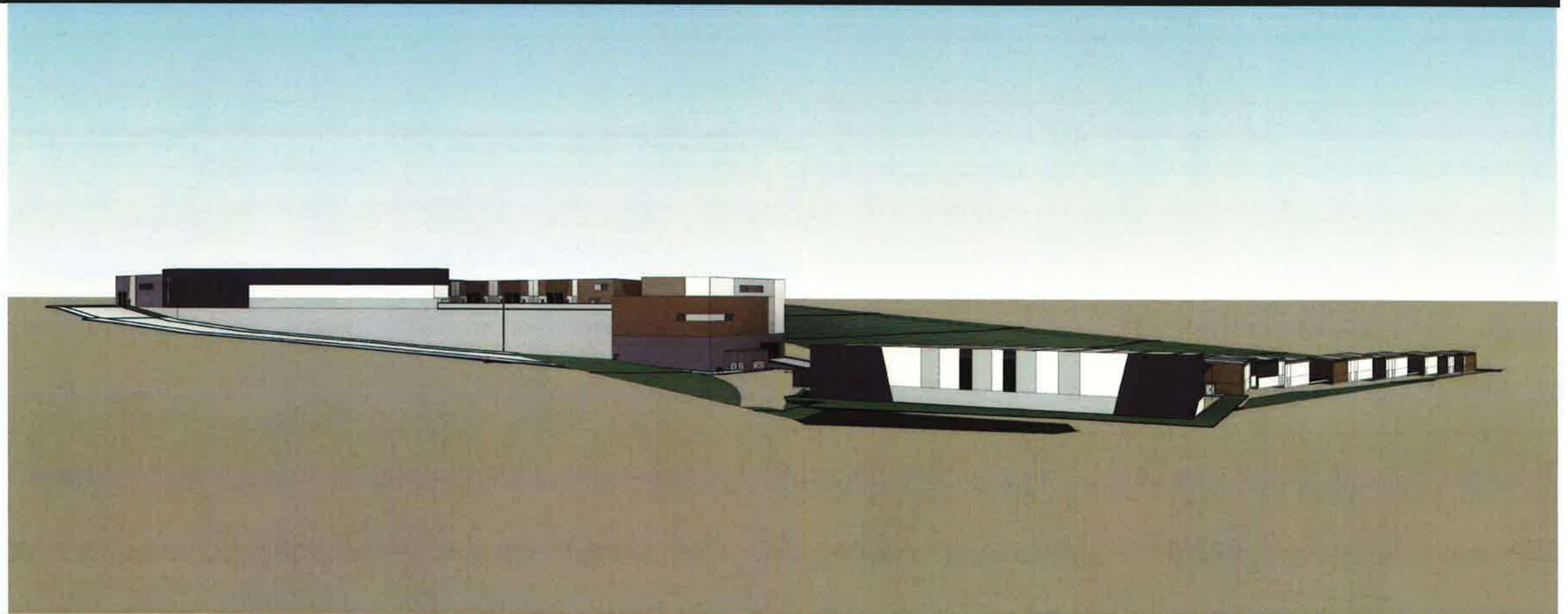


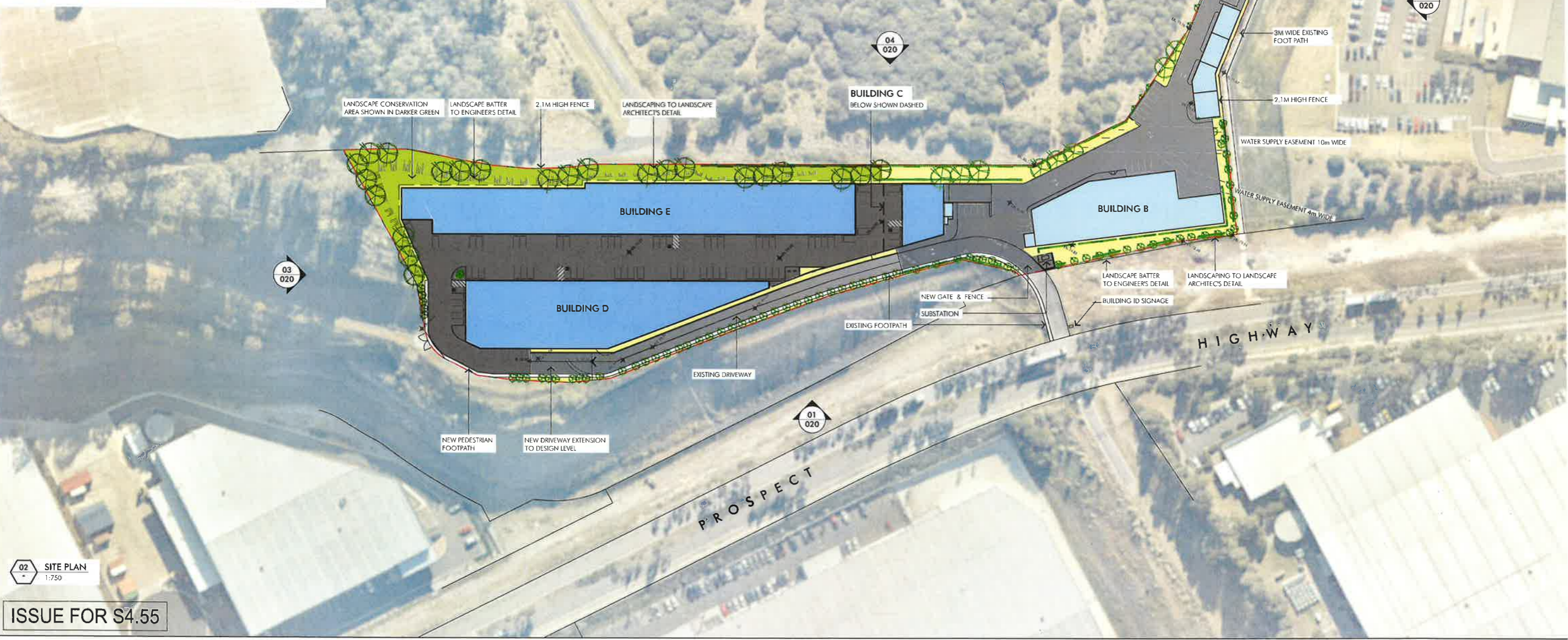
DRAWING LIST

<u>GENERAL</u> 10676_DA-000	COVER SHEET
<u>FLOOR PLANS</u> 10676_DA-010 10676_DA-011 10676_DA-012 10676_DA-015	LOCATION PLAN/ SITE PLAN LOWER GROUND FLOOR PLAN UPPER GROUND FLOOR PLAN ROOF PLAN
<u>ELEVATIONS</u> 10676_DA-020 10676_DA-021 10676_DA-022 10676_DA-023 10676_DA-024 10676_DA-025 10676_DA-026 10676_DA-027 10676_DA-028	SITE ELEVATIONS ELEVATIONS - SHEET 1 ELEVATIONS - SHEET 2 ELEVATIONS - SHEET 3 ELEVATIONS - SHEET 4 ELEVATIONS - SHEET 5 ELEVATIONS - SHEET 6 ELEVATIONS - SHEET 7 ELEVATIONS - SHEET 8
<u>SECTIONS</u> 10676_DA-031	SECTIONS
<u>PERSPECTIVES</u> 10676_DA-050	PERSPECTIVES





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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
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 Sheet No. 1 of 33



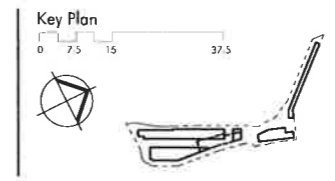
02 SITE PLAN
1:750

ISSUE FOR S4.55

No.	Description	Date
A	DRAFT ISSUE FOR REVIEW	20/11/18
B	ISSUE FOR DA	26/02/19
C	BLUE FOR DA	09/02/19
D	AMENDED DA	15/04/19
E	AMENDED DA - LANDSCAPE SHOWN	22/05/19
F	DRAW - PROUD FOR PLANNING NOTIFICATION	21/03/19
G	REVISED FOR PLANNING NOTIFICATION	26/03/19
H	DRAW FOR S4.55	17/05/19
I	ISSUE FOR S4.55	28/05/19
K	BLUE FOR S4.55	25/08/19

Builder or other subcontractors shall verify all aspect dimensions before commencing on site work or other subcontract. Signed dimensions shall take precedence over scaled dimensions. This drawing is copyright and cannot be reproduced in whole or in part or by any means, without the written permission of Nettleton Tribe Partnership Pty Ltd.

