

NOTICE NO. DWY23/0043
ASSOCIATED PARENT APPLICATION NO: DA20/0478

**NOTICE OF DETERMINATION OF AN APPLICATION UNDER SECTION 138
OF THE ROADS ACT, 1993 FOR CONSENT TO CONSTRUCT A PRIVATE
ACCESS DRIVEWAY ON A PUBLIC ROAD**

To: Richard Crookes Construction
8/6-10 Moss Street
KINGSCLIFF NSW 2487

Pursuant to Section 138 of the Act, notice is hereby given of the determination by the Tweed Shire Council of Section 138 Application No. DWY23/0043 relating to land described as:

LOT 1 DP 384195; NO. 12 ORIENT STREET KINGSCLIFF

DETERMINATION OF APPLICATION

The access driveway works detailed in your application are approved.

For any enquiries relating to this approval please contact Council's Roads & Stormwater Unit.

Approved works are to be carried out in accordance with required attachments and drawings submitted with the application, except as amended by the following conditions of consent.

CONDITIONS OF CONSENT

1. All driveway works are to be done in accordance with Council's "*Driveway Access to Property - Construction Specification*".
[DWY0010]
2. Concrete must not be poured (or other permanent materials or pavers placed) until the excavation, formwork and reinforcing has been inspected by Council's Supervising Officer. The contractor/owner/applicant must arrange an inspection by contacting Council's Engineering Division on (02) 6670 2400 between 8.30am and 4.30pm Monday to Friday, giving at least twenty four hours notice. Failure to have work inspected may result in the access being removed and reconstructed at the contractor/owner/applicant's expense.
[DWY0020]
3. The owner is responsible to ensure that the driveway is located so that the sight lines specified in "AS2890.1 Off Street Car Parking" Figure 3.3 and Council's "Driveway Access to Property Design Specification" are provided and maintained.
[DWY0030]
4. This approval only covers works that are undertaken within the public road reserve shown on the attached approved plans, which is generally between the property boundary and kerb & guttering. It is not an approval for any structures or works on private property including, but not limited to, any type of fence, letterbox, carport or internal driveways and paths, even if they are shown on the S138 approved plans. Council's Building Services Unit should be contacted for advice prior to undertaking any work or erecting any structure or fence on private property.
[DWY0040]
5. Approval is given subject to the location of, protection of, and/or any necessary approved modifications to any existing public utilities situated within or adjacent to the subject property.

Any necessary adjustment or modification of existing services is to be undertaken in accordance with the requirements of the relevant authority, at the Developer's expense.

[GEN0135]

6. All existing trees within the road reserve are to be retained and protected during construction. Where existing trees within the road reserve cannot be adequately retained and protected, approval from Council's General Manager or their delegate is required to remove street trees and they are to be replaced with a similar species in a 45L pot in accordance with Council's Development Design Specification D14.08.03C Tree Planting and Location (for distances away from infrastructure such as light poles and driveways) and Standard Drawing 'Tree and Shrub Planting Details' Dwg. No. SD701 (including the installation of root barrier) to the satisfaction of Council's General Manager or their delegate.

[GEN0355]
7. Building materials used in the construction of the building are not to be deposited or stored on Council's footpath or road reserve, unless prior approval is obtained from Council.

[DUR0395]
8. Where the construction work is on or adjacent to public roads, parks or drainage reserves the development shall provide and maintain all warning signs, lights, barriers and fences in accordance with AS 1742 (Manual of Uniform Traffic Control Devices). The contractor or property owner shall be adequately insured against Public Risk Liability and shall be responsible for any claims arising from these works.

[DUR1795]
9. The proponent must not undertake any work within the public road reserve without giving Council's Development Engineering Unit 48 hours notice of proposed commencement. Failure to comply with this condition may result in a stop work notice being issued and/or rejection of the works undertaken.

[DUR1845]
10. Any damage caused to public infrastructure (roads, footpaths, water and sewer mains, power and telephone services etc) during construction of the development shall be repaired in accordance with Council's Development Design and Construction Specifications prior to the issue of a Subdivision Certificate and/or prior to any use or occupation of the buildings.

[DUR1875]
11. Where existing kerb or footpath is to be removed for driveway laybacks, stormwater connections, kerb ramps or any other reason, the kerb or footpath must be sawcut on each side of the work to enable a neat and tidy joint to be constructed.

[DUR1905]
12. The applicant is required to do a letter box drop to all affected residents of the impending works 7 days prior to works commencing.
13. All new paths are to be a minimum 1.5 metres wide unless noted on the plan.
14. Some sections of the new paths may be reduced in width to allow for the formation around existing tree's and constructed as per Council's standard drawing S.D.013 section B, Council officer is to determine widths at each location.
15. Any tree's to be removed are to be replaced with a *Cupananiopsis anacardioides* (Tuckeroo) and are to be maintained for 6 months after the "Final for all Works Within the Road Reserve" certificate is issued.
16. The new tree's adjacent to the staff carpark are to be *Cupananiopsis anacardioides* (Tuckeroo) at 5 metre spacings with root barrier installed as per Council's standard drawing S.D.701.

17. A 10 metre section of composite decking with non perishable posts and fittings suitably designed for external footpathing is to be installed 5 metres either side of the large fig tree adjacent to 27 Orient Street, warranties and slip rating are to be forwarded to Council prior to installation.
18. All affected existing infrastructure is to be altered to match new footpath levels.
19. The trenching of Sutherland Street to install the proposed 375 millimetre reinforced concrete Class 3 pipe is to be back filled in accordance with Council's standard drawing S.D.022.
20. Sutherland Street nature strip from the new kerb and gutter to the existing footpath is to be backfilled/reshaped and turfed on a uniformed grade.
21. All pavement marking, removal, installation and raised reflective pavement markers are to comply with the latest guidelines from Transport for New South Wales and the work is to be completed by an approved Tweed Shire Council contractor, all signage is to be installed by Tweed Shire Council please contact Council's signage and linemarking formen for the list of contractors and a signage quote on 0408 295 846.
22. Asphalt is to be minimum 35mm thick AC10 with a 300mm step as per Tweed Shire Council's Development Design Specification D2 Pavement Design.

[DURNS01]

23. Prior to the issue of an Occupation Certificate a Defect Liability Bond (in cash **or** unlimited time Bank Guarantee) shall be lodged with Council.

The bond shall be based on 5% of the value of the public infrastructure works approved under Section 138 of the Roads Act and Section 68 of the Local Government Act (as set out in Councils Fees and Charges current at the time of payment) which will be held by Council for a period of 6 months from the date on which the Occupation Certificate is issued. It is the responsibility of the Proponent to apply for refund following the remedying of any defects arising within the 6 month period.

[POC0165]

24. Prior to the issue of an Occupation Certificate, the applicant shall produce a copy of the "Final Satisfactory Inspection Report" issued by Council for all works required under Section 138 of the Roads Act 1993.
25. The approved works are subject to the following inspections by Council's Engineering Division officer (contact 02 6670 2571).

Prior to the issue of an Occupation Certificate, the applicant must provide satisfactory inspection certificates for all works within the road reserve, including but not limited too.

Sub base, base material, kerb and gutter, crossover/driveway, foot paving, kerb ramps, signage and line marking, ground anchor removal, and a final certificate for all works within the road reserve.

The above inspections are subject to fees in accordance with Council's Fees and Charges Table and must be paid prior to the issue of the Occupation Certificate, Council's Road And Stormwater Unit is to be contacted for the invoice.

[POC0745]

26. Redundant road pavement, kerb and gutter or foot paving including any existing disused vehicular laybacks/driveways or other special provisions shall be removed and the area reinstated to match adjoining works in accordance with Councils Development Design and Construction Specifications.

[POC0755]

27. Prior to the release of the **5% Compliance Bond associated with a Section 138 application**, Work as Executed Plans (WAX Plans) and an accompanying ADAC XML Digital File shall be submitted to Council for endorsement in accordance with the provisions of Tweed Shire

Council's Development Control Plan Part A5 - Subdivision Manual and Council's Development Design Specification, D13 - Engineering Plans.

The WAX Plans are to be endorsed by a NSW Registered Surveyor AND/OR a Consulting Engineer as specified in D13, certifying that:

- a. all drainage lines, sewer lines, services and structures are wholly contained within the relevant easement(s) created by the subdivision;
- b. the plans accurately reflect the Work as Executed, including all the actual asset types and materials used in the construction;
- c. the accompanying ADAC XML Digital File corresponds exactly with all details of the Summary WAX plan(s) including lot and easement details, geometries, relative levels, assets and material types.

Note: Where works are carried out by Council on behalf of the developer it is the responsibility of the DEVELOPER to prepare and submit Works-As-Executed (WAX) plans.

[POC1120]

28. Prior to the issue of the Final Certificate, Work as Executed Plans (WAX Plans) and an accompanying ADAC XML Digital File shall be submitted to Council for endorsement in accordance with the provisions of Tweed Shire Council's Development Control Plan Part A5 - Subdivision Manual and Council's Development Design Specification, D13 - Engineering Plans.

The WAX Plans are to be endorsed by a NSW Registered Surveyor AND/OR a Consulting Engineer as specified in D13, certifying that:

- a. all drainage lines, sewer lines, services and structures are wholly contained within the relevant easement(s) created by the subdivision;
- b. the plans accurately reflect the Work as Executed, including all the actual asset types and materials used in the construction;
- c. the accompanying ADAC XML Digital File corresponds exactly with all details of the Summary WAX plan(s) including lot and easement details, geometries, relative levels, assets and material types.

Note: Where works are carried out by Council on behalf of the developer it is the responsibility of the DEVELOPER to prepare and submit Works-As-Executed (WAX) plans.

[PSC0735]

29. Council's standard "Asset Creation Form" shall be completed (including all quantities and unit rates) and submitted to Council.

[PSC0855]

Signed on behalf of the Tweed Shire Council:

