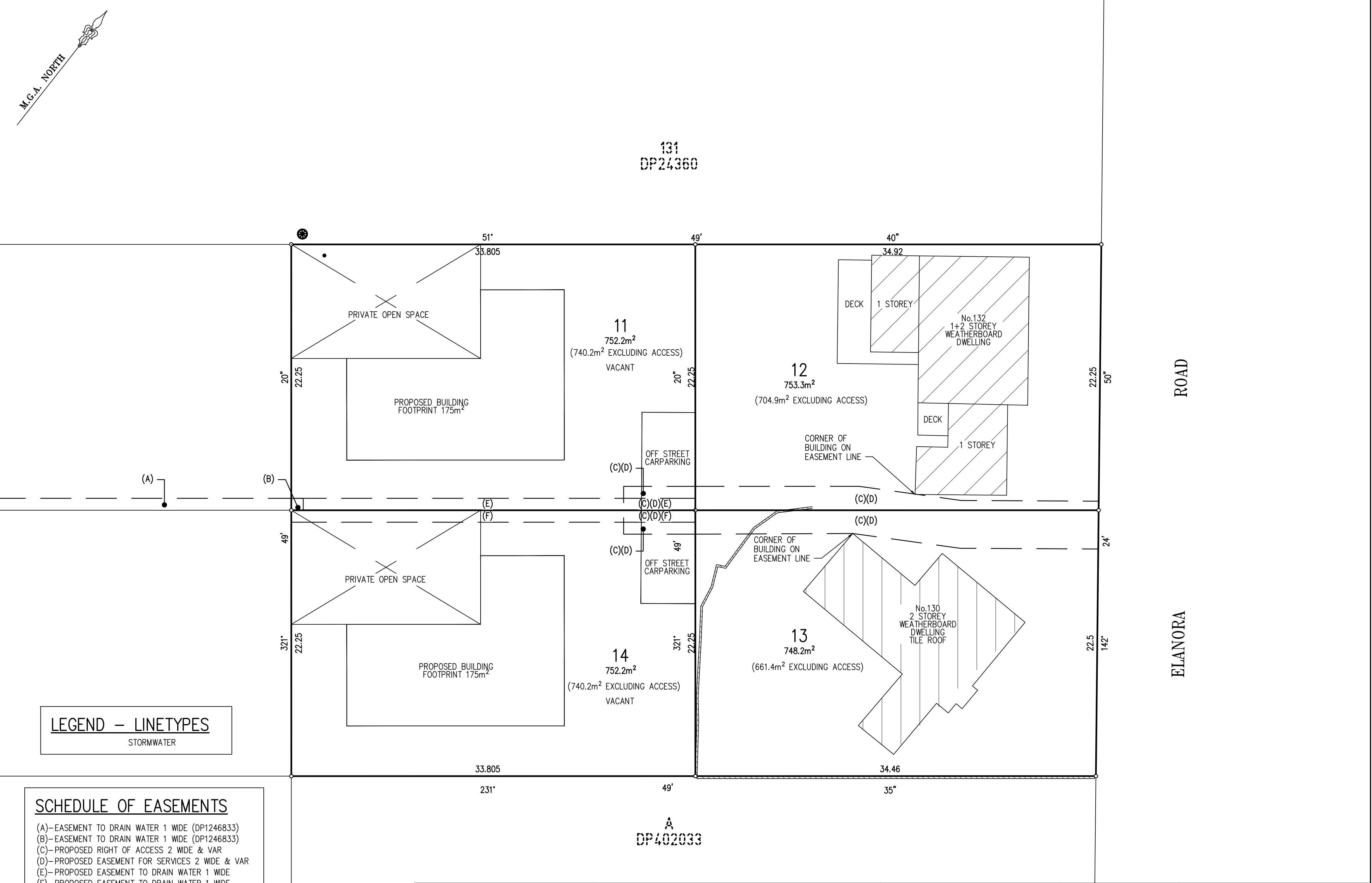


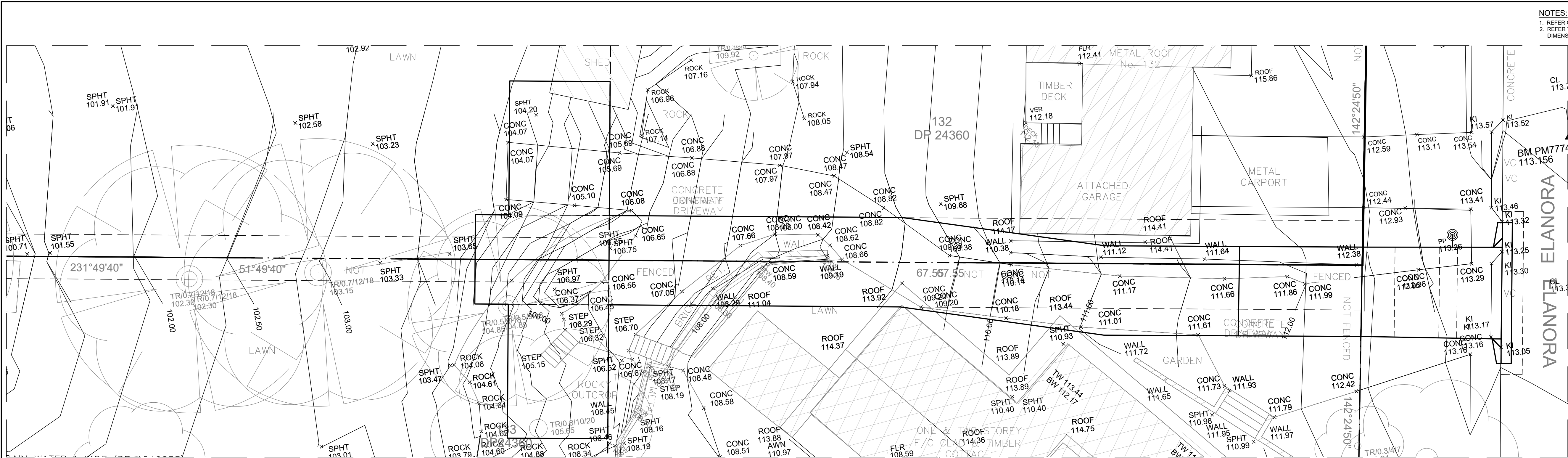


LEGEND – LINETYPES

STORMWATER

SCHEDULE OF EASEMENTS									
(A)–EASEMENT TO DRAIN WATER 1 WIDE (DP1246833)									
(B)–EASEMENT TO DRAIN WATER 1 WIDE (DP1246833)									
(C)–PROPOSED RIGHT OF ACCESS 2 WIDE & VAR									
(D)–PROPOSED EASEMENT FOR SERVICES 2 WIDE & VAR									
(E)–PROPOSED EASEMENT TO DRAIN WATER 1 WIDE									
(F)–PROPOSED EASEMENT TO DRAIN WATER 1 WIDE									
EASEMENTS AND BOUNDARIES CAN BE AMENDED, ADDED OR REMOVED ON THE FINAL PLAN PREPARED UPON COMPLETION OF BUILDING WORKS									

Surveyor: IVAN VICTOR STERLIGOV Date of Survey: DD/MM/YYYY Surveyor's Ref: 19051–DSUB	PLAN OF PROPOSED SUBDIVISION OF LOT 132 & 133 D.P.24360	LGA: NORTHERN BEACHES Locality: ELANORA HEIGHTS Subdivision No: XXXXXX Lengths are in metres. Reduction Ratio 1: 200	REGISTERED	DP DRAFT PRINTED 28 FEBRUARY, 2020
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NOTES:
1. REFER GENERAL NOTES FOR SPECIFICATIONS
2. REFER TO ARCHITECTS DRAWINGS FOR ALL SET-OUT
DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS

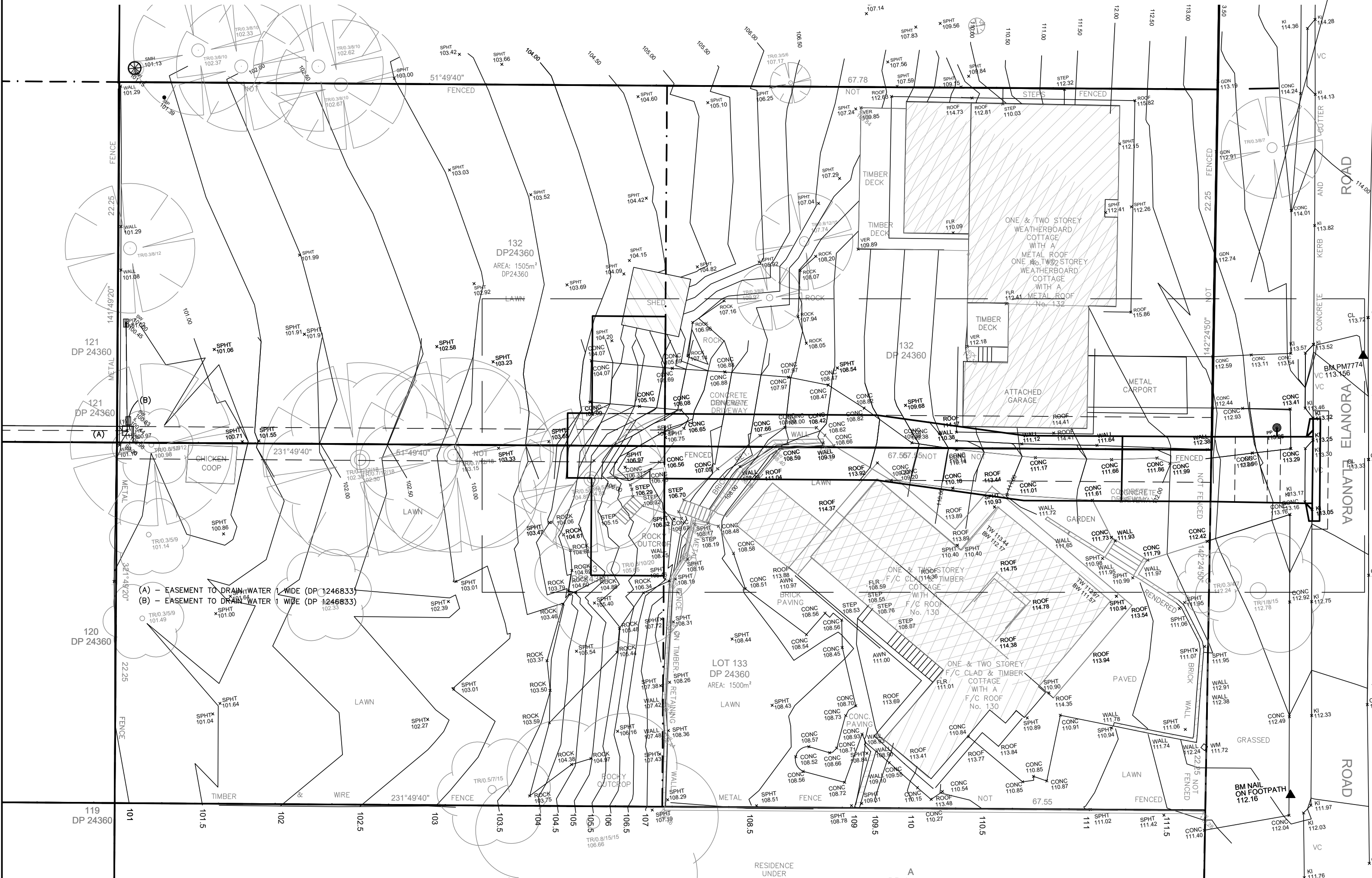
ALL DRAWINGS, REPORTS, SPECIFICATIONS, BILLS OF QUANTITIES, CALCULATIONS AND ANY OTHER RELEVANT DOCUMENTS
WHICH THIS PROJECT SHALL REMAIN THE PROPERTY OF PORTES ENGINEERS AUSTRALIA. PROVIDED BY PFS Pty. LIMITED IN CONNECTION WITH THIS PROJECT.

