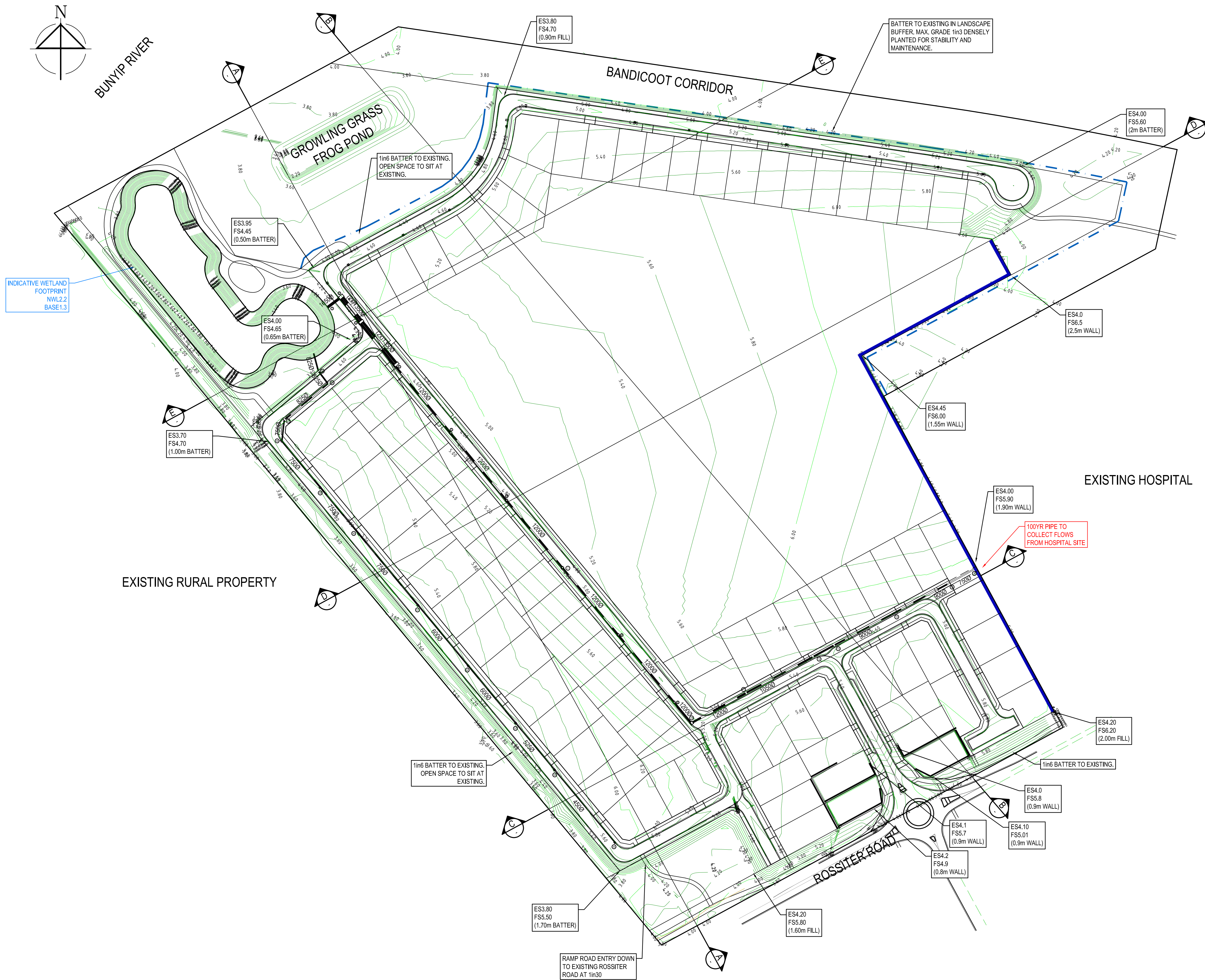
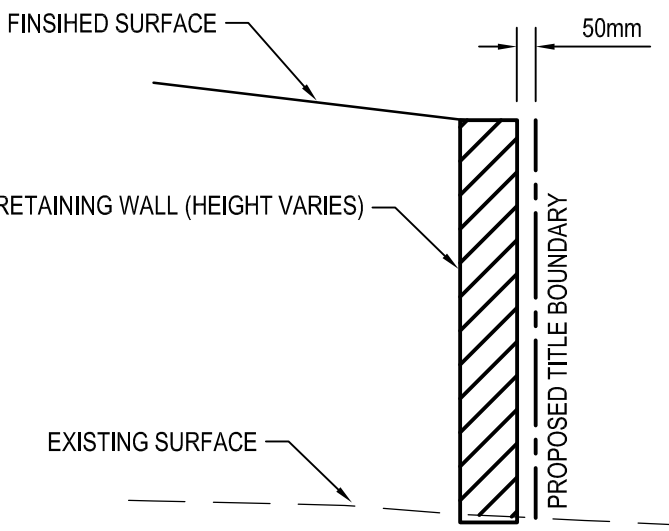