Danny Rose
Manager Roads and Stormwater
17 November 2023

KINGSCLIFF PRIMARY SCHOOL

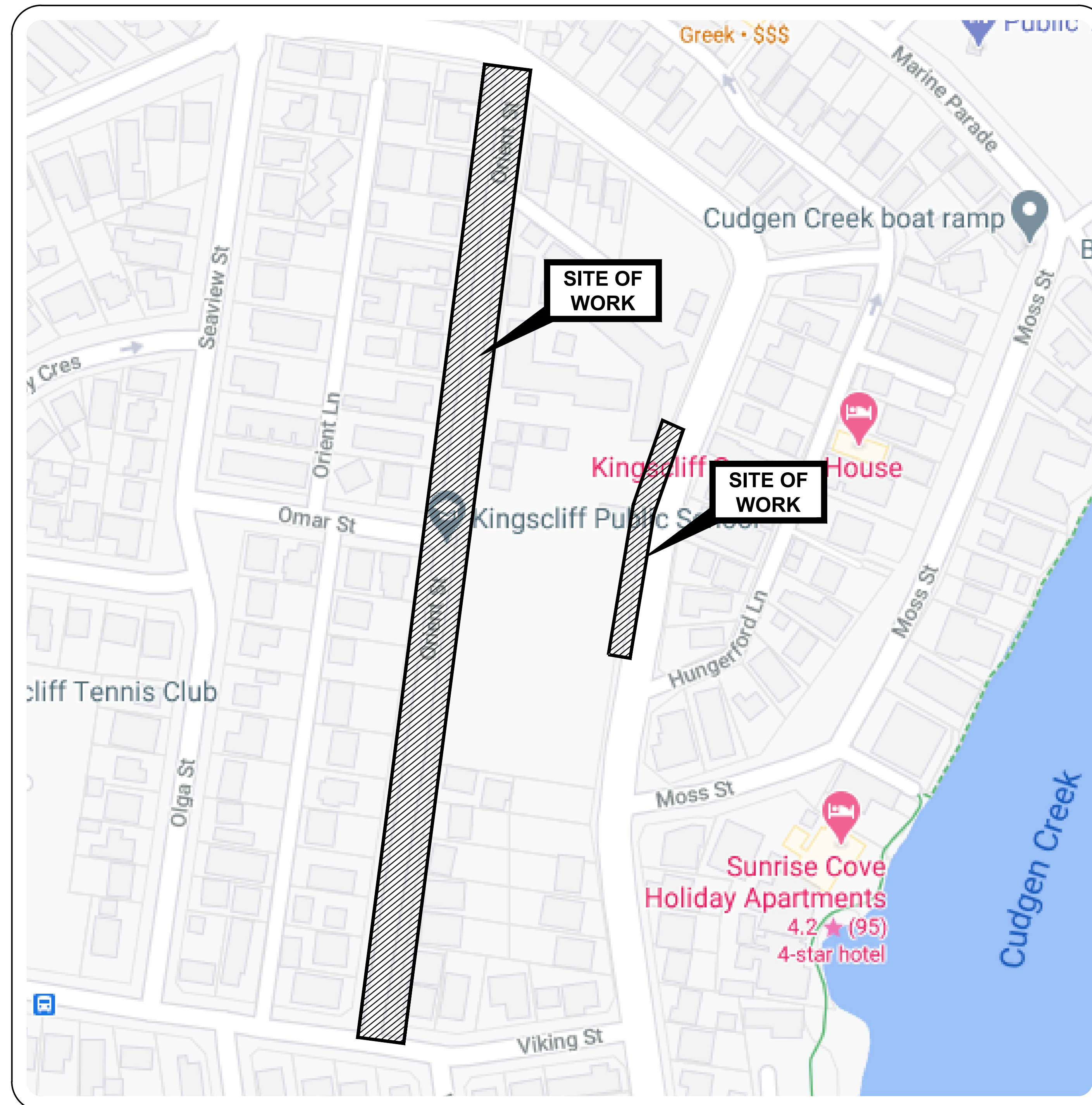
STAGE 2 MAIN WORKS 12 ORIENT ST, KINGSCLIFF NSW EXTERNAL CIVIL WORKS

DRAWING INDEX	
DWG No.	DESCRIPTION
GENERAL	
KPS-C20.01	COVER SHEET DRAWING INDEX AND LOCALITY PLAN
KPS-C20.11	GENERAL NOTES
SITWORKS	
KPS-C20.21	SITWORKS OVERALL LAYOUT PLAN
KPS-C24.01	SITWORKS LAYOUT PLAN SHEET 1 OF 5
KPS-C24.02	SITWORKS LAYOUT PLAN SHEET 2 OF 5
KPS-C24.03	SITWORKS LAYOUT PLAN SHEET 3 OF 5
KPS-C24.04	SITWORKS LAYOUT PLAN SHEET 4 OF 5
KPS-C24.05	SITWORKS LAYOUT PLAN SHEET 5 OF 5

**S138 ROADS ACT 1993
DRIVEWAYS AND OTHER WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043**

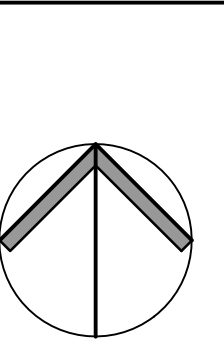


TWEED SHIRE COUNCIL



LOCALITY PLAN
N.T.S.

© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.



This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by


Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/11/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

ISSUED FOR INFORMATION

Client

Project
**KINGSCLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSCLIFF NSW 2487



ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

CONSULTANTS
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
COVER SHEET AND LOCALITY PLAN

Drawn: MCG Date: 28/10/22 Scale: NTS Sheet Size: A1 Q.A. Check: ND Date: 15/11/22

Designed: ND Project No: BR200435 Dwg. No: KPS-C20.01 Issue: A

C:\Users\mccg\OneDrive\Documents\Projects\Kingscliff Primary School\Kingscliff Primary School - Stage 2 Main Works\Kingscliff Primary School - Stage 2 Main Works - External Civils - Locality Plan - C20.01.dwg

GENERAL

- ORIGINAL SITE SURVEY PREPARED BY: B & P SURVEYS, CONSULTING SURVEYORS
 DATUMS USED: VIDE PM 41958 AHD
 VERT: RL 27.108
 CONTOUR INTERVAL: 0.10m
 CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- 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 COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT.
 - THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT BY A LICENSED LAND SURVEYOR. CONFIRM SETOUT WITH ARCHITECT.
 - ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH APPROVED FILL MATERIAL AND COMPACTED TO 100% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS1289.5.1.1:2017.
 - ON COMPLETION OF SERVICES INSTALLATION, ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD PAVEMENTS.
 - WHERE NEW WORK ABUTS EXISTING, THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE FREE FROM ABRUPT CHANGES, IS OBTAINED.
 - CARE TO BE TAKEN WHEN EXCAVATING ELECTRICAL, COMMUNICATIONS AND ORIGIN GAS SERVICES. NO MECHANICAL EXCAVATION TO BE UNDERTAKEN OVER ELECTRICAL, COMMUNICATIONS AND GAS; HAND EXCAVATE IN THESE AREAS. LIAISE WITH RELEVANT LOCAL AUTHORITY.
 - ALL WORKS SHALL BE IN ACCORDANCE WITH RELEVANT THE LOCAL AUTHORITY STANDARDS, DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATION AND THE DIRECTIONS OF THE ARCHITECT.
 - THE CONTRACTOR SHALL NOT DISTURB ANY EXISTING SURVEY BENCH MARKS OR REFERENCE MARKS (UNLESS INDICATED FOR REMOVAL) WITHOUT DEPT. OF NATURAL RESOURCES APPROVAL IN WRITING.
 - THE CONTRACTOR SHALL OBTAIN ALL RELEVANT AUTHORITIES APPROVALS. (PRIOR TO COMMENCEMENT AND UPON COMPLETION).
 - WORK ON EXISTING EXTERNAL STORMWATER SERVICES BY CONTRACTOR ARE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY.
 - THE CONTRACTOR SHALL LOCATE AND CONFIRM LEVELS OF ALL EXISTING SERVICE CONNECTIONS PRIOR TO COMMENCING WORK.
 - THE CONTRACTOR SHALL REFER TO LANDSCAPE DRAWINGS FOR DETAILS OF TREATMENT OF BATTERS, SWALE DRAINS AND ANY OTHER AREAS DISTURBED AS PART OF CIVIL WORKS.
 - ROAD OPENINGS:
 THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE LOCAL AUTHORITY. WHERE THE WORK IS LOCATED IN A ROAD RESERVE OR CROSSES THE PAVEMENT OF A PUBLIC ROADWAY OR FOOTWAY, OBTAIN A CONSENT COVERING THE NECESSARY OPENINGS AND COMPLY WITH ALL THE CONDITIONS COVERING THE ISSUE OF SUCH A CONSENT. A CHARGE IS MADE FOR PERMITS ISSUED IN RESPECT OF PAVEMENT OPENINGS. CONTRACTOR TO OBTAIN DETAILS FROM THE LOCAL AUTHORITY. MEET ALL REQUIREMENTS AND PAYMENTS, AND CARRY OUT ALL LIAISON AT NO EXTRA COST. ALL PAVEMENT SURFACING IS TO BE UNDERTAKEN BY THE CONTRACTOR. ALL PAVEMENT REINSTATEMENT TO BE UNDERTAKEN BY THE CONTRACTOR.
 - REFER ALSO TO HYDRAULIC, LANDSCAPING, MECHANICAL AND ELECTRICAL CONSULTANTS' DRAWINGS FOR ADDITIONAL SITE SERVICES TO BE CO-ORDINATED FOR CONSTRUCTION UNDER PROPOSED CARPARK PAVEMENTS.
 - A GEOTECHNICAL INVESTIGATION FOR THE ORIGINAL SITE HAS BEEN PREPARED BY DOUGLAS PARTNERS, PROJECT No. 200062.00 DATED 1 APRIL 2021. THE CONTRACTOR SHALL ENSURE THAT THEY ARE FAMILIAR WITH THE CONTENTS OF THIS REPORT AND THE REPORT DOES FORM PART OF THE CONTRACT.
 - ALL CONSTRUCTION WORK SHALL BE CARRIED OUT SO THAT AT ANY TIME ADJOINING PROPERTY OWNERS ARE NOT DEPRIVED OF AN ALL-WEATHER ACCESS OR SUBJECTED TO ADDITIONAL STORM WATER RUN-OFF DURING THE PERIOD OF CONSTRUCTION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO THE LOCAL AUTHORITY'S INFRASTRUCTURE. SUCH REPAIR OR REINSTATEMENT TO BE CARRIED OUT IMMEDIATELY TO THE SATISFACTION OF THE SUBDIVISION AND DEVELOPMENT MANAGER OF THE LOCAL AUTHORITY.
 - SITE INSPECTIONS REQUIRED AS SPECIFIED.
 - FOR CIVIL SETOUT INFORMATION CONTACT ACOR QLD PTY LTD (PH +61 7 3844 5900) AND AN AUTOCAD DRAWING FILE WILL BE ISSUED FOR INFORMATION TO ASSIST WITH THE SITE SETOUT.
 - CONTRACTOR IS TO ALLOW TO INCLUDE ANY REQUIRED THE LOCAL AUTHORITY INSPECTION AND COMPLIANCE FEES IN THE CONTRACT.