PORTES

NEW DRIVEWAY DETAIL PARTIAL PLAN

1:100 @ A1

NOTE:
REFER TO C2.0 FOR DRIVEWAY DETAILS AND SECTIONS



NEW DRIVEWAY DETAIL PARTIAL PLAN

1:200 @ A1

NOTE:
REFER TO C2.0 FOR DRIVEWAY DETAILS AND SECTIONS



Registered Professional Engineer 1149560
Mr Marcio Rodrigues Portes
MIEAust CPEng (Civil/Structural) NPBR

Signature:  Date: _____
Registered on the NPBR in the Category of
Civil/Structural
National Professional Engineers Register

NO INSPECTION = NO CERTIFICATE

IF IN DOUBT ASK

C	ISSUED FOR COMMENTS	GL	25-10-2019
B	ISSUED AS REQUESTED	GL	02-09-2019
A	ISSUED FOR COMMENTS	GL	23-07-2019
Issue	Description	By	Date

REVISION

ARCHITECTURAL DESIGN

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Civil & Structural Engineers

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Email: info@portes.com.au www.portes.com.au

PROJECT TITLE:
PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
ELANORA HEIGHTS NSW
for COSIMO & KELLY GALLO

DRAWING TITLE:
VEHICULAR CROSSING
RESIDENTIAL

DRAWN:	DESIGN:	DRAWING SIZE
GL	MP	A1
DATE:	SCALE: UNO	
17-07-2019	1:100 @ A1 1:200 @ A3	

PROJECT NUMBER:
19-240

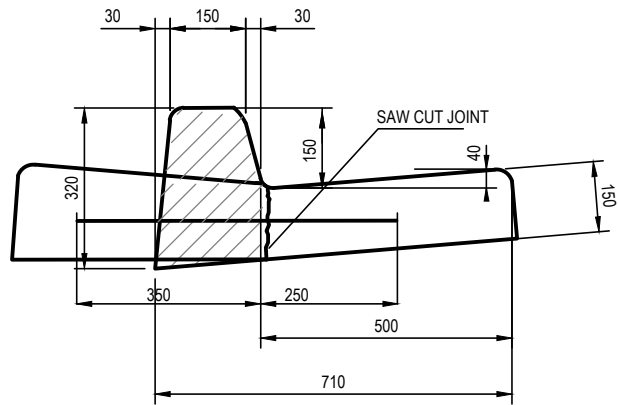
DRAWING NUMBER:
C1.0

ISSUE:
C

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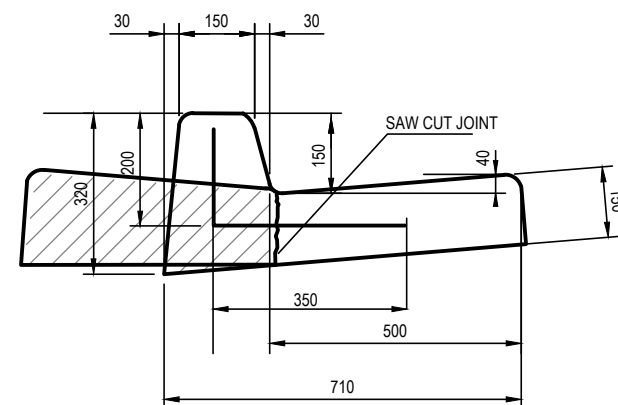
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REPLACING SA KERB WITH LAYBACK DETAILS

1. SAWCUT 50mm AT GUTTER
2. DEMOLISH KERB
3. INSTALL 500mm N12 GALVANIZED DEFORMED BARS DRILL AND EPOXY FIX AT 500mm CTRS 250mm INTO EXISTING CONCRETE
4. FROM AND POUR LAYBACK IN 32 MPa CONCRETE



