

PROPOSED SUBDIVISION AT LOT 10, 25 KEVIN AVENUE, AVALON CIVIL DESIGN



LOCALITY PLAN
NOT TO SCALE
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DRAWING REGISTER			
SHEET No.	No.	TITLE	REV
1	SW100	COVER SHEET	A
2	SW200	STORMWATER DRAINAGE DESIGN - DRAINAGE PLAN	A
3	SW300	STORMWATER DRAINAGE DESIGN - DETAILS SHEET	A
4	SW400	EROSION AND SEDIMENT CONTROL - PLAN & DETAILS	A
5	SW500	CIVIL DESIGN - SUBDIVISION PLAN	A
6	SW600	CIVIL DESIGN - LONG SECTION	A
7	SW700	CIVIL DESIGN - CROSS SECTIONS	A



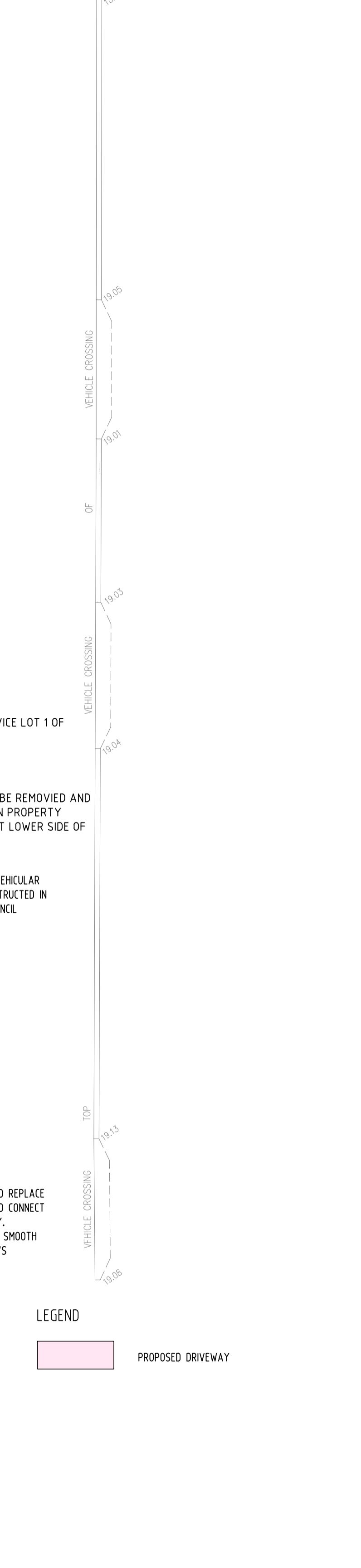
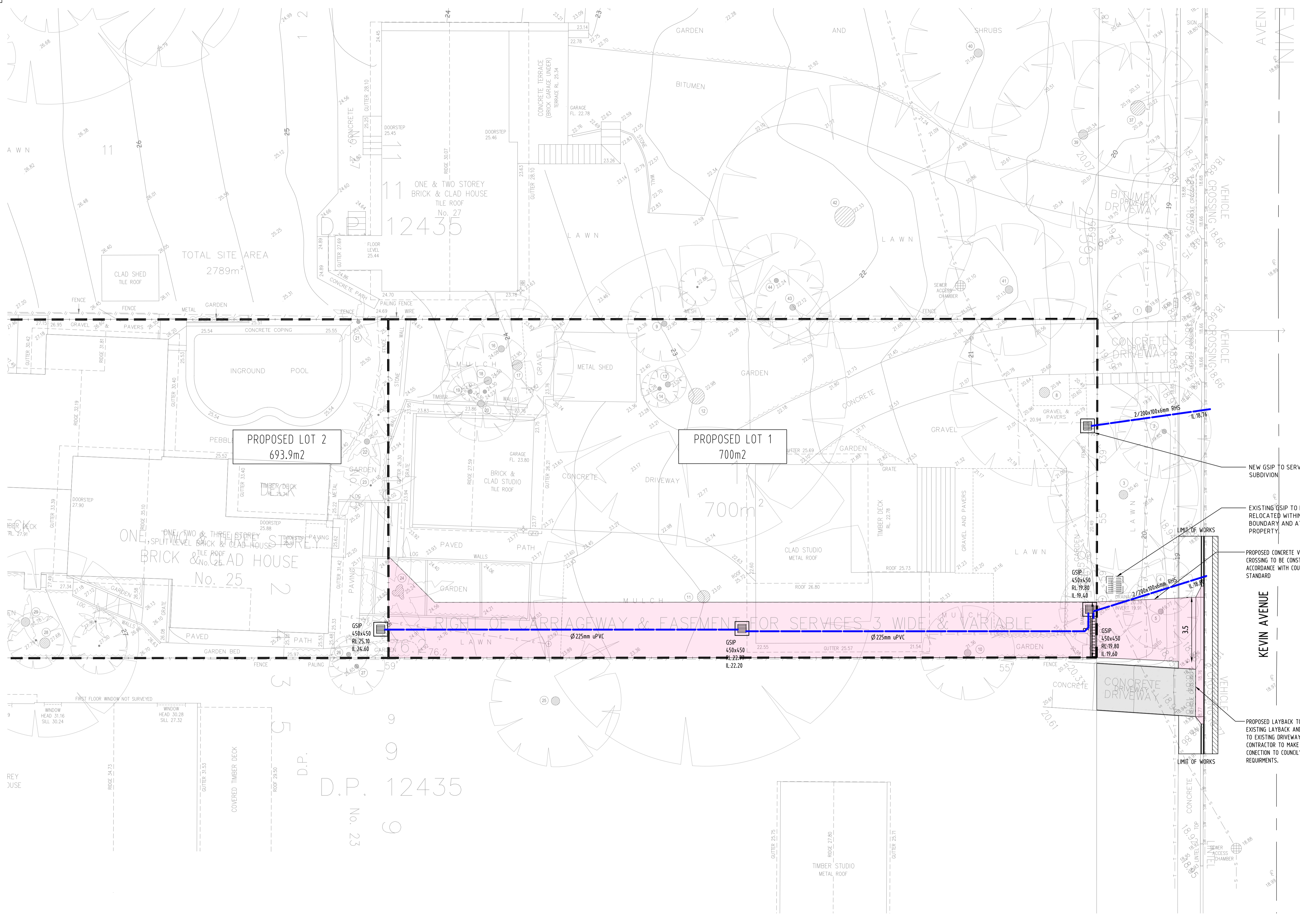
PREPARED BY:
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ARCHITECT:

CLIENT:

SIXJAY DEVELOPMENTS

SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.



LEGEND

[Pink shaded area]	PROPOSED DRIVEWAY
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ISSUED FOR APPROVAL
 Issue Last revision title by Date Status

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ASPH			
STRUCT			
MEEH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

Issue internal sequence and revision history

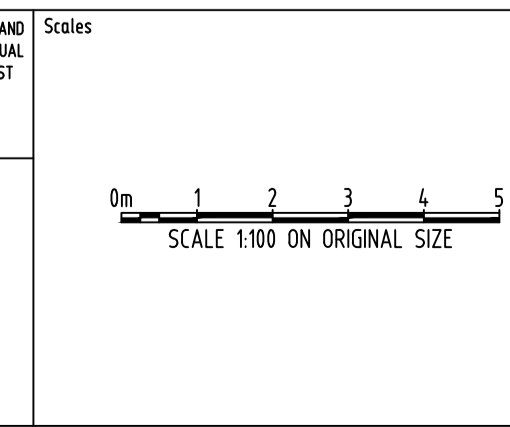
Issue	Internal sequence	Revision history
1-preliminary	2-development application	3-construction certificate
4-tender	5-construction	6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ASPH			
STRUCT			
MEEH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL

DRAWN	DATE
JD	04.03.2020
SH	04.03.2020
JD	04.03.2020
SH	04.03.2020
SH	04.03.2020

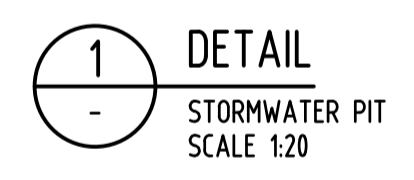
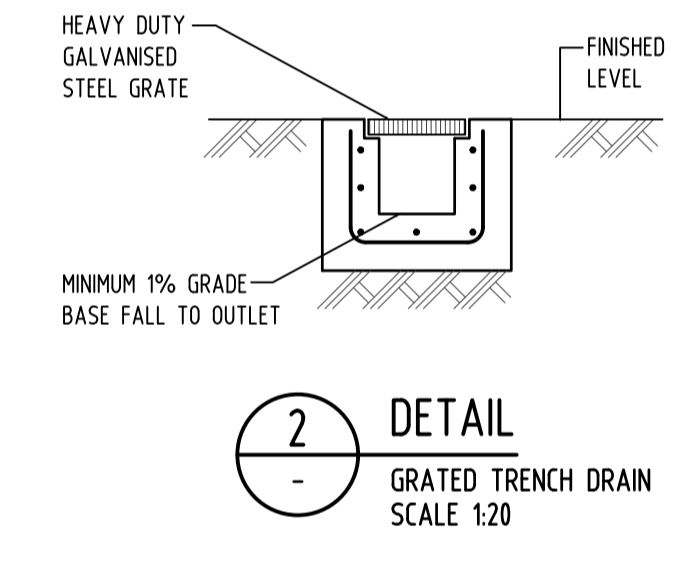
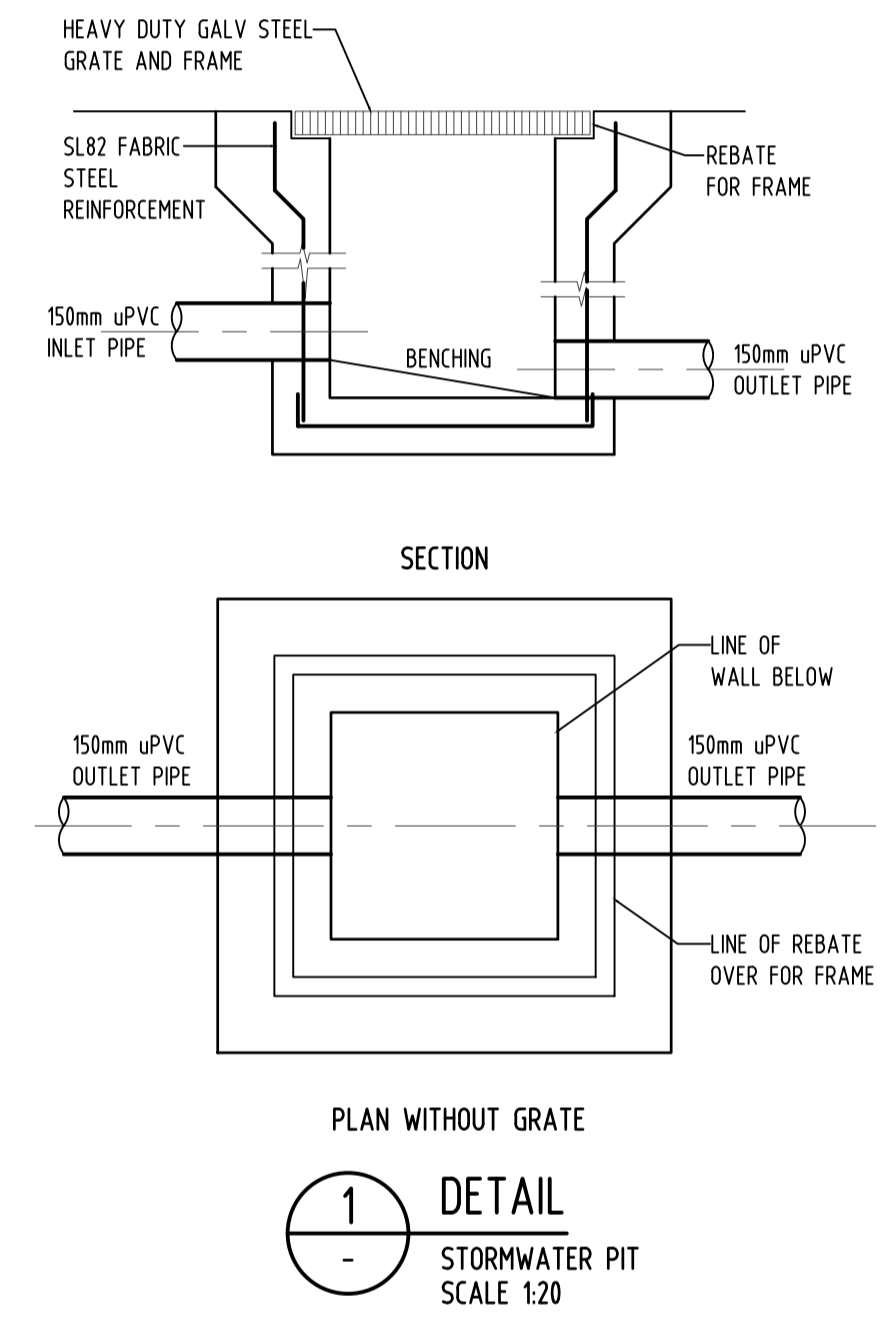


CLIENT: SIXJAY DEVELOPMENTS
 ARCHITECT: [Name]

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PROJECT: PROPOSED SUBDIVISION
 25 KEVIN AVENUE, AVALON BEACH

Drawing Status	PRELIMINARY
Drawing Title	NOT TO BE USED FOR CONSTRUCTION PURPOSES STORMWATER DRAINAGE DESIGN DRAINAGE PLAN
Project No	20200039
Drawing No	SW200
Revision No	A

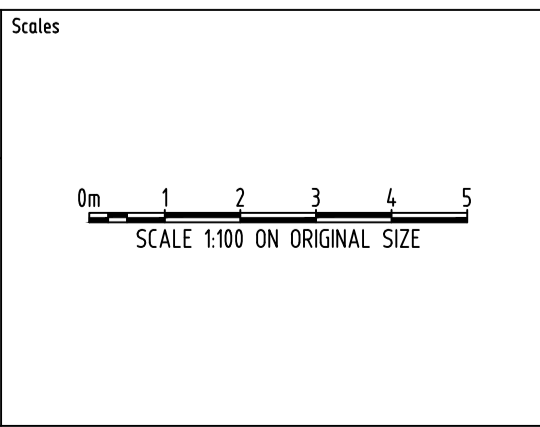


Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MEEH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

ENGINEERS AUSTRALIA
 Chartered Professional Engineer
 MEMBER

QUALITY CONTROL			
STATUS	BY	DATE	REVISION
DRAWN	JD	04.03.2020	1
CHECKED	SH	04.03.2020	2
DESIGNED	JD	04.03.2020	3
VERIFIED	SH	04.03.2020	4
APPROVED	SH	04.03.2020	5

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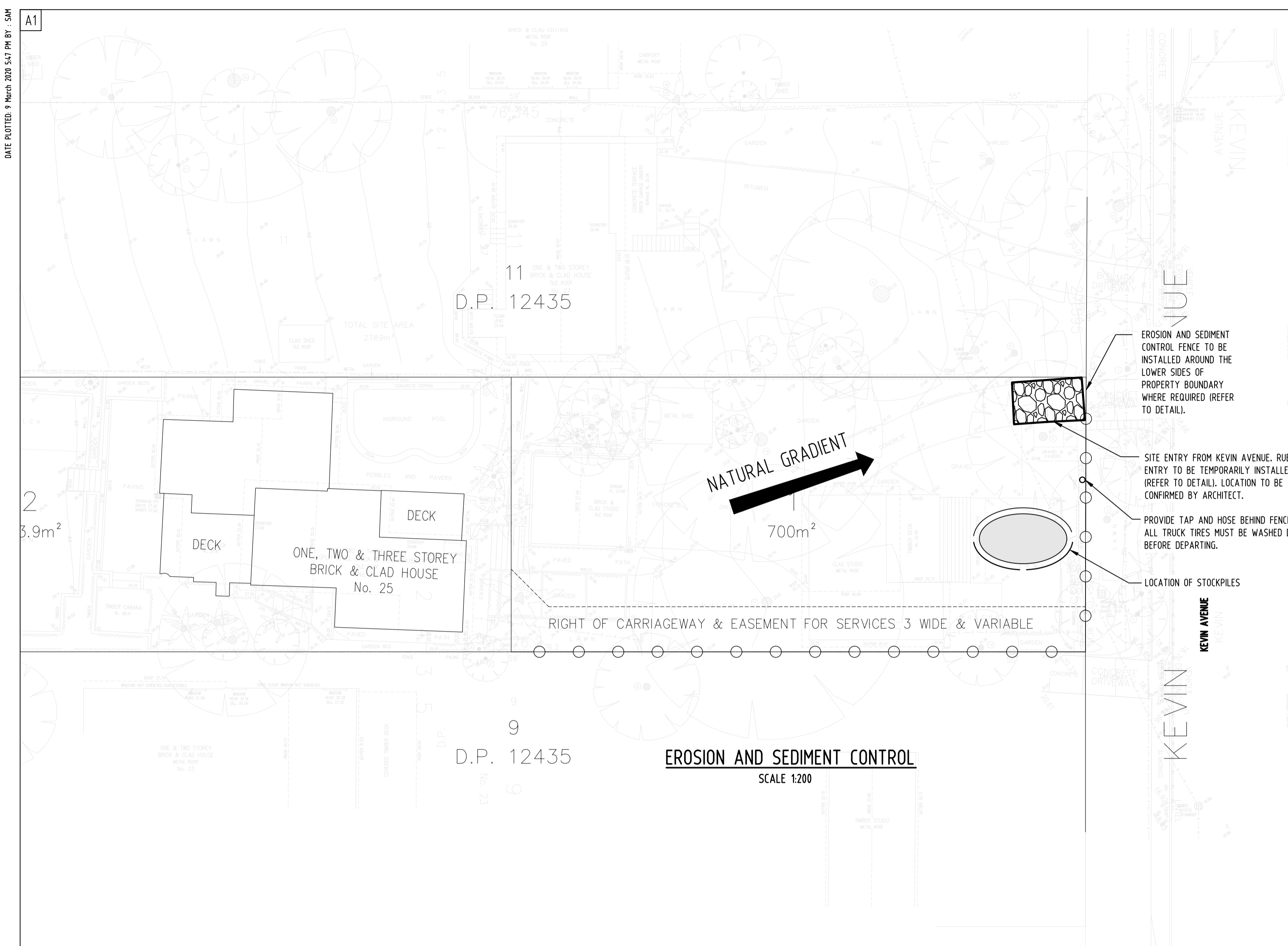
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PROJECT
PROPOSED SUBDIVISION
 25 KEVIN AVENUE,
 AVALON BEACH

Drawing Status	PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER DRAINAGE DESIGN DETAILS PLAN
Project No	20200039
Drawing No	SW300
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	3 of 7	1:100 @ A1

A.B.N. 21 118 222 530



EROSION AND SEDIMENT CONTROL
SCALE 1:200

EROSION & SEDIMENTATION CONTROL NOTES

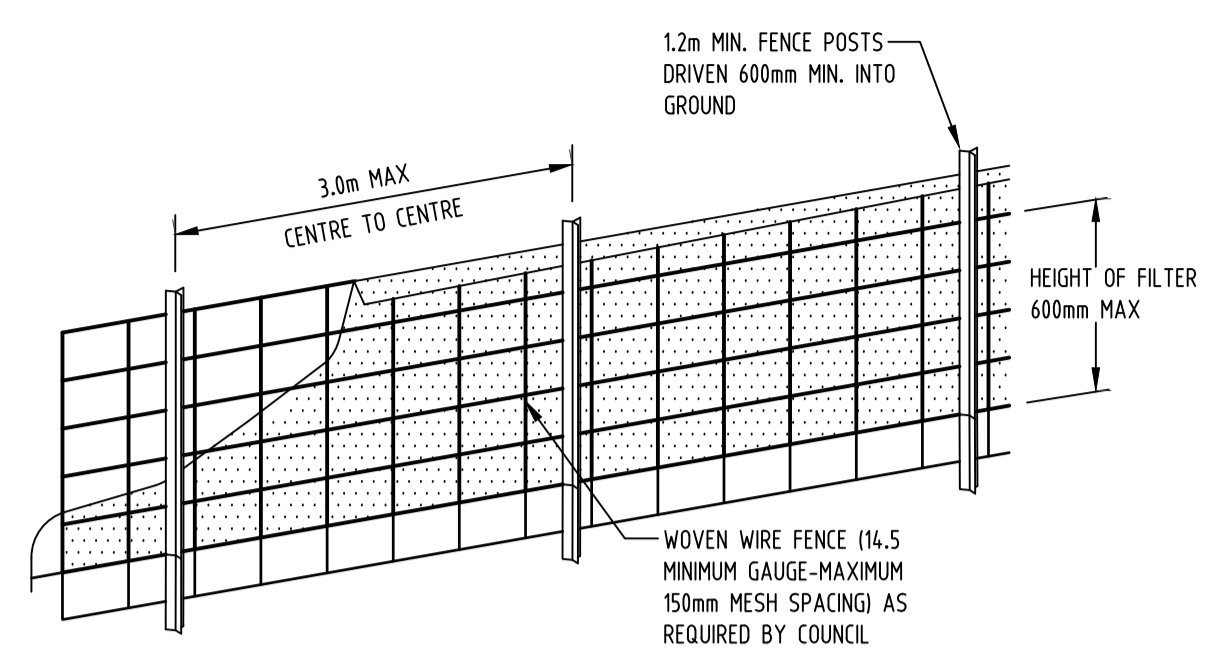
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES

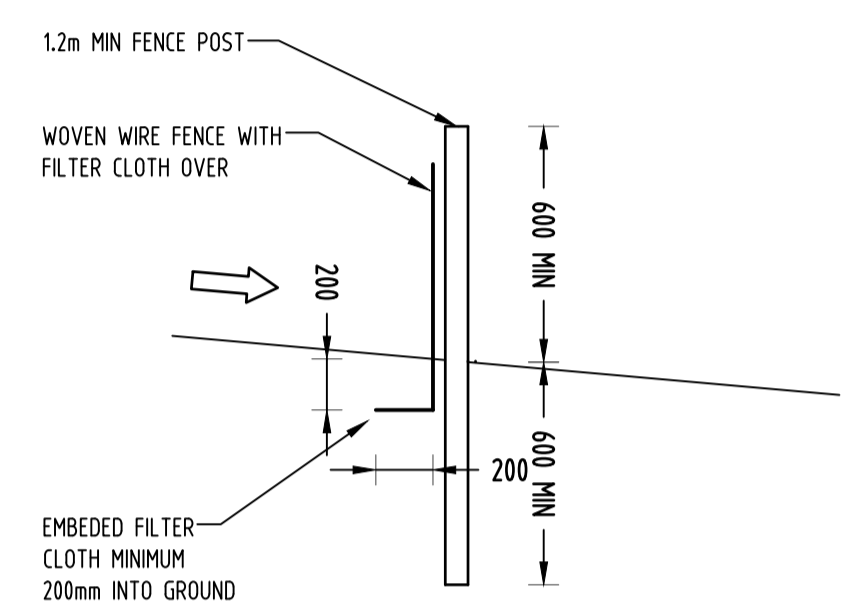
- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 - TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POED 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL.



DIAGRAMMATIC VIEW

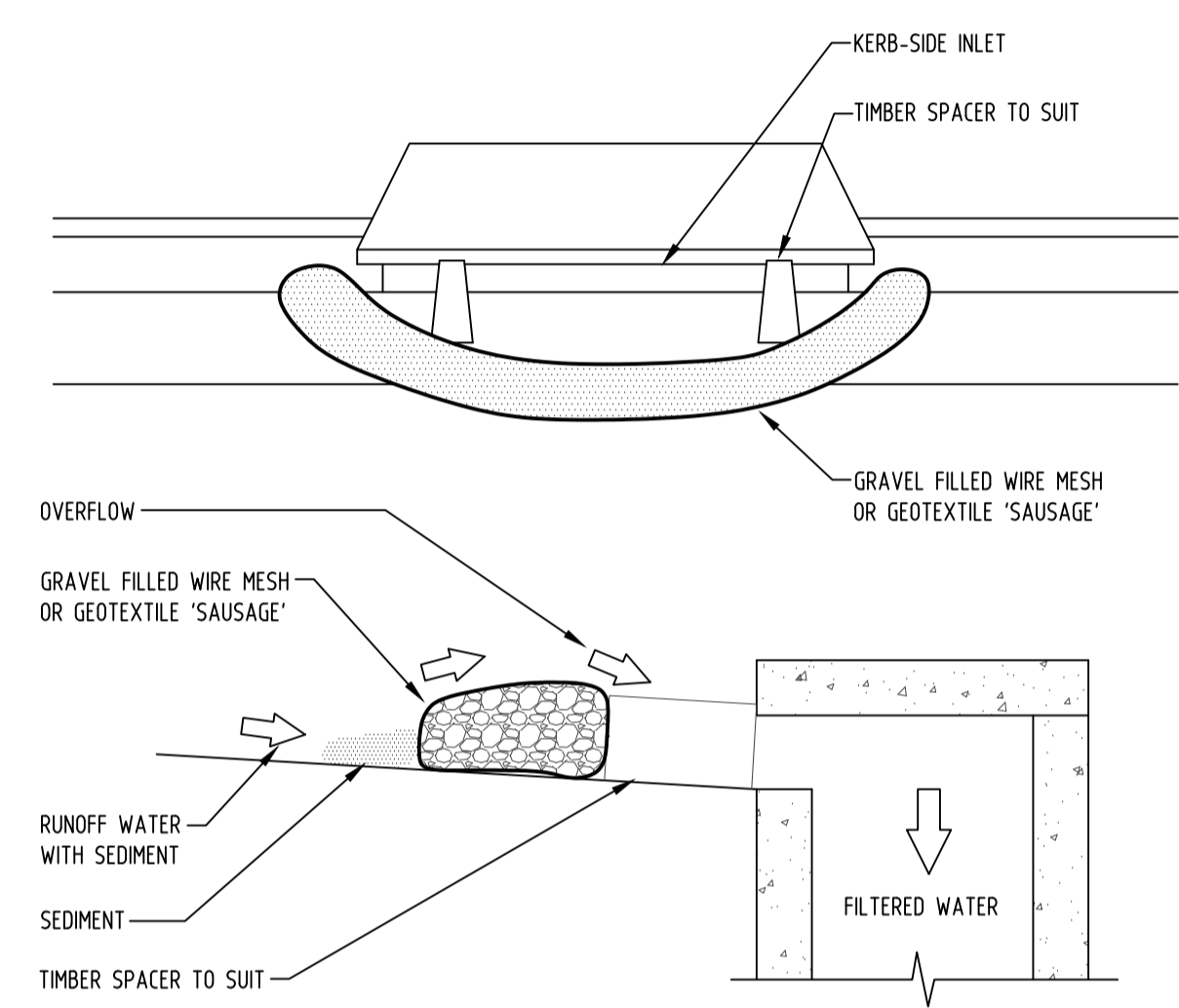


TYPICAL SECTION

SEDIMENT FENCE
NOT TO SCALE

GEOTEXTILE INLET FILTER

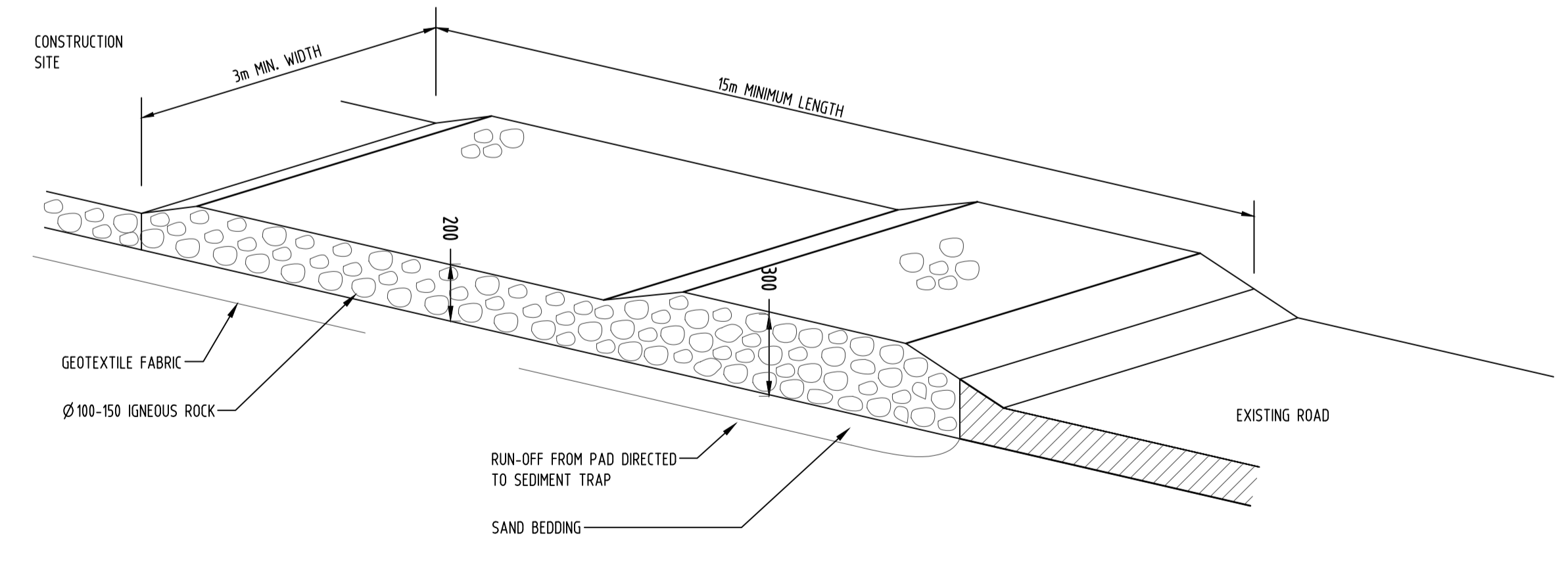
GEOTEXTILE INLET FILTER IS PLACED IN EVERY PIT WITHIN THE SITE TO ENSURE THE RUNOFF WATER DURING CONSTRUCTION NOT ENTER THE PITS.