EARTHWORKS

- FOLLOWING DEMOLITION OF EXISTING STRUCTURES, ALL VEGETATION, SOILS CONTAINING ORGANIC AND DELETERIOUS MATERIAL, CONCRETE SLABS, CONCRETE BUILDING FOOTINGS AND PAVEMENT AREAS SHALL BE STRIPPED AND REMOVED FROM SITE.
- ALL EXISTING TREE STUMPS AND ROOTS SHALL BE GRUBBED OUT TO A MINIMUM DEPTH OF 750mm.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- 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 COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT.
- THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT BY A LICENSED LAND SURVEYOR. CONFIRM SETOUT WITH ARCHITECT.
- ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH APPROVED FILL MATERIAL AND COMPACTED TO 100% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS1289.5.1.1:2017.
- ON COMPLETION OF SERVICES INSTALLATION, ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD PAVEMENTS.
- WHERE NEW WORK ABUTS EXISTING, THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE FREE FROM ABRUPT CHANGES, IS OBTAINED.
- CARE TO BE TAKEN WHEN EXCAVATING ELECTRICAL, COMMUNICATIONS AND ORIGIN GAS SERVICES. NO MECHANICAL EXCAVATION TO BE UNDERTAKEN OVER ELECTRICAL, COMMUNICATIONS AND GAS; HAND EXCAVATE IN THESE AREAS. LIAISE WITH RELEVANT LOCAL AUTHORITY.
- ALL WORKS SHALL BE IN ACCORDANCE WITH RELEVANT THE LOCAL AUTHORITY STANDARDS, DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATION AND THE DIRECTIONS OF THE ARCHITECT.
- THE CONTRACTOR SHALL NOT DISTURB ANY EXISTING SURVEY BENCH MARKS OR REFERENCE MARKS (UNLESS INDICATED FOR REMOVAL) WITHOUT DEPT. OF NATURAL RESOURCES APPROVAL IN WRITING.
- THE CONTRACTOR SHALL OBTAIN ALL RELEVANT AUTHORITIES APPROVALS. (PRIOR TO COMMENCEMENT AND UPON COMPLETION).
- WORK ON EXISTING EXTERNAL STORMWATER SERVICES BY CONTRACTOR ARE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY.
- THE CONTRACTOR SHALL LOCATE AND CONFIRM LEVELS OF ALL EXISTING SERVICE CONNECTIONS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL REFER TO LANDSCAPE DRAWINGS FOR DETAILS OF TREATMENT OF BATTERS, SWALE DRAINS AND ANY OTHER AREAS DISTURBED AS PART OF CIVIL WORKS.
- ROAD OPENINGS:
 THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE LOCAL AUTHORITY. WHERE THE WORK IS LOCATED IN A ROAD RESERVE OR CROSSES THE PAVEMENT OF A PUBLIC ROADWAY OR FOOTWAY, OBTAIN A CONSENT COVERING THE NECESSARY OPENINGS AND COMPLY WITH ALL THE CONDITIONS COVERING THE ISSUE OF SUCH A CONSENT. A CHARGE IS MADE FOR PERMITS ISSUED IN RESPECT OF PAVEMENT OPENINGS. CONTRACTOR TO OBTAIN DETAILS FROM THE LOCAL AUTHORITY. MEET ALL REQUIREMENTS AND PAYMENTS, AND CARRY OUT ALL LIAISON AT NO EXTRA COST. ALL PAVEMENT SURFACING IS TO BE UNDERTAKEN BY THE CONTRACTOR. ALL PAVEMENT REINSTATEMENT TO BE UNDERTAKEN BY THE CONTRACTOR.
- REFER ALSO TO HYDRAULIC, LANDSCAPING, MECHANICAL AND ELECTRICAL CONSULTANTS' DRAWINGS FOR ADDITIONAL SITE SERVICES TO BE CO-ORDINATED FOR CONSTRUCTION UNDER PROPOSED CARPARK PAVEMENTS.
- A GEOTECHNICAL INVESTIGATION FOR THE ORIGINAL SITE HAS BEEN PREPARED BY DOUGLAS PARTNERS, PROJECT No. 200062.00 DATED 1 APRIL 2021. THE CONTRACTOR SHALL ENSURE THAT THEY ARE FAMILIAR WITH THE CONTENTS OF THIS REPORT AND THE REPORT DOES FORM PART OF THE CONTRACT.
- ALL CONSTRUCTION WORK SHALL BE CARRIED OUT SO THAT AT ANY TIME ADJOINING PROPERTY OWNERS ARE NOT DEPRIVED OF AN ALL-WEATHER ACCESS OR SUBJECTED TO ADDITIONAL STORM WATER RUN-OFF DURING THE PERIOD OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO THE LOCAL AUTHORITY'S INFRASTRUCTURE. SUCH REPAIR OR REINSTATEMENT TO BE CARRIED OUT IMMEDIATELY TO THE SATISFACTION OF THE SUBDIVISION AND DEVELOPMENT MANAGER OF THE LOCAL AUTHORITY.
- SITE INSPECTIONS REQUIRED AS SPECIFIED.
- FOR CIVIL SETOUT INFORMATION CONTACT ACOR QLD PTY LTD (PH +61 7 3844 5900) AND AN AUTOCAD DRAWING FILE WILL BE ISSUED FOR INFORMATION TO ASSIST WITH THE SITE SETOUT.
- CONTRACTOR IS TO ALLOW TO INCLUDE ANY REQUIRED THE LOCAL AUTHORITY INSPECTION AND COMPLIANCE FEES IN THE CONTRACT.

LOCATION	COHESIVE SOILS	COHESIONLESS SOILS
BUILDING AREAS • FOUNDATION SUPPORT • FLOOR SLABS PAVEMENT AREAS	98%	80%
• TOP 300mm BELOW SUBGRADE LEVEL • BELOW THE TOP 300mm LANDSCAPE AREAS	98% 95% 95%	80% 75% 75%

- WHERE THE ABOVE VALUES ARE DETERMINED IN ACCORDANCE WITH AS1289.5.1.1 (STANDARD COMPACTION) FOR COHESIVE SOILS AND AS1289.5.6.1 (STANDARD METHOD) FOR COHESIONLESS SOILS.
- ALL EARTHWORKS OPERATIONS SHALL BE CARRIED OUT WITH 'LEVEL 1' ENGINEERING SUPERVISION IN ACCORDANCE WITH APPENDIX B OF AS 3798. THE NOMINATED GEOTECHNICAL TESTING AUTHORITY SHALL PROVIDE RPEQ CERTIFICATION AS NOTED IN THE GEOTECHNICAL REPORT THAT ALL GENERAL EARTHWORKS OPERATIONS HAVE BEEN CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND THE CONTROLLED FILL IS SUITABLE FOR PURPOSE WITH A MINIMUM 100 KPa BEARING CAPACITY UNDER THE BUILDING.
 - THE CONTRACTOR SHALL PROGRAMME 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.
 - TESTING OF THE SUBGRADE SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 3798 BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTOR'S EXPENSE.
 - ALL BASE AND SUB-BASE MATERIALS SHALL BE PLACED IN MAXIMUM 150mm THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT OF (+ OR - 2%) TO ACHIEVE A DRY DENSITY IN ACCORDANCE WITH AS 1289.5.2.1 OF NOT LESS THAN THE FOLLOWING:

LAYER	MODIFIED DRY DENSITY
BASE COURSE	98% MODIFIED (AS 1289.5.2.1)
SUB-BASE COURSE	95% MODIFIED (AS 1289.5.2.1)

- CONTRACTOR TO ENSURE VIA THE APPROPRIATE SELECTION OF FILL MATERIAL AND EARTHWORKS THAT, UPON COMPLETION OF THE EARTHWORKS, THAT THE BUILDING PLATFORM HAS A CLASS 'S' CLASSIFICATION IN ACCORDANCE WITH AS2870.
- ANY SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF SITE AT AN APPROVED TIP SITE. CONTRACTOR TO ALLOW TO COMPLY WITH CURRENT DEPARTMENT OF AGRICULTURAL AND WATER RESOURCES REGULATIONS FOR THE CONTROL OF RED IMPORTED FIRE ANTS.
- ANY CONTAMINATED MATERIAL SHALL BE MANAGED AND DISPOSED OF ACCORDING TO THE LOCAL AUTHORITY AND EPA REQUIREMENTS INCLUDING CERTIFICATION.
- THE USE OF POTABLE WATER IS NOT PERMITTED IN ACTIVITIES ASSOCIATED WITH ROAD AND PAVEMENT CONSTRUCTION. THE COMPACTION OF FILL MATERIAL OR DUST SUPPRESSION CONTRACTOR TO UTILISE RECYCLED OR SUITABLE NON POTABLE WATER FOR THESE ACTIVITIES WITHIN THE CONTRACT. USE OF RECYCLED WATER MUST BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.

EXISTING SERVICES AND FEATURES

- THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY THE WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT. ALL TO REGULATORY AUTHORITY STANDARDS AND APPROVAL.
- 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 OBTAIN THE SUPERINTENDENT'S APPROVAL FOR HIS PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
- EXISTING BUILDINGS, EXTERNAL STRUCTURES, AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY SEPARATE AND PRECEDING DEMOLITION WORKS.
- CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE SUPERINTENDENT. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE ADJACENT RESIDENCES. CONTRACTOR TO GAIN APPROVAL OF THE SUPERINTENDENT FOR TIME OF INTERRUPTION.

STORMWATER

- ALL 300 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "3" APPROVED SPIGOT AND SOCKET RCP PIPES WITH RUBBER RING JOINTS, (U.N.O.). ALL DRAINAGE PIPES UP TO AND INCLUDING 225 DIA. SHALL BE SEWER GRADE DWV uPVC CLASS "SN8" WITH SOLVENT WELD JOINTS OR RUBBER RING JOINTS (U.N.O.)
- EQUIVALENT STRENGTH FRC PIPES MAY BE USED.
- ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND ALL TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
- MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.).
- CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION TO DISSIMILAR PIPEWORK.
- ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
- WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED uPVC SEWER GRADE PIPE SHALL BE USED.
- PROVIDE 3.0m LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.(UNO)
- BEDDING SHALL BE TYPE H1 (U.N.O.) IN ACCORDANCE WITH CURRENT AUSTRALIAN STANDARDS.
- AT CONNECTION TO PITS, INVERT OF SUBSOIL DRAINS TO BE ABOVE MAIN STORMWATER PIPE OBVERT.
- EQUIVALENT STRENGTH PRECAST STORMWATER PITS AND MANHOLES MAY BE USED.

RETAINING WALLS

- THE RETAINING WALL SYSTEM DESIGN IS TO BE UNDERTAKEN AS PART OF THE OPERATIONAL DESIGN WORKS PHASE (AND TO BE IN ACCORDANCE WITH THE ASSOCIATED GEOTECHNICAL SITE INVESTIGATION FINDINGS AND RECOMMENDATIONS).
- FORM 15 DESIGN CERTIFICATE & FORM 16 CERTIFICATION SIGNED BY A RPEQ IN A FORMAT ACCEPTABLE TO THE CERTIFIER SHALL BE PROVIDED WITH THE DESIGN AND CONSTRUCTION OF THE PROPOSED RETAINING WALL SYSTEM.
- PROPOSED TEMPORARY EXCAVATIONS FROM FACE OF RETAINING WALL SYSTEM SHALL NOT SIGNIFICANTLY IMPACT OR ENCROACH INTO ADJACENT CORRIDORS. SHOULD TEMPORARY OVER-EXCAVATION OCCUR, THIS DIMENSION SHALL BE MINIMISED (LIMITED TO 100mm MAXIMUM) WITH DISTURBED AREAS MADE GOOD TO REFLECT ORIGINAL SURFACE PROFILE AND NATURAL VEGETATE CONDITIONS.
- INFORMATION PRESENTED REGARDING THE PROPOSED RETAINING WALL SYSTEM IS CONCEPTUAL ONLY AND IS SUBJECT TO DEVELOPMENT APPROVAL CONDITIONS AND LOCAL GOVERNMENT AUTHORITY REQUIREMENTS.

**S138 ROADS ACT 1993
 DRIVEWAYS AND OTHER WORKS
 ON PUBLIC ROADS
 APPROVAL**
APPROVAL NO DWY23/0043



© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.

