

<p>IMPORTANT NOTES:</p> <p>Do not scale from drawings. All dimensions to be checked on site before commencement of work. All discrepancies to be brought to the attention of the Architect. Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, and must not be retained, copied or used without the express authority of MARCHESE + PARTNERS INTERNATIONAL PTY. LTD.</p> <p>FOR APPROVAL</p>	REVISION	DATE	DESCRIPTION	BY
	A	2017.12.13	ISSUED FOR COORDINATION	TF, LP
	C	2017.12.20	ISSUE FOR DEVELOPMENT APPLICATION	TF, LP
	H	2018.09.10	DEVELOPMENT APPLICATION ISSUE	TF, LP
	J	2018.09.20	DEVELOPMENT APPLICATION ISSUE	TF, LP
	K	2018.09.27	DEVELOPMENT APPLICATION ISSUE	TF, LP
	L	2018.11.01	DEVELOPMENT APPLICATION ISSUE	TF, LP
	M	2018.11.28	DEVELOPMENT APPLICATION ISSUE	TF, LP
	N	2019.02.21	DEVELOPMENT APPLICATION ISSUE	TF, LP
	P	2019.03.08	ISSUE FOR CLIENT REVIEW	TF, LP
Q	2019.04.03	DEVELOPMENT APPLICATION ISSUE	TF, LP	
<div><div><div><div>marchese</div><div>partners</div><div>engineering</div></div><div><div>Marchese Partners Engineering Pty Ltd</div><div>Level 1, 53 Walker Street, North Sydney, NSW 2060, Australia</div><div>P +61 2 9922 4375 F +61 2 9929 5786 E info@marchesepartners.com.au</div><div>www.marchesepartners.com.au</div><div>Sydney · Brisbane · Canberra · Melbourne · Adelaide · Perth</div><div>Kuala Lumpur · Auckland</div><div>ABN 32 604 104 378</div></div></div></div>				
<div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><d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Infrastructure annotated drawings
Revision #2 (2 of 3)

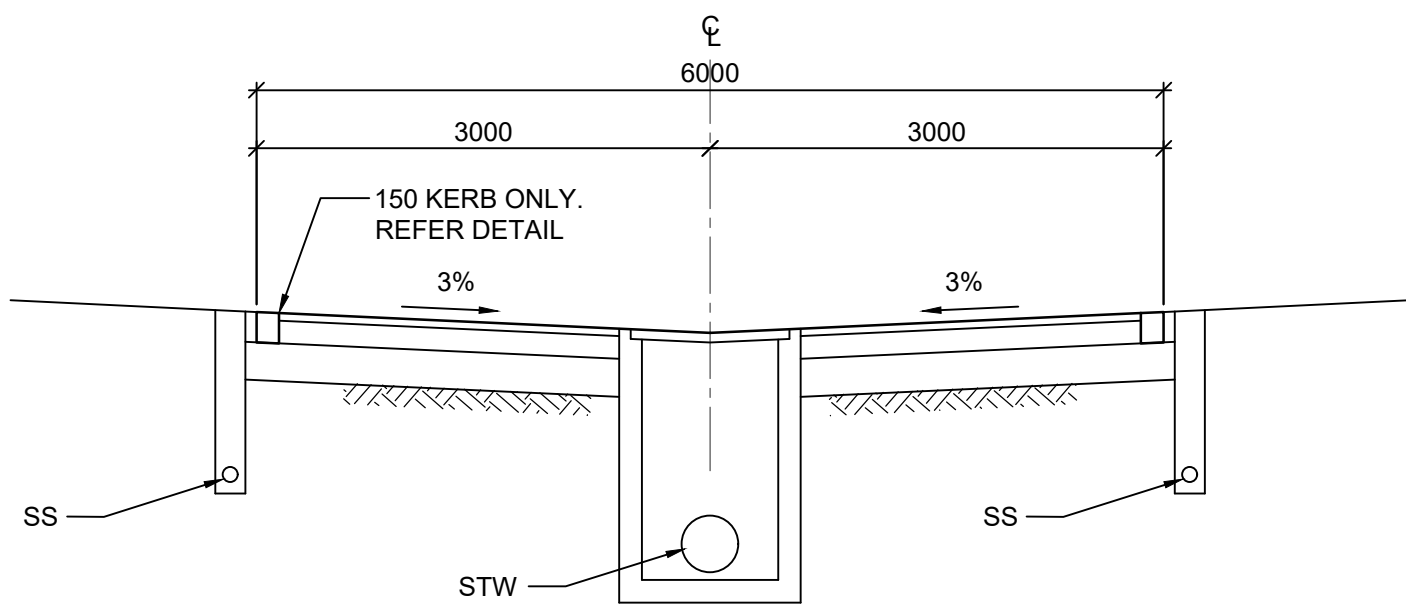
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INTERNAL ACCESS ROADS:

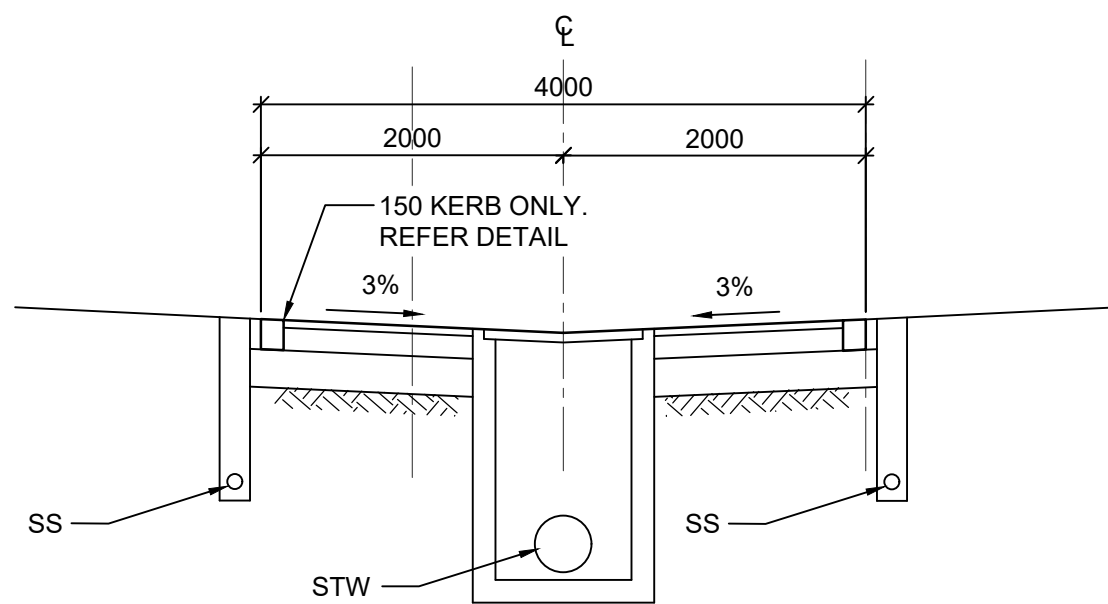
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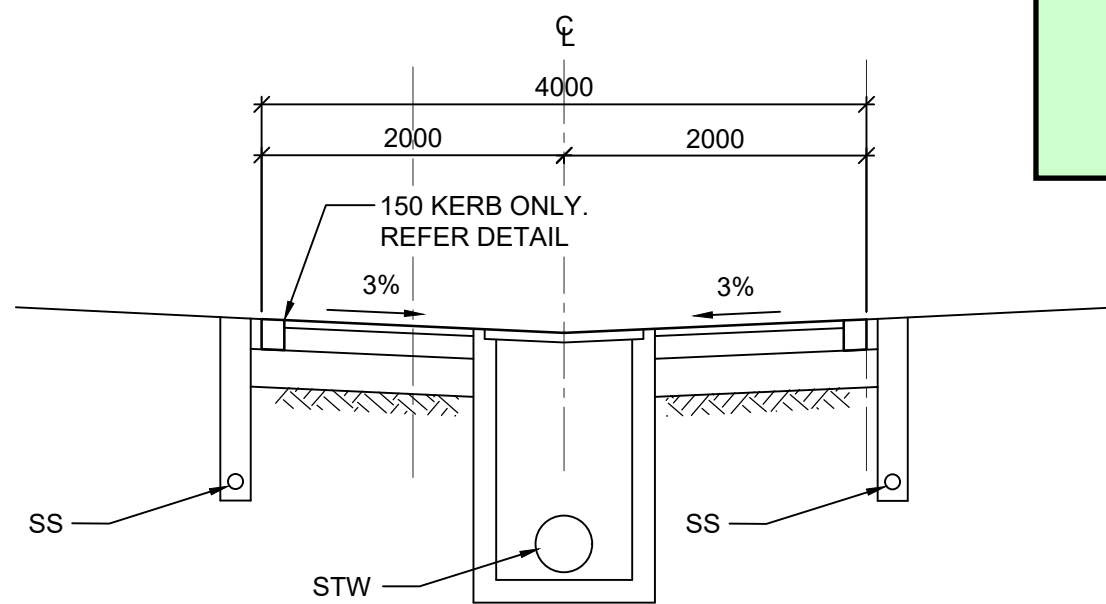
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SCALE: 1:50

4
102



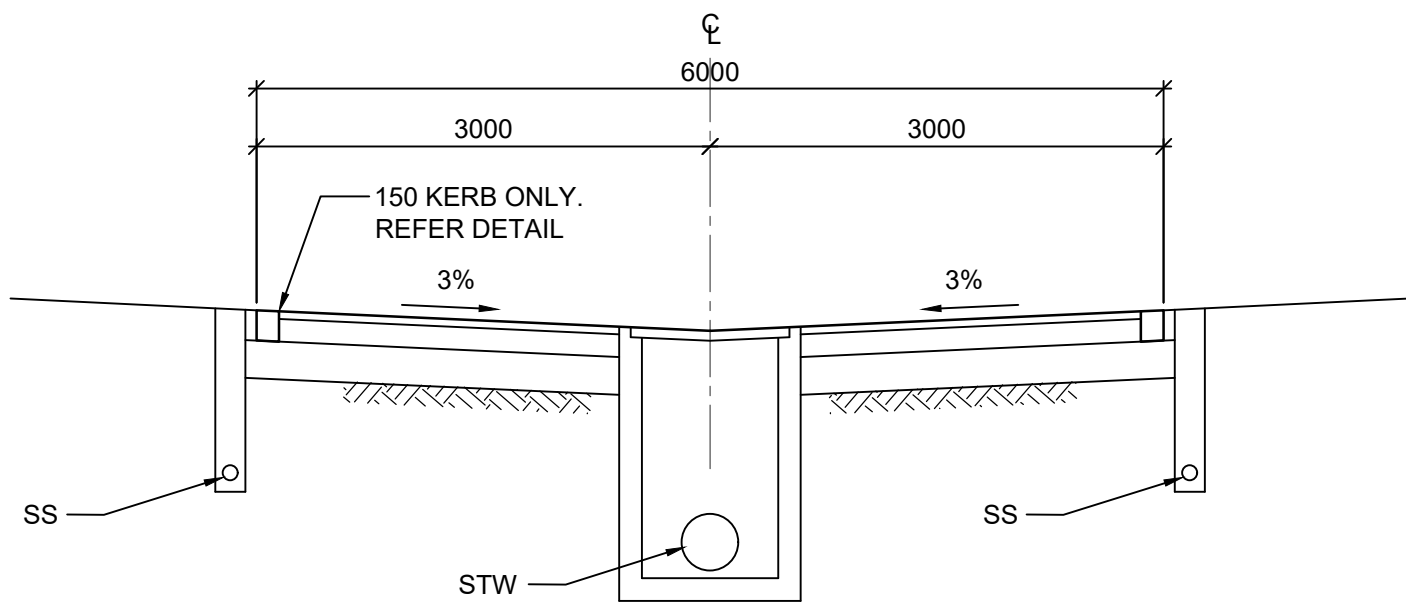
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8
102



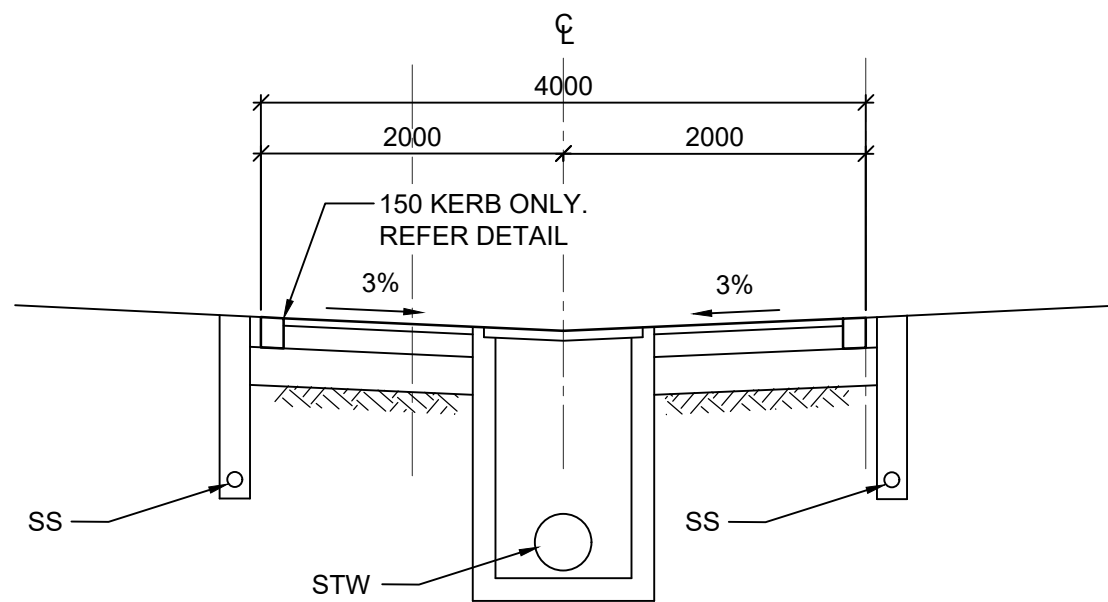
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12
103