LEGEND

- TITLE BOUNDARY
- RETAINING WALL
- DRAINAGE PIT NUMBER
- PROPOSED KERB & CHANNEL
- PROPOSED R.C.P DRAINAGE
- DESIGN CONTOUR



TYPICAL RETAINING WALL DETAIL

N.T.S.

EXISTING HOSPITAL

EXISTING RURAL PROPERTY

E	UPDATED FINISHED SURFACE	B.C	B.B	W.A	24/07/26
D	UPDATED FINISHED SURFACE	B.C	B.B	W.A	22/12/25
C	CONTOUR & Q100 PIPES UPDATED	B.C	B.B	W.A	29/04/25
B	PRELIMINARY ISSUE	E.S	B.B	W.A	15/08/24
A	PRELIMINARY ISSUE	S.Y	S.Y	S.Y	13/12/21

Rev	Reason	Drawn	Des	Chk	Date
	REGISTERED ENGINEER NAME RYAN FLACK				
	PE, REG. No. PE0007691				
	I HEREBY CERTIFY THESE PLANS				

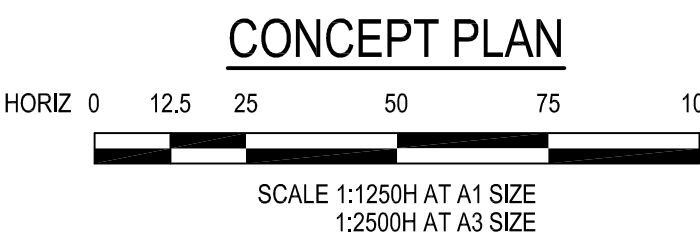
PRELIMINARY

CLIENT:
ROSSITER ROAD INVESTMENTS PTY LTD

PROJECT:
145 ROSSITER ROAD, KOO WEE RUP

CONCEPT PLAN
ROAD AND DRAINAGE

Job	Drawing	Revision
E10323.00	CP01	E
Sheet: 1 of 6		
Scale: AS SHOWN @ A1	Municipality: CARDINIA	Melway Ref. 300 C8



CONCEPT PLAN

This plan (or the data transmitted herewith) has been prepared to facilitate the construction and should not be used for any other purpose. KLM Spatial accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-Out dimensions of all design lines, grid lines, control lines, recovery marks and bench marks should be verified and confirmed against the latest information at construction. KLM Spatial is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work. This note is an integral part of this plan. Reproduction of this plan or any part of it without this note being included in full will render the information shown on such reproduction invalid and not suitable for use. DISCLAIMER - KLM Spatial therefore disclaims any liability whatsoever and howsoever caused for loss or damage arising from a third party's misuse of the plan/data (whether inadvertent or not) caused by the failure to inform any such third party of the limitations which apply to the information contained in this plan within the accompanying data.