North

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----
----	----	----	----	----



ENGINEER'S CERTIFICATION
 This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

ISSUED FOR INFORMATION

Client

Project
**KINGSCLIFF PRIMARY SCHOOL
 STAGE 2 MAIN WORKS
 (EXTERNAL CIVILS)**
 12 ORIENT STREET
 KINGSCLIFF NSW 2487

ACOR Consultants (QLD) Pty Ltd
 Level 7, 22 Cordelia Street
 South Brisbane QLD 4101
 T +61 7 3844 5900

CONSULTANTS
 ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS




Drawing Title
GENERAL NOTES

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	N/A	A1	ND	15/12/22
Designed	Project No.	Dwg. No.	Issue		
MCG	BR200435	KPS-C20.11	A		


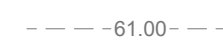
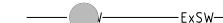



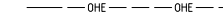


S138 ROADS ACT 1993
 DRIVEWAYS AND OTHER WORKS
 ON PUBLIC ROADS
 APPROVAL
 APPROVAL NO DWY23/0043

TWEED SHIRE COUNCIL

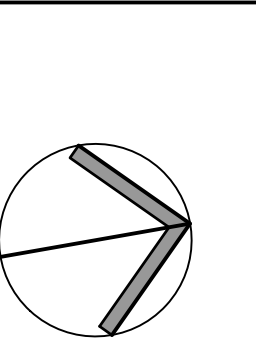
LEGEND

-  PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
-  EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
-  PROPOSED SAW CUT

EXISTING SERVICES LEGEND

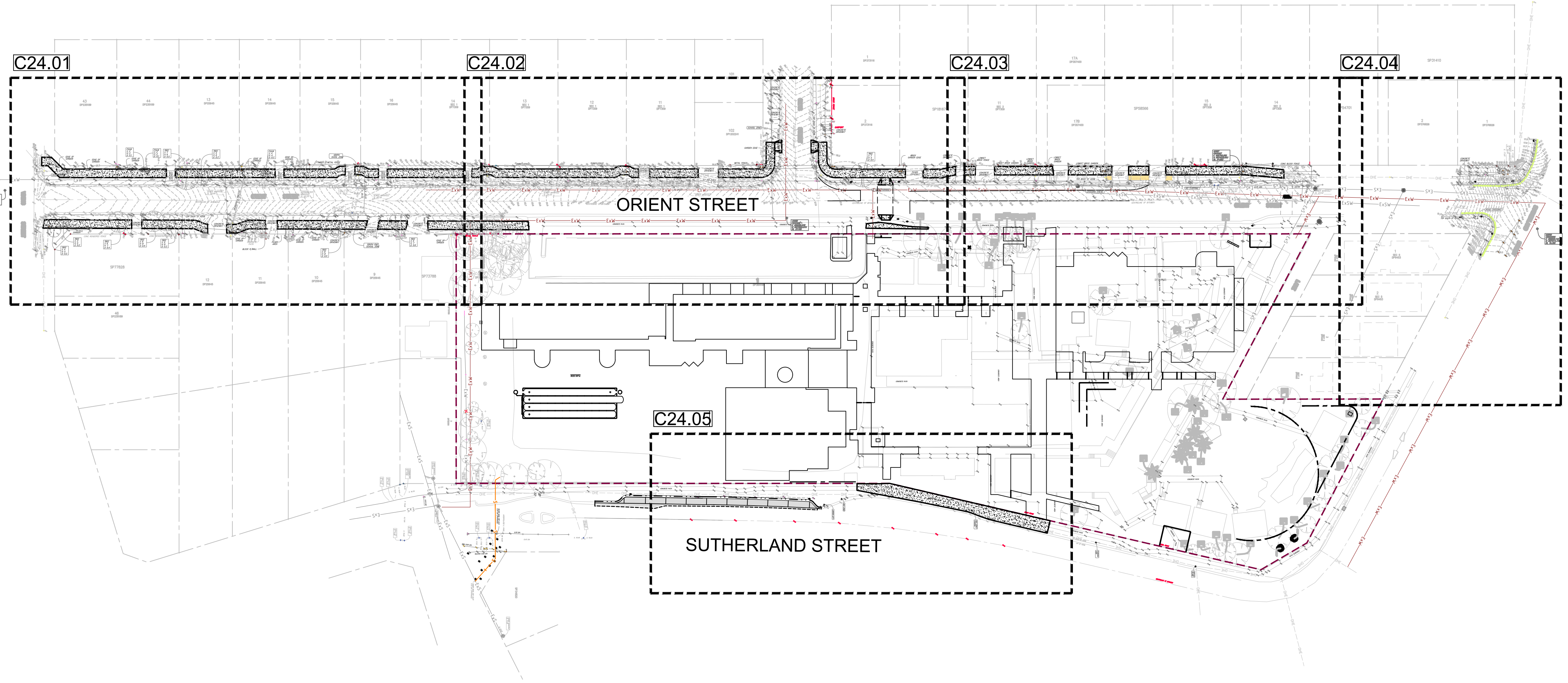
-  LOT BOUNDARY
-  -61.00- EXISTING CONTOUR (0.1m INTERVAL)
-  EXISTING STORMWATER
-  EXISTING SEWER
-  EXISTING WATER
-  EXISTING OVERHEAD POWER
-  EXISTING ELECTRICAL - UNDERGROUND
-  EXISTING TELECOMMUNICATIONS
-  EXISTING FENCE

© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.



This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---



ISSUED FOR INFORMATION

Client

Project
**KINGSLIFF PRIMARY SCHOOL
 STAGE 2 MAIN WORKS
 (EXTERNAL CIVILS)**
 12 ORIENT STREET
 KINGSLIFF NSW 2487

ACOR CONSULTANTS (QLD) Pty Ltd
 Level 7, 22 Cordelia Street
 South Brisbane QLD 4101
 T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
**EXTERNAL SITE WORKS
 OVERALL SITE LAYOUT**

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	1:1500	A1	ND	15/12/22
Designed	Project No	Dwg. No.	Issue		
ND	BR200435	KPS-C20.21	A		

EXISTING SERVICES NOTE:

1. NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE CAUSED ON SITE.
2. ALL REASONABLE CARE HAS BEEN TAKEN TO ACCURATELY SHOW THE POSITION OF EXISTING SERVICES. HOWEVER, THE POSITION OF SUCH SERVICES SHOULD BE PROVEN ON SITE AND NO GUARANTEE CAN BE GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. AREAS SURROUNDING EXISTING SERVICES ARE TO BE EXCAVATED BY HAND OR BY APPROVED VACUUM EXCAVATION CONTRACTOR.
3. CONTRACTOR TO CONFIRM THE LOCATION, SIZE AND DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - 3.1. WHERE REQUIRED, CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTHS OF ALL UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY WORKS.
4. ALL EXISTING SERVICE STRUCTURES OR LIDS AFFECTED BY THE WORKS ARE TO BE ADJUSTED TO MATCH PROPOSED NEW SURFACE LEVELS.
5. CONTRACTOR TO LIAISE WITH RELEVANT AUTHORITY ON ANY REQUIRED PROTECTION/RELOCATION MEASURES AND INFORM ENGINEER OF APPROVED DESIGN PRIOR TO UNDERTAKING ANY WORKS.

TREES WITHIN PRIVATE PROPERTY HAVE NOT BEEN IDENTIFIED IN THE DETAILED SURVEY. CONTRACTOR TO ENGAGE AN ARBORIST TO ENSURE PROPOSED WORKS WILL NOT NEGATIVELY IMPACT TREES LOCATED WITHIN THE VERGE AND WITHIN ADJACENT PRIVATE PROPERTIES.

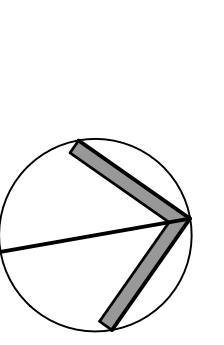
EXISTING SERVICES LEGEND

- - - - 61.00 - - - - LOT BOUNDARY
- - - - EXISTING CONTOUR (0.1m INTERVAL)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING OVERHEAD POWER
- EXISTING ELECTRICAL - UNDERGROUND
- EXISTING TELECOMMUNICATIONS
- EXISTING FENCE

LEGEND

- PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
- EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
- PROPOSED SAW CUT

© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.

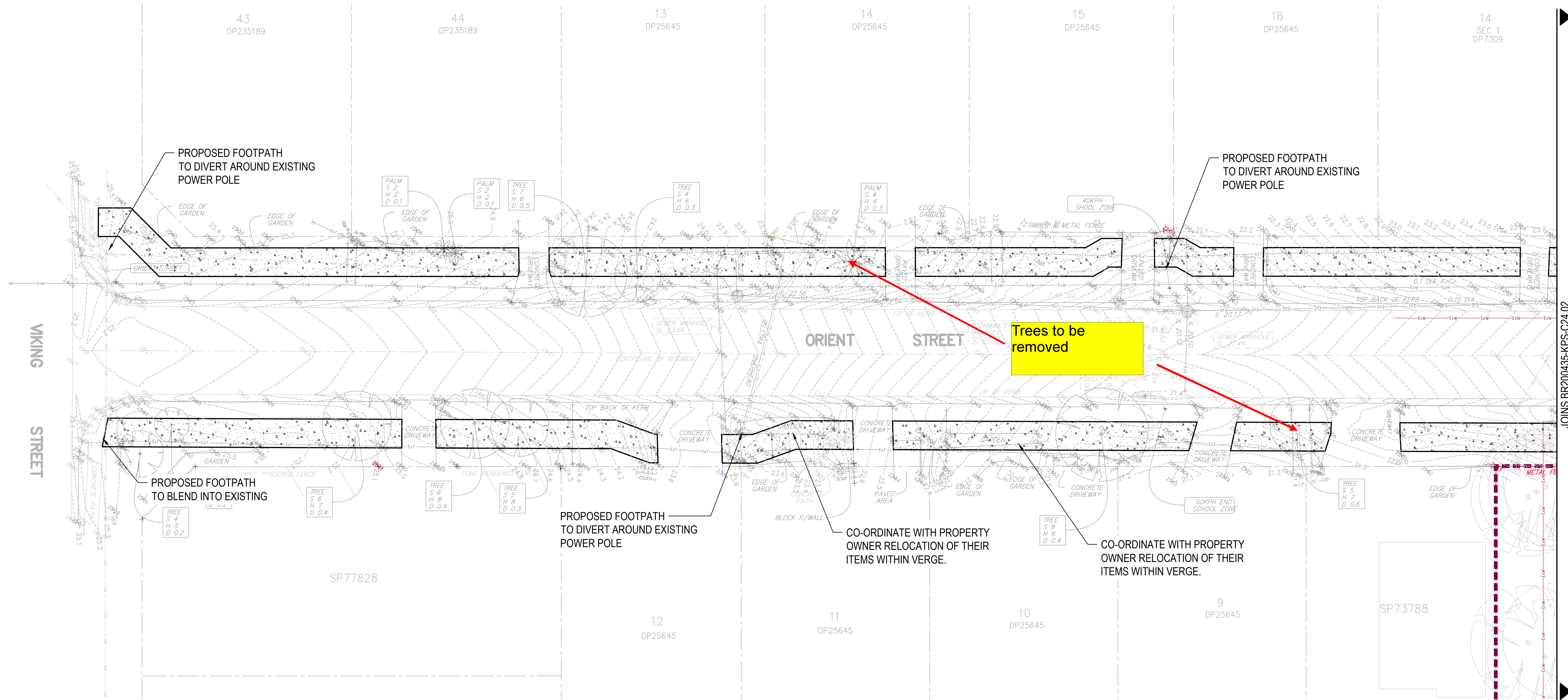


See Dwy23/0043 conditions of consent in relation to footpath widths, locations and composite decking required.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



0 4 8 12 m
SCALE 1:400 @ A3 / SCALE 1:200 @ A1

ISSUED FOR INFORMATION

S138 ROADS ACT 1993
DRIVEWAYS AND OTHER
WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043
TWEED SHIRE COUNCIL

Client

Project

**KINGSCLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSCLIFF NSW 2487

ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS
Drawing Title
**EXTERNAL SITE WORKS
LAYOUT PLAN
SHEET 1 OF 5**

Drawn	Date	Scale	Sheet Size	O.A. Check	Date
MCG	28/10/22	1:200	A1	ND	15/12/22
Designed	Project No.	Dwg. No.	Issue		
ND	BR200435	KPS-C24.01	A		

EXISTING SERVICES NOTE:

- NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE CAUSED ON SITE.
- ALL REASONABLE CARE HAS BEEN TAKEN TO ACCURATELY SHOW THE POSITION OF EXISTING SERVICES. HOWEVER, THE POSITION OF SUCH SERVICES SHOULD BE PROVEN ON SITE AND NO GUARANTEE CAN BE GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. AREAS SURROUNDING EXISTING SERVICES ARE TO BE EXCAVATED BY HAND OR BY APPROVED VACUUM EXCAVATION CONTRACTOR.
- CONTRACTOR TO CONFIRM THE LOCATION, SIZE AND DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - WHERE REQUIRED, CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTHS OF ALL UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY WORKS.
- ALL EXISTING SERVICE STRUCTURES OR LIDS AFFECTED BY THE WORKS ARE TO BE ADJUSTED TO MATCH PROPOSED NEW SURFACE LEVELS. CONTRACTOR TO LIAISE WITH RELEVANT AUTHORITY ON ANY REQUIRED PROTECTION/RELOCATION MEASURES AND INFORM ENGINEER OF APPROVED DESIGN PRIOR TO UNDERTAKING ANY WORKS.