CONSTRUCTION NOTES:

- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT
- FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL
- FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY
- MAINTAIN THE OPENING WITH SPACER BLOCKS
- FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER
- FIT TO ALL KERB INLETS AT SAG POINTS

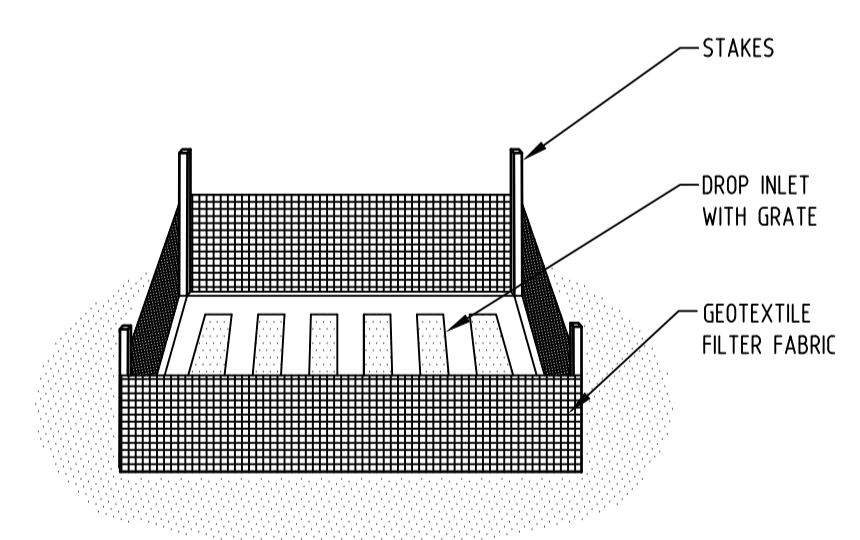
GRAVEL INLET FILTER (SAUSAGE)
NOT TO SCALE



TEMPORARY CONSTRUCTION EXIT
RUBBLE ALTERNATIVE
NOT TO SCALE

LEGEND

	SEDIMENT FENCE
	STABILISED SITE ACCESS
	SANDBAGS



GEOTEXTILE INLET FILTER
NOT TO SCALE

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MEEH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

Reference Coordination Drawing

ENGINEERS AUSTRALIA
Chartered Professional Engineer
MEMBER

DISCLAIMER: DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE THIS DRAWING. POSITIONS OF AUTHORITIES MANS AND/OR EXISTING SERVICES ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS.

ISSUED FOR APPROVAL
Issue Last revision title by Date Status

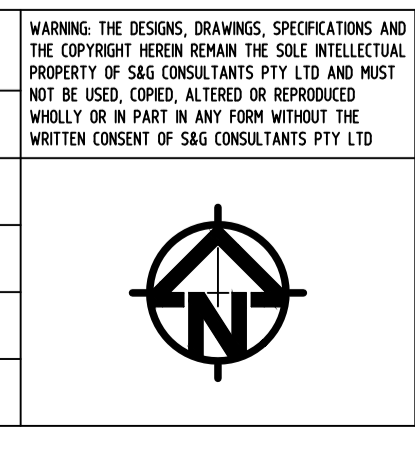
1-preliminary
4-tender

2-development application
5-construction

3-construction certificate
6-other

QUALITY CONTROL

DRAWN	JD	DATE	04.03.2020
CHECKED	SH	DATE	04.03.2020
DESIGNED	JD	DATE	04.03.2020
VERIFIED	SH	DATE	04.03.2020
APPROVED	SH	DATE	04.03.2020



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PROJECT
PROPOSED SUBDIVISION

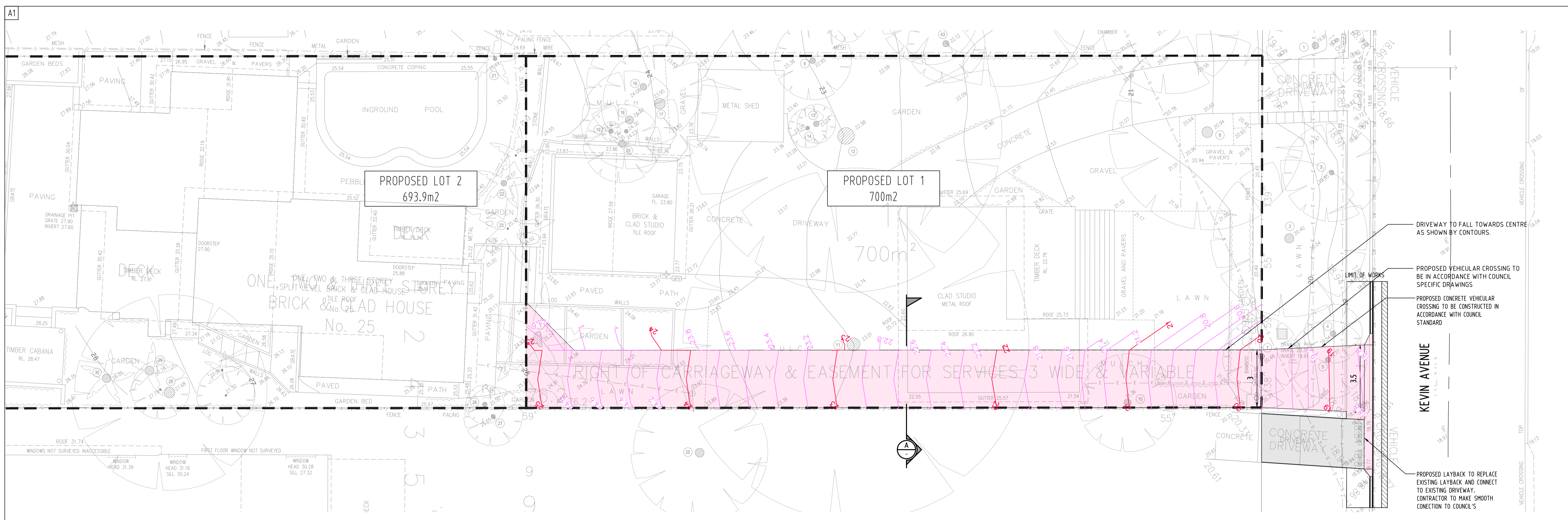
25 KEVIN AVENUE,
AVALON BEACH

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	4 of 7	1:100 @ A1

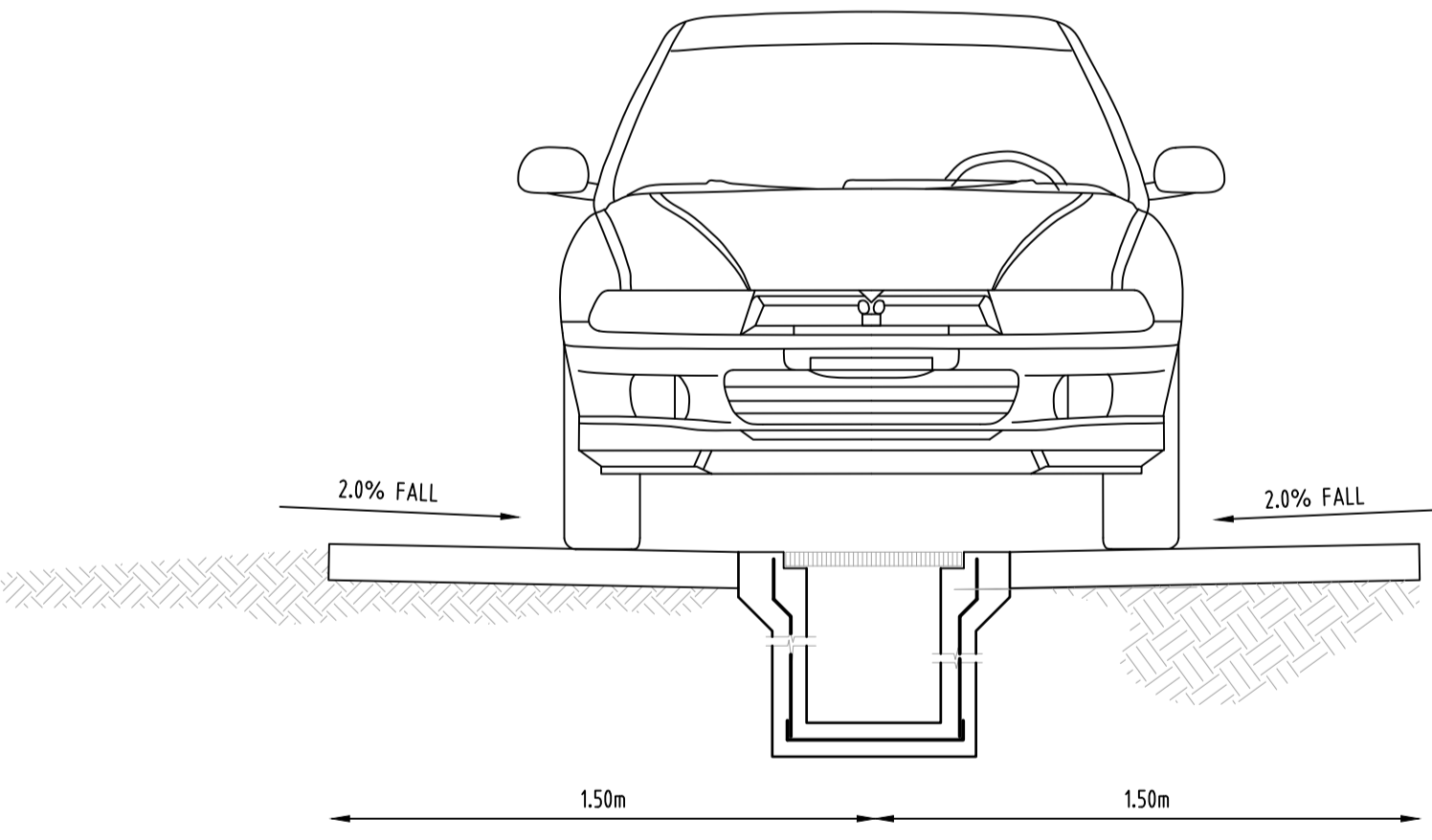
Drawing Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Drawing Title: **EROSION AND SEDIMENT CONTROL PLAN & DETAILS**

Project No: 20200039
Drawing No: SW400
Revision No: A



- DRIVEWAY TO FALL TOWARDS CENTRE AS SHOWN BY CONTOURS.
- PROPOSED VEHICULAR CROSSING TO BE IN ACCORDANCE WITH COUNCIL SPECIFIC DRAWINGS
- PROPOSED CONCRETE VEHICULAR CROSSING TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARD
- PROPOSED LAYBACK TO REPLACE EXISTING LAYBACK AND CONNECT TO EXISTING DRIVEWAY. CONTRACTOR TO MAKE SMOOTH CONNECTION TO COUNCIL'S



