

### LEGEND

EXISTING	PROPOSED	
---	---	PROPERTY BOUNDARY
---	---	EASEMENT BOUNDARY
---	---	CONTOUR - MAJOR
---	---	CONTOUR - MINOR
---	---	BUILDING
---	---	KERB AND CHANNEL
---	---	KERB
---	---	RETAINING WALL
---	---	STORMWATER DRAINAGE
---	---	ROOFWATER DRAINAGE
---	---	SUBSOIL DRAIN
---	---	SEWER
---	---	WATER
---	---	ELECTRICAL
---	---	ELEC. OVERHEAD
---	---	COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
---	---	SURFACE LEVEL (RL)

### LEGEND - EROSION AND SEDIMENT CTRL

---	SF	SEDIMENT FENCE
---	---	ESC TOP OF SEDIMENT TRAP
---	---	ESC BOTTOM OF SEDIMENT TRAP

### SOIL LOSS RISK ASSESSMENT

BASED ON REVISED UNIVERSAL SOIL LOSS EQUATION (RUSLE)  
(AS PER SECTION E 3 OF IECA 2008 - BEST PRACTICE EROSION AND SEDIMENT CONTROL)

$$A = R \times K \times LS \times C \times P \quad (\text{RUSLE})$$

WHERE:

- A IS THE PREDICTED ANNUAL SOIL LOSS DUE TO EROSION (t/ha/yr)
- R IS THE RAINFALL EROSION FACTOR
- K IS THE SOIL ERODIBILITY FACTOR
- LS IS THE SLOPE LENGTH / GRADIENT FACTOR
- C IS THE GROUND COVER AND MANAGEMENT FACTOR
- P IS THE EROSION CONTROL PRACTICE FACTOR

A	R	K	LS	C	P
2.3360 t/ha/yr	3705	0.05	0.97	0.01	1.30

CATCHMENT AREA (LOT 113 ONLY) = 22344 m<sup>2</sup>

ANNUAL SOIL LOSS TRIGGERS TYPE **3** SEDIMENT CONTROLS AS PER TABLE 4.5.1 (IECA 2008)

- CONTRACTOR TO ENSURE SURROUNDING ROADS ARE KEPT CLEAN AND FREE OF DEBRIS DURING CONSTRUCTION. TYPICAL
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL (AS REQUIRED) AND ENSURE WORK ZONES ARE SAFE DURING CONSTRUCTION. TYPICAL
- PROVIDE KERB INLET SEDIMENT PROTECTION AT ALL DOWNSTREAM GULLIES UPTO 50m FROM SITE. TYPICAL
- SITE TO BE CLEARED IN PREPARATION FOR BUILDING CONSTRUCTION. ALL EXISTING STRUCTURES (INCLUDING ANY PILES) AND SITE IMPROVEMENTS TO BE DEMOLISHED AND REMOVED, UNLESS NOTED OTHERWISE.

LAYOUT PLAN  
SCALE 1:500

PLOTTED: 11.11.2024

SCALE 1:500

REV	DATE	DESCRIPTION	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

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CLIENT: **Anjan Padavala**

SCALE:	DRAFTER:	PROJECT:
AS SHOWN	ZK	RESIDENTIAL DEVELOPMENT
SHEET SIZE:	DESIGNER:	67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125
A1	KP	
DATUM:	ENGINEER:	
AHD	ML	
APPROVED:		

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PROJECT No.:	DRAWING No.:	REV.:
24112	P100	B

DRAWING TITLE: **PRELIMINARY EROSION & SEDIMENT CONTROL LAYOUT PLAN**

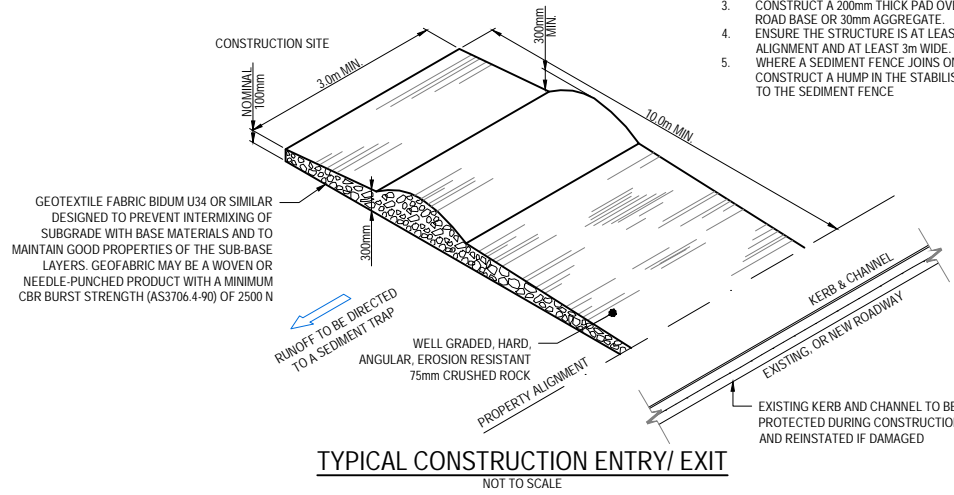
PROJECT No.: 24112

DRAWING No.: P100

REV.: B

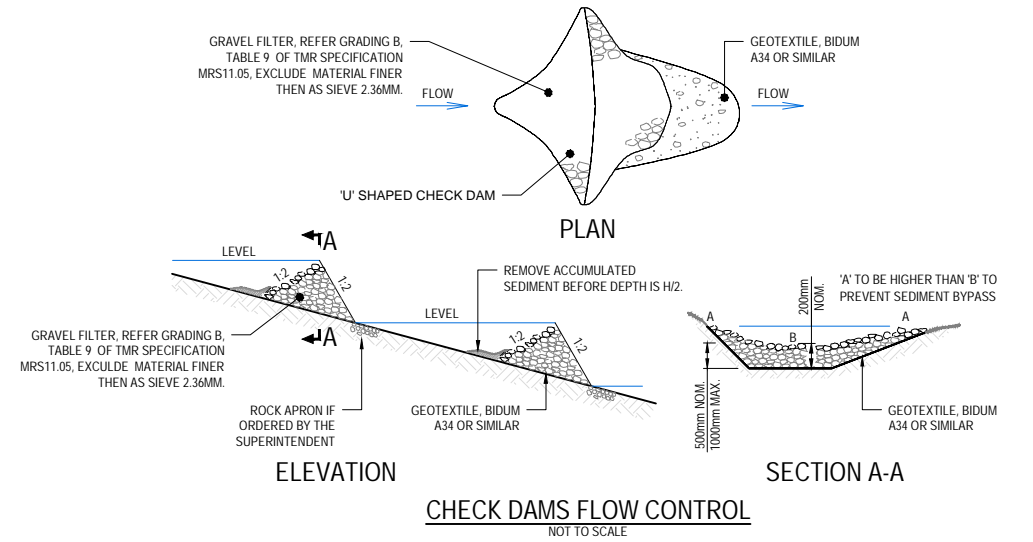
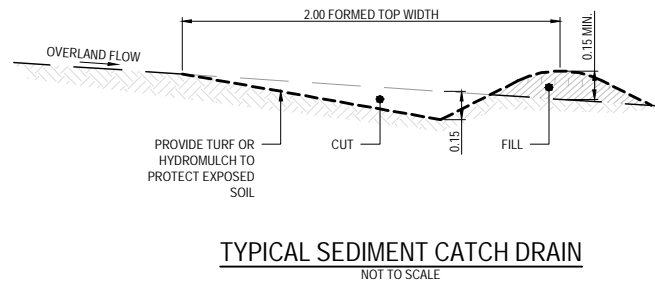
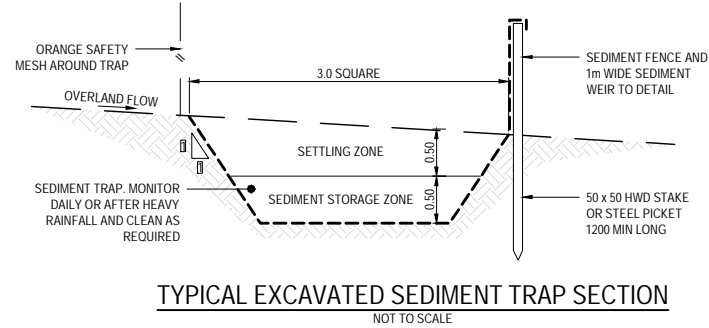
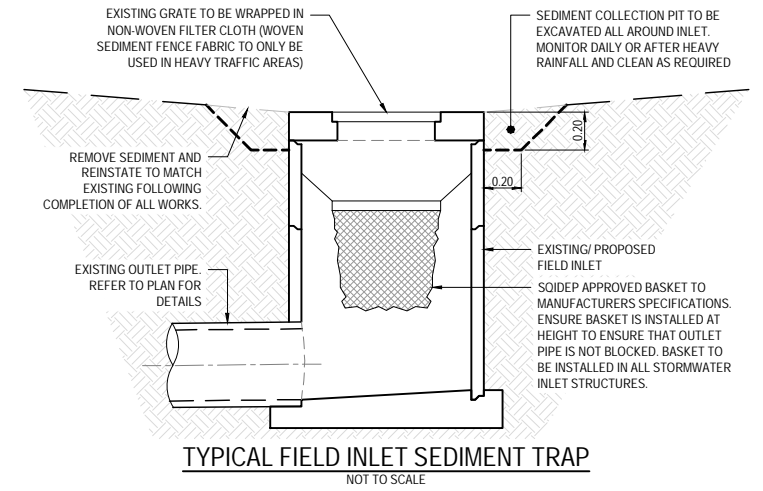
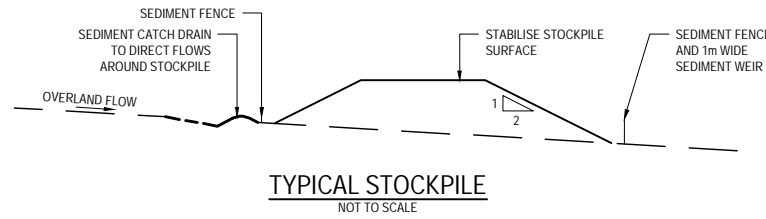
**CONSTRUCTION ENTRY/ EXIT NOTES**

1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.



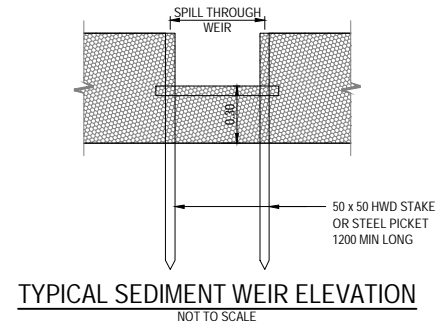
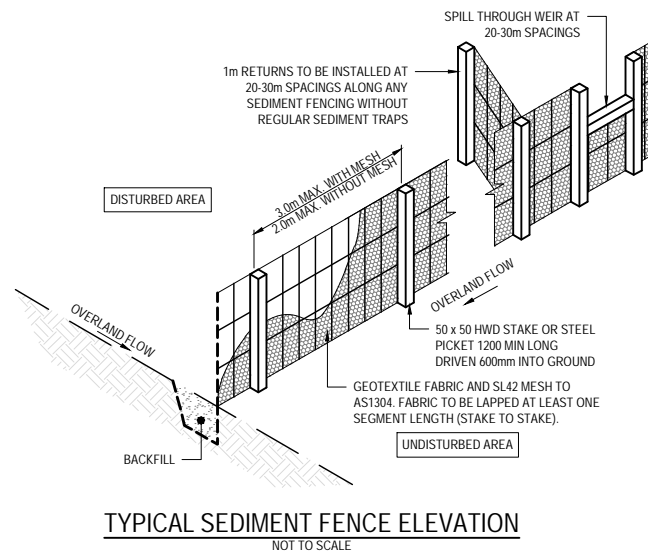
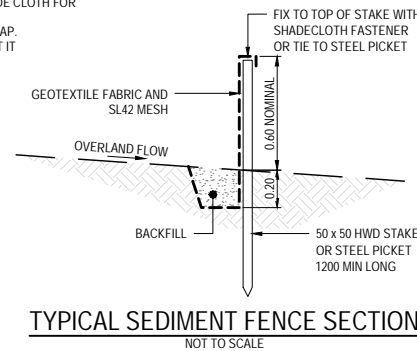
**STOCKPILE NOTES**

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.