TREES WITHIN PRIVATE PROPERTY HAVE NOT BEEN IDENTIFIED IN THE DETAILED SURVEY. CONTRACTOR TO ENGAGE AN ARBORIST TO ENSURE PROPOSED WORKS WILL NOT NEGATIVELY IMPACT TREES LOCATED WITHIN THE VERGE AND WITHIN ADJACENT PRIVATE PROPERTIES.

LINEMARKING LEGEND

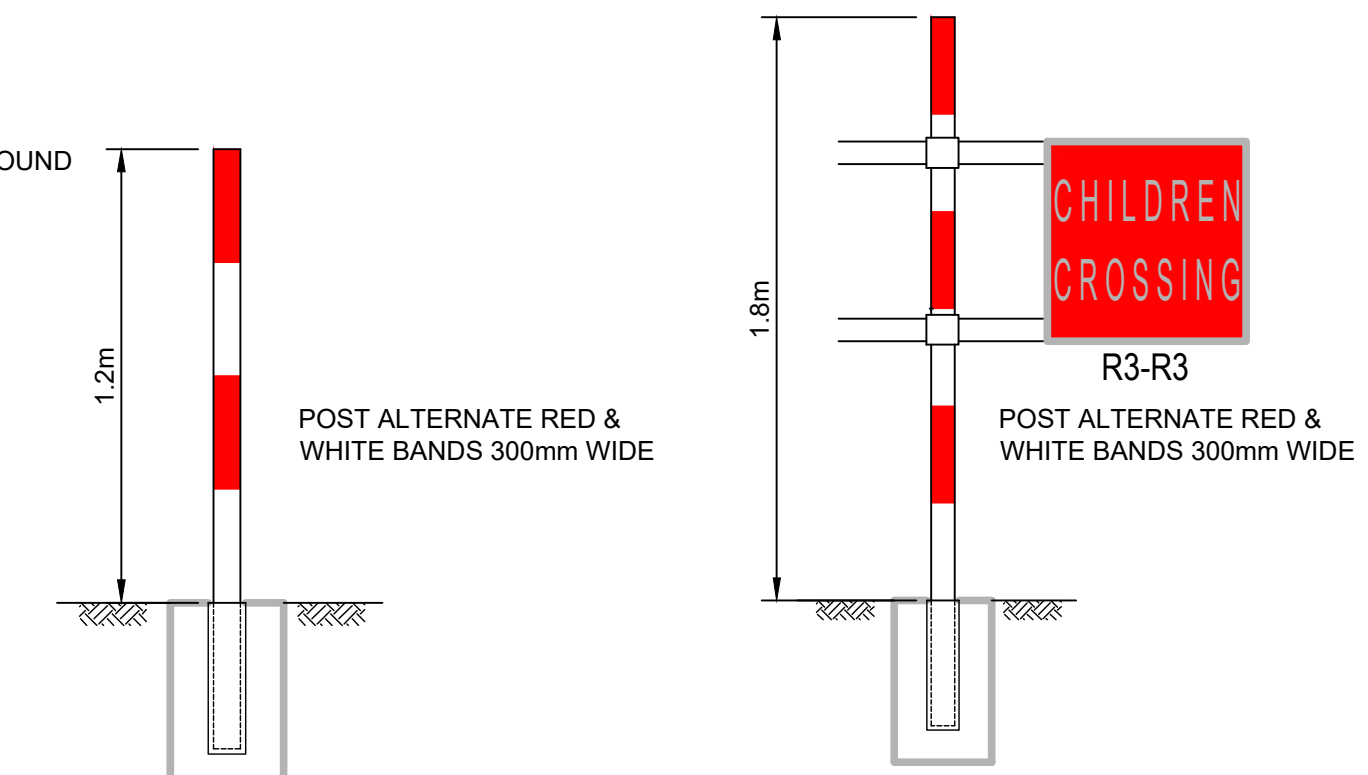
LONGITUDINAL LINES		WIDTH (mm)
EDGE LINES	E1	150
SINGLE BARRIER LINE	B1	150
OUTLINE MARKING	OL	120
TRANSVERSE LINES		WIDTH (mm)
STOP LINES	TF	300
PEDESTRIAN CROSSING (MARKED CROSSWALK)	PCW	150

EXISTING SERVICES LEGEND

- LOT BOUNDARY
- EXISTING CONTOUR (0.1m INTERVAL)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING OVERHEAD POWER
- EXISTING ELECTRICAL - UNDERGROUND
- EXISTING TELECOMMUNICATIONS
- EXISTING FENCE

LEGEND

- PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
- EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
- PROPOSED SAW CUT

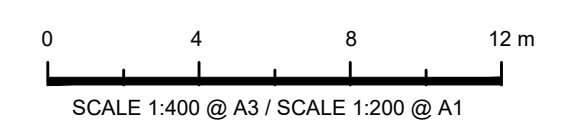
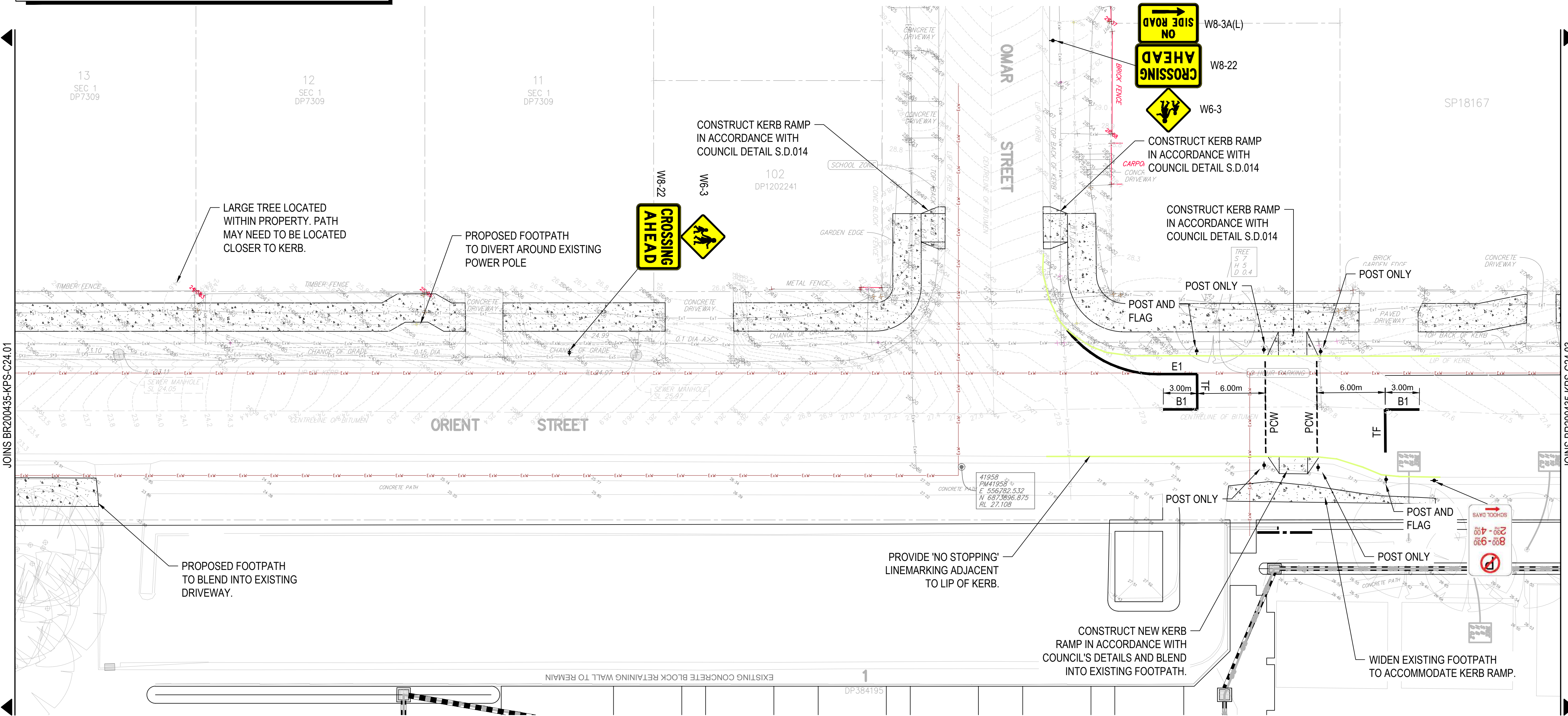


© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
B	ISSUED FOR INFORMATION	27/09/22	MCG	JV
C	ISSUED FOR APPROVAL	16/10/23	MCG	JV

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



ISSUED FOR INFORMATION

**S138 ROADS ACT 1993
DRIVEWAYS AND OTHER WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043**

TWEED SHIRE COUNCIL

Project
**KINGSLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSLIFF NSW 2487

ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

CONSULTANTS
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
**EXTERNAL SITE WORKS
LAYOUT PLAN
SHEET 2 OF 5**

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	1:200	A1	ND	15/12/22
Designed	Project No.	Dwg. No.	Issue		
ND	BR200435	KPS-C24.02	C		

EXISTING SERVICES NOTE:

1. NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE CAUSED ON SITE.
2. ALL REASONABLE CARE HAS BEEN TAKEN TO ACCURATELY SHOW THE POSITION OF EXISTING SERVICES. HOWEVER, THE POSITION OF SUCH SERVICES SHOULD BE PROVEN ON SITE AND NO GUARANTEE CAN BE GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. AREAS SURROUNDING EXISTING SERVICES ARE TO BE EXCAVATED BY HAND OR BY APPROVED VACUUM EXCAVATION CONTRACTOR.
3. CONTRACTOR TO CONFIRM THE LOCATION, SIZE AND DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - 3.1. WHERE REQUIRED, CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTHS OF ALL UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY WORKS.
4. ALL EXISTING SERVICE STRUCTURES OR LIDS AFFECTED BY THE WORKS ARE TO BE ADJUSTED TO MATCH PROPOSED NEW SURFACE LEVELS.
5. CONTRACTOR TO LAISE WITH RELEVANT AUTHORITY ON ANY REQUIRED PROTECTION/RELOCATION MEASURES AND INFORM ENGINEER OF APPROVED DESIGN PRIOR TO UNDERTAKING ANY WORKS.