REPLACING LAYBACK WITH SA KERB DETAILS

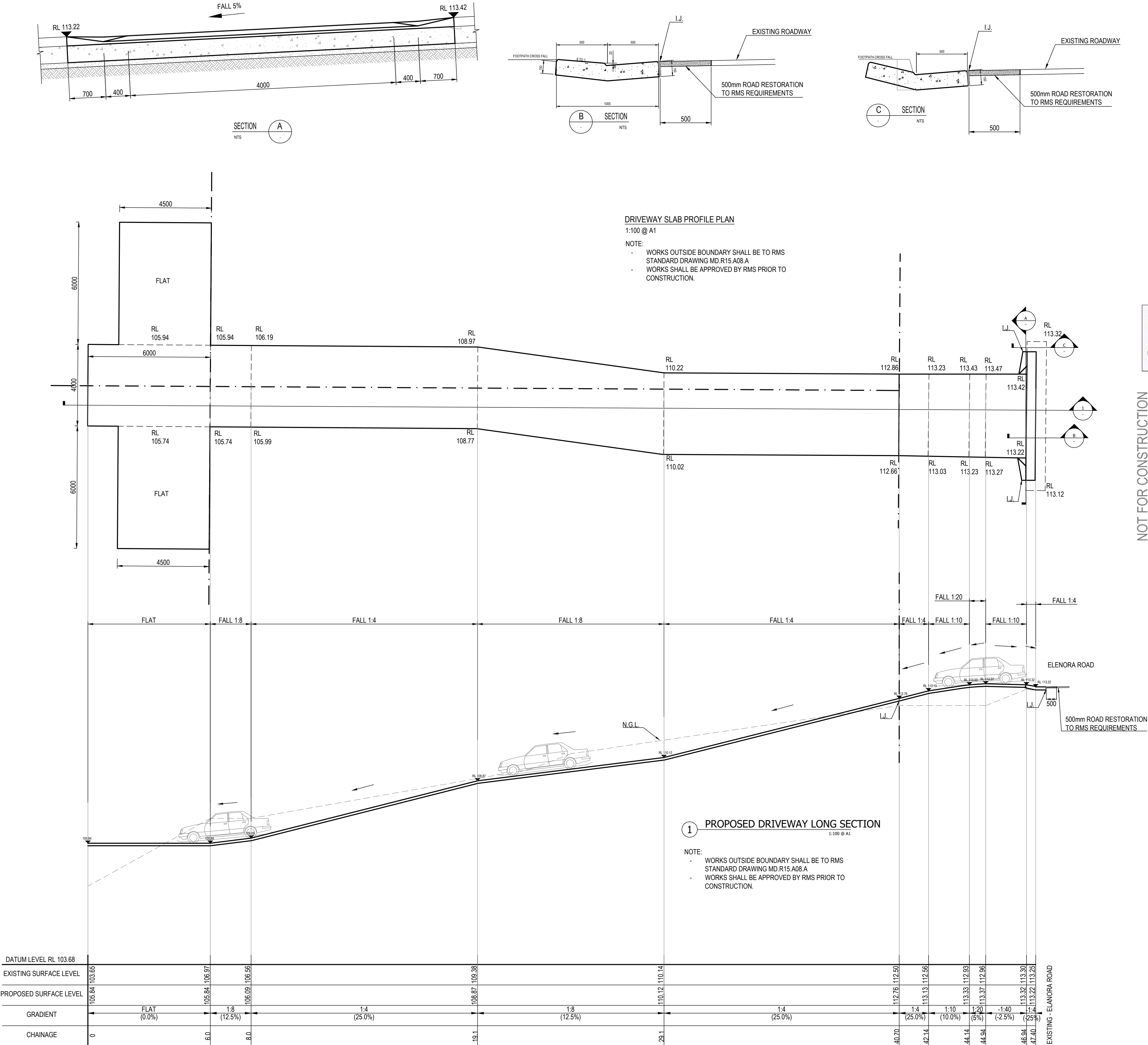
1. SAWCUT 50mm AT GUTTER
2. DEMOLISH LAYBACK
3. INSTALL 50mm X 200mm N12 GALVANIZED DEFORMED BARS DRILL AND EPOXY FIX AT 500mm CTRS 250mm INTO EXISTING CONCRETE
4. FROM AND POUR KERB IN 32 MPa CONCRETE