**SEDIMENT FENCE NOTES**

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO SOILS IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT INTERVALS EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



11/11/2024

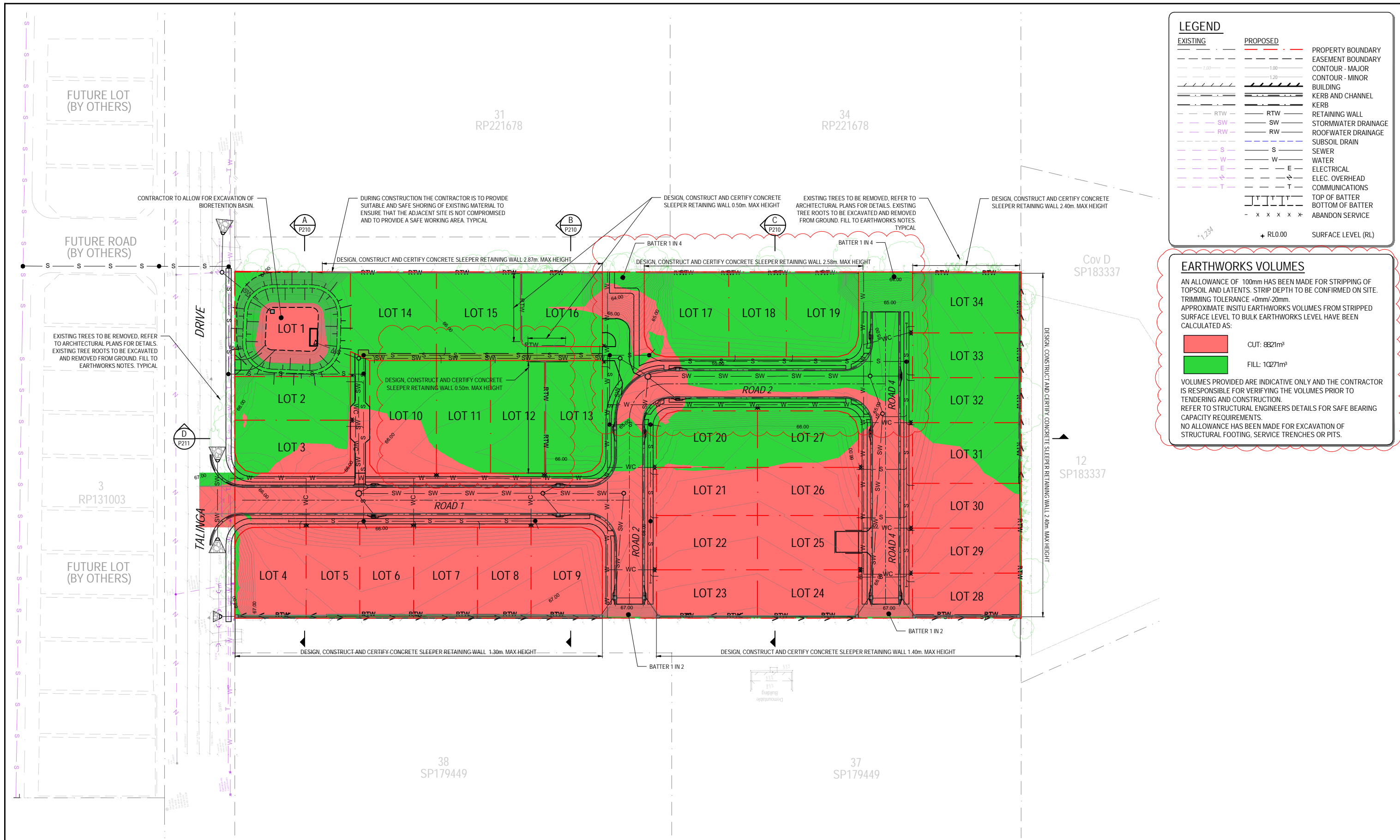
THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION

REV	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR



CLIENT:	SCALE: AS SHOWN	DRAFTER: ZK	PROJECT:
<b>Anjan Padavala</b>	SHEET SIZE: A1	DESIGNER: KP	RESIDENTIAL DEVELOPMENT
	DATUM: AHD	ENGINEER: ML	67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125
	APPROVED:		DRAWING TITLE:
COPYRIGHT: THIS DOCUMENT IS AND SHALL REMAIN THE PROPERTY OF VT CONSULTING ENGINEERS. THIS DOCUMENT MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED AND IN ACCORDANCE WITH THE TERMS OF ENGAGEMENT UNAUTHORISED USE OF THIS DOCUMENT IN ANY FORM OR MANNER IS PROHIBITED.		PRELIMINARY EROSION & SEDIMENT CONTROL DETAILS - SHEET 1	

PROJECT No:	24112
DRAWING No:	P105
REV:	B



### LEGEND

EXISTING	PROPOSED	
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---	---	COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
---	---	SURFACE LEVEL (RL)

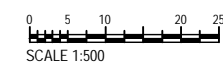
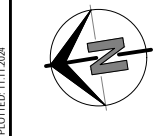
### EARTHWORKS VOLUMES

AN ALLOWANCE OF 100mm HAS BEEN MADE FOR STRIPPING OF TOPSOIL AND LATENTS. STRIP DEPTH TO BE CONFIRMED ON SITE. TRIMMING TOLERANCE +0mm/-20mm. APPROXIMATE INSITU EARTHWORKS VOLUMES FROM STRIPPED SURFACE LEVEL TO BULK EARTHWORKS LEVEL HAVE BEEN CALCULATED AS:

<span style="display:inline-block; width:15px; height:15px; background-color:red;"></span>	CUT: 8821m <sup>3</sup>
<span style="display:inline-block; width:15px; height:15px; background-color:green;"></span>	FILL: 10271m <sup>3</sup>

VOLUMES PROVIDED ARE INDICATIVE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VOLUMES PRIOR TO TENDERING AND CONSTRUCTION. REFER TO STRUCTURAL ENGINEERS DETAILS FOR SAFE BEARING CAPACITY REQUIREMENTS. NO ALLOWANCE HAS BEEN MADE FOR EXCAVATION OF STRUCTURAL FOOTING, SERVICE TRENCHES OR PITS.

LAYOUT PLAN  
SCALE 1:500



REV.	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

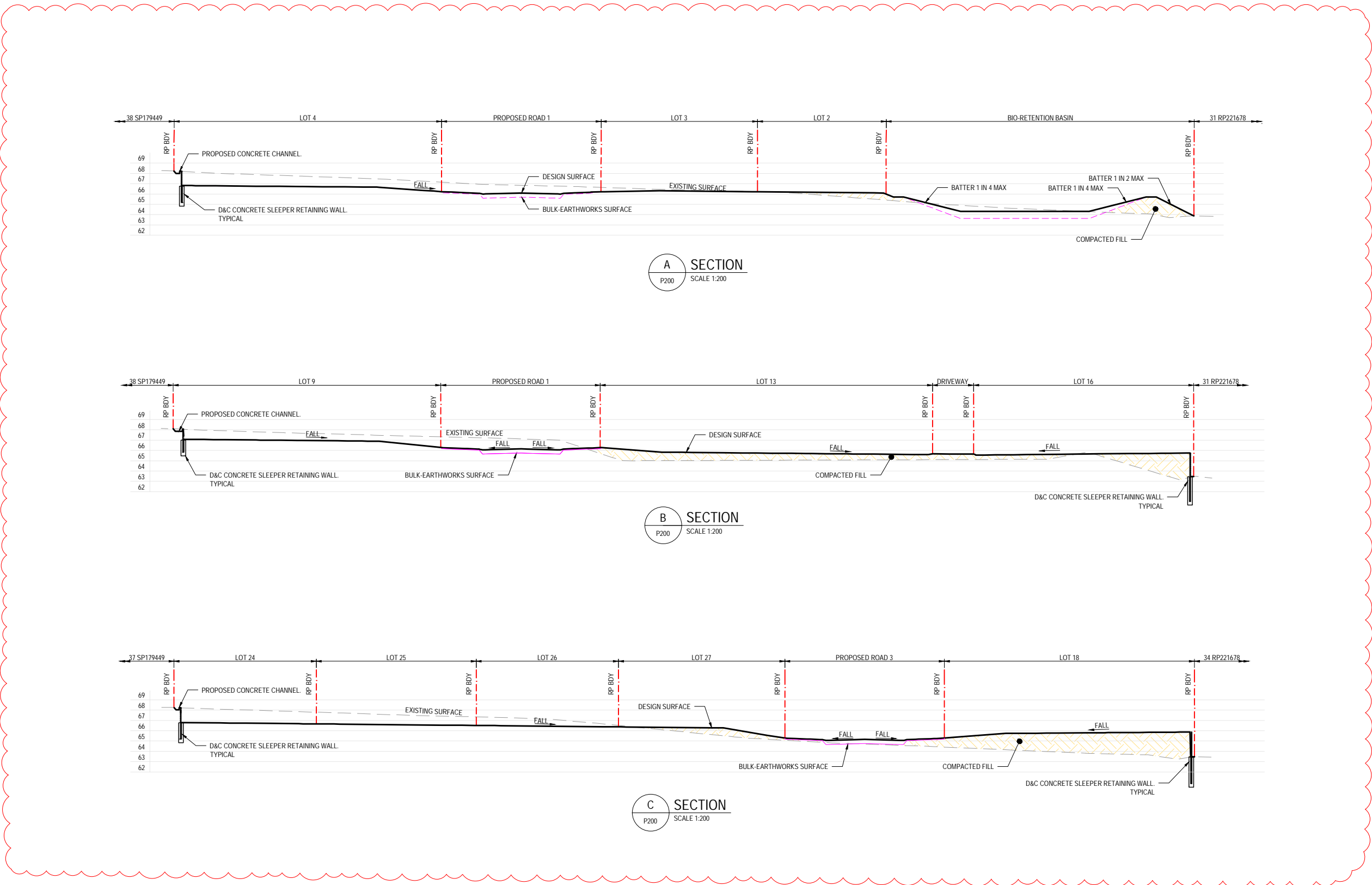
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CLIENT: **Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

PROJECT: RESIDENTIAL DEVELOPMENT 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125	PROJECT No.: 24112
DRAWING TITLE: PRELIMINARY BULK EARTHWORKS LAYOUT PLAN	DRAWING No.: P200 PRELIMINARY
	REV.: B

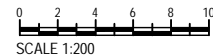
THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



**A SECTION**  
P200 SCALE 1:200

**B SECTION**  
P200 SCALE 1:200

**C SECTION**  
P200 SCALE 1:200



REV	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

**000**  
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CLIENT:  
**Anjan Padavala**

SCALE: AS SHOWN  
SHEET SIZE: A1  
DATUM: AHD

DRAFTER: ZK  
DESIGNER: KP  
ENGINEER: ML

APPROVED:

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PROJECT:  
**RESIDENTIAL DEVELOPMENT  
67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125**

DRAWING TITLE:  
**PRELIMINARY BULK EARTHWORKS SECTIONS - SHEET 1**

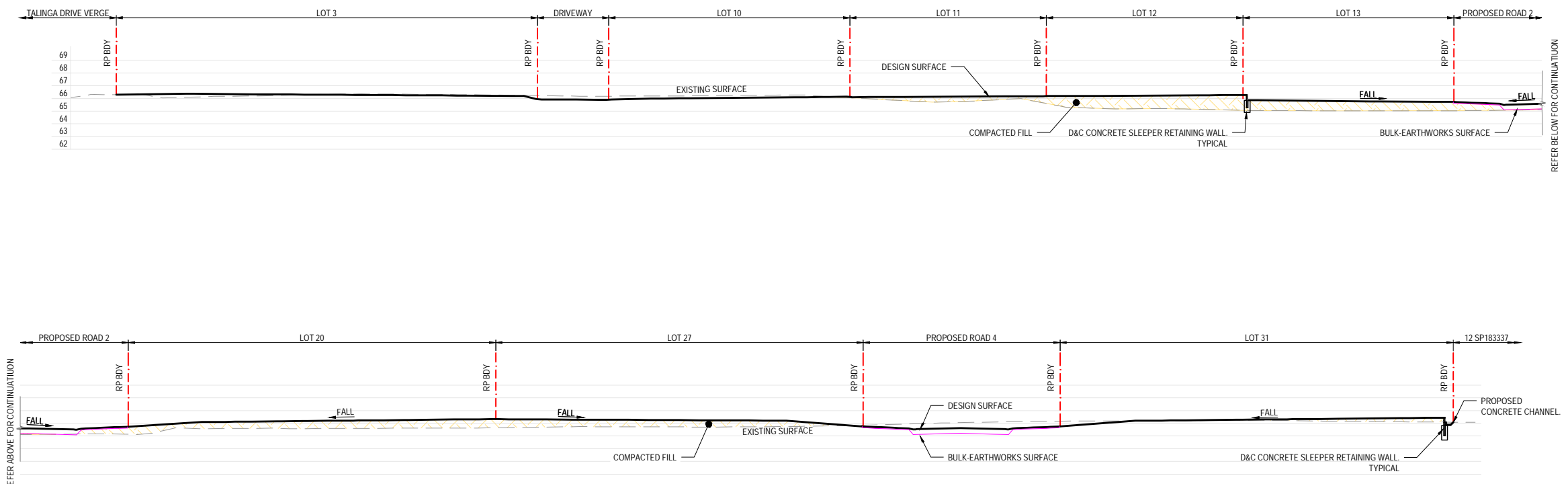
PROJECT No.: **24112**

DRAWING No.: **P210**  
PRELIMINARY

REV.: **B**

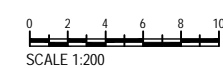
PLOTTED: 11.11.2024

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



**D SECTION**  
SCALE 1:200

PLOTTED: 11.11.2024



REV.	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

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CLIENT:  
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SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