TREES WITHIN PRIVATE PROPERTY HAVE NOT BEEN IDENTIFIED IN THE DETAILED SURVEY. CONTRACTOR TO ENGAGE AN ARBORIST TO ENSURE PROPOSED WORKS WILL NOT NEGATIVELY IMPACT TREES LOCATED WITHIN THE VERGE AND WITHIN ADJACENT PRIVATE PROPERTIES.

**S138 ROADS ACT 1993
DRIVEWAYS AND OTHER WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043**

TWEED SHIRE COUNCIL

EXISTING SERVICES LEGEND

- LOT BOUNDARY
- - - - - EXISTING CONTOUR (0.1m INTERVAL)
- EX-SW EXISTING STORMWATER
- EX-S EXISTING SEWER
- EX-W EXISTING WATER
- EX-OP EXISTING OVERHEAD POWER
- EX-E EXISTING ELECTRICAL - UNDERGROUND
- EX-T EXISTING TELECOMMUNICATIONS
- EX-F EXISTING FENCE

LEGEND

- PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
- EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
- PROPOSED SAW CUT

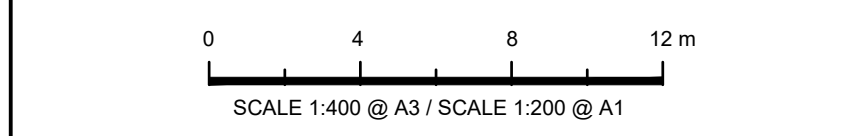
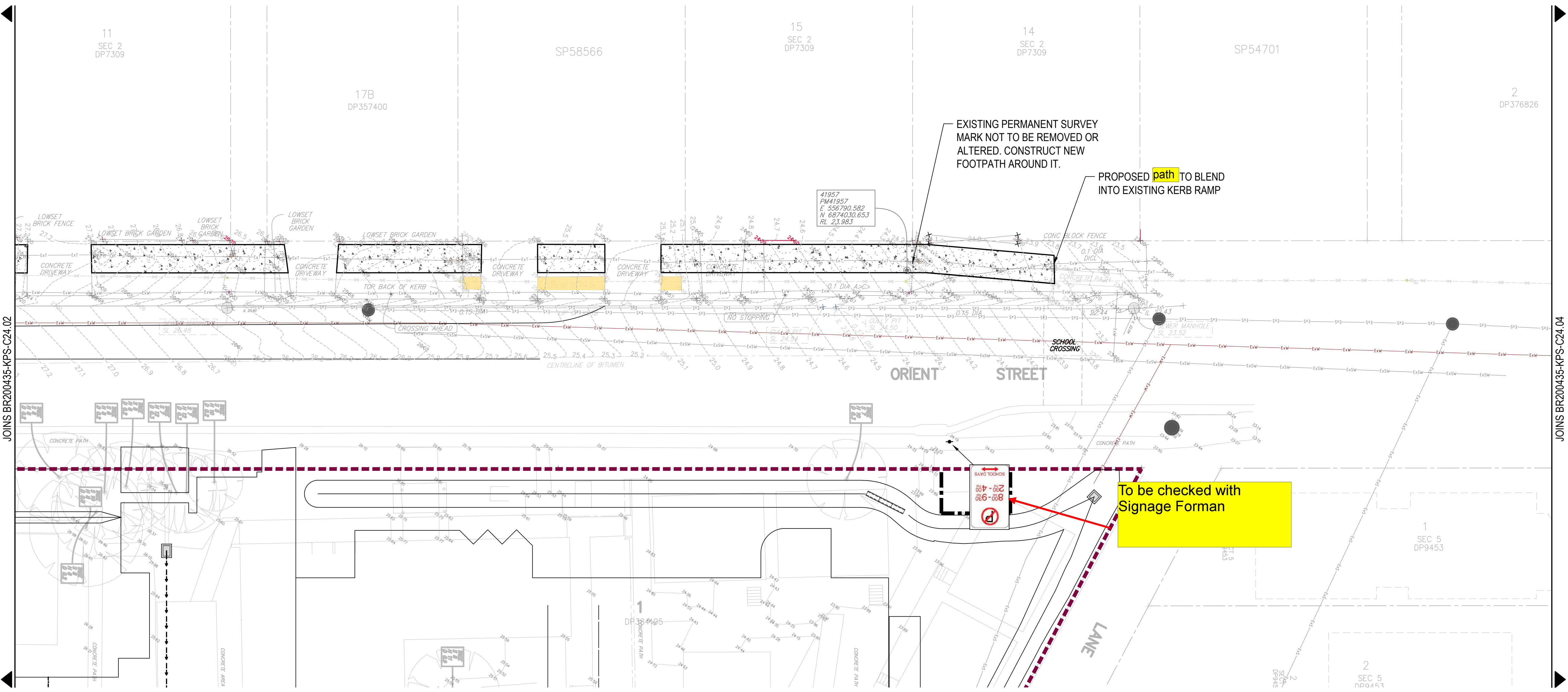
© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.

North

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



ISSUED FOR INFORMATION

Client

Project
**KINGSLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSLIFF NSW 2487

ACOR CONSULTANTS
ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS
Drawing Title
**EXTERNAL SITE WORKS
LAYOUT PLAN
SHEET 3 OF 5**

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	1:200	A1	ND	15/12/22
Designed	Project No	Dwg. No.	Issue		
ND	BR200435	KPS-C24.03	A		

EXISTING SERVICES NOTE:

- NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE CAUSED ON SITE.
- ALL REASONABLE CARE HAS BEEN TAKEN TO ACCURATELY SHOW THE POSITION OF EXISTING SERVICES. HOWEVER, THE POSITION OF SUCH SERVICES SHOULD BE PROVEN ON SITE AND NO GUARANTEE CAN BE GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. AREAS SURROUNDING EXISTING SERVICES ARE TO BE EXCAVATED BY HAND OR BY APPROVED VACUUM EXCAVATION CONTRACTOR.
- CONTRACTOR TO CONFIRM THE LOCATION, SIZE AND DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - WHERE REQUIRED, CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTHS OF ALL UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY WORKS.
- ALL EXISTING SERVICE STRUCTURES OR LIDS AFFECTED BY THE WORKS ARE TO BE ADJUSTED TO MATCH PROPOSED NEW SURFACE LEVELS. CONTRACTOR TO LIAISE WITH RELEVANT AUTHORITY ON ANY REQUIRED PROTECTION/RELOCATION MEASURES AND INFORM ENGINEER OF APPROVED DESIGN PRIOR TO UNDERTAKING ANY WORKS.

TREES WITHIN PRIVATE PROPERTY HAVE NOT BEEN IDENTIFIED IN THE DETAILED SURVEY. CONTRACTOR TO ENGAGE AN ARBORIST TO ENSURE PROPOSED WORKS WILL NOT NEGATIVELY IMPACT TREES LOCATED WITHIN THE VERGE AND WITHIN ADJACENT PRIVATE PROPERTIES.

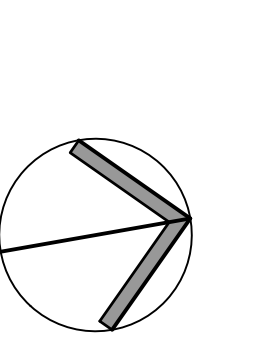
EXISTING SERVICES LEGEND

- LOT BOUNDARY
- EXISTING CONTOUR (0.1m INTERVAL)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING OVERHEAD POWER
- EXISTING ELECTRICAL - UNDERGROUND
- EXISTING TELECOMMUNICATIONS
- EXISTING FENCE

LEGEND

- PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
- EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
- PROPOSED SAW CUT
- 100mm 'NO STOPPING' LINE - YELLOW PAINT IN ACCORDANCE WITH TSC CONSTRUCTION SPECIFICATION C261

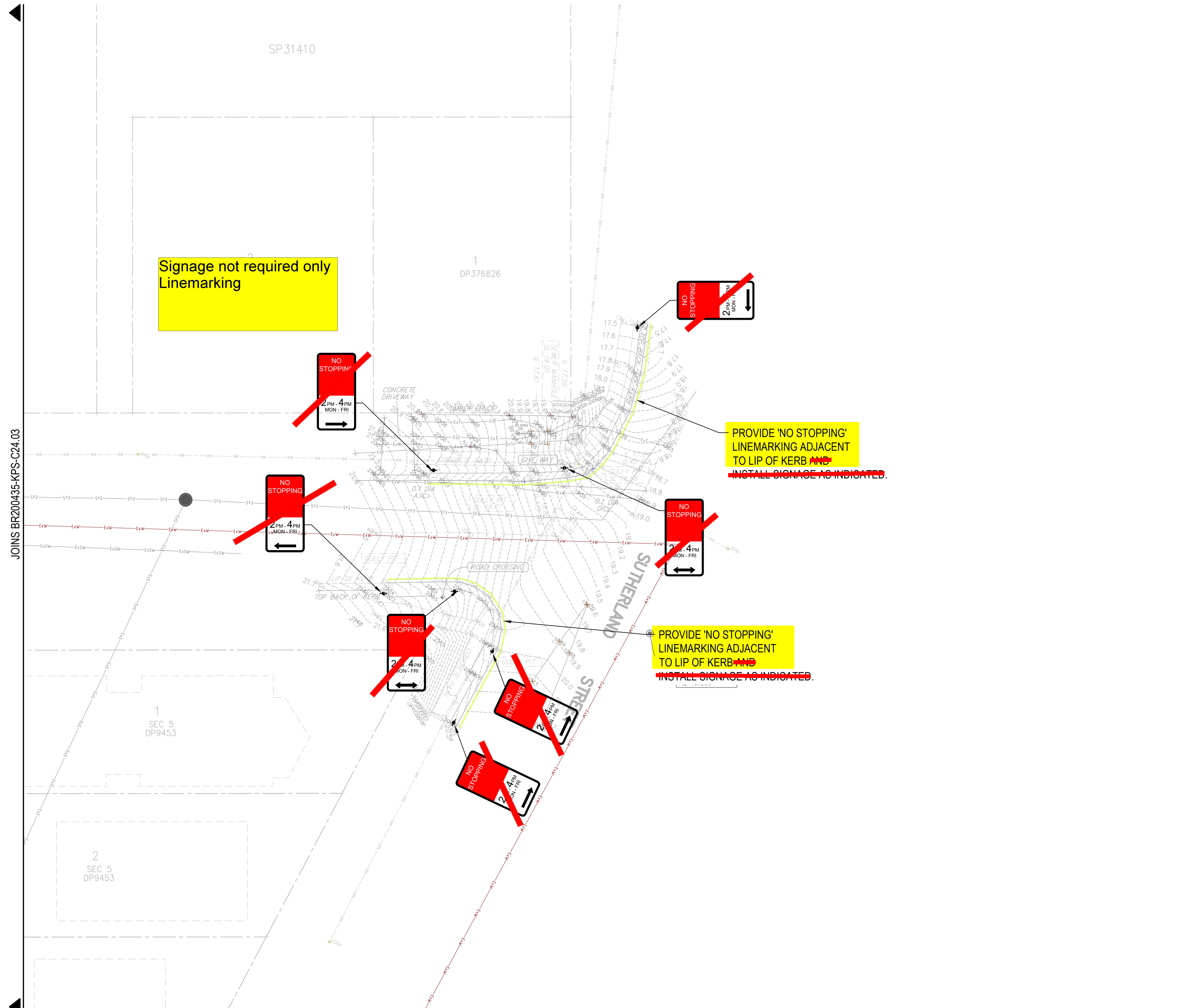
© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.