TYPICAL SECTION A

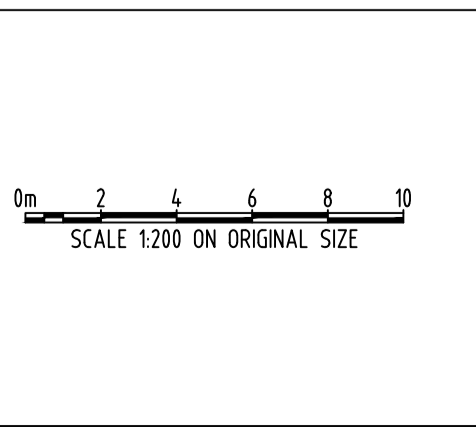
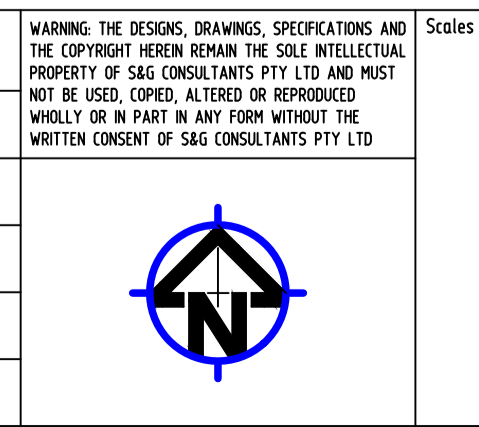
SCALE 1:20

Reference Coordination Drawing		Discipline	Drawing Title and Number	Date	Rev.
ISSUED FOR APPROVAL					
Issue		Last revision title		by	Date
Issuer internal sequence and revision history 1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other					

QUALITY CONTROL			
DRAWN	JD	DATE	04.03.2020
CHECKED	SH	DATE	04.03.2020
DESIGNED	JD	DATE	04.03.2020
VERIFIED	SH	DATE	04.03.2020
APPROVED	SH	DATE	04.03.2020

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PROJECT
PROPOSED SUBDIVISION

25 KEVIN AVENUE,
AVALON BEACH

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	5 of 7	1:100 @ A1

Drawing Status	Project No	Drawing No	Revision No
PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES	20200039	SW500	A

DATE PLOTTED: 9 March 2024 5:47 PM BY: SM

DATE: 20200330 09:00:00 BY: SM

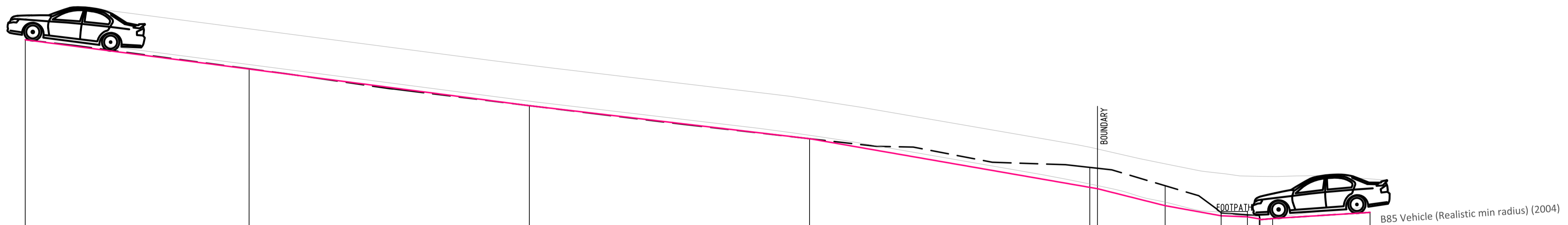
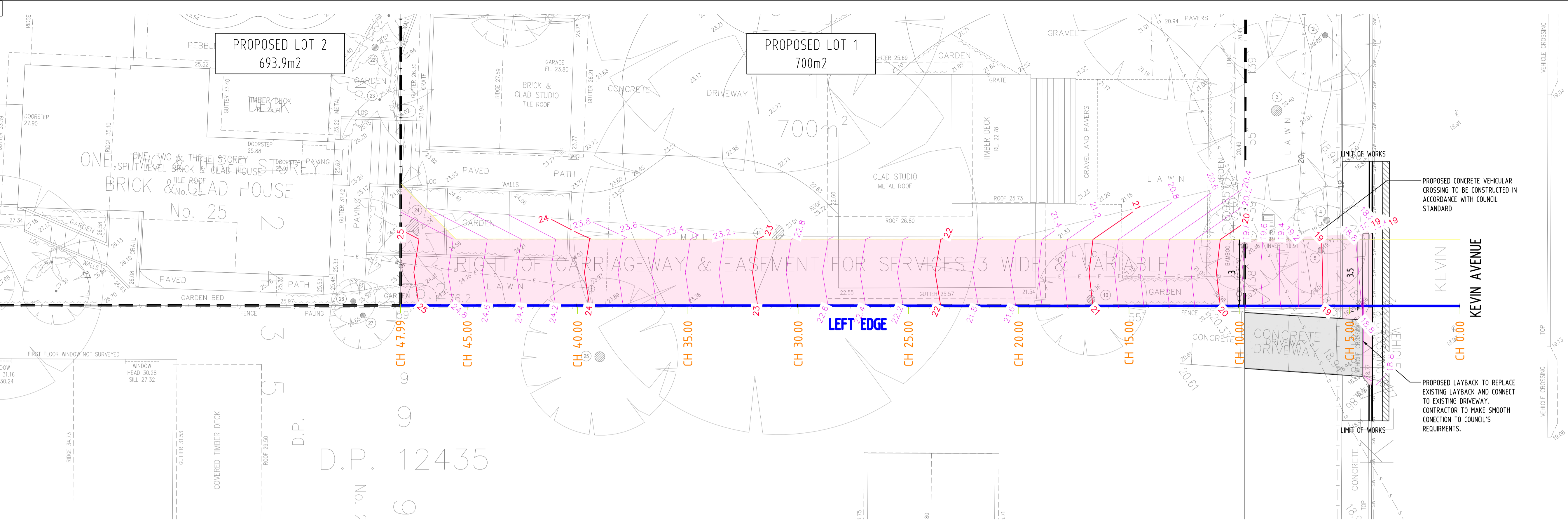
PROJECT: 2020039 - CIVIL DESIGN - LONG SECTION - CIVIL DESIGN - LONG SECTION - CIVIL DESIGN - LONG SECTION - CIVIL DESIGN - LONG SECTION

CLIENT: SIXJAY DEVELOPMENTS

PROJECT: PROPOSED SUBDIVISION

25 KEVIN AVENUE, AVALON BEACH

Project No: 2020039 Drawing No: SW600 Revision No: A



CHAINAGE	47.988	40.000	30.000	20.000	10.000	9.728	7.312	5.312	4.375	3.925	3.475	0.000
CUT/FILL DEPTHS	+0.000	-0.009	+0.000	+0.000	-0.000	-0.711	-0.727	-0.710	-0.705	-0.702	+0.000	+0.000
DESIGN SURFACE LEVEL ALONG CONTROL LINE	25.096	24.059	22.759	21.584	21.584	19.854	19.807	19.203	18.843	18.806	18.756	18.566
EXISTING SURFACE LEVEL ALONG CONTROL LINE	25.096	24.068	22.758	21.584	21.584	20.565	20.534	19.919	18.948	18.854	18.746	18.566
BOUNDARY												
FOOTPATH												
GRADES		13.01%	13.01%	11.73%	17.30%	25.00%	18.00%	3.95%	-6.34%			
R.L. 14.700												

ROAD LONGITUDINAL SECTION ALONG LEFT EDGE
SCALE H:1m/100 V:1m/100

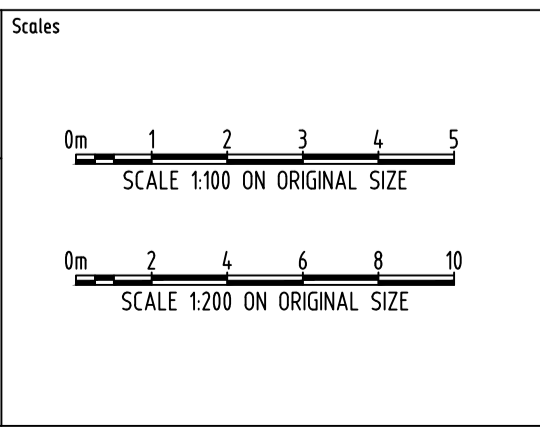
Issue	Last revision title	by	Date	Status
A	ISSUED FOR APPROVAL	JD	04.03.2020	2

Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUC			
MEEH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL	DATE
DRAWN	JD 04.03.2020
CHECKED	SH 04.03.2020
DESIGNED	JD 04.03.2020
VERIFIED	SH 04.03.2020
APPROVED	SH 04.03.2020

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General Professional Engineer
MEMBER