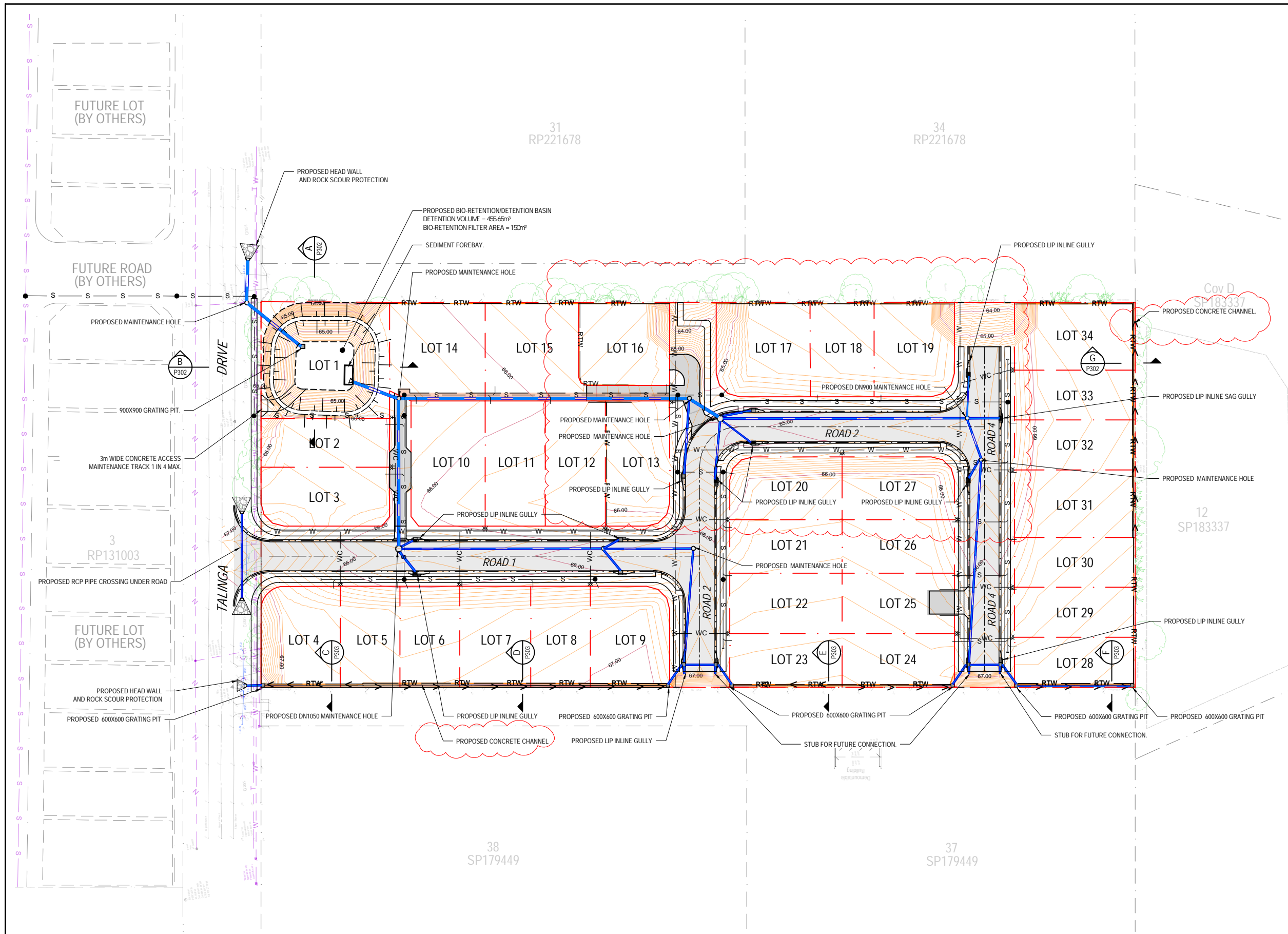
PROJECT: RESIDENTIAL DEVELOPMENT  
 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125  
 DRAWING TITLE: PRELIMINARY BULK EARTHWORKS SECTIONS - SHEET 2

PROJECT No:	24112
DRAWING No:	P211
REV:	B

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION

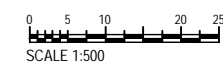
**LEGEND**

EXISTING	PROPOSED	
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---	---	COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
	+ RL0.00	SURFACE LEVEL (RL)



LAYOUT PLAN  
SCALE 1:500

PLOTTED: 11.11.2024



REV.	DATE	AMENDMENT:	BY:	CHK:
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

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CLIENT: **Anjan Padavala**

SCALE: AS SHOWN  
 SHEET SIZE: A1  
 DRAFTED: ZK  
 DESIGNER: KP  
 DATUM: AHD  
 ENGINEER: ML  
 APPROVED:

PROJECT: RESIDENTIAL DEVELOPMENT  
 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125

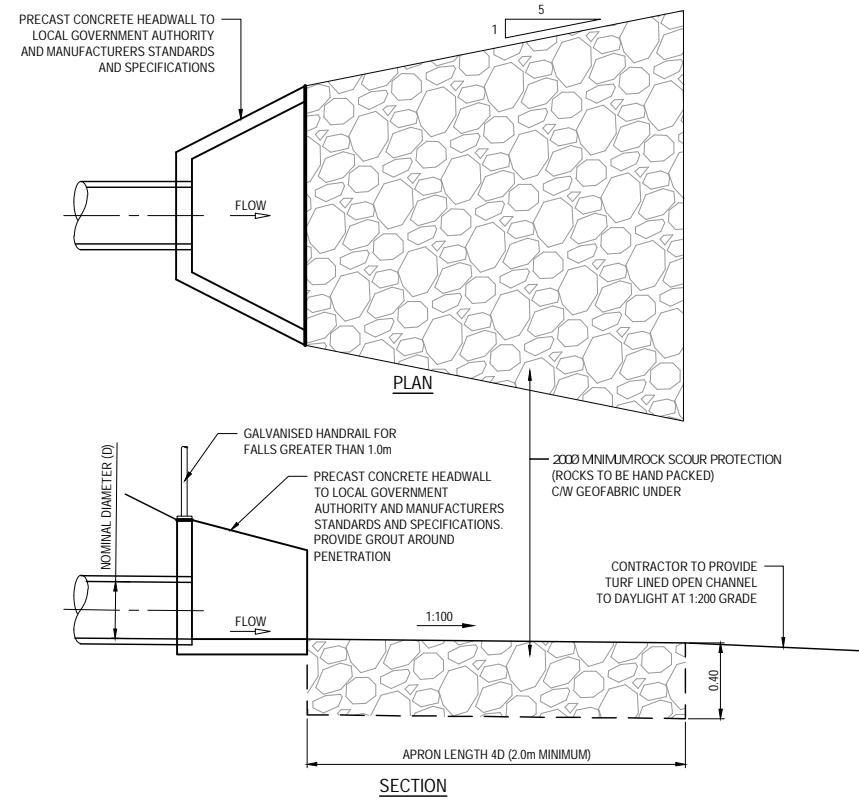
DRAWING TITLE: PRELIMINARY STORMWATER LAYOUT PLAN

PROJECT No.: 24112

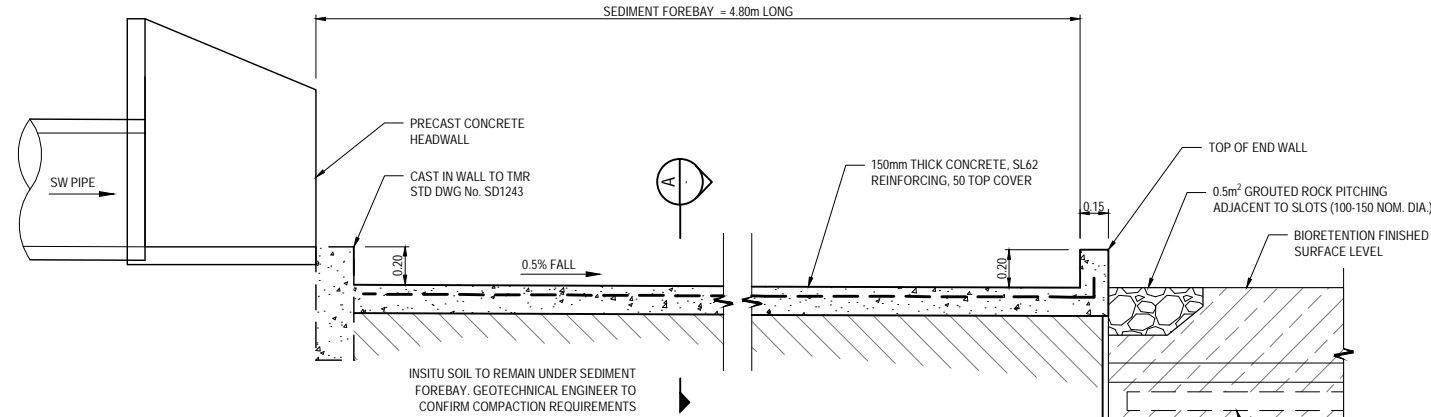
DRAWING No.: P300  
 PRELIMINARY

REV.: B

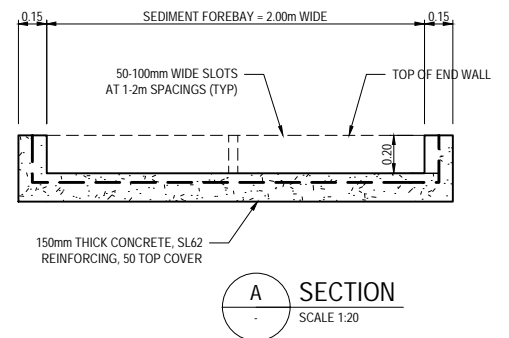
THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



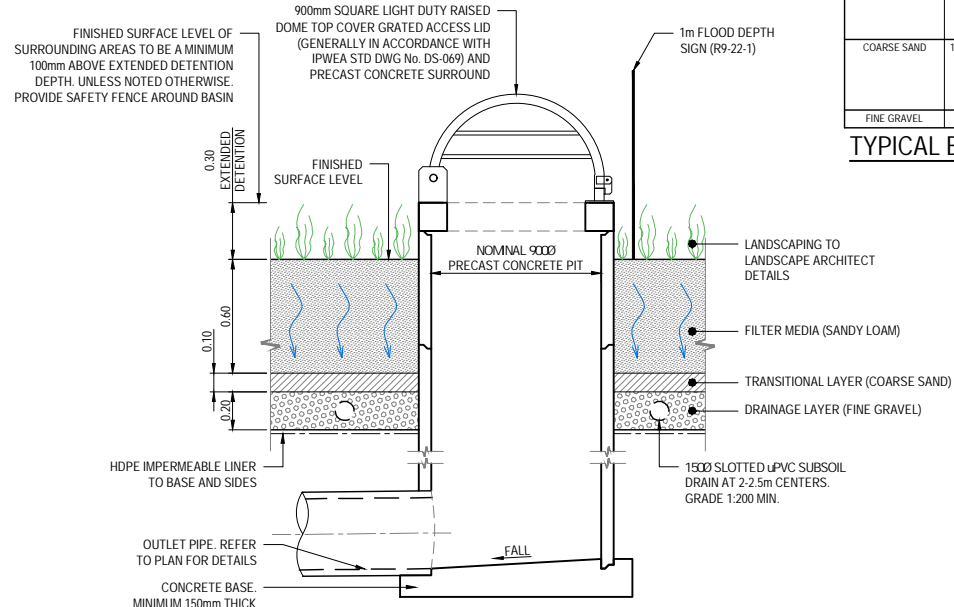
**PRECAST CONCRETE OUTLET HEADWALL TYPICAL DETAILS**  
NOT TO SCALE



**TYPICAL SEDIMENT FOREBAY DETAILS**  
SCALE 1:20



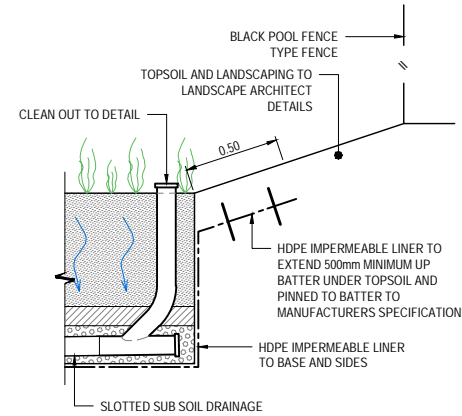
**A SECTION**  
SCALE 1:20



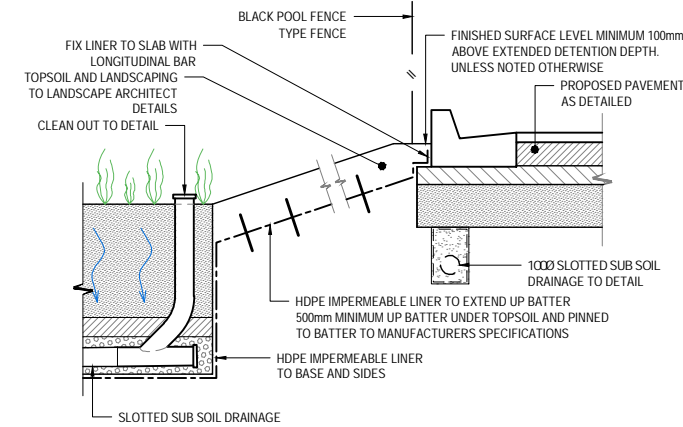
**TYPICAL BIORETENTION GRATED PIT INLET DETAIL**  
REFER TO IPWEAQ STD DWG No. DS-078 FOR TYPICAL BIORETENTION NOTES AND SPECIFICATION