This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



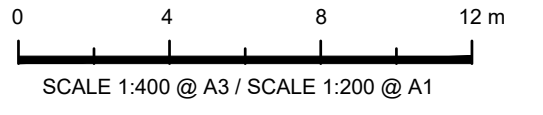
Signage not required only Linemarking

PROVIDE 'NO STOPPING' LINEMARKING ADJACENT TO LIP OF KERB AND INSTALL SIGNAGE AS INDICATED.

PROVIDE 'NO STOPPING' LINEMARKING ADJACENT TO LIP OF KERB AND INSTALL SIGNAGE AS INDICATED.

JOINS BR200435-KPS-C24.03

S138 ROADS ACT 1993
DRIVEWAYS AND OTHER WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043



ISSUED FOR INFORMATION

Client

Project
**KINGSCLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSCLIFF NSW 2487

ACOR CONSULTANTS
ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
**EXTERNAL SITE WORKS
LAYOUT PLAN
SHEET 4 OF 5**

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	1:200	A1	ND	15/12/22
Designed	Project No.	Dwg. No.	Issue		
ND	BR200435	KPS-C24.04	A		

KERB LIP SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
Start	0.000	556856.549	6873828.011	21.029	9°49'14.71"	LINE		
Point	5.834	556857.544	6873833.760	21.312	9°48'58.32"	LINE		0.000
TC	5.834	556857.544	6873833.760	21.312	9°48'58.35"	ARC	-2.750	2.132
CT	7.967	556857.098	6873835.791	21.395	325°23'14.64"	LINE		0.886
TC	8.853	556856.594	6873836.520	21.419	325°23'14.64"	ARC	1.550	1.202
CT	10.055	556856.342	6873837.665	21.480	9°49'10.51"	LINE		4.326
Point	14.381	556857.080	6873841.928	21.701	10°02'11.59"	LINE		12.662
Point	27.043	556859.287	6873854.397	22.407	9°59'58.00"	LINE		5.210
Point	32.254	556860.192	6873859.528	22.697	9°06'32.27"	LINE		3.233
Point	35.487	556860.704	6873862.720	22.873	10°23'15.21"	LINE		10.260
Point	45.748	556862.554	6873872.813	23.481	10°49'20.75"	LINE		9.699
Point	55.447	556864.375	6873882.339	24.055	11°45'41.64"	LINE		8.049
TC	63.496	556866.015	6873890.219	24.409	11°45'41.64"	ARC	1.550	1.217
CT	64.713	556866.683	6873891.199	24.465	56°45'41.11"	LINE		1.336
TC	66.048	556867.800	6873891.931	24.527	56°45'41.11"	ARC	-2.000	1.977
CT	68.025	556868.704	6873893.600	24.603	0°07'52.86"	LINE		1.845
End	69.870	556868.708	6873895.445	24.664	0°07'52.86"			

LEGEND

- PROPOSED CARPARK - PAVEMENT
- PROPOSED BARRIER KERB & CHANNEL - TO COUNCIL'S SPECIFICATIONS
- PROPOSED SAW CUT
- PROPOSED SURFACE LEVEL
- PROPOSED ELECTRICAL CONDUIT - REFER ELECTRICAL CONSULTANTS DRAWINGS FOR DETAILS
- PROPOSED SURFACE CONTOUR (0.20m INTERVAL)

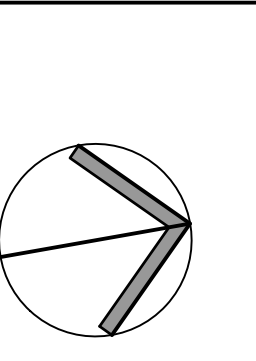
NOTE:
REFER TO TWEED SHIRE COUNCIL STANDARD DRAWING S.D.104 FOR STANDARD GULLY PIT DETAILS.

EXISTING SERVICES LEGEND

- LOT BOUNDARY
- EXISTING CONTOUR (0.1m INTERVAL)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING OVERHEAD POWER
- EXISTING ELECTRICAL - UNDERGROUND
- EXISTING TELECOMMUNICATIONS
- EXISTING FENCE

See drawing KPS-C24.05 for pavement design.

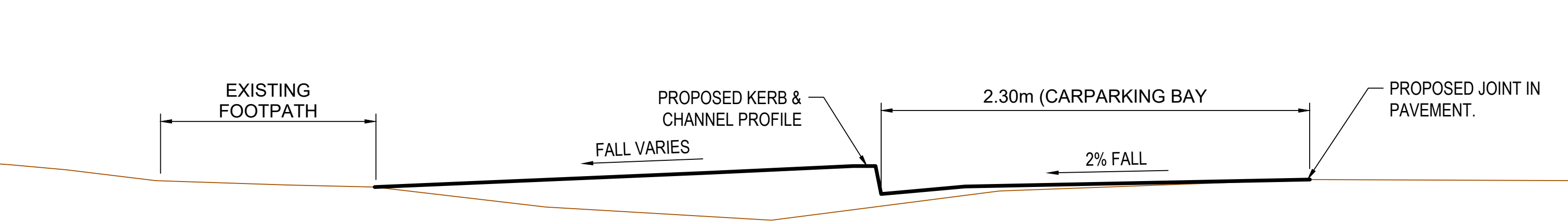
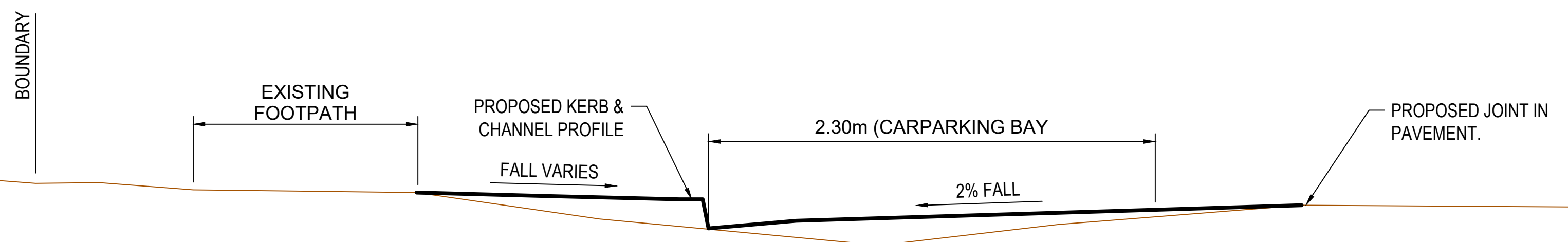
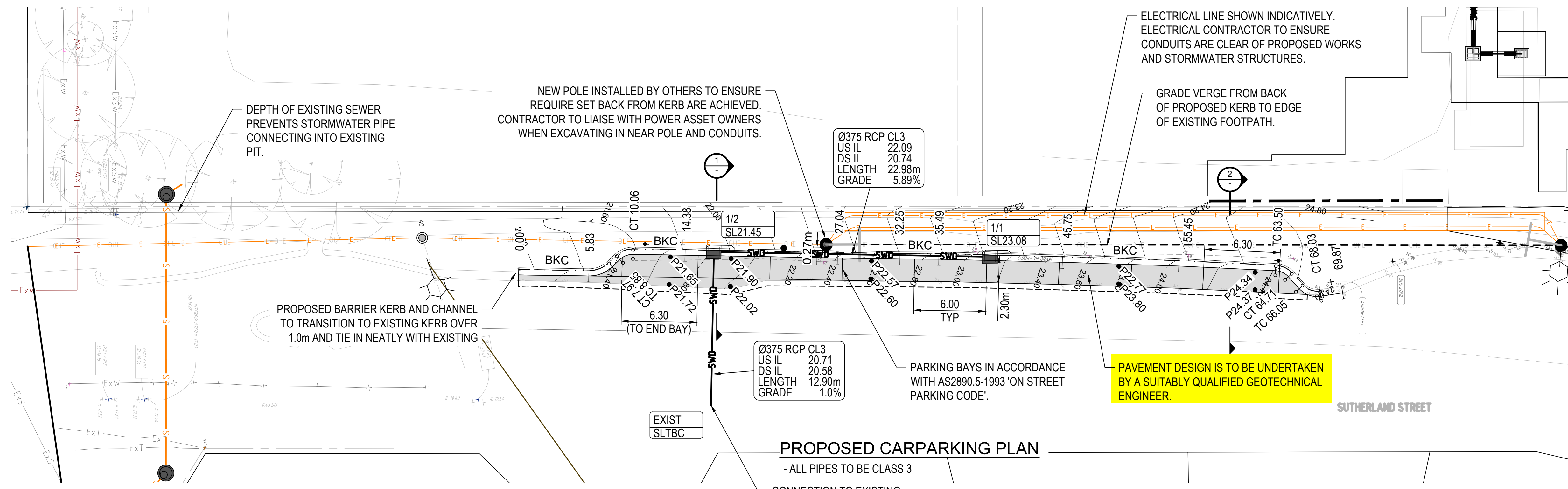
© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.



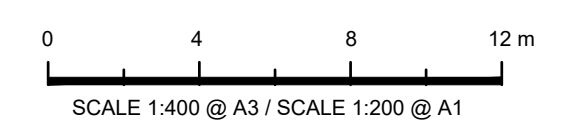
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

Issue	Description	Date	Drawn	Approved
A	FOR APPROVAL	30/08/23	SP	SS

ENGINEER'S CERTIFICATION
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



See drawing KPS-C24.05 for pavement design.



FOR APPROVAL

S138 ROADS ACT 1993
DRIVEWAYS AND OTHER WORKS
ON PUBLIC ROADS
APPROVAL
APPROVAL NO DWY23/0043

TWEED SHIRE COUNCIL

Client

Project
**KINGSLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)**
12 ORIENT STREET
KINGSLIFF NSW 2487

ACOR Consultants (QLD) Pty Ltd
Level 7, 22 Cordelia Street
South Brisbane QLD 4101
T +61 7 3844 5900

CONSULTANTS
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
EXTERNAL WORKS
ON-STREET CARPARKING - OPTION 1
TIE INTO EXISTING FOOTPATH

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
SP	30/08/23	1:200	A1	SS	30/08/23
Designed	Project No	Dwg. No.	Issue		
JV	BR200435	KPS-C24.07	A		

EXISTING SERVICES NOTE:

1. NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE CAUSED ON SITE.
2. ALL REASONABLE CARE HAS BEEN TAKEN TO ACCURATELY SHOW THE POSITION OF EXISTING SERVICES. HOWEVER, THE POSITION OF SUCH SERVICES SHOULD BE PROVEN ON SITE AND NO GUARANTEE CAN BE GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. AREAS SURROUNDING EXISTING SERVICES ARE TO BE EXCAVATED BY HAND OR BY APPROVED VACUUM EXCAVATION CONTRACTOR.
3. CONTRACTOR TO CONFIRM THE LOCATION, SIZE AND DEPTH OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - 3.1. WHERE REQUIRED, CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTHS OF ALL UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY WORKS.
4. ALL EXISTING SERVICE STRUCTURES OR LIDS AFFECTED BY THE WORKS ARE TO BE ADJUSTED TO MATCH PROPOSED NEW SURFACE LEVELS.
5. CONTRACTOR TO LAISE WITH RELEVANT AUTHORITY ON ANY REQUIRED PROTECTION/RELOCATION MEASURES AND INFORM ENGINEER OF APPROVED DESIGN PRIOR TO UNDERTAKING ANY WORKS.