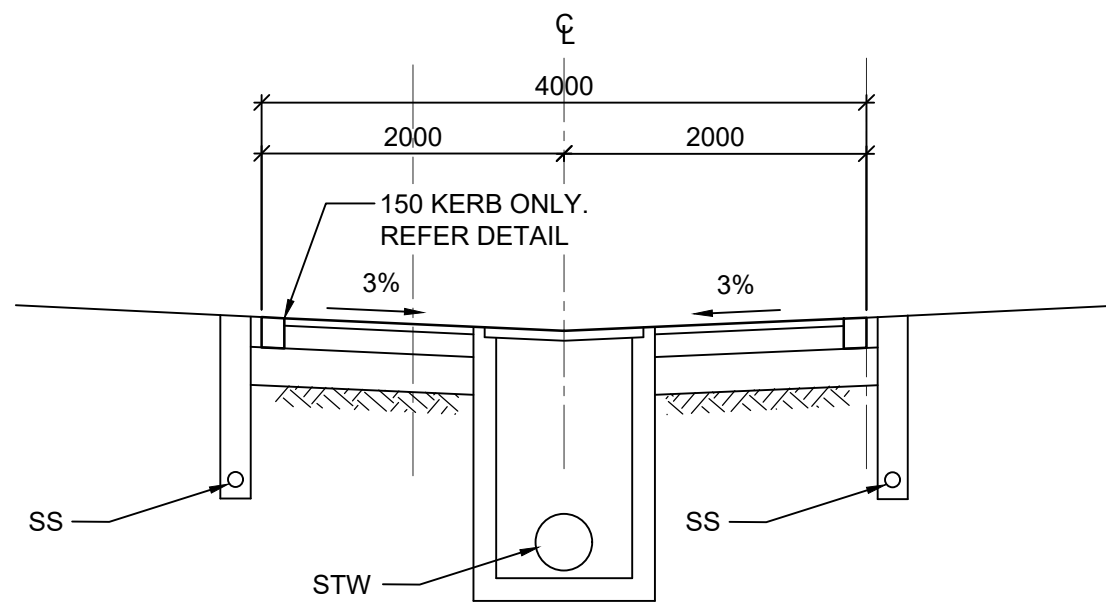
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3
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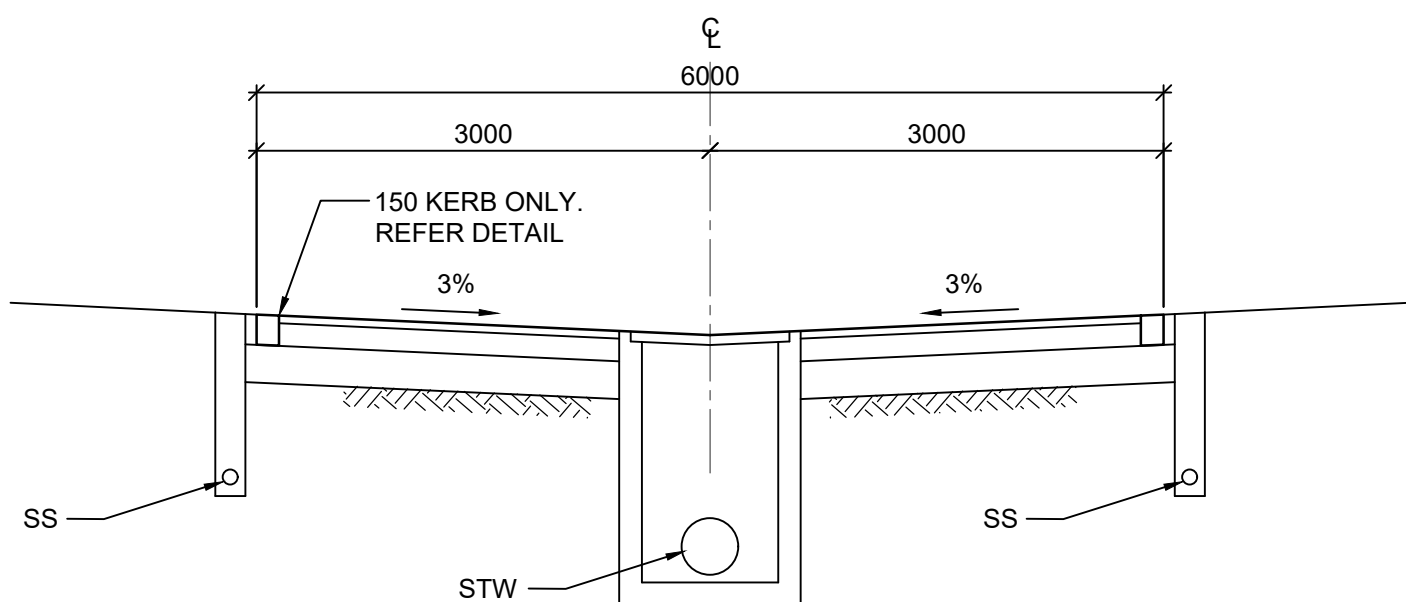
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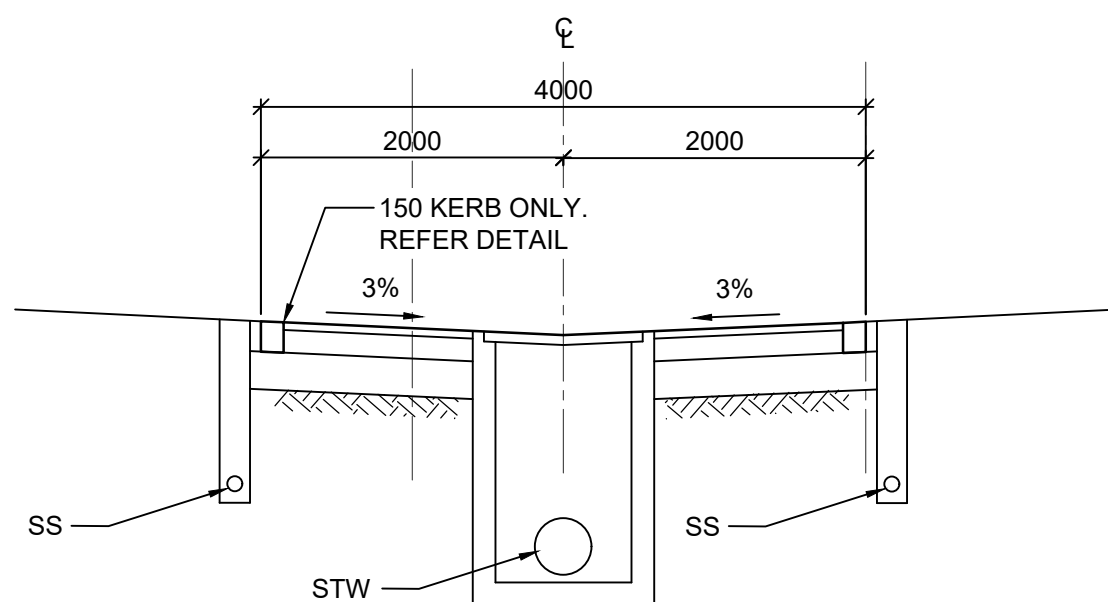
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11
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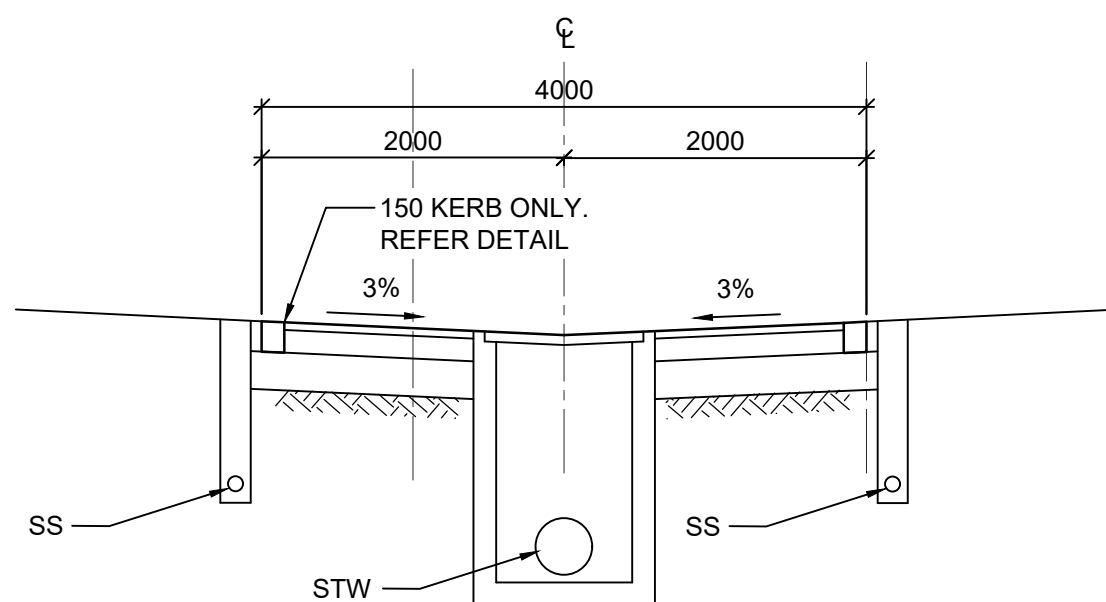
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2