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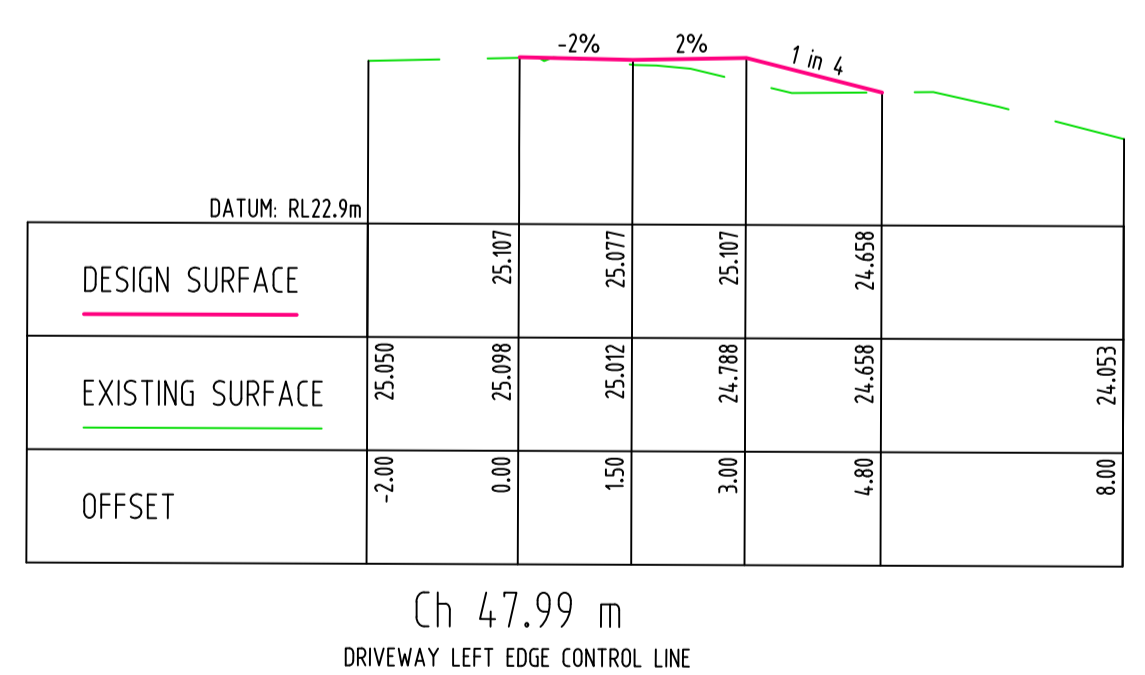
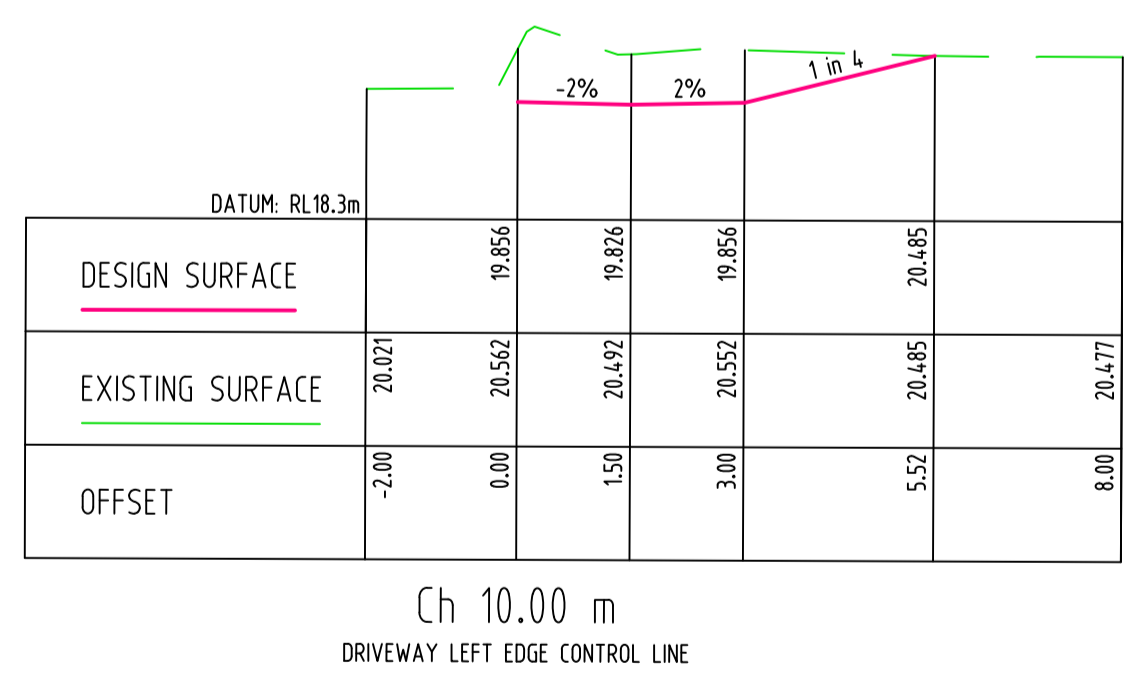
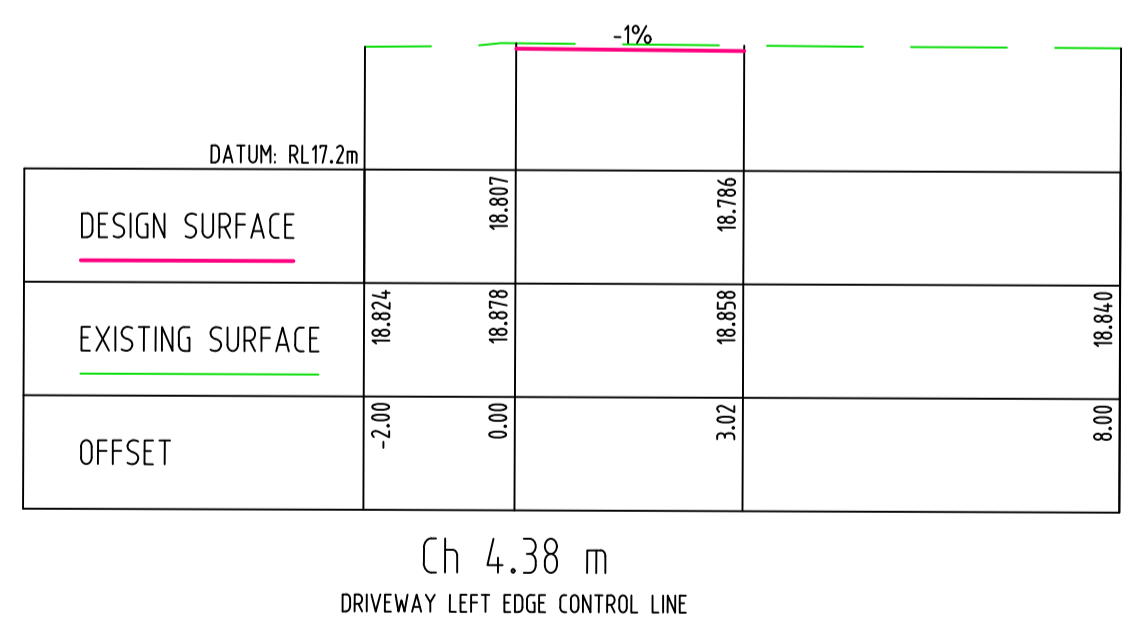
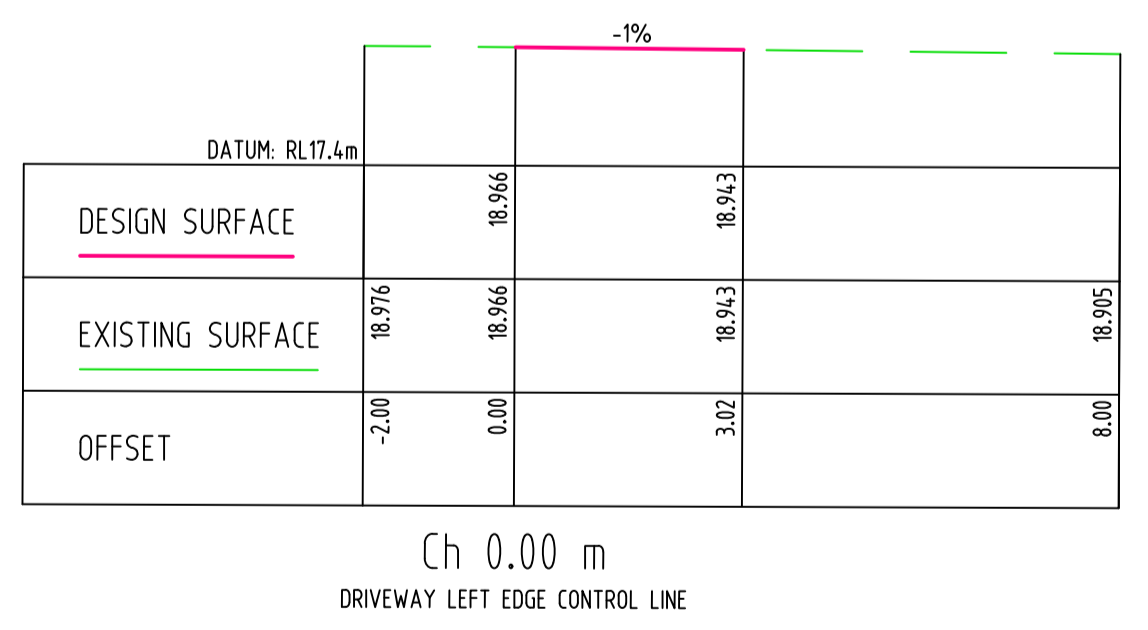
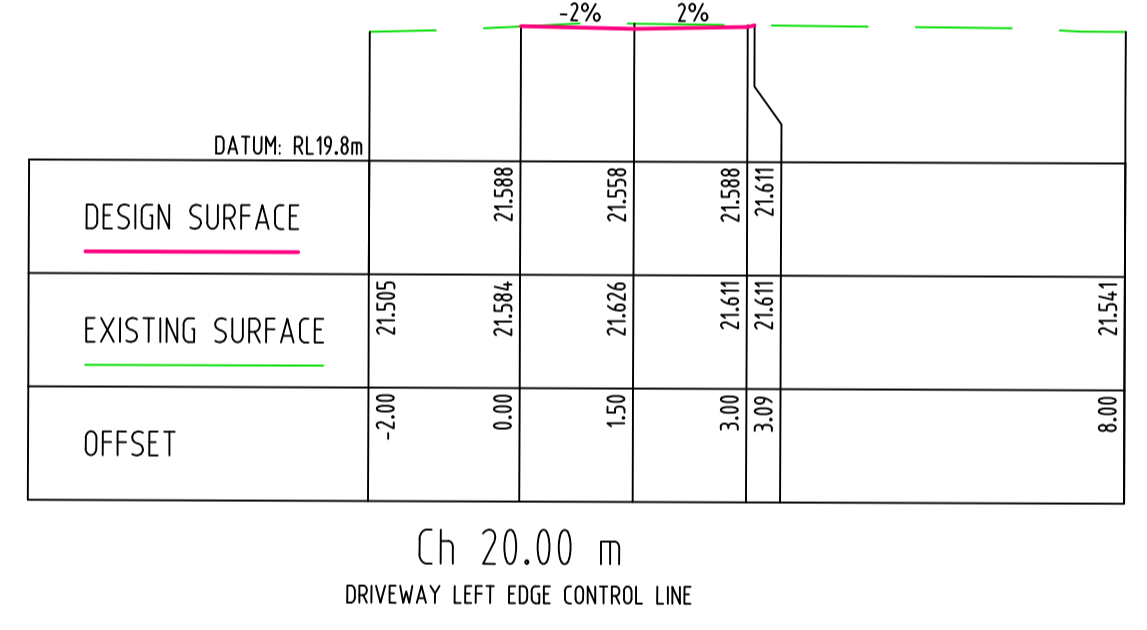
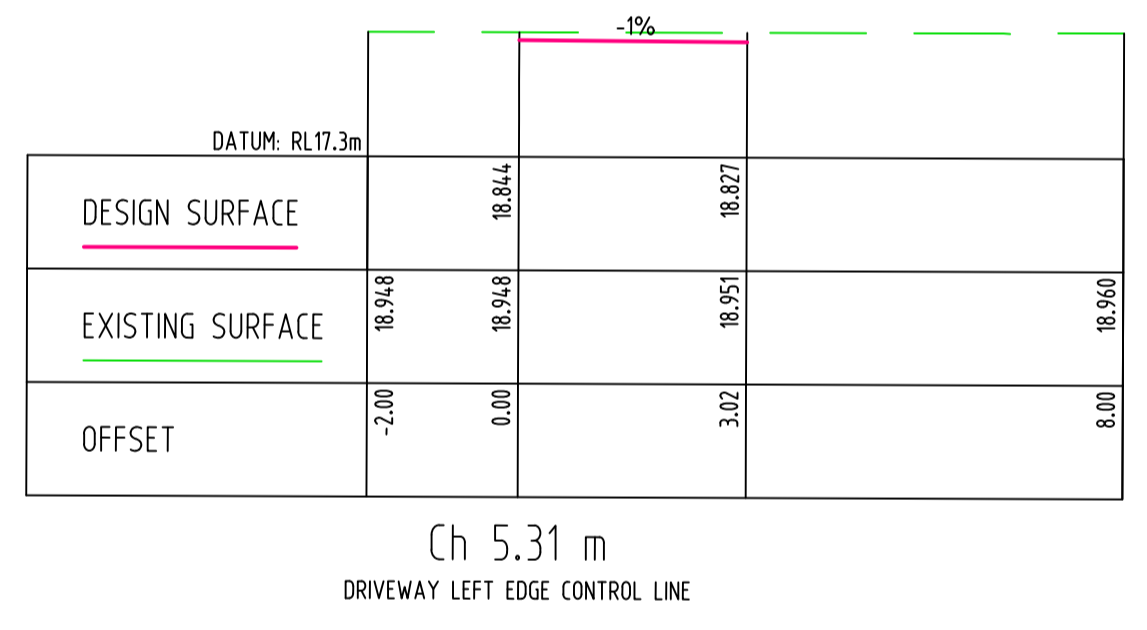