Project Name
Bluestone Industrial Estate
 Project Address
Lot 37 Prospect Highway, Greystanes NSW



Drawing Title
Location Plan/ Site Plan
 Floor Plan
 Author: JJ SKL
 Scale: 1:750 @ A1
 1:1500 @ A3
 Drawing Number:
10676_DA-010

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 nettleton tribe partnership pty ltd ABN 58 161 683 122
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 e: sydney@nettletontribe.com.au w: nettletontribe.com.au

area schedule

landlake area							22,957 m ²
GBA	warehouse	office	misc.	no. unit	car space required	car space provided	
Building A	1,100 m ²		2 m ²	12	4	36	
Building B	1,404 m ²	166 m ²	23 m ²	1	10	10	
Building C	546 m ²	80 m ²	31 m ²	1	5	5	
Building D	2,379 m ²	345 m ²	3 m ²	11	17	24	
Building E	3,683 m ²	630 m ²	2 m ²	21	29	37	
total GBA	9,112 m²	1,221 m²	61 m²	46		10,394 m²	
car parking required:							65
car parking provided							112
fsr							0.45:1
landscape conservation area							1,920 m ²
Total landscape area							4,354 m²
bicycle parking required:							8
bicycle parking provided							16

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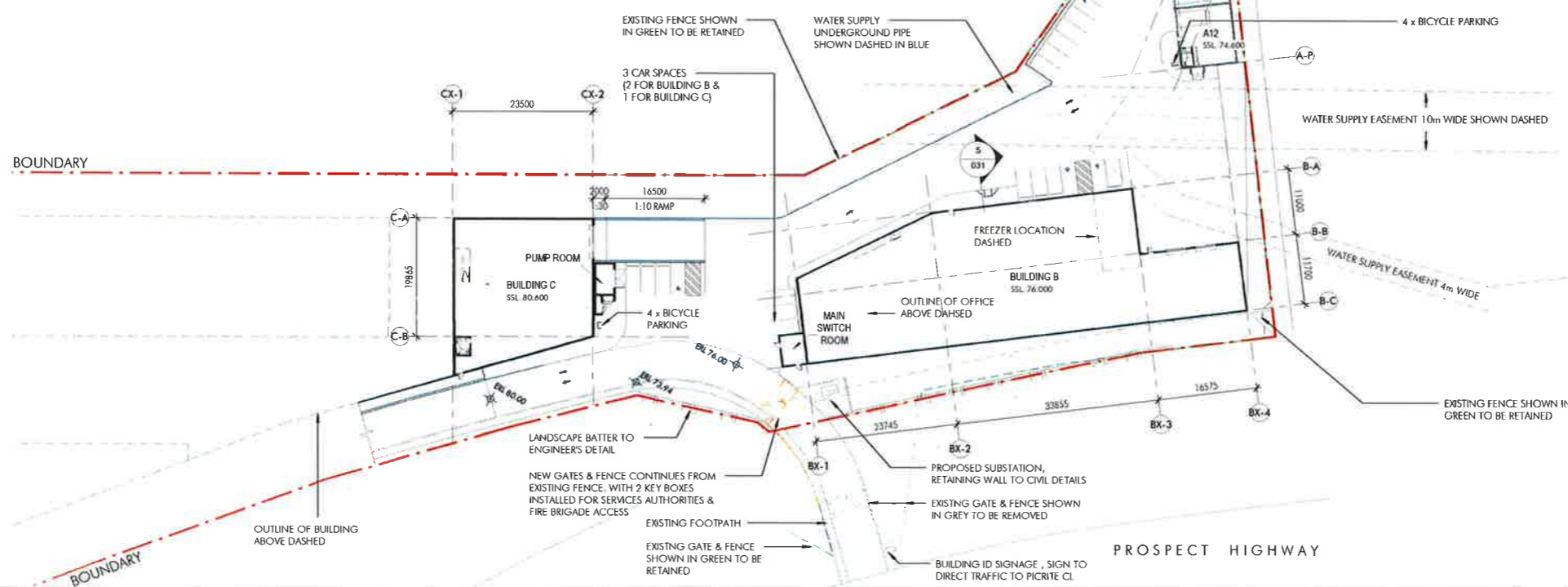
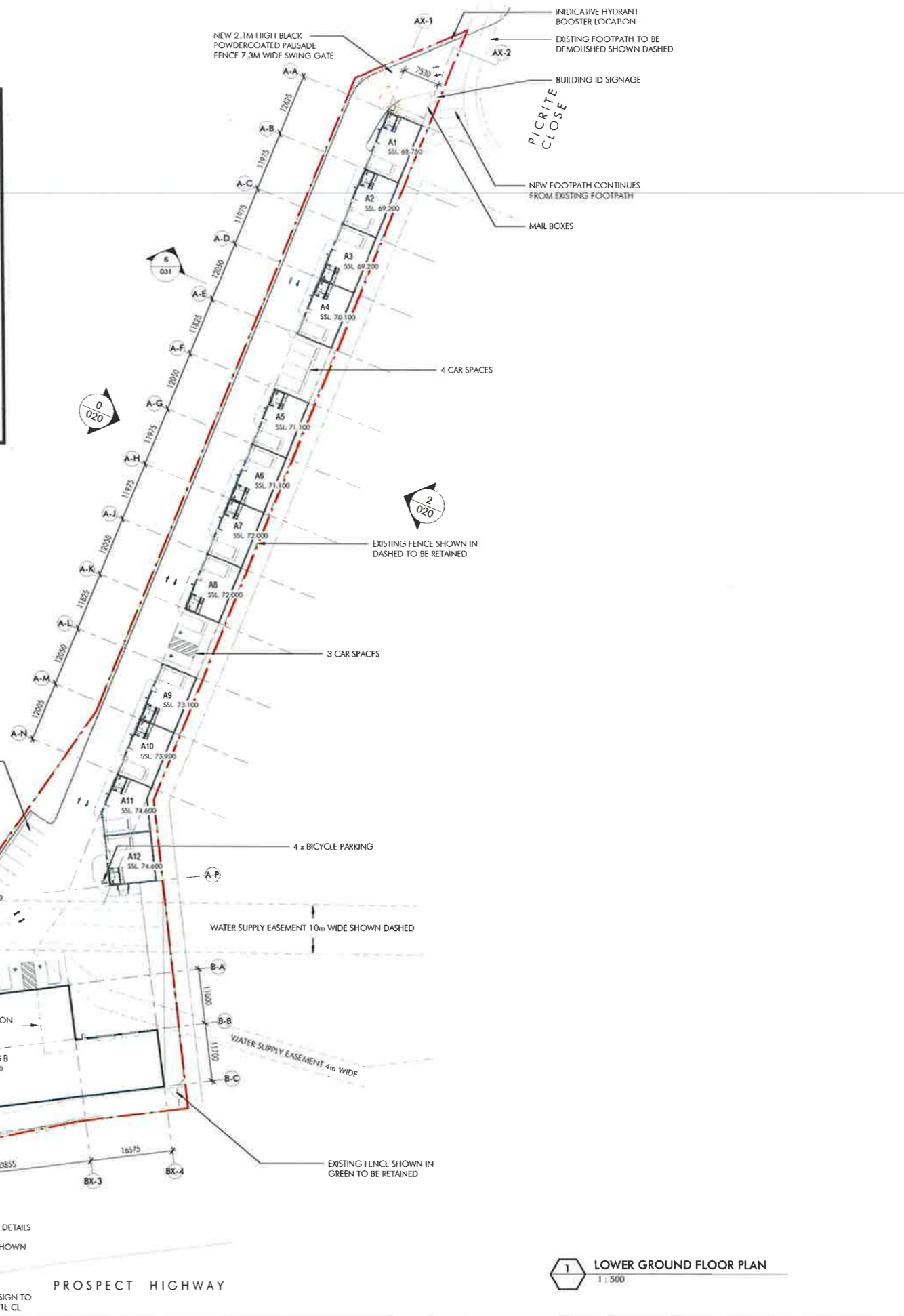
Approved Section 4.55 (1A) Modification Application