EXISTING SERVICES LEGEND

TREES WITHIN PRIVATE PROPERTY HAVE NOT BEEN IDENTIFIED IN THE DETAILED SURVEY. CONTRACTOR TO ENGAGE AN ARBORIST TO ENSURE PROPOSED WORKS WILL NOT NEGATIVELY IMPACT TREES LOCATED WITHIN THE VERGE AND WITHIN ADJACENT PRIVATE PROPERTIES.

TWEED SHIRE COUNCIL

- LOT BOUNDARY
- EXISTING CONTOUR (0.1m INTERVAL)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING OVERHEAD POWER
- EXISTING ELECTRICAL - UNDERGROUND
- EXISTING TELECOMMUNICATIONS
- EXISTING FENCE

LEGEND

- PROPOSED CONCRETE FOOTPATH - REFER CIVIL TO TSC STANDARD DRAWING S.D.013
- EXISTING FOOTPATH TO BE REMOVED AND REPLACED WITH TOPSOIL AND TURF TO EXISTING LEVELS
- PROPOSED SAW CUT
- 100mm 'NO STOPPING' LINE - YELLOW PAINT IN ACCORDANCE WITH TSC CONSTRUCTION SPECIFICATION C261

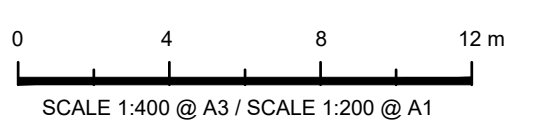
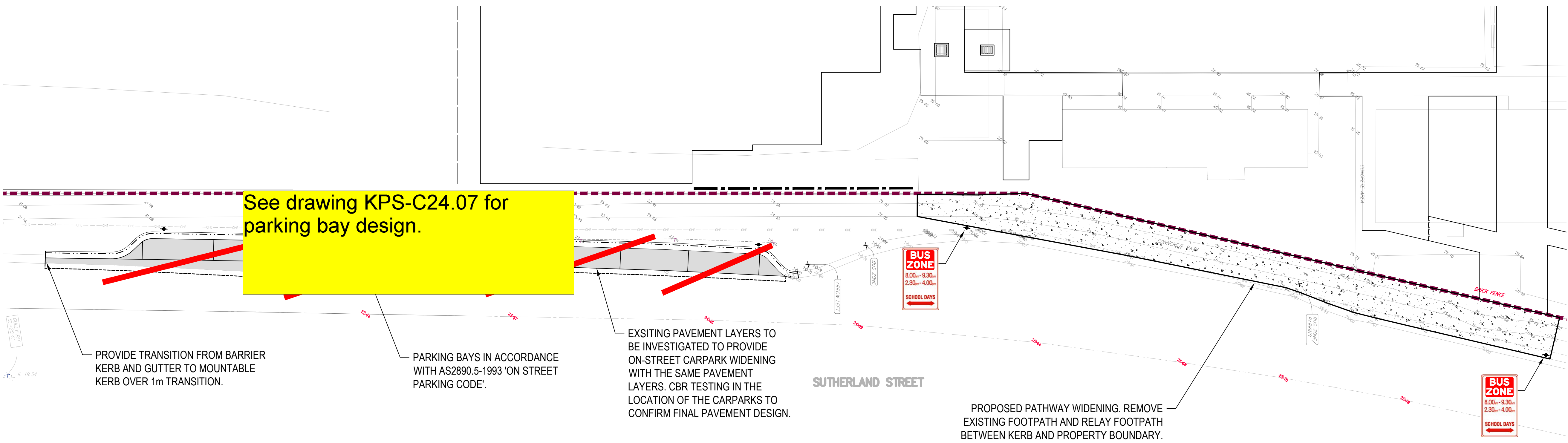
© COPYRIGHT of this design and plan is the property of ACOR Consultants (QLD) Pty Ltd, ACN 126 011 087 ABN 18 126 011 087, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (QLD) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (QLD) Pty Ltd by ACOR Consultants Pty Ltd.

North

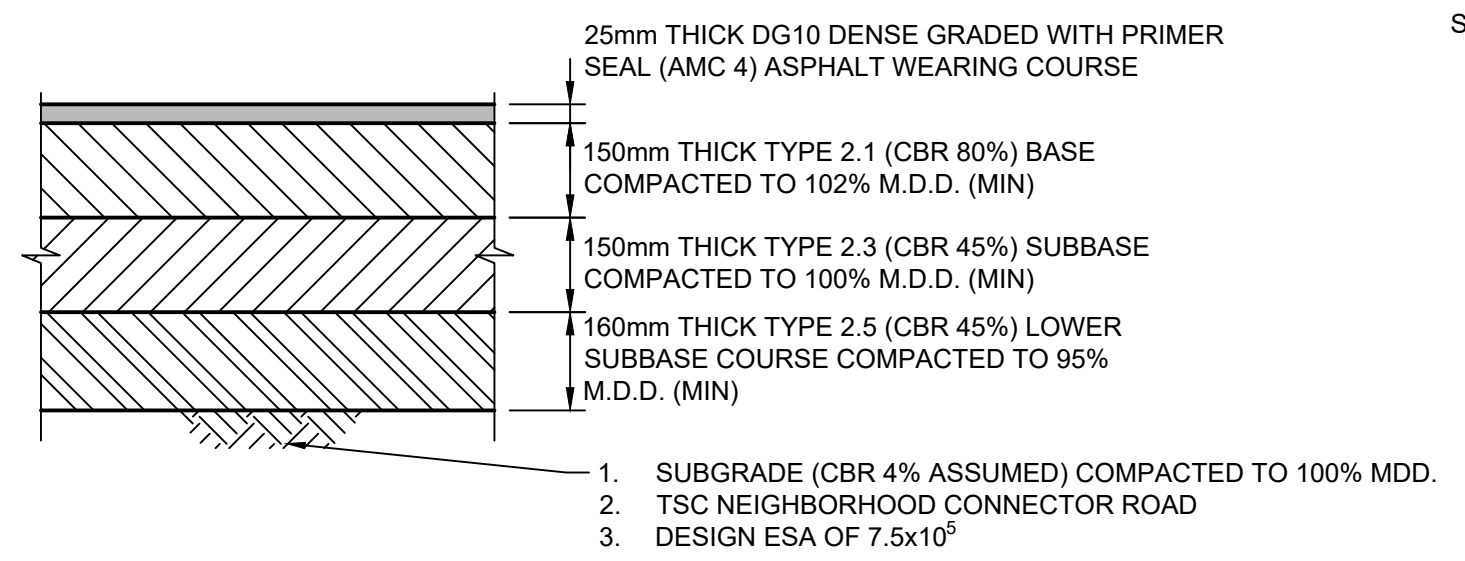
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:

Issue	Description	Date	Drawn	Approved
A	ISSUED FOR INFORMATION	15/12/22	MCG	ND
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---

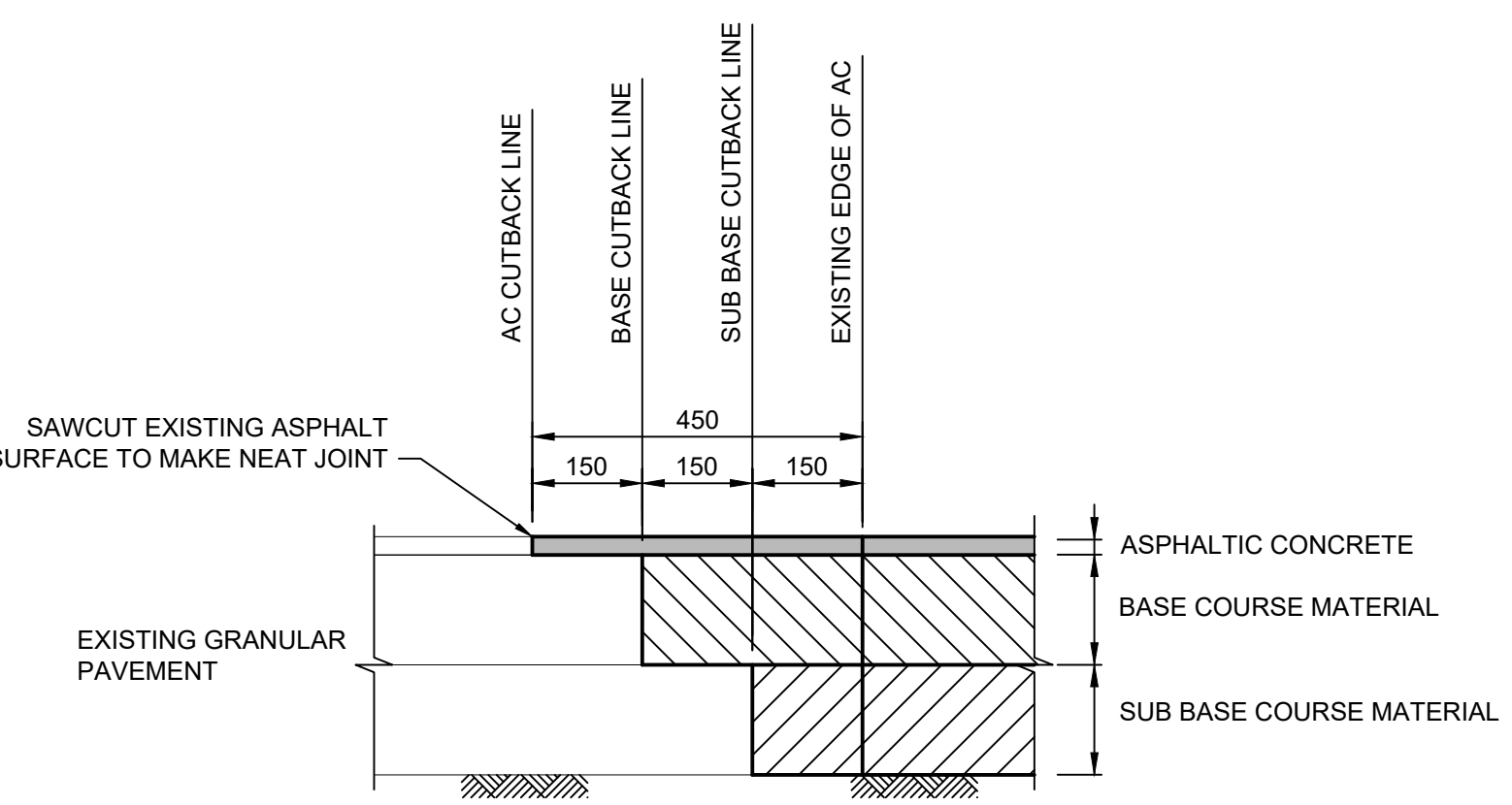
ENGINEER'S CERTIFICATION
 This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by:



ISSUED FOR INFORMATION



PRELIMINARY A.C. PAVEMENT DETAIL
 SCALE 1:10



GRANULAR PAVEMENT JOINT DETAIL
 SCALE 1:10

Client

Project
KINGSLIFF PRIMARY SCHOOL
STAGE 2 MAIN WORKS
(EXTERNAL CIVILS)
 12 ORIENT STREET
 KINGSLIFF NSW 2487

ACOR CONSULTANTS (QLD) Pty Ltd
 Level 7, 22 Cordelia Street
 South Brisbane QLD 4101
 T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title
EXTERNAL SITE WORKS
LAYOUT PLAN
SHEET 5 OF 5

Drawn	Date	Scale	Sheet Size	C.A. Check	Date
MCG	28/10/22	1:200	A1	ND	15/12/22
Designed	Project No.	Dwg. No.	Issue		
ND	BR200435	KPS-C24.05	A		