Planners Building Designers
Surveyors Engineers
Suite 1, Building 2
3 Ordish Road
Dandenong South 3175
Telephone 03 9794 1600
manager@klms.com.au



HORIZ 0 10 20 40 60 80

VERT 0 1 2 4 6 8

SCALE 1:1000H 1:100V AT A1 SIZE
1:2000H 1:200V AT A3 SIZE

PRELIMINARY

Job	Drawing	Revision
E10323.00	CP02	E
Sheet: 2 of 6		
Scale: AS SHOWN @ A1	Municipality: CARDINIA	Melway Ref. 300 C



HORIZ 0 10 20 40 60 80

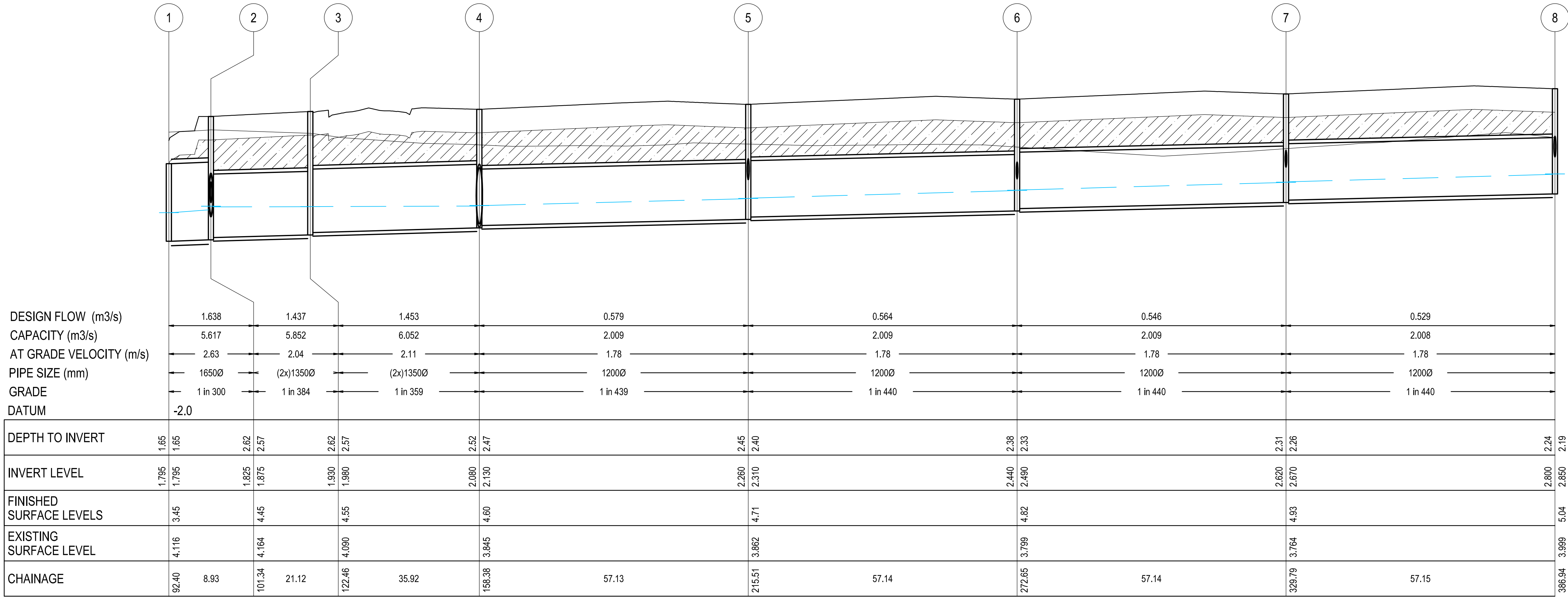
VERT 0 1 2 4 6 8

SCALE 1:1000H 1:100V AT A1 SIZE
1:2000H 1:200V AT A3 SIZE

PRELIMINARY

Job	Drawing	Revision
E10323.00	CP03	E
Sheet: 3 of 6		
Scale: AS SHOWN @ A1	Municipality: CARDINIA	Melway Ref. 300 C