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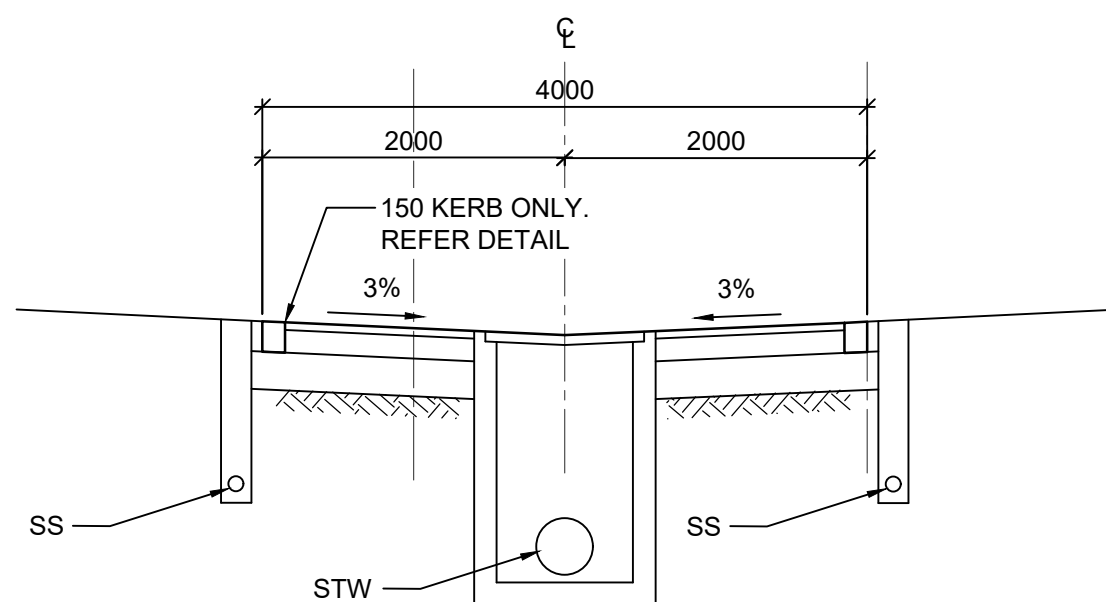
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6
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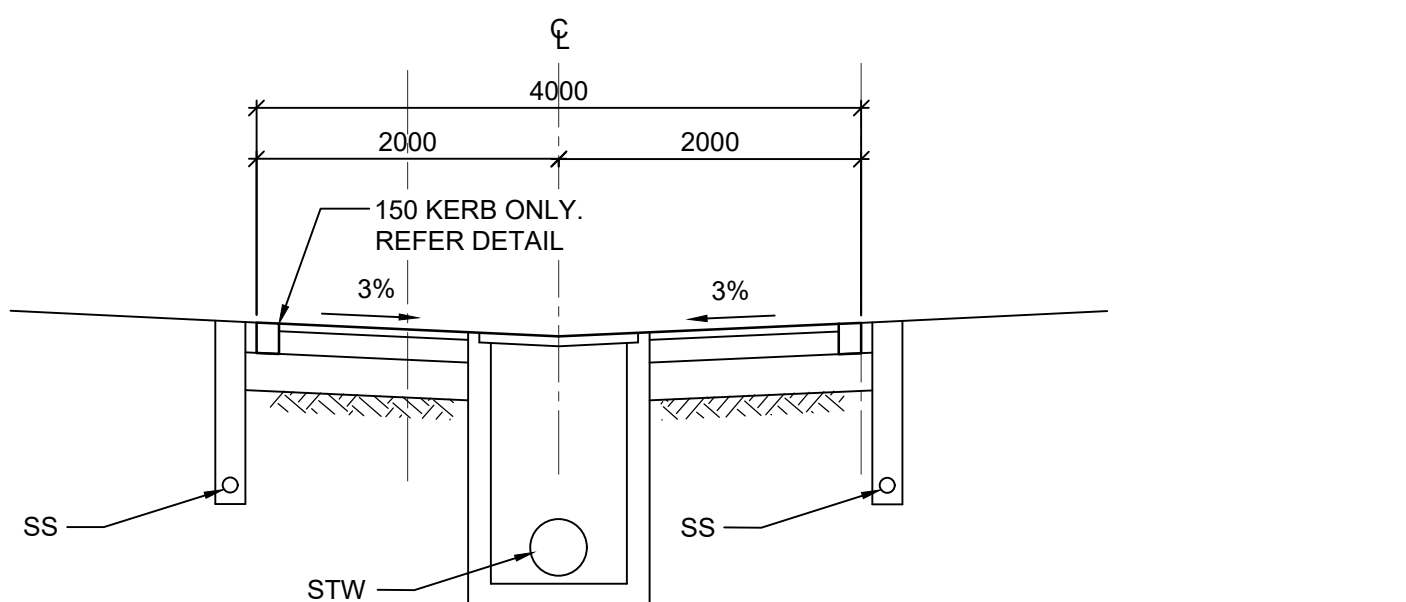
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10
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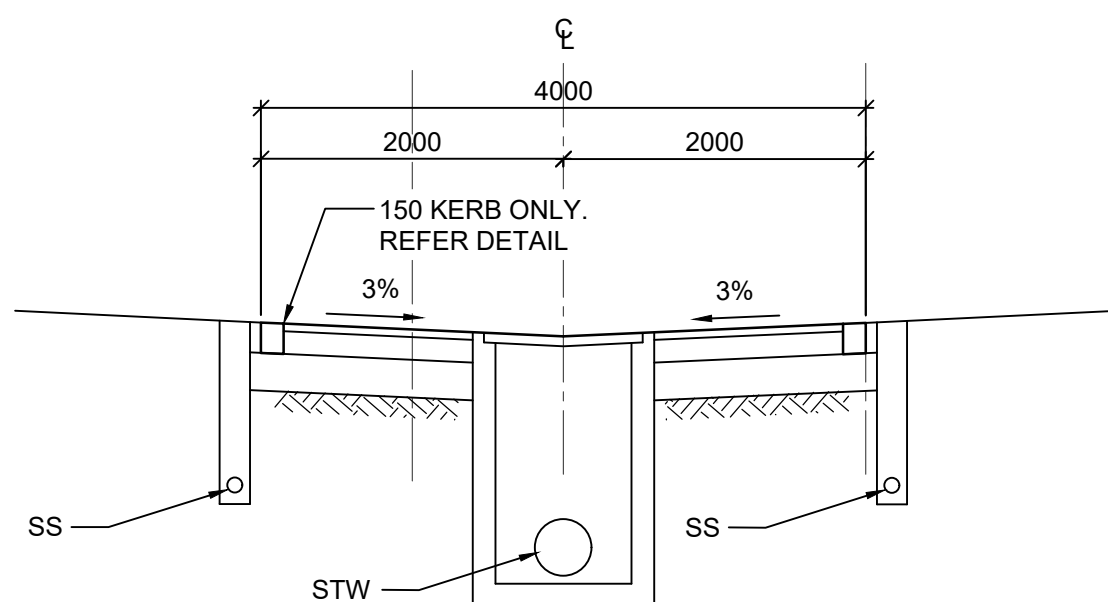
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SCALE: 1:50