GENERAL

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S 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 ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- G2. ALL DIMENSIONS REFER TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED.
- G3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE STRUCTURAL DRAWINGS.
- G4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL LEVELS ARE EXPRESSED IN METRES.
- G5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVERSTRESSED UNDER CONSTRUCTION ACTIVITIES.
- G6. WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE REFER CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS, AND THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- G7. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM THE ENGINEER BUT IS NOT AN AUTHORIZATION FOR AN EXTRA. ANY EXTRAS INVOLVED MUST BE TAKEN UP WITH THE OWNER / CLIENT / ARCHITECT BEFORE THE WORK COMMENCES.
- G8. ROOF CONSTRUCTION:- ALL ROOFS TO BE TIED DOWN WITH H.D. GALV. STRAPS AS PER GOOD BUILDING PRACTICE. IF BUILDER IS IN DOUBT HE MUST GET GUIDANCE FROM THE ENGINEER.
- G9. IF STRUCTURAL DRAWINGS DO NOT COVER A PARTICULAR STRUCTURAL DETAIL, THEN THE BUILDER SHALL SKETCH UP DETAIL AND FAX IT TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO ERECTION.
- G10. THE WORD 'THE ENGINEER' USED IN THESE NOTES REFER TO AN EMPLOYEE OR NOMINATED REPRESENTATIVE OF **PORTES PROJECT AND SERVICES**
- G11. THE CONTRACTOR IS TO EMPLOY A QUALIFIED GEOTECHNICAL ENGINEER AS REQUIRED FOR ALL GEOTECHNICAL ASPECTS OF THE BUILDING WORKS. REFER TO FOUNDATION, GROUNDWORKS AND RETENTION/SHORING NOTES. REFER ALSO TO THE GEOTECHNICAL REPORT FOR THIS PROJECT.
- G12. THE CONTRACTOR MUST INSPECT AND SIGN OFF ALL STRUCTURAL ELEMENTS (e.g. CONCRETE PROFILES OF SLABS, BEAMS, REINFORCEMENT COVERS, STEEL & TIMBER BEAMS, PURLIN SIZES & CONNECTIONS etc.) PRIOR TO REQUESTING AN INSPECTION FROM PPS. THE ENGINEER IS TO BE GIVEN 48 HOURS NOTICE OF INSPECTIONS BEING REQUIRED BEFORE ANY STRUCTURAL WORK IS CONCEALED.
- G13. SUB-CONTRACTOR FOR PRECAST CONCRETE PANELS, POST-TENSIONED SLABS & STRUCTURAL STEELWORK SHALL SUBMIT MINIMUM OF 2 COPIES OF SHOP DRAWINGS TO THE ENGINEER FOR REVIEW & TO BE APPROVED PRIOR TO FABRICATION AND CONSTRUCTION.
- G14. ALL SERVICE CONSULTANTS WORKS FOR SEWERAGE, DRAINAGE, HYDRAULICS, ELECTRICAL, LIFTS, AIR CONDITIONING etc., THAT ARE NOT SHOWN ON OUR DRAWINGS SHALL BE THE RESPONSIBILITY OF OTHERS.
- G15. THE "TENDER" ISSUE SET OF THESE DRAWINGS IS BASED ON PRELIMINARY ARCHITECTURAL INFORMATION AND PRELIMINARY ENGINEERING DESIGN. QUANTITIES AND RATES GIVEN ARE FOR INITIAL PRICING AND MAY VARY IN LATER "FOR CONSTRUCTION" ISSUE DOCUMENTS. THE TENDERER IS TO ALLOW FOR THIS WITH NO CLAIM FOR A VARIATION.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 AND OTHER RELEVANT AUSTRALIAN CODES.



- NOTES:
1. REFER GENERAL NOTES FOR SPECIFICATIONS
 2. REFER TO ARCHITECTS DRAWINGS FOR ALL SET-OUT DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS

ENGINEERS AUSTRALIA

Registered Professional Engineer 1149560
Mr Marcio Rodrigues Portes
MIEast CPEng (Civil/Structural) NPFR

Signature: [Signature] Date: [Date]
Registered on the NPFR in the Category of
Civil/Structural
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Issue	Description	By	Date
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REVISION

ARCHITECTURAL DESIGN

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PROJECT TITLE:

PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
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DRAWING TITLE:

VEHICULAR CROSSING
RESIDENTIAL

DRAWN:	DESIGN:	DRAWING SIZE
GL	MP	A1

DATE:	SCALE: UNO
17-07-2019	1:100 @ A1 1:200 @ A3

PROJECT NUMBER:

19-240

DRAWING NUMBER:

C2.0

ISSUE:

C

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