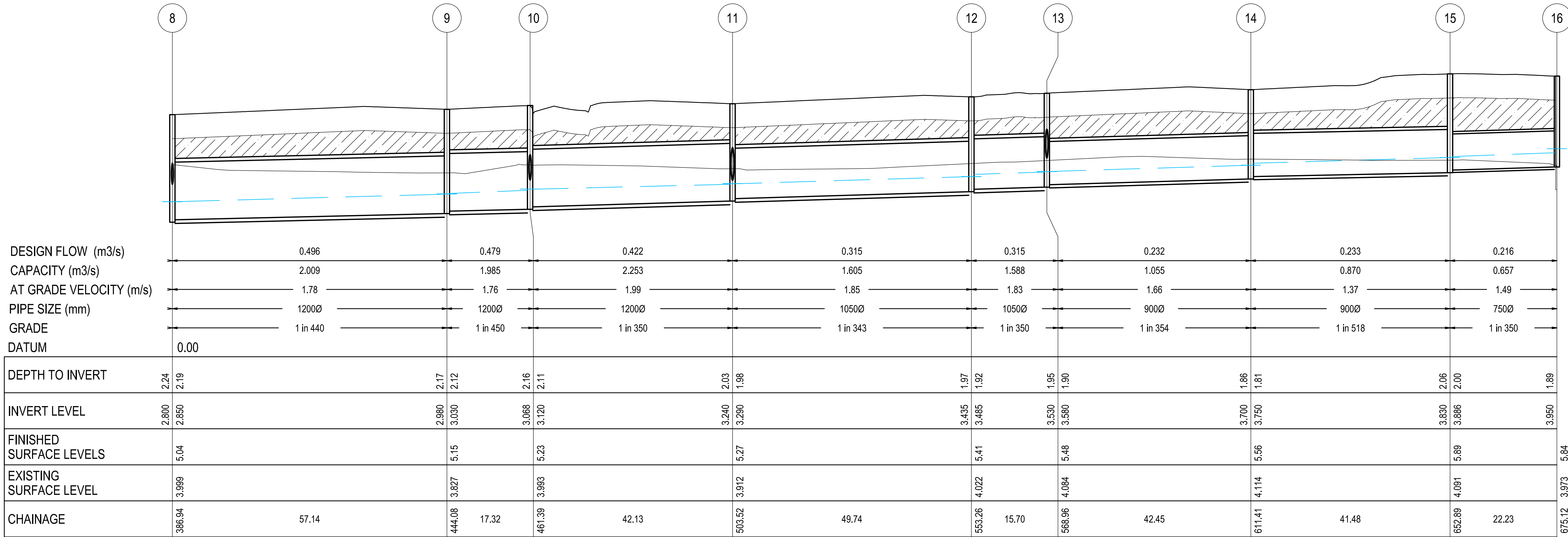




NOTE:
WHERE CRUSHED ROCK BACKFILL IS SPECIFIED, IT SHALL BE AS FOLLOWS:
UNDER ROAD PAVEMENT - CLASS 2
UNDER FOOTPATHS & DRIVEWAYS - CLASS 3
ELSEWHERE (> 450Ø) - CLASS 4

ONLY BACKFILL UNDER ROAD PAVEMENT ARE SHOWN ON DRAINAGE LONGITUDINAL SECTION. CONTRACTOR IS TO ENSURE BACKFILL BEHIND BACK OF KERB, UNDER CONCRETE FOOTPATHS, DRIVEWAYS AND PIPES GREATER THAN 600mm LOCATED PARALLEL BEHIND / UNDER THE KERB TO BE PROVIDED AS REQUIRED.

ALL TRENCHES & BACKFILL MATERIAL TO BE COMPACTED TO MINIMUM STANDARD DENSITY OF 95% IN ACCORDANCE TO COUNCIL'S SPECIFICATIONS.



E	UPDATED FINISHED SURFACE	B.C	B.B	W.A	24/07/26
D	UPDATED FINISHED SURFACE	B.C	B.B	W.A	22/12/25
C	DRAINAGE UPDATED	E.S	B.B	W.A	10/04/25
B	PRELIMINARY ISSUE	E.S	B.B	W.A	15/08/24
A	PRELIMINARY ISSUE	S.Y	S.Y	S.Y	13/12/21
Rev	Reason	Drawn	Des.	Chk.	Date