BIORETENTION MEDIUM			
SANDY LOAM	0.45mm - 0.5mm	ORGANIC: 3 - 10%	ACIDITY: pH 5.5 - 7.5
COARSE SAND	1.0mm TYPICAL	HYDRAULIC CONDUCTIVITY: 400mm/hr	
		1.4mm: 100%	
		1.0mm: 80%	
		0.7mm: 44%	
		0.5mm: 8.4%	
FINE GRAVEL	2mm - 5mm		

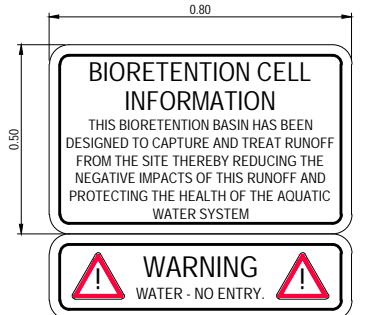
**TYPICAL BIORETENTION DETAIL**  
SCALE 1:20



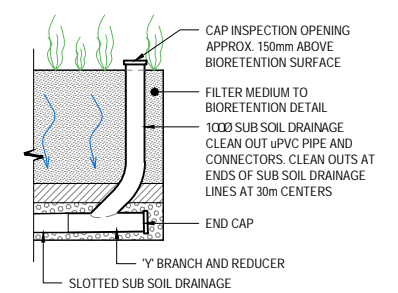
**TYPICAL BIORETENTION LINER DETAIL**  
SCALE 1:20



**TYPICAL BIORETENTION LINER DETAIL**  
SCALE 1:20



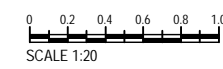
**BIORETENTION SIGN**  
NOT TO SCALE



**TYPICAL BIORETENTION CLEAN OUT (CO) DETAIL**  
SCALE 1:20

**NOTES**  
HDPE IMPERMEABLE LINER TO BASE AND SIDES. LINER TO HAVE A HYDRAULIC CONDUCTIVITY OF LESS THAN 1X10<sup>-10</sup>M/S. EXTEND LINER UP SIDES, 500mm ABOVE FINISHED WATER SURFACE LEVEL AND PIN UNDER TOPSOIL. PLACE LINER ON BEDDING SAND AND GEOFABRIC IF REQUIRED TO MANUFACTURERS SPECIFICATIONS. JOINTS TO BE LAPPED AND WELDED TO MANUFACTURERS SPECIFICATIONS. CONTRACTOR TO PROVIDE CERTIFICATION THAT LINER IS INSTALLED TO MANUFACTURERS SPECIFICATIONS.

PLOTTED: 11.11.2024



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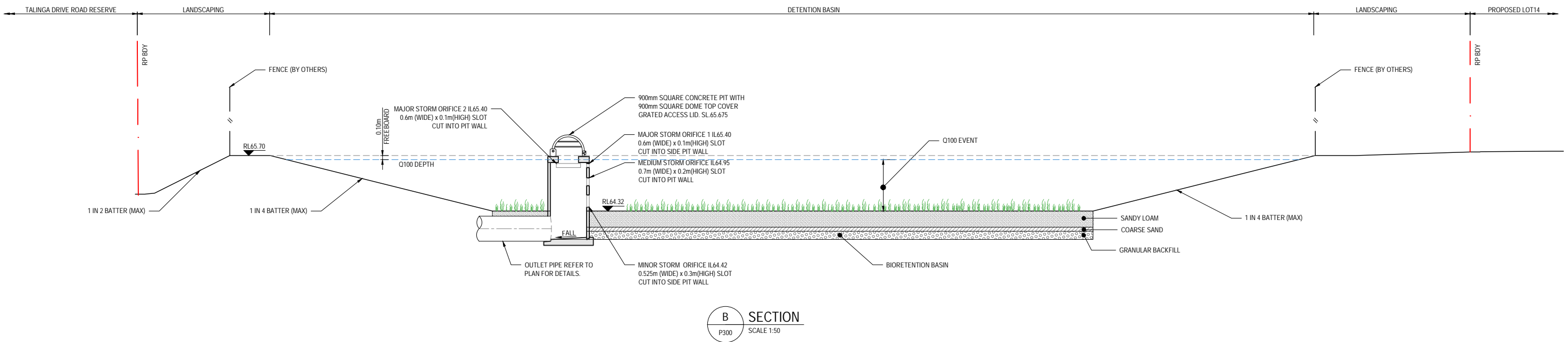
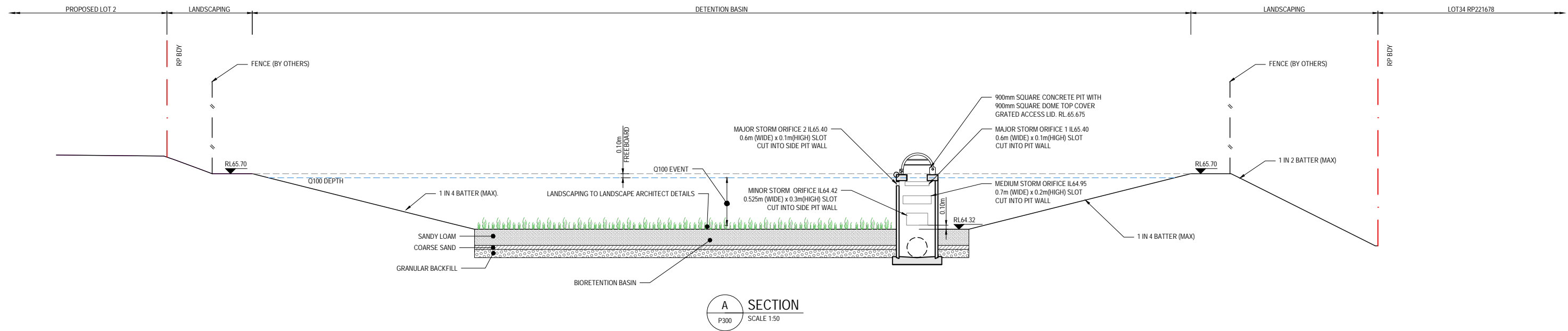
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CLIENT: **Anjan Padavala**  
SCALE: AS SHOWN  
SHEET SIZE: A1  
DRAFTED: ZK  
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ENGINEER: ML  
APPROVED:

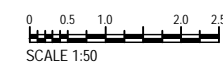
PROJECT: RESIDENTIAL DEVELOPMENT  
67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125  
DRAWING TITLE: PRELIMINARY STORMWATER DETAILS - SHEET 1

PROJECT No.: 24112  
DRAWING No.: P301  
REV.: B

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



PLOTTED: 11.11.2024



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CLIENT:

**Anjan Padavala**

SCALE: AS SHOWN  
 SHEET SIZE: A1  
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 DATUM: AHD  
 ENGINEER: ML  
 APPROVED:

PROJECT:

RESIDENTIAL DEVELOPMENT  
 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125

DRAWING TITLE:

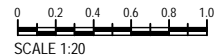
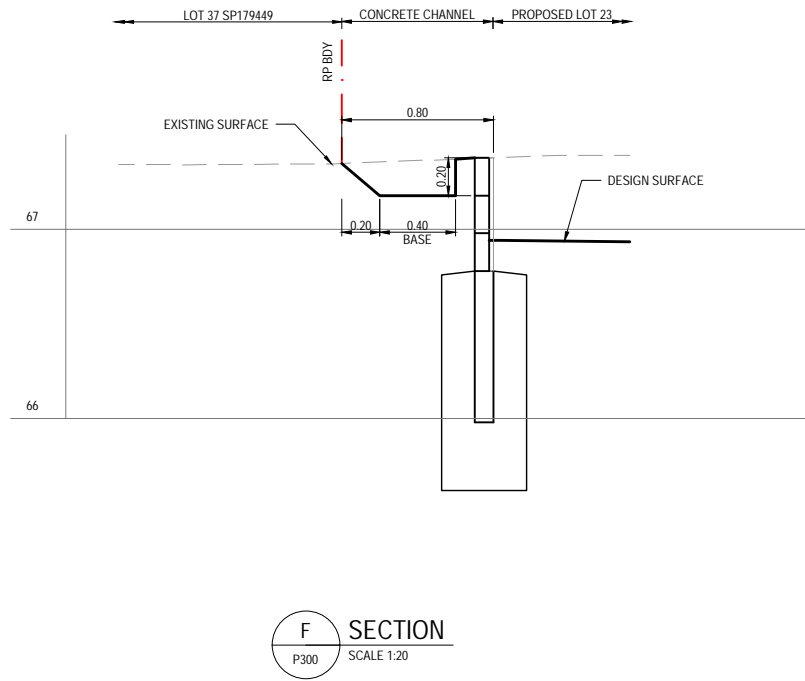
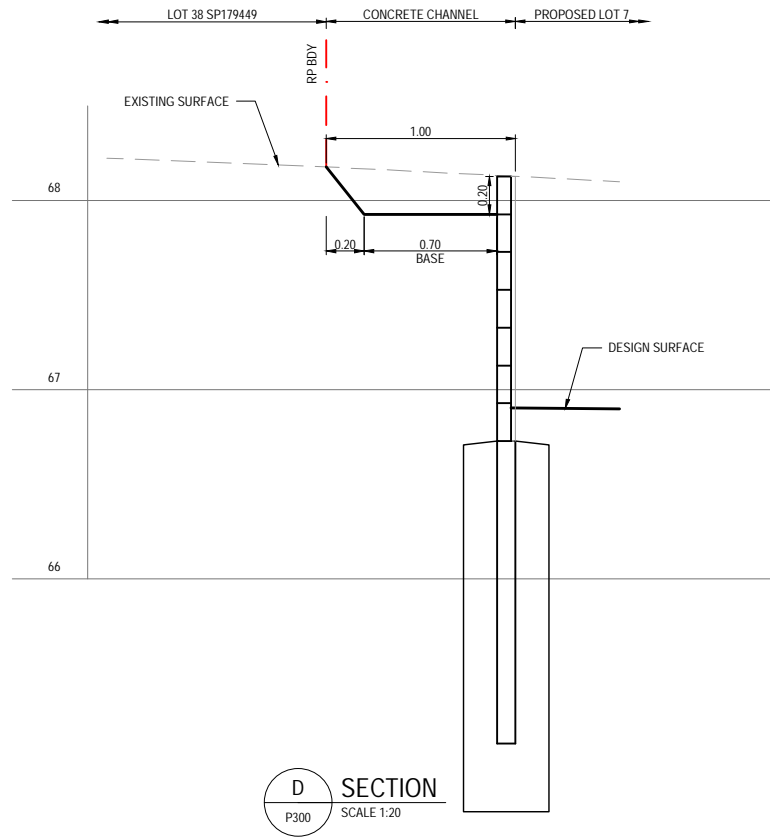
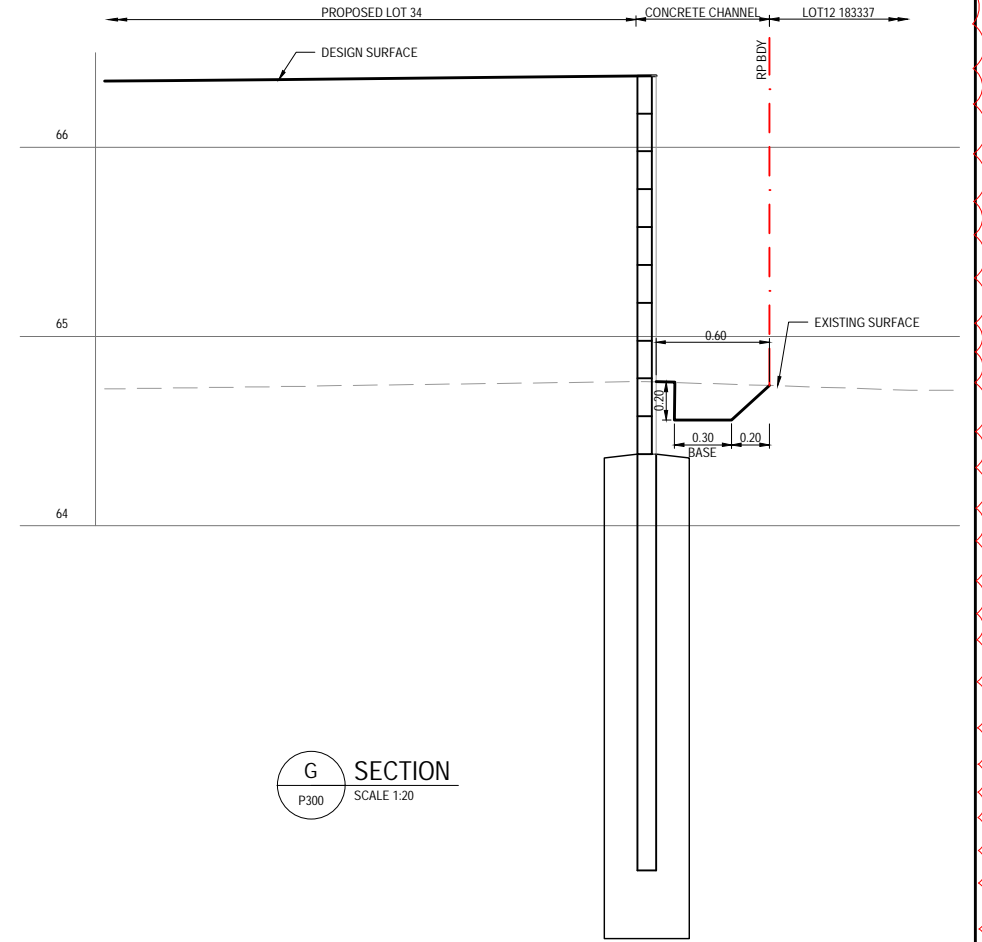
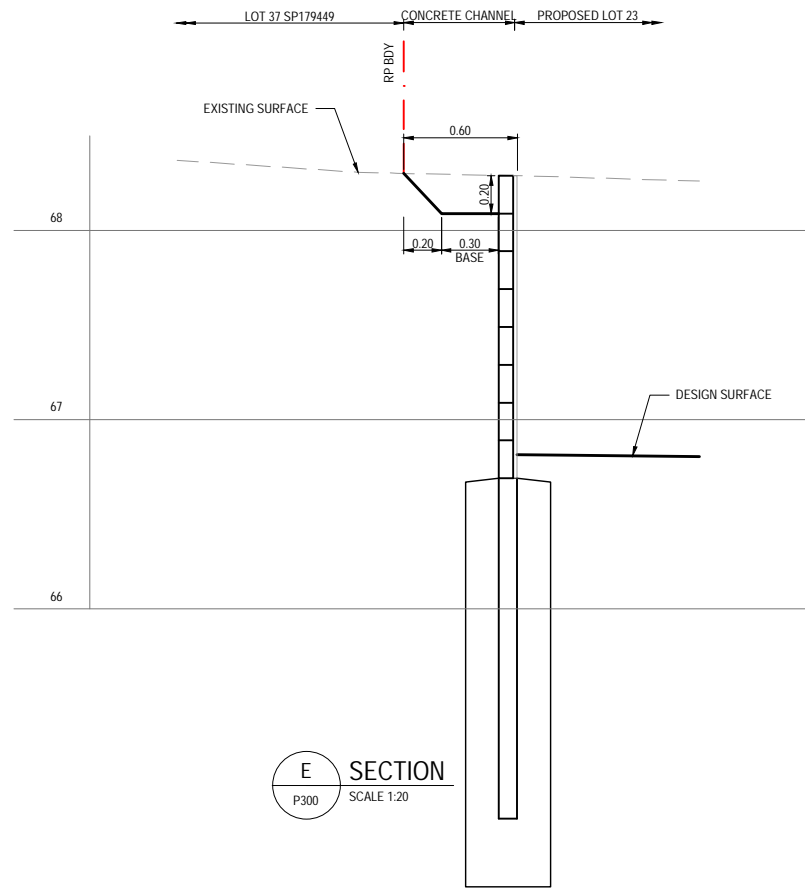
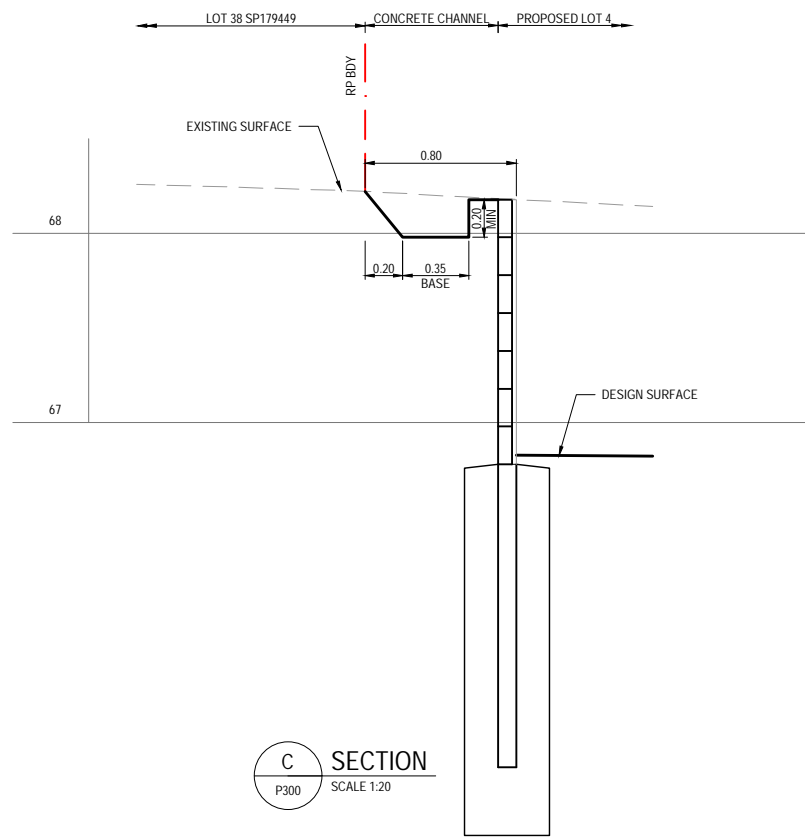
PRELIMINARY STORMWATER DETAILS - SHEET 2

PROJECT No: 24112

DRAWING No: P302  
 PRELIMINARY

REV: B

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



REV.	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR



CLIENT:  
**Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

PROJECT: RESIDENTIAL DEVELOPMENT 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125	PROJECT No.: 24112
DRAWING TITLE: PRELIMINARY STORMWATER DETAILS - SHEET 3	DRAWING No.: P300 PRELIMINARY

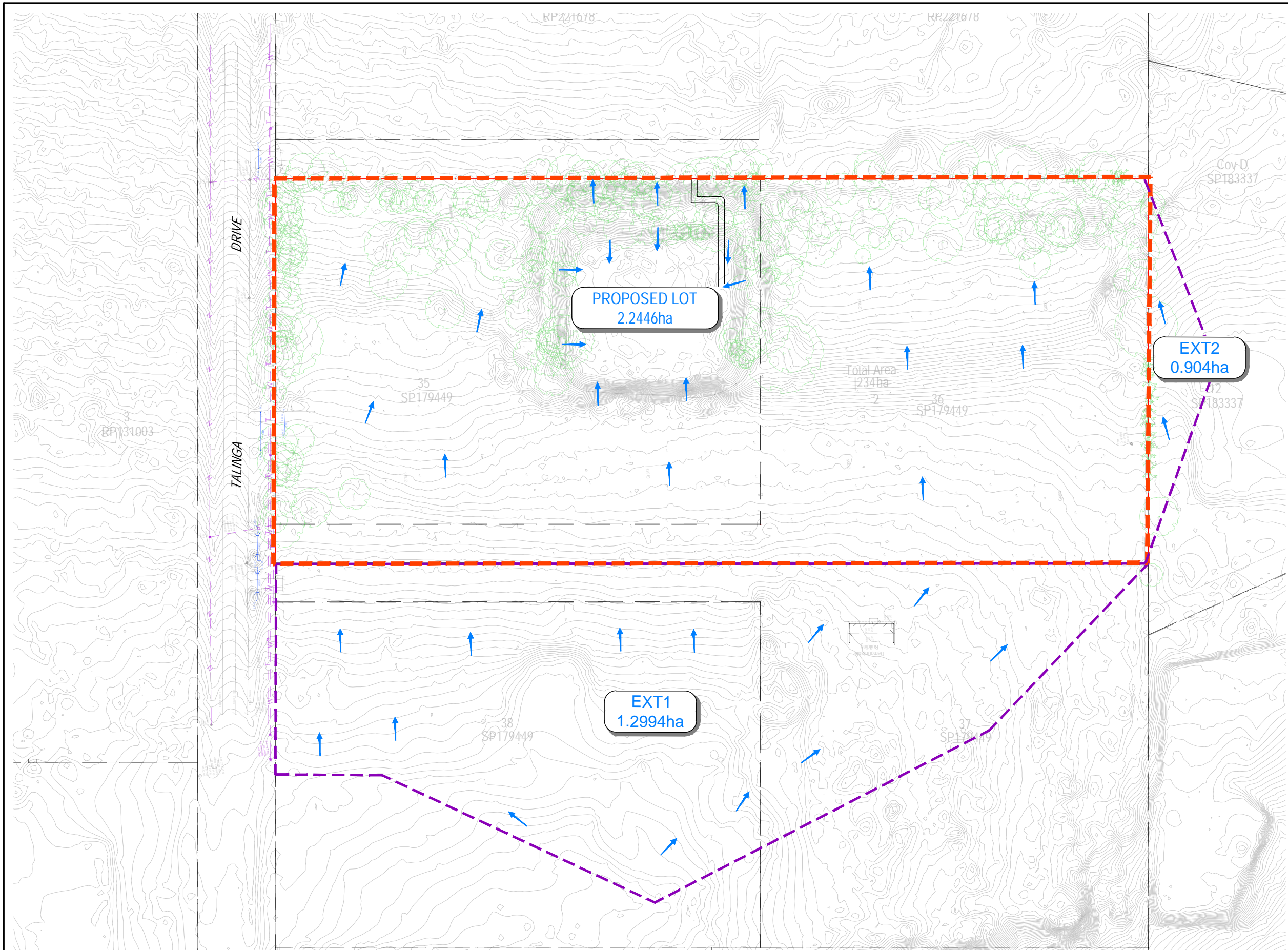
REV.: B
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PLOTTED: 11/11/2024

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION

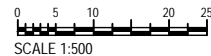
**STORMWATER CATCHMENT LEGEND**

- EXISTING PROPERTY BOUNDARY
- EXISTING EASEMENT BOUNDARY
- EXISTING STORMWATER DRAINAGE
- PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- STORMWATER DRAINAGE
- EXISTING INTERNAL CATCHMENT
- EXISTING EXTERNAL CATCHMENT
- DEVELOPED INTERNAL CATCHMENT
- STORMWATER FLOW



LAYOUT PLAN  
SCALE 1:500

PLOTTED: 11.11.2024



REV	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

**000**  
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P: 1300 185 737  
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CLIENT:

**Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

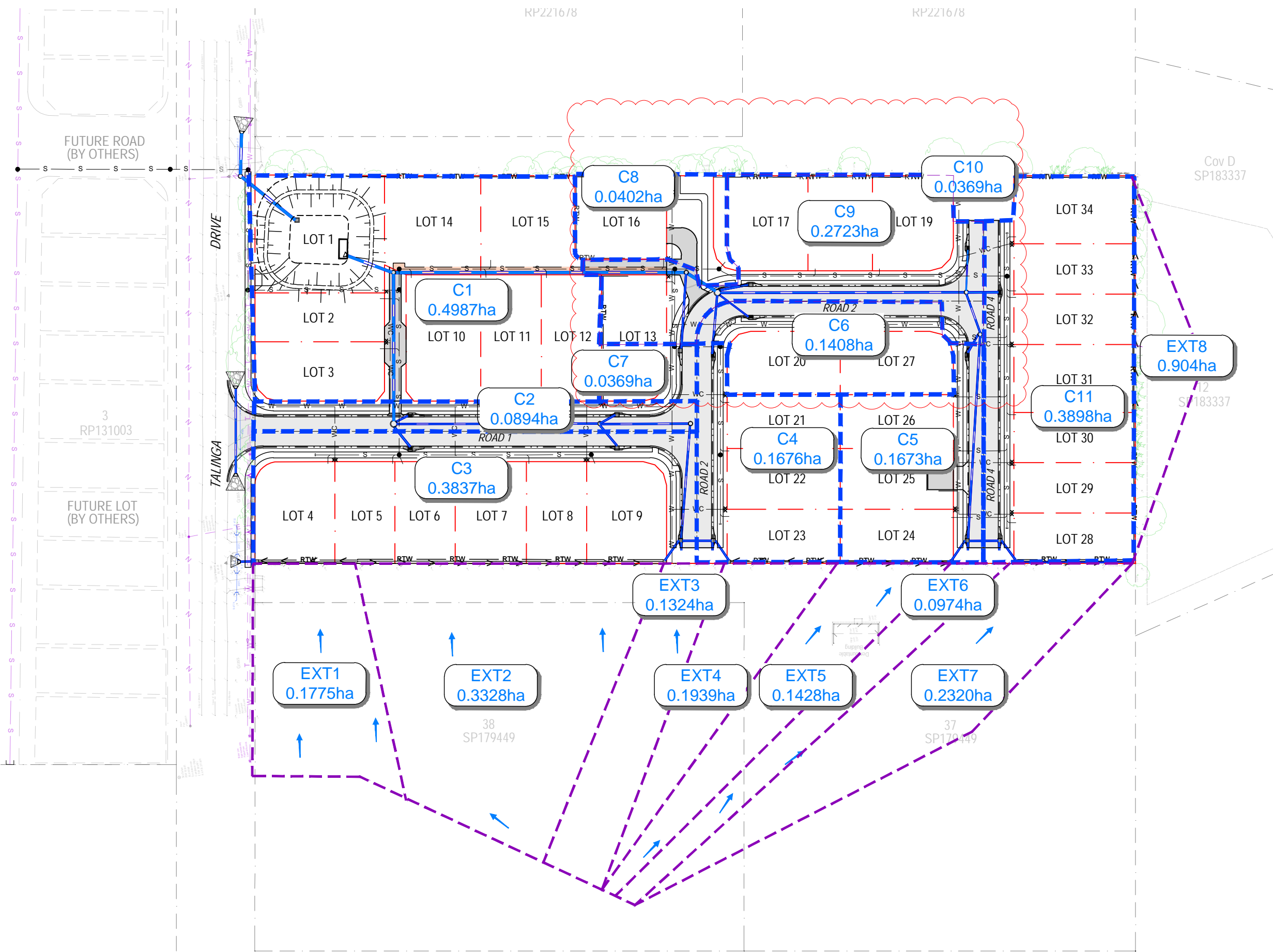
PROJECT:	RESIDENTIAL DEVELOPMENT 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125
DRAWING TITLE:	PRELIMINARY STORMWATER PRE-DEVELOPMENT CATCHMENT PLAN

PROJECT No:	24112
DRAWING No:	P320
REV:	B

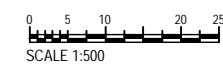
THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION

**STORMWATER CATCHMENT LEGEND**

- EXISTING PROPERTY BOUNDARY
- EXISTING EASEMENT BOUNDARY
- EXISTING STORMWATER DRAINAGE
- PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- STORMWATER DRAINAGE
- EXISTING INTERNAL CATCHMENT
- EXISTING EXTERNAL CATCHMENT
- DEVELOPED INTERNAL CATCHMENT
- STORMWATER FLOW



LAYOUT PLAN  
SCALE 1:500



REV	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

**VT CONSULTING ENGINEERS**

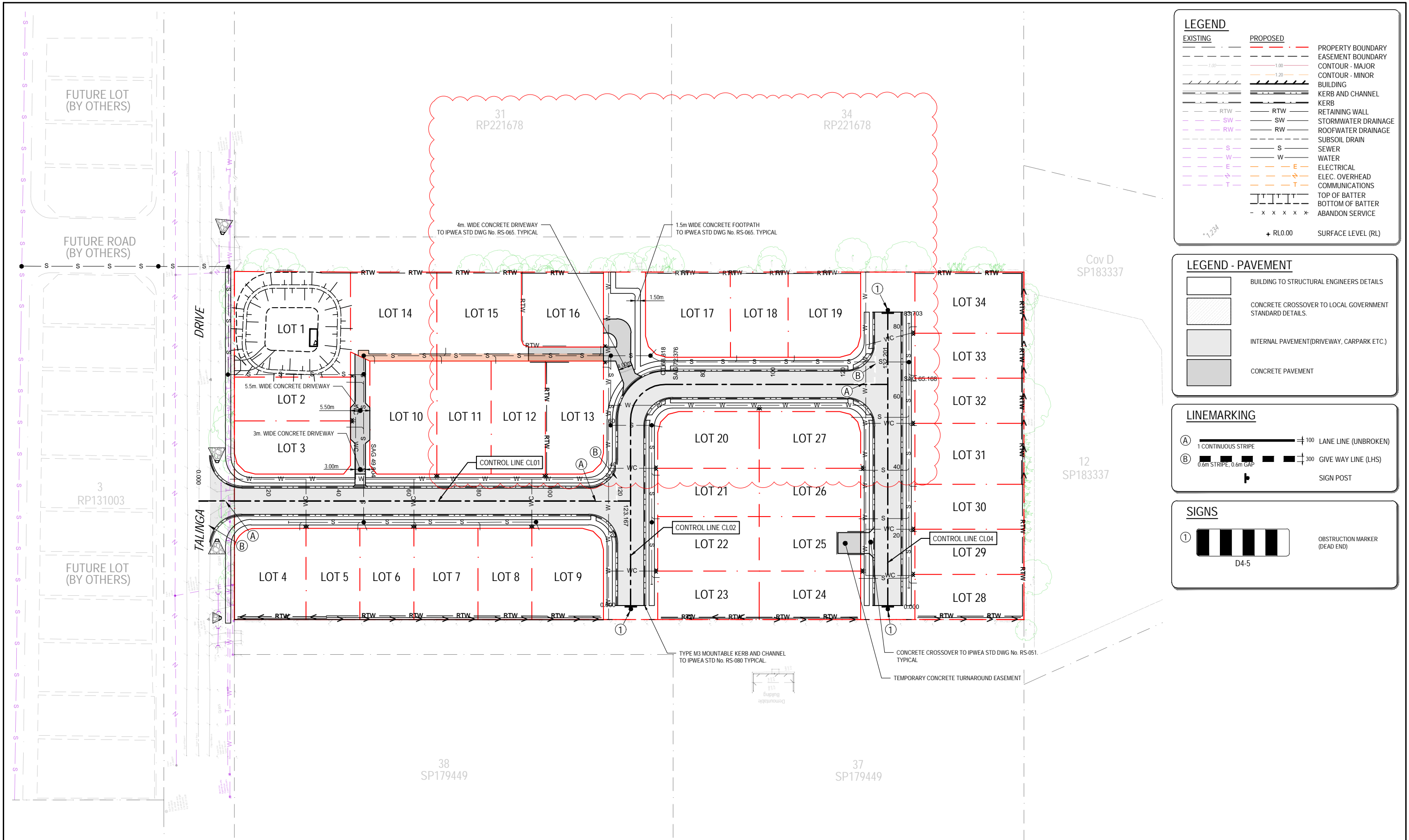
PO Box 26, Carina  
QLD 4152  
E: admin@vtce.com.au  
Ph: 1300 185 737  
W: vtce.com.au

CLIENT:	SCALE: AS SHOWN	DRAFTER: ZK	PROJECT:
<b>Anjan Padavala</b>	SHEET SIZE: A1	DESIGNER: KP	RESIDENTIAL DEVELOPMENT
	DATUM: AHD	ENGINEER: ML	67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125
		APPROVED:	PROJECT No: 24112

DRAWING TITLE:	DRAWING No:	REV:
PRELIMINARY STORMWATER POST-DEVELOPMENT CATCHMENT PLAN	P321	B
	PRELIMINARY	

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION

PLOTTED: 11.11.2024



**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY BOUNDARY
---	---	EASEMENT BOUNDARY
---	---	CONTOUR - MAJOR
---	---	CONTOUR - MINOR
---	---	BUILDING
---	---	KERB AND CHANNEL
---	---	KERB
---	---	RETAINING WALL
---	---	STORMWATER DRAINAGE
---	---	ROOFWATER DRAINAGE
---	---	SUBSOIL DRAIN
---	---	SEWER
---	---	WATER
---	---	ELECTRICAL
---	---	ELEC. OVERHEAD COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
	+ RL0.00	SURFACE LEVEL (RL)

**LEGEND - PAVEMENT**

[Pattern]	BUILDING TO STRUCTURAL ENGINEERS DETAILS
[Pattern]	CONCRETE CROSSOVER TO LOCAL GOVERNMENT STANDARD DETAILS.
[Pattern]	INTERNAL PAVEMENT (DRIVEWAY, CARPARK ETC.)
[Pattern]	CONCRETE PAVEMENT

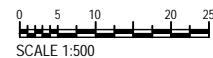
**LINEMARKING**

(A)	1 CONTINUOUS STRIPE	100	LANE LINE (UNBROKEN)
(B)	0.6m STRIPE, 0.6m GAP	300	GIVE WAY LINE (LHS)
			SIGN POST

**SIGNS**

(1)	[Sign Symbol]	D4-5	OBSTRUCTION MARKER (DEAD END)
-----	---------------	------	-------------------------------

LAYOUT PLAN  
SCALE 1:500



REV.	DATE	DESCRIPTION	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

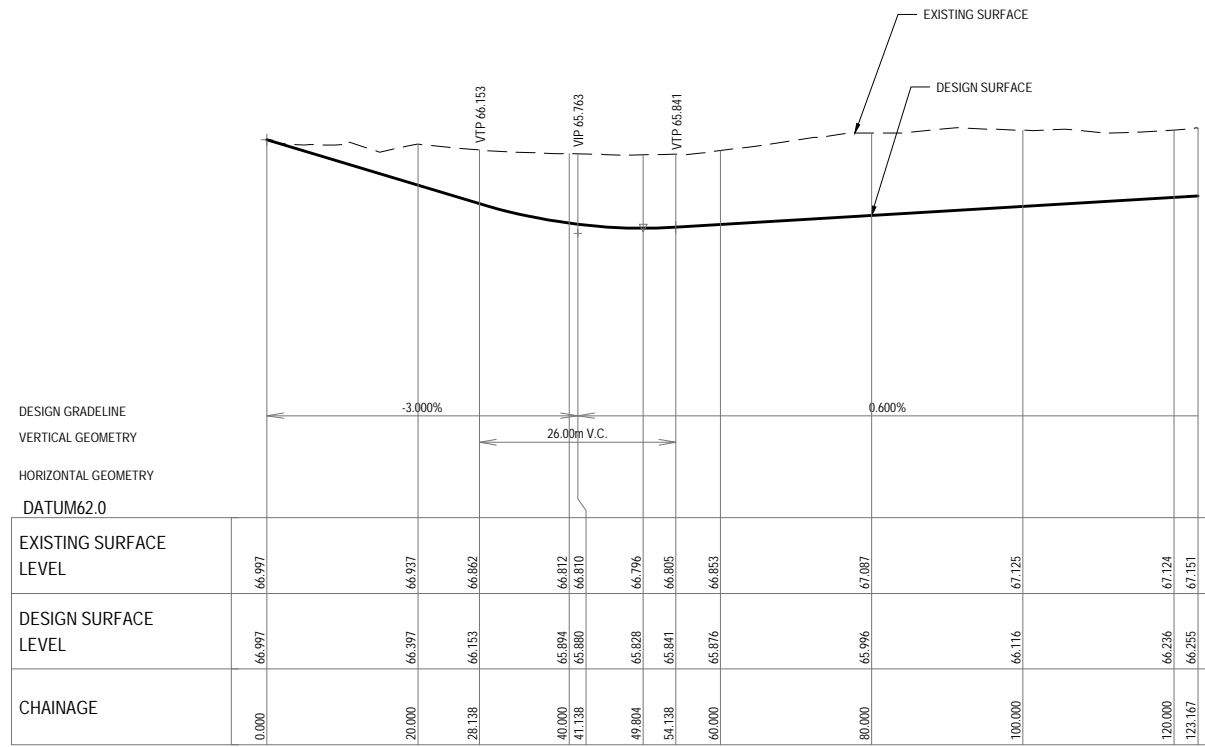
**VT CONSULTING ENGINEERS**

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QLD 4152  
E: admin@vtce.com.au  
Ph: 1300 185 737  
W: vtce.com.au