14
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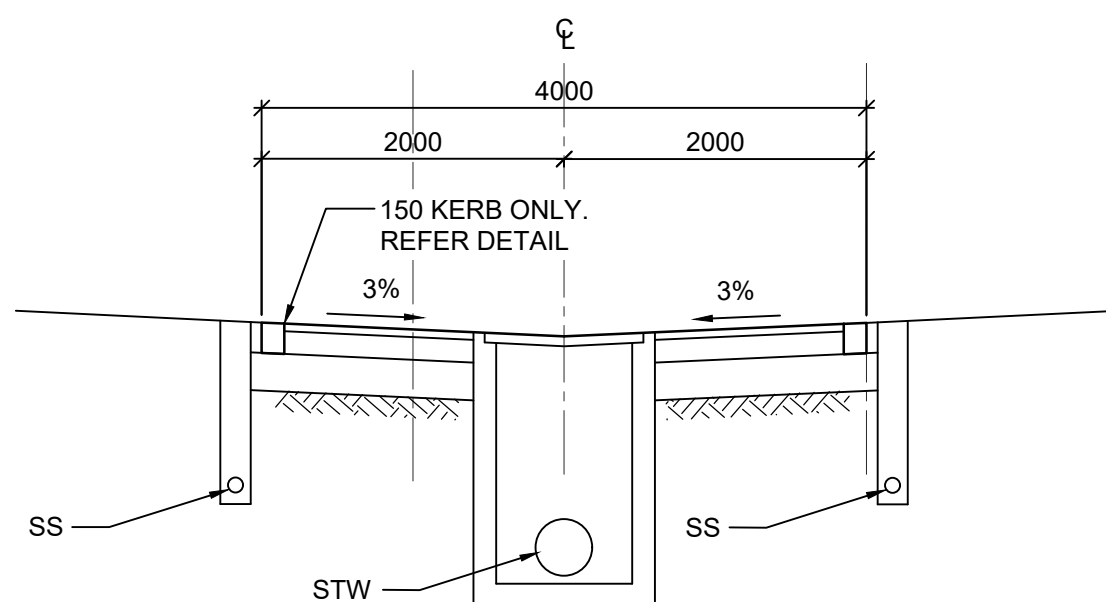
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1
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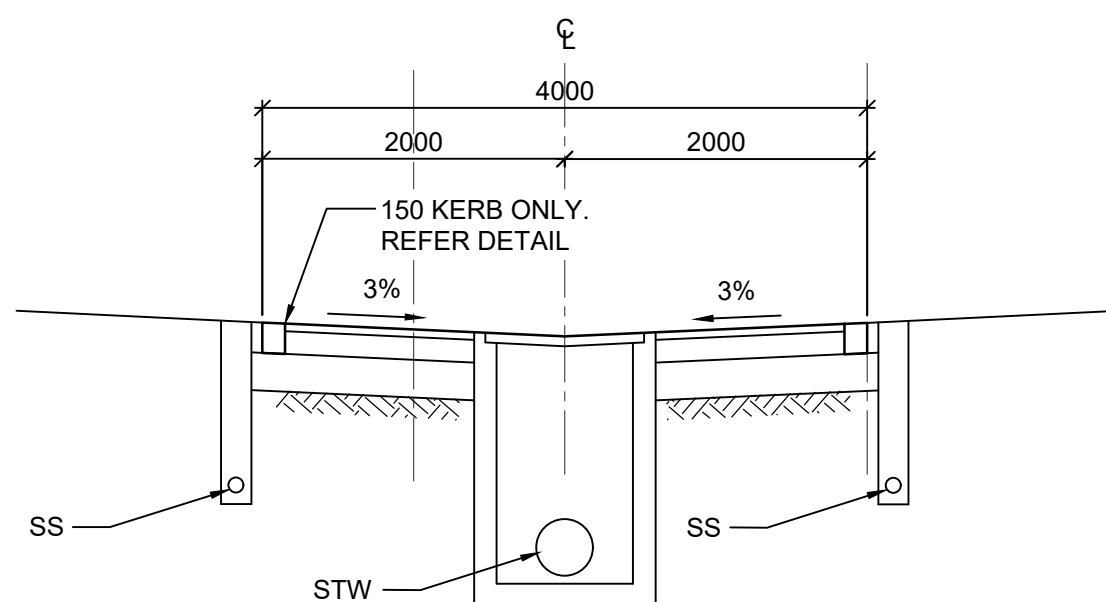
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SCALE: 1:50