REGISTERED ENGINEER NAME
RYAN FLACK
I HEREBY CERTIFY THESE PLANS
PE REG. No. PE0007691

PRELIMINARY

CLIENT:
ROSSITER ROAD INVESTMENTS PTY LTD

PROJECT:
145 ROSSITER ROAD, KOO WEE RUP

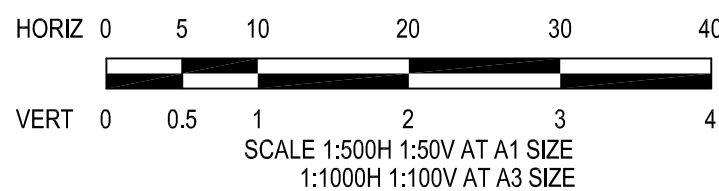
DRAINAGE LONGITUDINAL SECTIONS
SHEET 1 OF 2

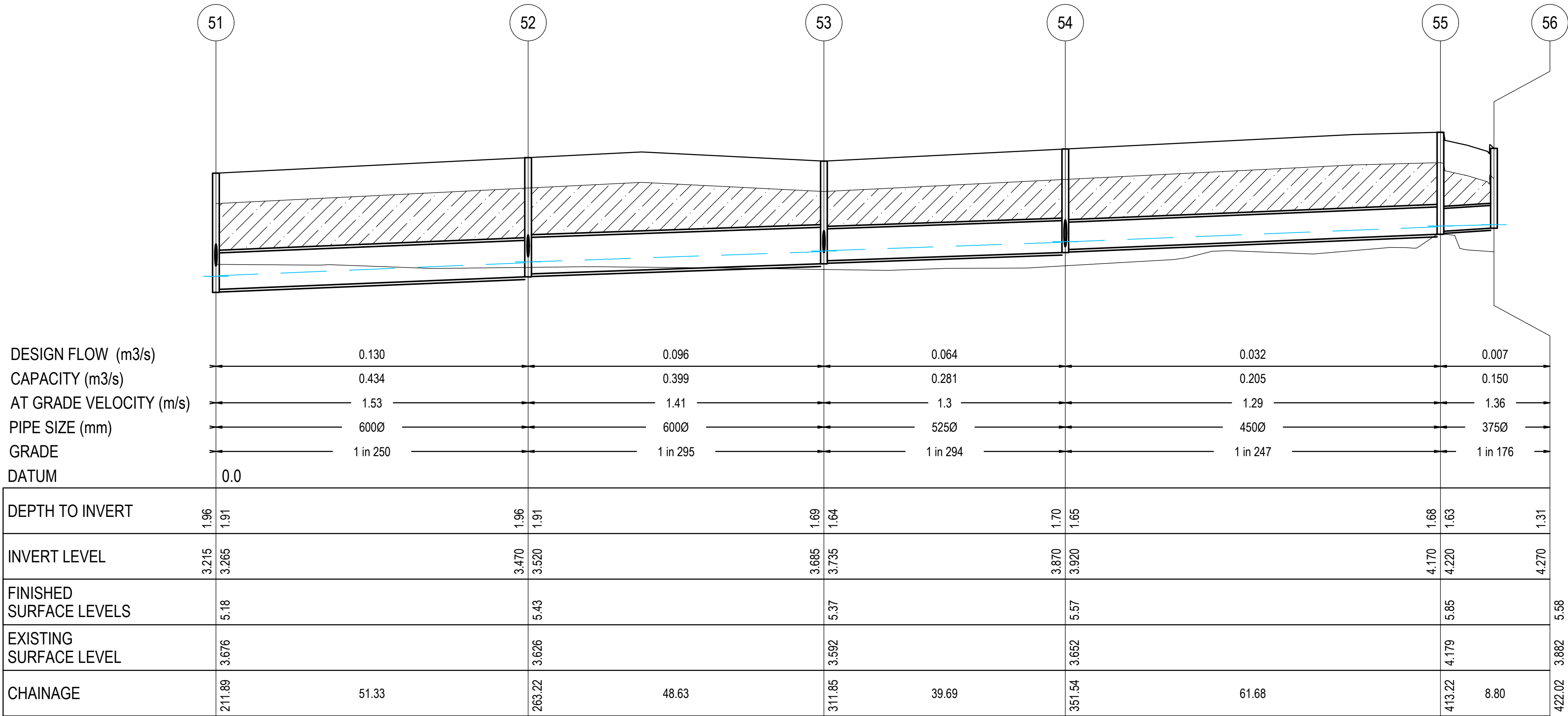
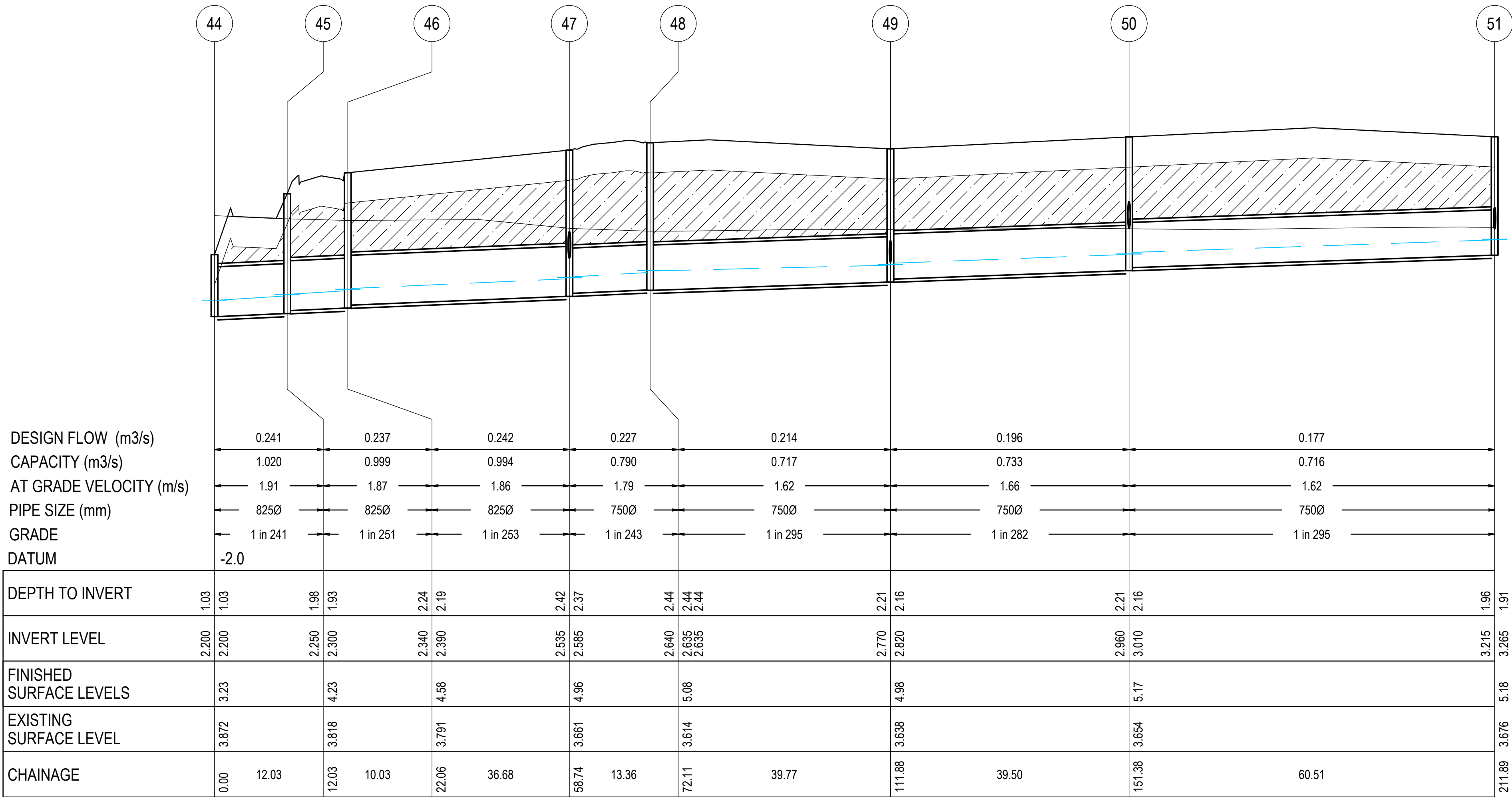
Job Drawing Revision
E10323.00 CP04 E
Sheet: 4 of 6
Scale: AS SHOWN @ A1 Municipality: CARDINIA Melway Ref. 300 C8