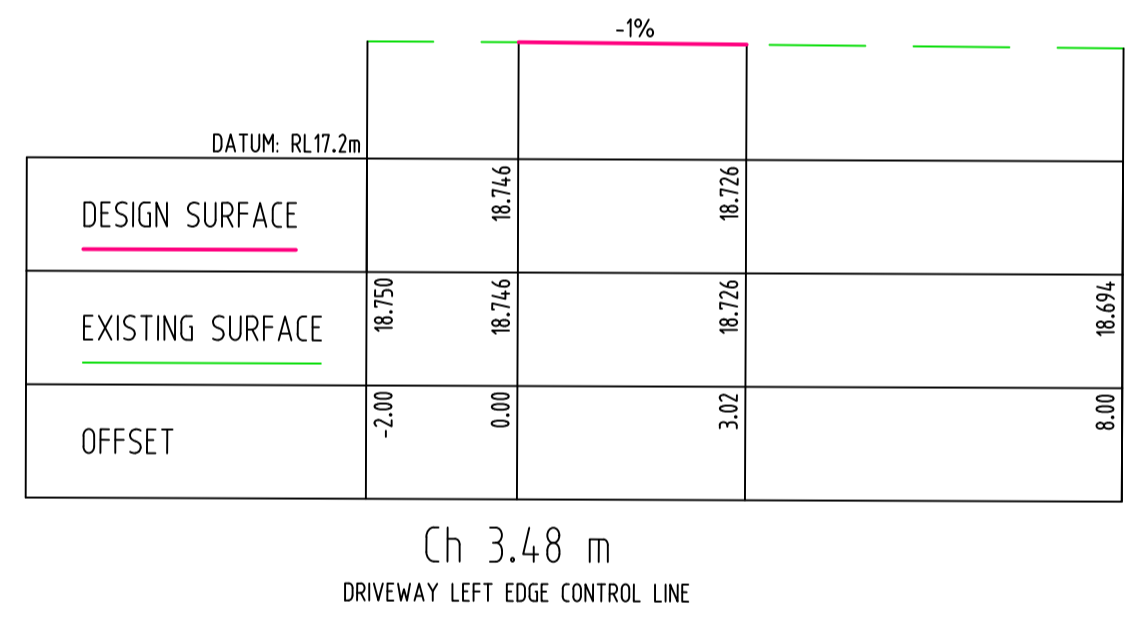
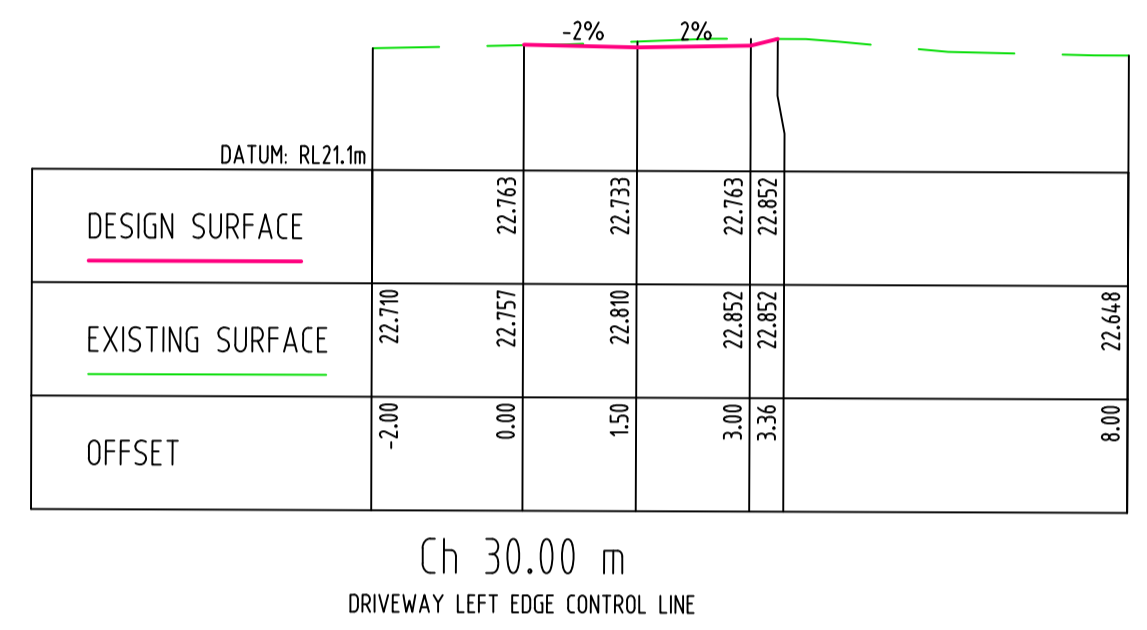
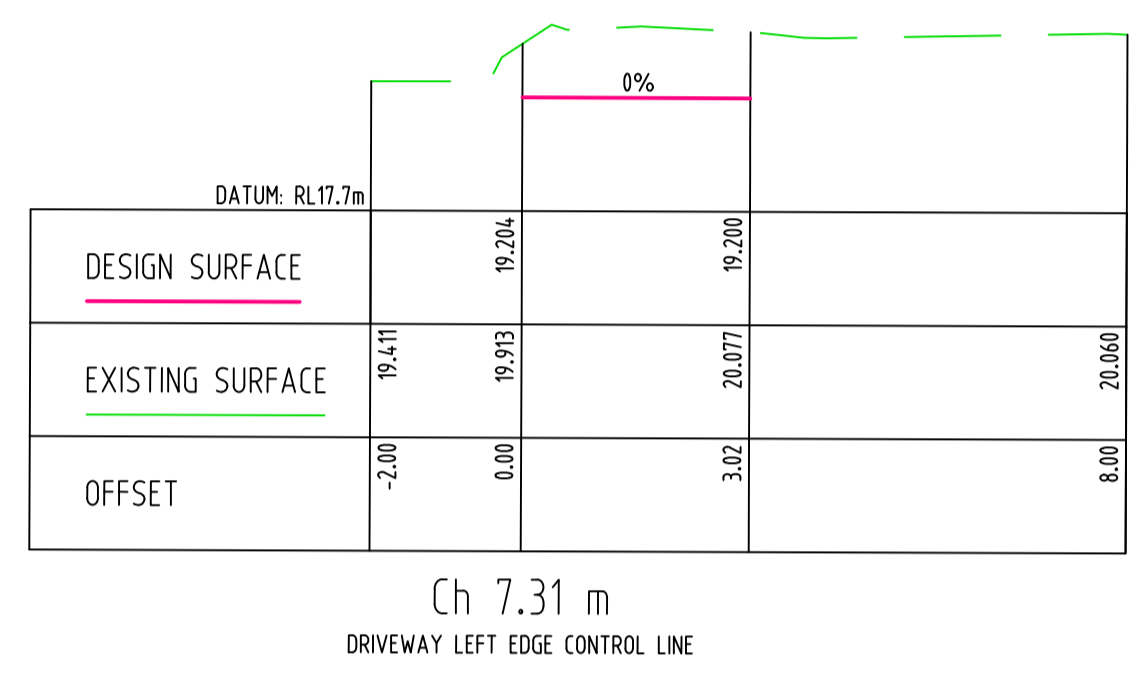
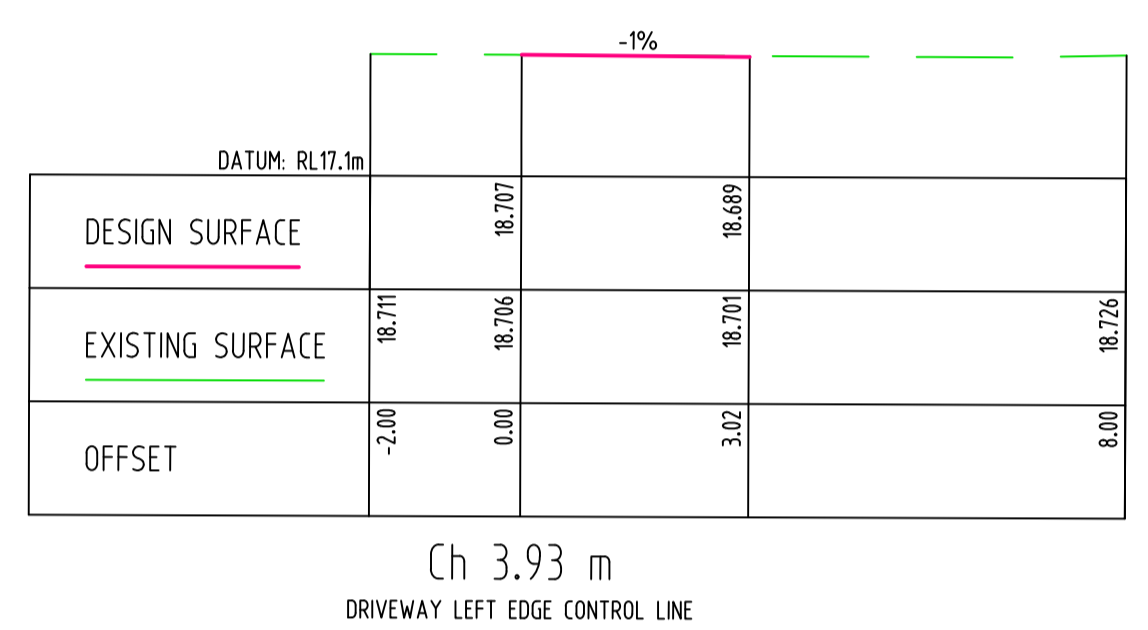
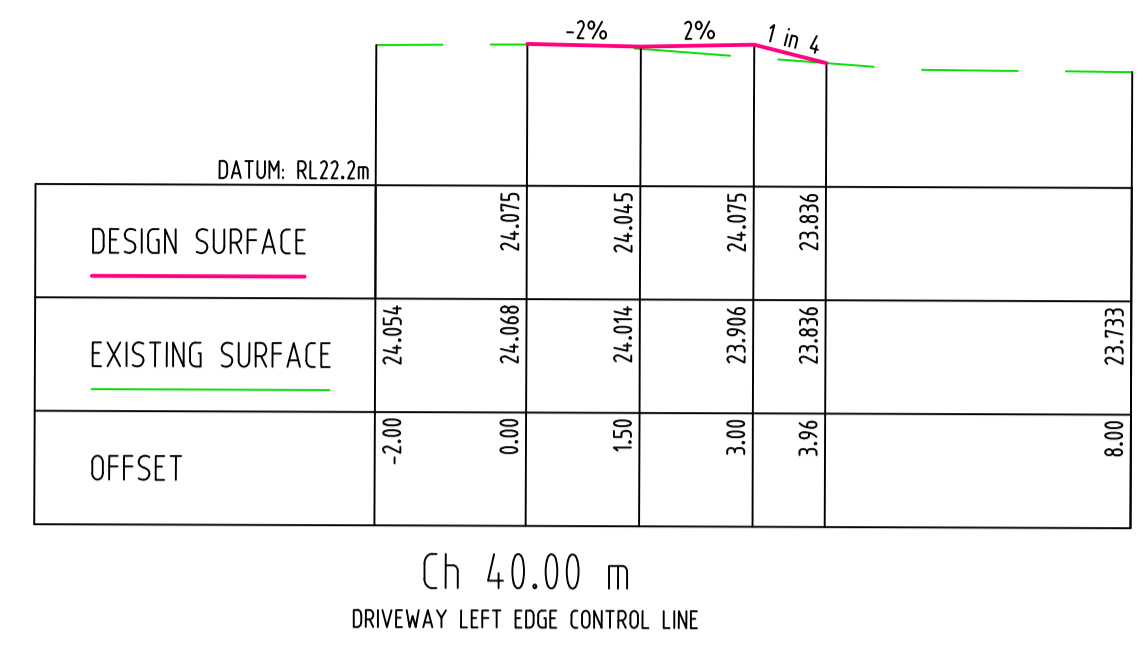
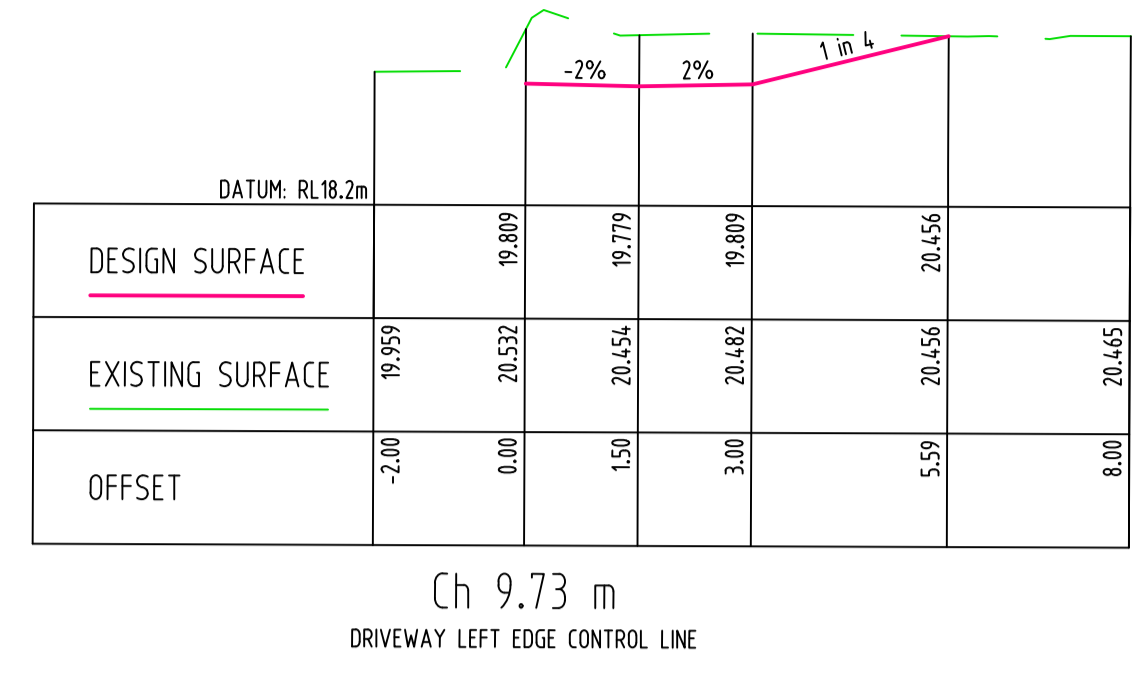
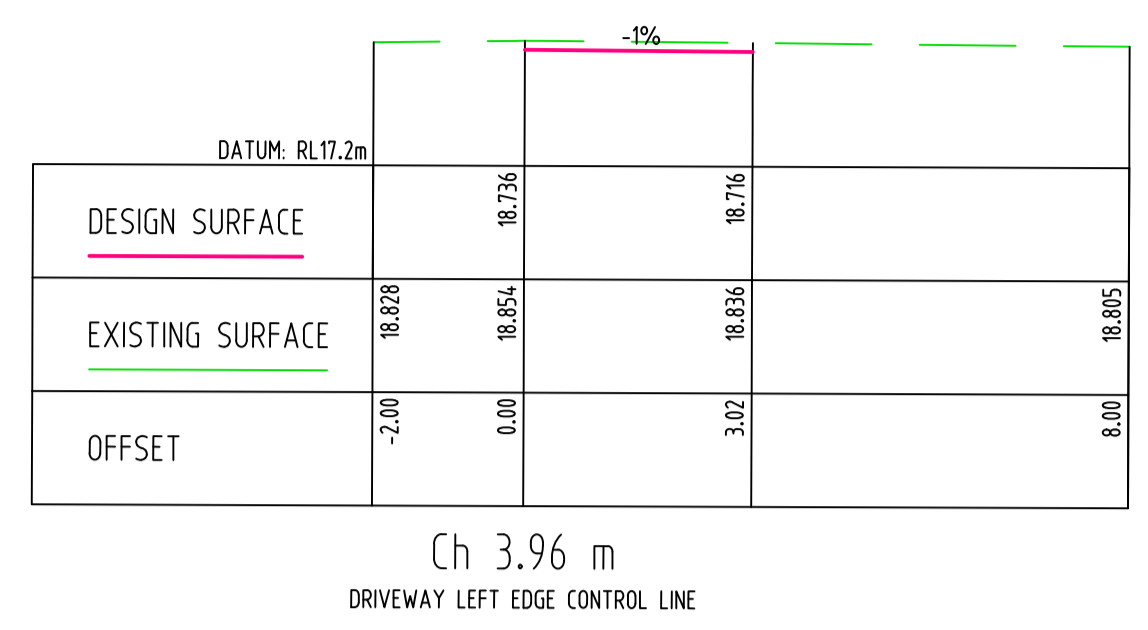
A.B.N. 21 118 222 530