5
101



TYPICAL SECTION
ACCESS ROAD 5 (4m WIDE)
SCALE: 1:50

9
101



TYPICAL SECTION
ACCESS ROAD 9 (4m WIDE)
SCALE: 1:50

13
103

IMPORTANT NOTES:
Do not scale from drawings. All dimensions to be checked on site before commencement of work. All discrepancies to be brought to the attention of the Architect. Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, and must not be retained, copied or used without the express authority of MARCHESE + PARTNERS INTERNATIONAL PTY. LTD.

FOR APPROVAL

REVISION	DATE	DESCRIPTION	BY
A	2019.04.17	DEVELOPMENT APPLICATION ISSUE	TF, LP

marchesepartners
engineering

Marchese Partners Engineering Pty Ltd
Level 1, 53 Walker Street, North Sydney, NSW 2060, Australia
P +61 2 9922 4375 F +61 2 9929 5786 E info@marchesepartners.com.au
www.marchesepartners.com.au
Sydney · Brisbane · Canberra · Melbourne · Adelaide · Perth
Kuala Lumpur · Auckland
ABN 32 604 104 378

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1:50

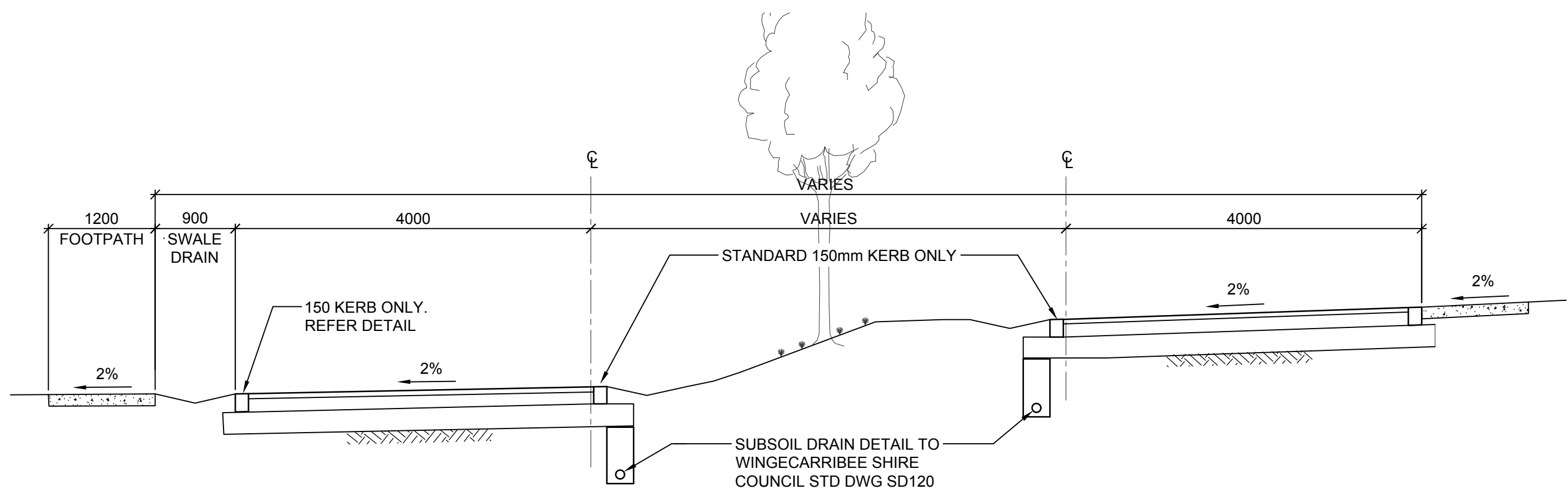
CLIENT
Waterbrook
43 Bridge St, Hurstville NSW 2220
P +61 2 9199 8775

PROJECT
2-18 Centennial Road, Bowral, 2576

DRAWING TITLE
CIVIL WORKS
TYPICAL ROAD CROSS SECTIONS

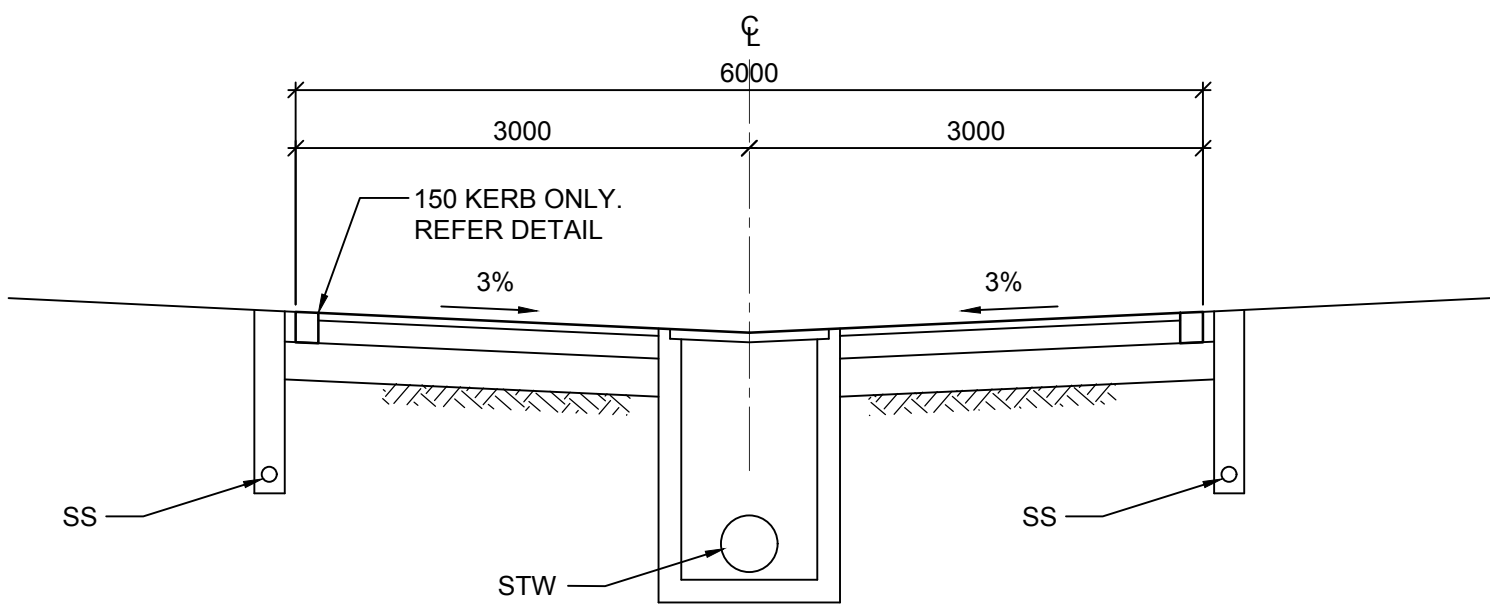
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JOB	DRAWING	REVISION	
16104	DA-C-151	A	