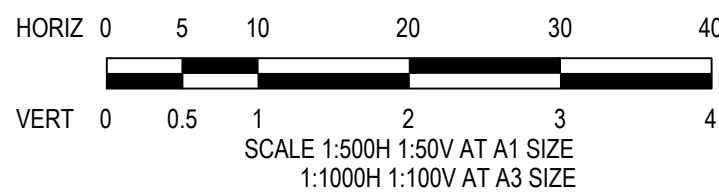
Planners Building Designers
Surveyors Engineers
Suite 1, Building 2
3 Ordish Road
Dandenong South 3175
Telephone 03 9794 1600
manager@klms.com.au

DRAINAGE LONGITUDINAL SECTIONS





DRAINAGE LONGITUDINAL SECTIONS



This plan (or the data transmitted herewith) has been prepared to facilitate the construction and should not be used for any other purpose. KLM Spatial accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-Out dimensions of all design lines, grid lines, control lines, recovery marks and bench marks should be verified and confirmed against the latest information at construction. KLM Spatial is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work. This note is an integral part of this plan/data. Reproduction of this plan or any part of it without this note being included in full will render the information shown on such reproduction invalid and not suitable for use.

DISCLAIMER - KLM Spatial therefore disclaims any liability whatsoever and howsoever caused for loss or damage arising from a third party's misuse of the plan/data (whether inadvertent or not) caused by the failure to inform any such third party of the limitations which apply to the information contained in this plan/within the accompanying data.

enviro
DEVELOPMENT™
PROFESSIONAL



NOTE:
WHERE CRUSHED ROCK BACKFILL IS SPECIFIED, IT SHALL BE AS FOLLOWS:
UNDER ROAD PAVEMENT - CLASS 2
UNDER FOOTPATHS & DRIVEWAYS - CLASS 3
ELSEWHERE (> 450Ø) - CLASS 4

ONLY BACKFILL UNDER ROAD PAVEMENT ARE SHOWN ON DRAINAGE LONGITUDINAL SECTION. CONTRACTOR IS TO ENSURE BACKFILL BEHIND BACK OF KERB, UNDER CONCRETE FOOTPATHS, DRIVEWAYS AND PIPES GREATER THAN 600mm LOCATED PARALLEL BEHIND / UNDER THE KERB TO BE PROVIDED AS REQUIRED.

ALL TRENCHES & BACKFILL MATERIAL TO BE COMPACTED TO MINIMUM STANDARD DENSITY OF 95% IN ACCORDANCE TO COUNCIL'S SPECIFICATIONS.

E	UPDATED FINISHED SURFACE	B.C	B.B	W.A	24/07/26
D	ROAD 3 DRAINAGE LONG SECTIONS ADDED	B.C	B.B	W.A	22/12/25
C	SHEET NUMBER UPDATED	E.S	B.B	W.A	10/04/25
B	PRELIMINARY ISSUE	E.S	B.B	W.A	15/08/24
A	PRELIMINARY ISSUE	S.Y	S.Y	S.Y	13/12/21