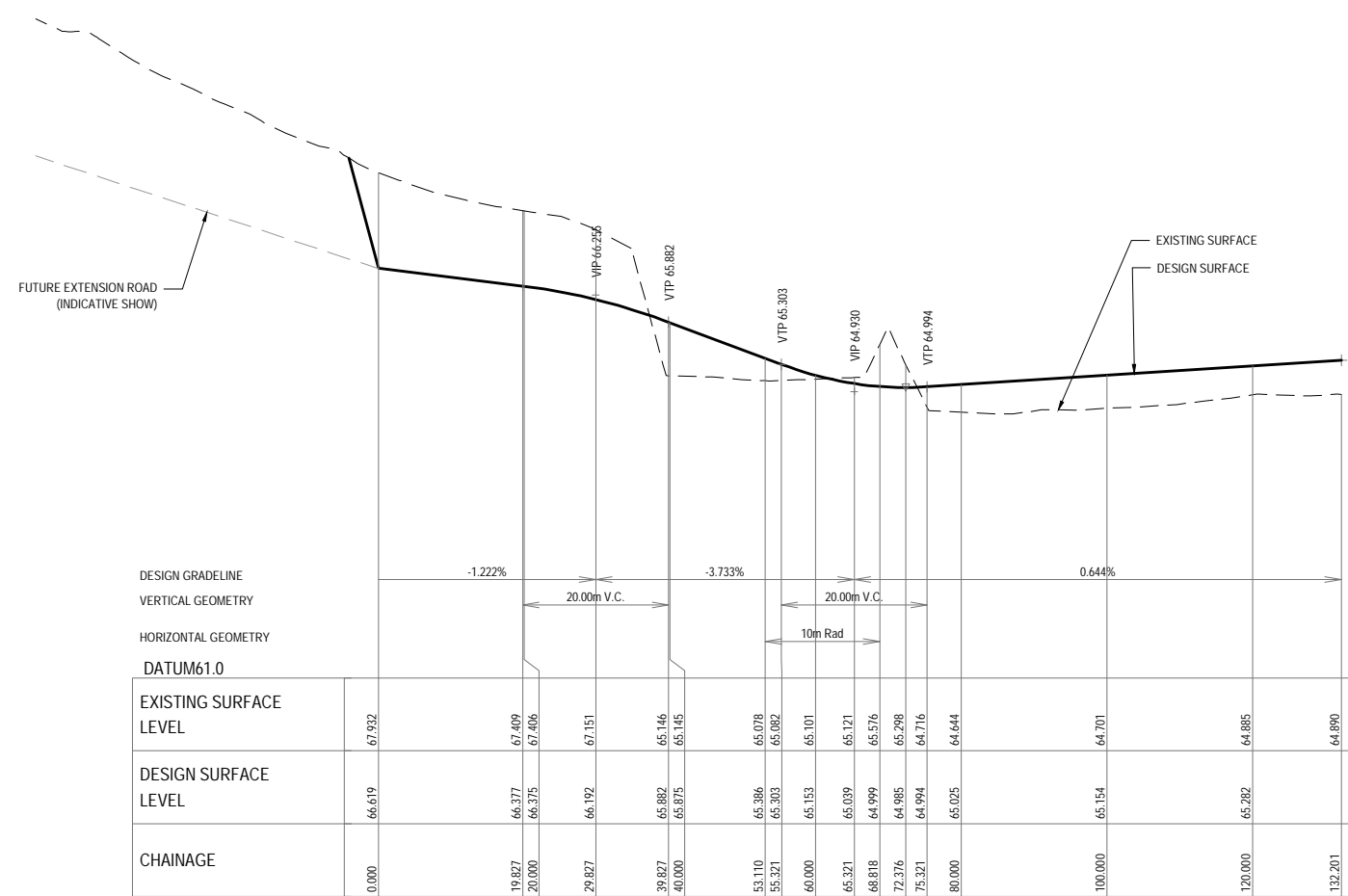
CLIENT: **Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

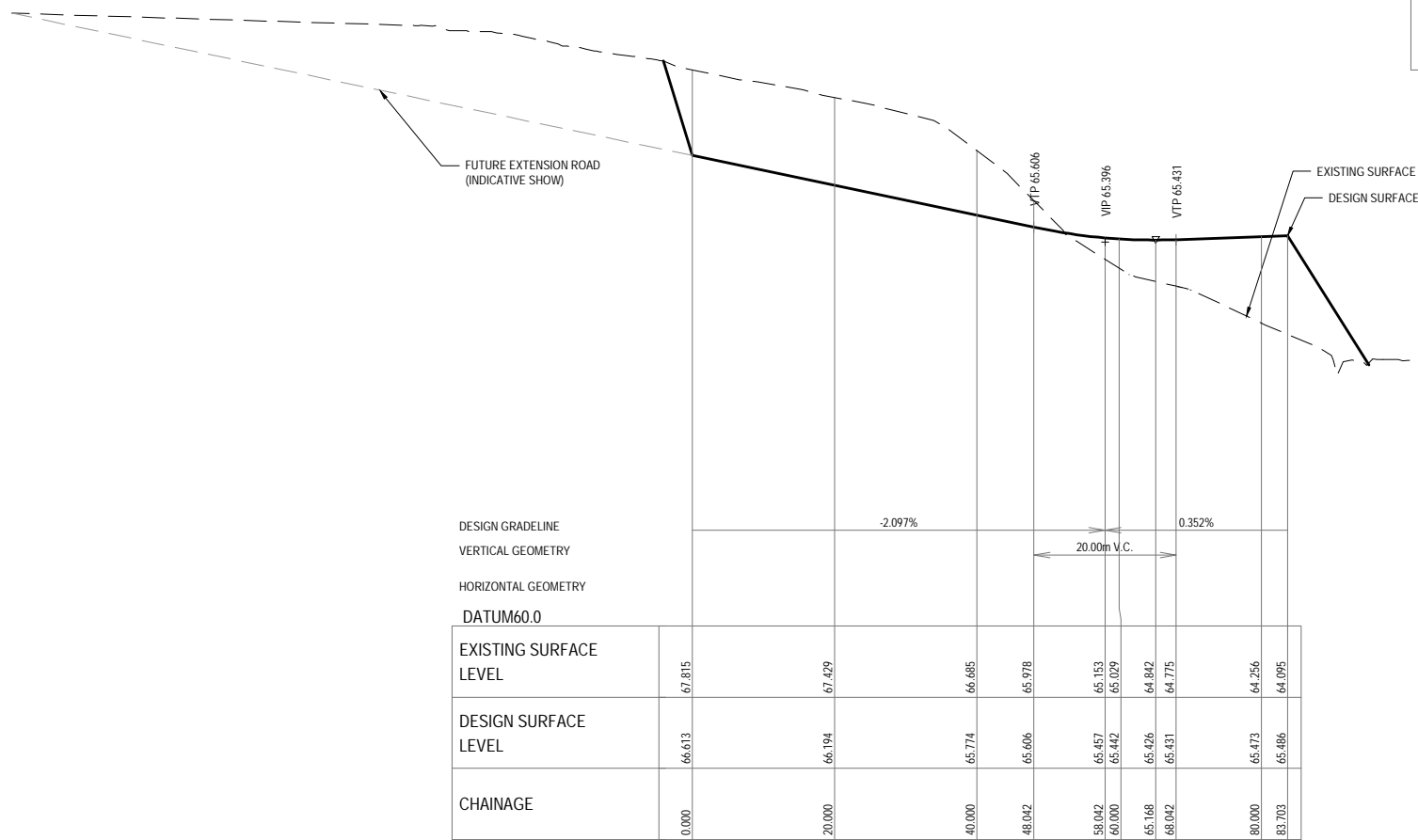
PROJECT: RESIDENTIAL DEVELOPMENT 67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125	PROJECT No.: 24112
DRAWING TITLE: PRELIMINARY ROADWORKS AND SIGNS AND LINEMARKING LAYOUT PLAN	DRAWING No.: P400 PRELIMINARY
	REV.: B



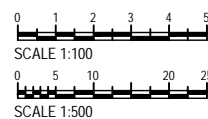
**LONGITUDINAL SECTION - CL01**  
HORIZONTAL SCALE 1:500, VERTICAL SCALE 1:50



**LONGITUDINAL SECTION - CL02**  
HORIZONTAL SCALE 1:500, VERTICAL SCALE 1:50



**LONGITUDINAL SECTION - CL04**  
HORIZONTAL SCALE 1:500, VERTICAL SCALE 1:100



REV	DATE	DESCRIPTION	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR



CLIENT:  
**Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

PROJECT:  
**RESIDENTIAL DEVELOPMENT**  
67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125

DRAWING TITLE:  
**PRELIMINARY ROADWORKS LONGITUDINAL SECTIONS**

PROJECT No:	24112
DRAWING No:	P410
REV:	B

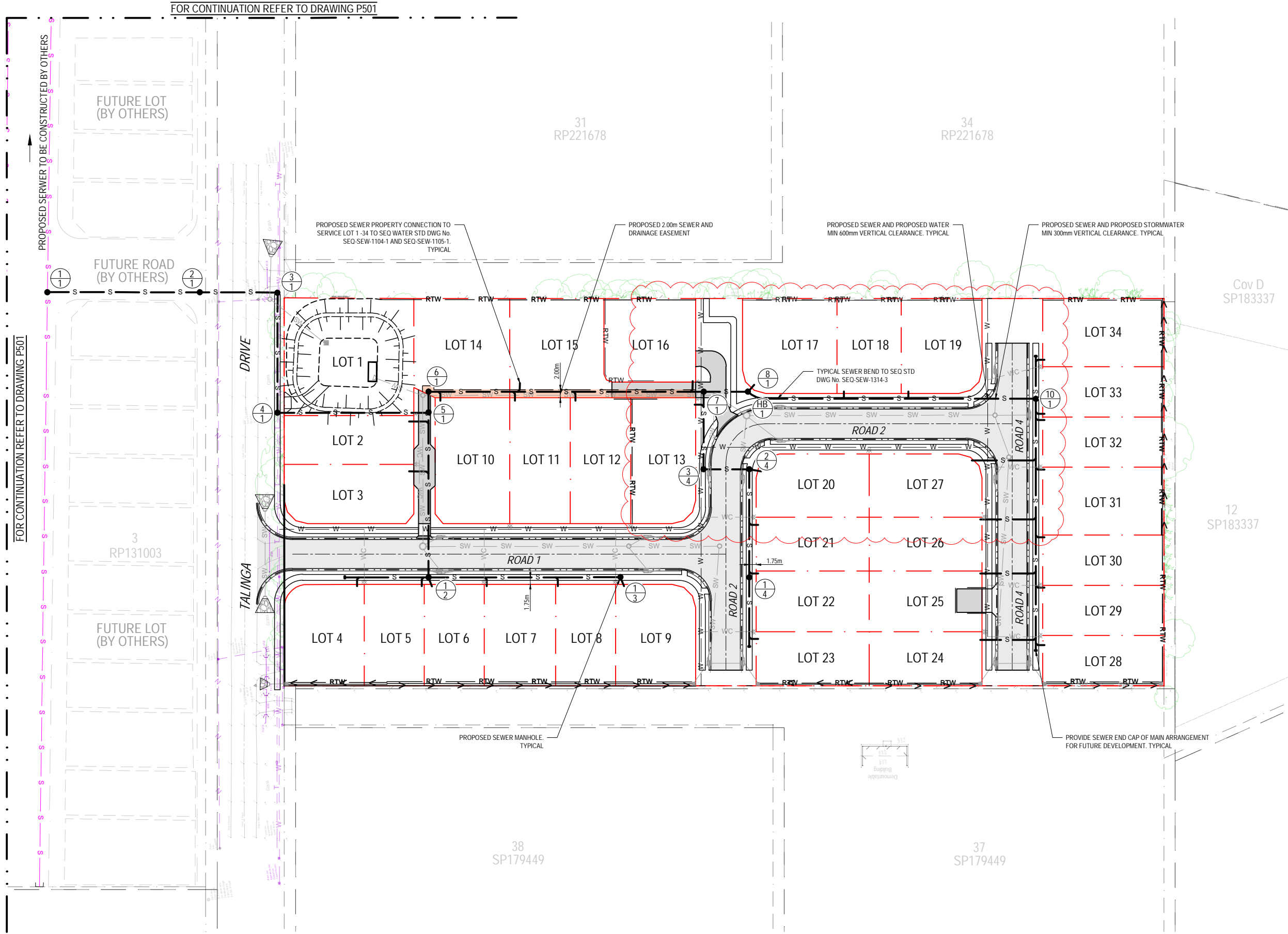
PLOTTED: 11.11.2024

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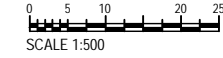
FOR CONTINUATION REFER TO DRAWING P501