Infrastructure annotated drawings
Revision #2 (3 of 3)



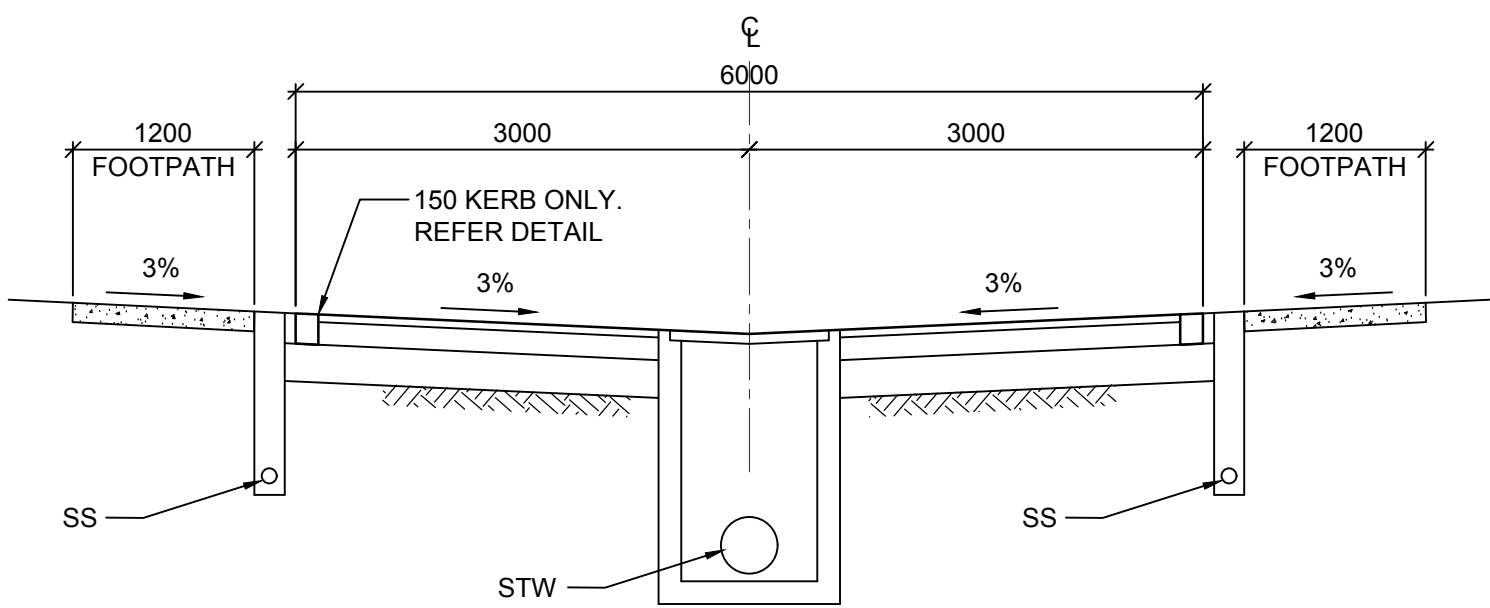
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ENTRY ROAD (2 x 4.5m WIDE)
SCALE: 1:50

3
102



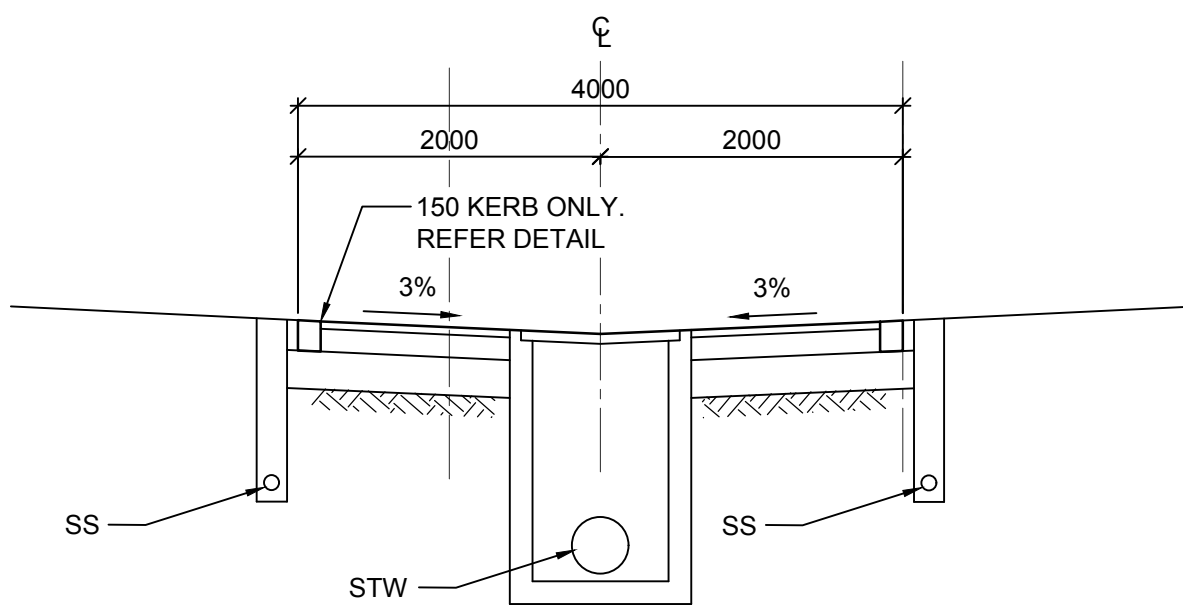
TYPICAL SECTION
INTERNAL ROAD (6m WIDE)
SCALE: 1:50

2
101



TYPICAL SECTION
INTERNAL ROAD WITH FOOTPATH (6m WIDE)
SCALE: 1:50

2
101



TYPICAL SECTION
ACCESS ROAD (4m WIDE)
SCALE: 1:50

LEGEND:

INTERNAL MAJOR ROAD:

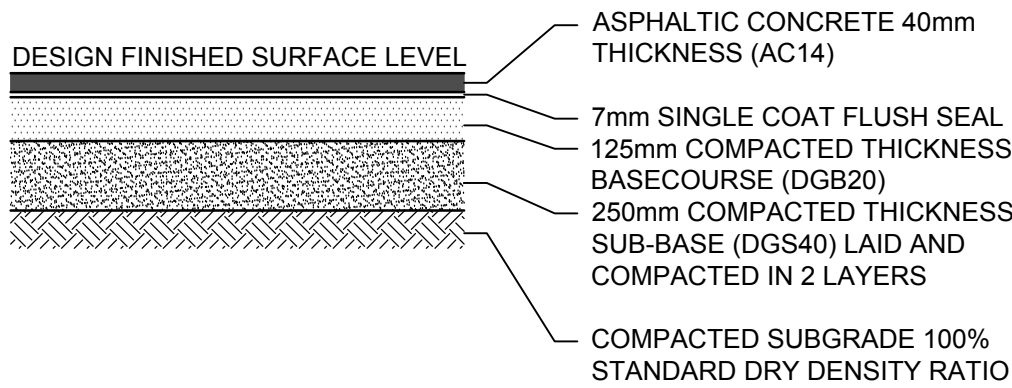
INTERNAL ACCESS ROADS:

DWELLING DRIVEWAYS:

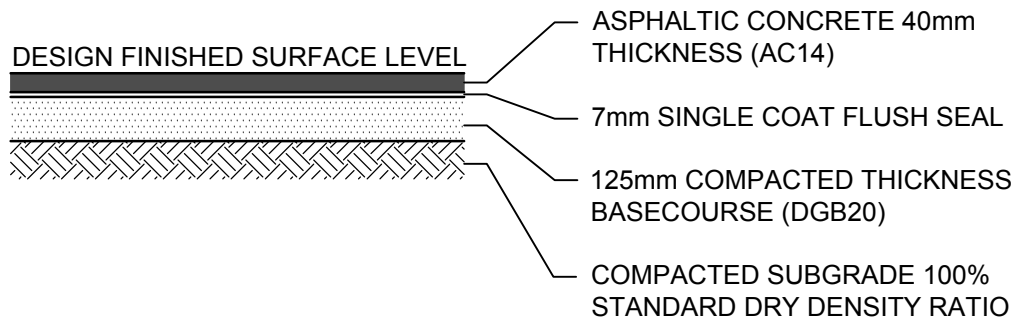
PUBLIC DOMAIN WORKS:

PAVEMENT LEGEND

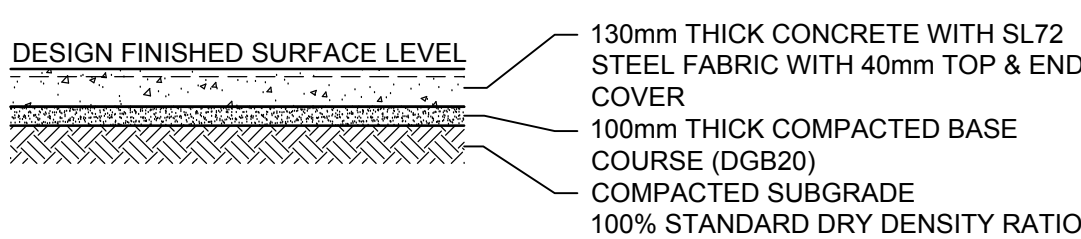
PAVEMENT TYPE - INTERNAL ROADS
AC PAVEMENT



PAVEMENT TYPE - ACCESS ROADS
AC PAVEMENT

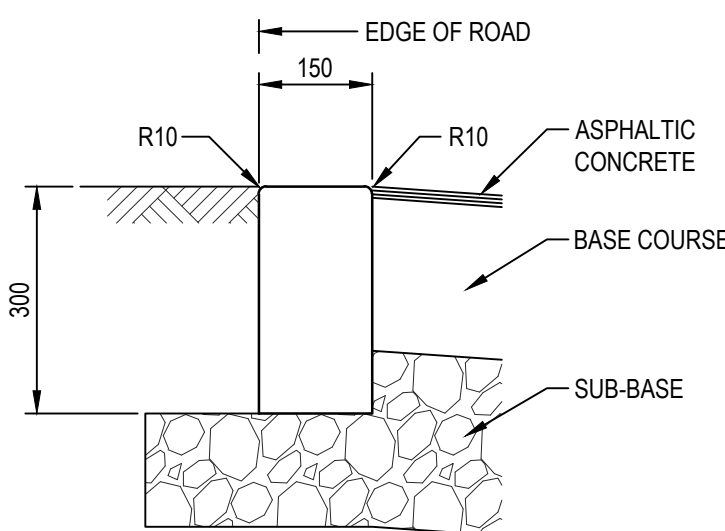


PAVEMENT TYPE - DRIVEWAYS
CONCRETE



NOTE

1. THIS PAVEMENT DESIGN IS SUBJECT TO FURTHER GEOTECHNICAL INVESTIGATION.



150 WIDE KERB ONLY
SCALE 1:10

IMPORTANT NOTES:
Do not scale from drawings. All dimensions to be checked on site before commencement of work. All discrepancies to be brought to the attention of the Architect. Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, and must not be retained, copied or used without the express authority of MARCHESE + PARTNERS INTERNATIONAL PTY. LTD.

FOR APPROVAL

REVISION	DATE	DESCRIPTION	BY
A	2017.12.13	ISSUED FOR COORDINATION	TF, LP
B	2017.12.14	ISSUED FOR COORDINATION	TF, LP
C	2017.12.20	ISSUE FOR DEVELOPMENT APPLICATION	TF, LP
D	2018.09.07	DEVELOPMENT APPLICATION ISSUED FOR COORDINATION	TF, LP
H	2018.09.10	DEVELOPMENT APPLICATION ISSUE	TF, LP
J	2018.09.20	DEVELOPMENT APPLICATION ISSUE	TF, LP
K	2018.09.27	DEVELOPMENT APPLICATION ISSUE	TF, LP
L	2018.11.01	DEVELOPMENT APPLICATION ISSUE	TF, LP
N	2018.12.13	DEVELOPMENT APPLICATION ISSUE	TF, LP
P	2019.03.08	ISSUE FOR CLIENT REVIEW	TF, LP

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0 1 2
1:50

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PROJECT
2-18 Centennial Road, Bowral, 2576

DRAWING TITLE
CIVIL WORKS
TYPICAL ROAD CROSS SECTIONS

SCALE	DATE	DRAWN	CHECKED
1:50@A1	2017.12.14	TF	LP
JOB	DRAWING	REVISION	
16104	DA-C-130	P	