Rev Reason Drawn Des. Chk. Date

REGISTERED ENGINEER NAME
PE REG. No.
RYAN FLACK
PE0007691
I HEREBY CERTIFY THESE PLANS

PRELIMINARY

CLIENT:
ROSSITER ROAD INVESTMENTS PTY LTD

PROJECT:
145 ROSSITER ROAD, KOO WEE RUP

DRAINAGE LONGSECTIONS
SHEET 2 OF 2

Job Drawing Revision

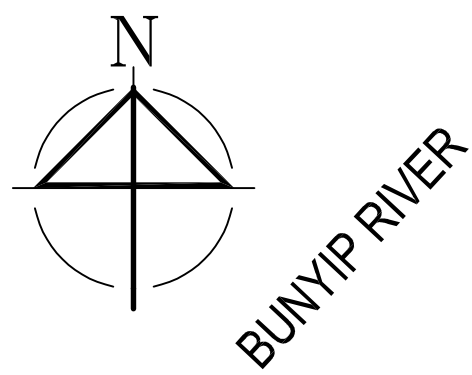
E10323.00 CP05 E

Sheet: 5 of 6

Scale: AS SHOWN @ A1 Municipality: CARDINIA Melway Ref. 300 C8

KLM SPATIAL
LAND DEVELOPMENT INTELLIGENCE

Planners Building Designers
Surveyors Engineers
Suite 1, Building 2
3 Ordish Road
Dandenong South 3175
Telephone 03 9794 1600
manager@klms.com.au



LEGEND

Cut	Fill	Colour	Lower_value	Upper_value	Colour
-2.00	to	-1.00	1		
-1.00	to	-0.30	1		
-0.30	to	-0.15	1		
-0.15	to	0.00	1		
0.000	to	0.5	1		
0.5	to	1	1		
1	to	1.5	1		
1.5	to	2.0	1		
2.0	to	2.5	1		
2.5	to	3	1		
3.0	to	3.5	1		
3.5	to	4.0	1		
4.0	to	4.5	1		



EARTHWORKS VOLUMES

Depth	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental
1	2	Cut	Fill	Cut	Fill	Balance
-3.000	-2.000	-4153.251	0.000	-4153.251	0.000	-4153.251
-2.000	-1.000	-7173.174	0.000	-11326.425	0.000	-11326.425
-1.000	-0.300	-6949.671	0.000	-18276.096	0.000	-18276.096
-0.300	-0.150	-2492.782	0.000	-20768.878	0.000	-20768.878
-0.000	0.010	0.000	1858.701	-20768.878	1858.701	-18910.177
-0.150	-0.000	-3277.340	0.000	-24046.218	1858.701	-22187.517
0.010	0.500	0.000	86759.254	-24046.218	88617.955	64571.737
0.500	1.000	0.000	83909.353	-24046.218	172527.307	148481.089
1.000	1.500	0.000	68031.410	-24046.218	240558.717	216512.499
1.500	2.000	0.000	29505.937	-24046.218	270064.654	246018.436
2.000	2.500	0.000	4803.281	-24046.218	274867.935	250821.717
2.500	3.000	0.000	596.041	-24046.218	275463.976	251417.758
3.000	3.500	0.000	113.823	-24046.218	275577.799	251531.581
3.500	4.000	0.000	0.179	-24046.218	275577.977	251531.759
4.000	4.500	0.000	0.000	-24046.218	275577.977	251531.759

NOTE: Totals are for the above depth ranges only

Total cut	-24046.218
Total fill	275577.977
Total balance	251531.759
ie excess of fill over cut	251531.759

EARTHWORKS PLAN



E	UPDATED FINISHED SURFACE	B.C	B.B	W.A	24/07/26
D	UPDATED FS LEVELS	B.C	B.B	W.A	22/12/25
C	REVISED EARTHWORKS	E.S	B.B	W.A	10/04/25
B	PRELIMINARY ISSUE	E.S	B.B	W.A	15/08/24
A	PRELIMINARY ISSUE	S.Y	S.Y	S.Y	13/12/21
Rev	Reason	Drawn	Des.	Chk.	Date
	REGISTERED ENGINEER NAME				PE, REG. No.
	RYAN FLACK				PE0007691
	I HEREBY CERTIFY THESE PLANS				

PRELIMINARY

CLIENT:
ROSSITER ROAD INVESTMENTS PTY LTD
PROJECT:
145 ROSSITER ROAD, KOO WEE RUP
EARTHWORKS PLAN

Job	Drawing	Revision
E10323.00	CP06	E
Sheet: 6 of 6		
Scale: AS SHOWN @ A1	Municipality: CARDINIA	Melway Ref. 300 C8



Planners Building Designers
Surveyors Engineers
Suite 1, Building 2
3 Ordish Road
Dandenong South 3175
Telephone 03 9794 1600
manager@klms.com.au