**LEGEND**

EXISTING	PROPOSED	
		PROPERTY BOUNDARY
		EASEMENT BOUNDARY
		CONTOUR - MAJOR
		CONTOUR - MINOR
		BUILDING
		KERB AND CHANNEL
		KERB
		RETAINING WALL
		STORMWATER DRAINAGE
		ROOFWATER DRAINAGE
		SUBSOIL DRAIN
		SEWER
		WATER
		ELECTRICAL
		ELEC. OVERHEAD
		COMMUNICATIONS
		TOP OF BATTER
		BOTTOM OF BATTER
		ABANDON SERVICE
		SURFACE LEVEL (RL)



LAYOUT PLAN  
SCALE 1:500



REV.	DATE	AMENDMENT	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

**VT CONSULTING ENGINEERS**

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CLIENT: **Anjan Padavala**

SCALE: AS SHOWN	DRAFTER: ZK
SHEET SIZE: A1	DESIGNER: KP
DATUM: AHD	ENGINEER: ML
APPROVED:	

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PROJECT: RESIDENTIAL DEVELOPMENT  
67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125

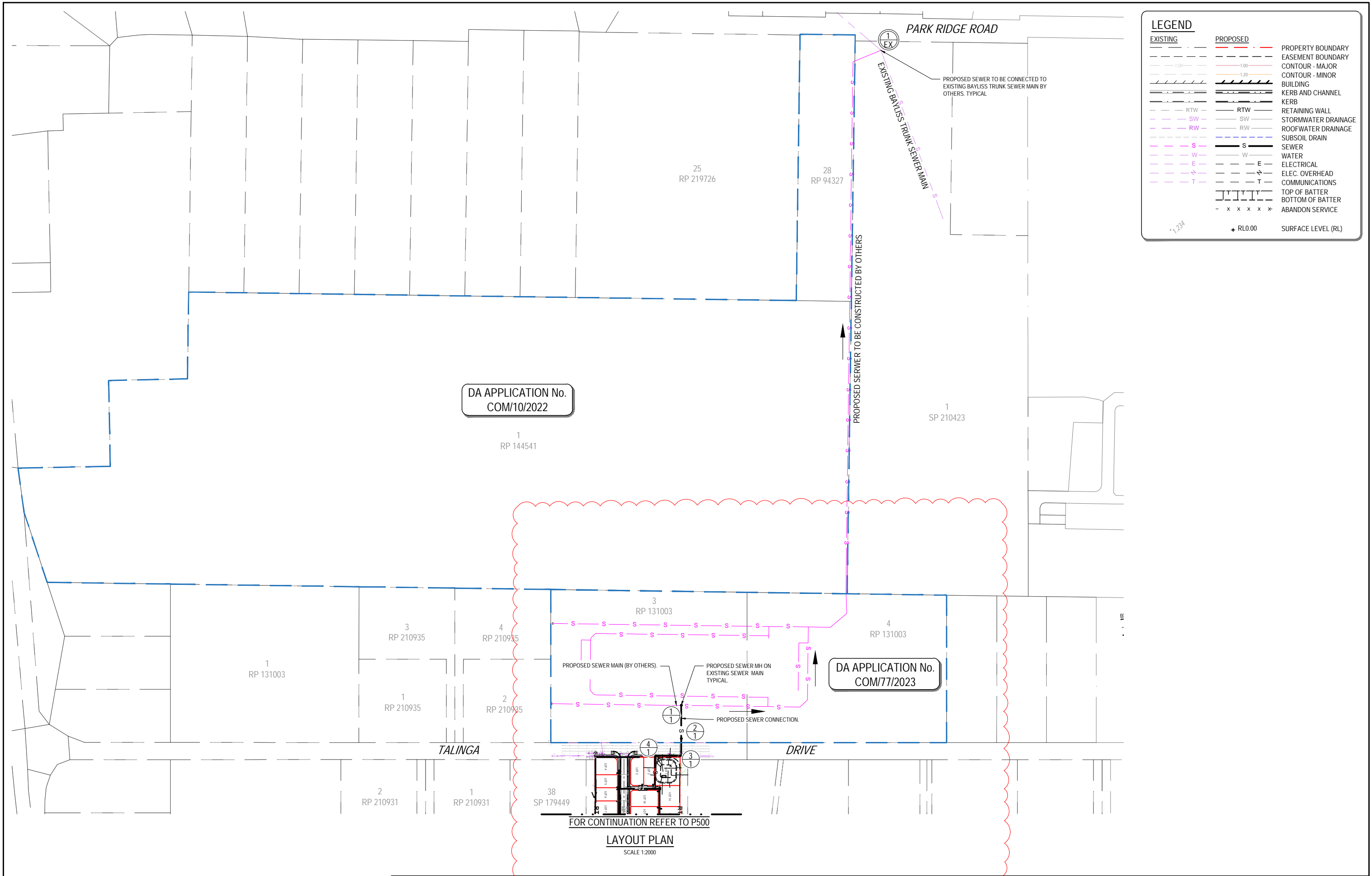
DRAWING TITLE: PRELIMINARY SEWER LAYOUT PLAN - SHEET 1

PROJECT No.: 24112

DRAWING No.: P500  
PRELIMINARY

REV.: B

THIS PLAN MUST BE PLOTTED IN COLOUR FOR CORRECT DESIGN PRESENTATION



LEGEND		
<b>EXISTING</b>	<b>PROPOSED</b>	
---	---	PROPERTY BOUNDARY
---	---	EASEMENT BOUNDARY
---	---	CONTOUR - MAJOR
---	---	CONTOUR - MINOR
---	---	BUILDING
---	---	KERB AND CHANNEL
---	---	KERB
---	---	RETAINING WALL
---	---	STORMWATER DRAINAGE
---	---	ROOFWATER DRAINAGE
---	---	SUBSOIL DRAIN
---	---	SEWER
---	---	WATER
---	---	ELECTRICAL
---	---	ELEC. OVERHEAD
---	---	COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
	+ RL0.00	SURFACE LEVEL (RL)

DA APPLICATION No.  
COM/10/2022

DA APPLICATION No.  
COM/77/2023

FOR CONTINUATION REFER TO P500  
**LAYOUT PLAN**  
SCALE 1:2000

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	REV	DATE	DESCRIPTION	BY	CHK																
B	11.10.24	GENERAL AMENDMENTS	KP	PR																	
A	22.10.24	ORIGINAL ISSUE	ZK	PR																	
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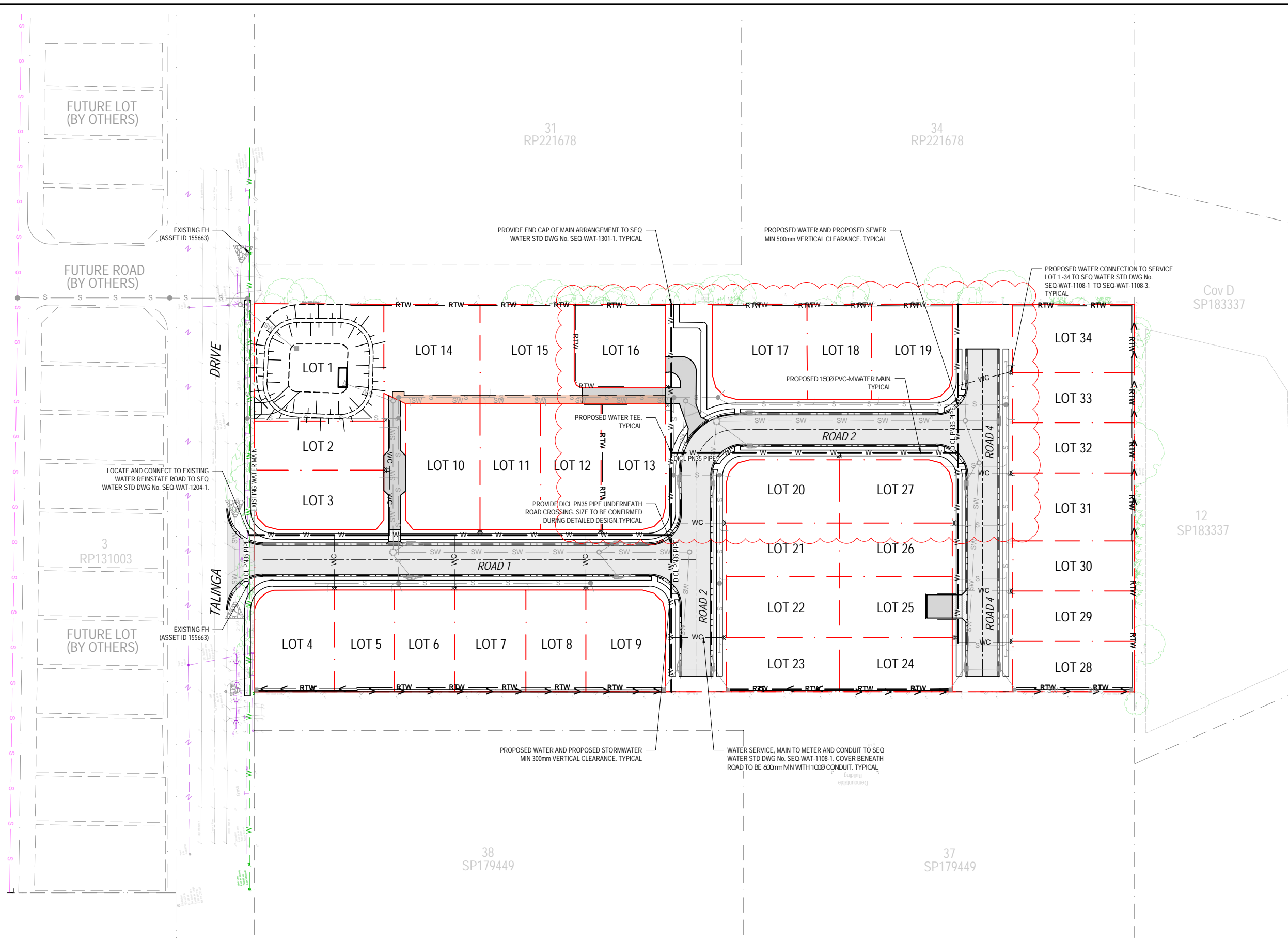
PLOTTED: 11.11.2024

SCALE 1:2000

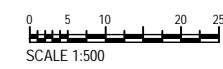
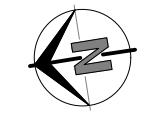
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**LEGEND**

EXISTING	PROPOSED	
---	---	PROPERTY BOUNDARY
---	---	EASEMENT BOUNDARY
---	---	CONTOUR - MAJOR
---	---	CONTOUR - MINOR
---	---	BUILDING
---	---	KERB AND CHANNEL
---	---	KERB
---	---	RETAINING WALL
---	---	STORMWATER DRAINAGE
---	---	ROOFWATER DRAINAGE
---	---	SUBSOIL DRAIN
---	---	SEWER
---	---	WATER
---	---	ELECTRICAL
---	---	ELEC. OVERHEAD
---	---	COMMUNICATIONS
---	---	TOP OF BATTER
---	---	BOTTOM OF BATTER
---	---	ABANDON SERVICE
---	---	SURFACE LEVEL (RL)



**LAYOUT PLAN**  
SCALE 1:500



REV	DATE	DESCRIPTION	BY	CHK
B	11.10.24	GENERAL AMENDMENTS	KP	PR
A	22.10.24	ORIGINAL ISSUE	ZK	PR

**VT CONSULTING ENGINEERS**

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CLIENT: **Anjan Padavala**

SCALE: AS SHOWN  
SHEET SIZE: A1  
DATUM: AHD

DRAFTER: ZK  
DESIGNER: KP  
ENGINEER: ML

APPROVED: \_\_\_\_\_

PROJECT: RESIDENTIAL DEVELOPMENT  
67&69-75 TALINGA DRIVE, PARK RIDGE QLD 4125

DRAWING TITLE: PRELIMINARY WATER LAYOUT PLAN

PROJECT No.: 24112

DRAWING No.: P510  
REV.: B

PLOTTED: 11.11.2024

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