PROJECT
PROPOSED SUBDIVISION

25 KEVIN AVENUE,
AVALON BEACH

Grid Datum Sheet Scale (at original size)
A.H.D. 6 of 7 1:100 @ A1

Drawing Status	PRELIMINARY
Drawing Title	CIVIL DESIGN LONG SECTION
Project No	2020039
Drawing No	SW600
Revision No	A



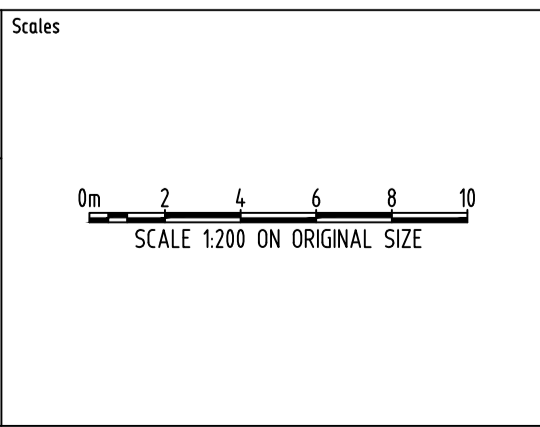
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ASPH			
STRUCT			
MECH			
ELEC			
HYD			
FRG			
LANDS			
CIVIL			
SURVEY			

Issue	Last revision title	by	Date	Status
A	ISSUED FOR APPROVAL	JD	04.03.2020	2

Issue	Last revision title	by	Date	Status
1	preliminary			
2	development application			
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4	tender			
5	construction			
6	other			

QUALITY CONTROL	DATE
DRAWN	JD 04.03.2020
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PROJECT
PROPOSED SUBDIVISION
25 KEVIN AVENUE,
AVALON BEACH

Drawing Status	PRELIMINARY
Drawing Title	CIVIL DESIGN CROSS SECTIONS
Project No	20200039
Drawing No	SW400
Revision No	A