No. 9 granted on the 5/08/2019

in respect to SSD 6801

Signed JJ

Sheet No. 2 of 33



ISSUE FOR S4.55

LOWER GROUND FLOOR PLAN
1:500

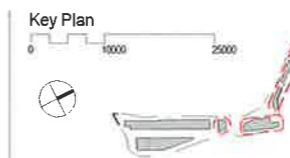
Date	Description	By
31.01.18	DRAFT ISSUE FOR REVIEW	SKL
03.02.18	ISSUE FOR DA	SKL
04.02.18	ISSUE FOR DA	SKL
15.04.18	AMENDED DA	SKL
05.05.18	AMENDED DA	SKL
25.05.18	AMENDED DA	SKL
01.06.18	DRAFT - REVISED FOR PLANNING MODIFICATION	SKL
17.06.18	DRAFT - REVISED FOR S4.55	SKL
28.06.18	ISSUE FOR S4.55	SKL
05.06.19	ISSUE FOR S4.55	SKL

Builder and/or subcontractors shall verify all project dimensions before commencing site work and shall be liable for any errors. This drawing is copyright and shall be returned to the author if not used in accordance with the written permission of NettletonTribe Partnership Pty Ltd.



Project Name
Bluestone Industrial Estate

Project Address
20 Picrite Close, Pemulwuy NSW 2145



Drawing Title
Lower Ground Floor Plan

Author: JJ, Checker: SKL, Sheet Size: A1, Total Sheets: 1:500

Drawing Number: **10676_011**, Level: **K**



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117 Willoughby Road, Crowe Nest, NSW 2085
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e: sydney@nettletontribe.com.au w: nettletontribe.com.au



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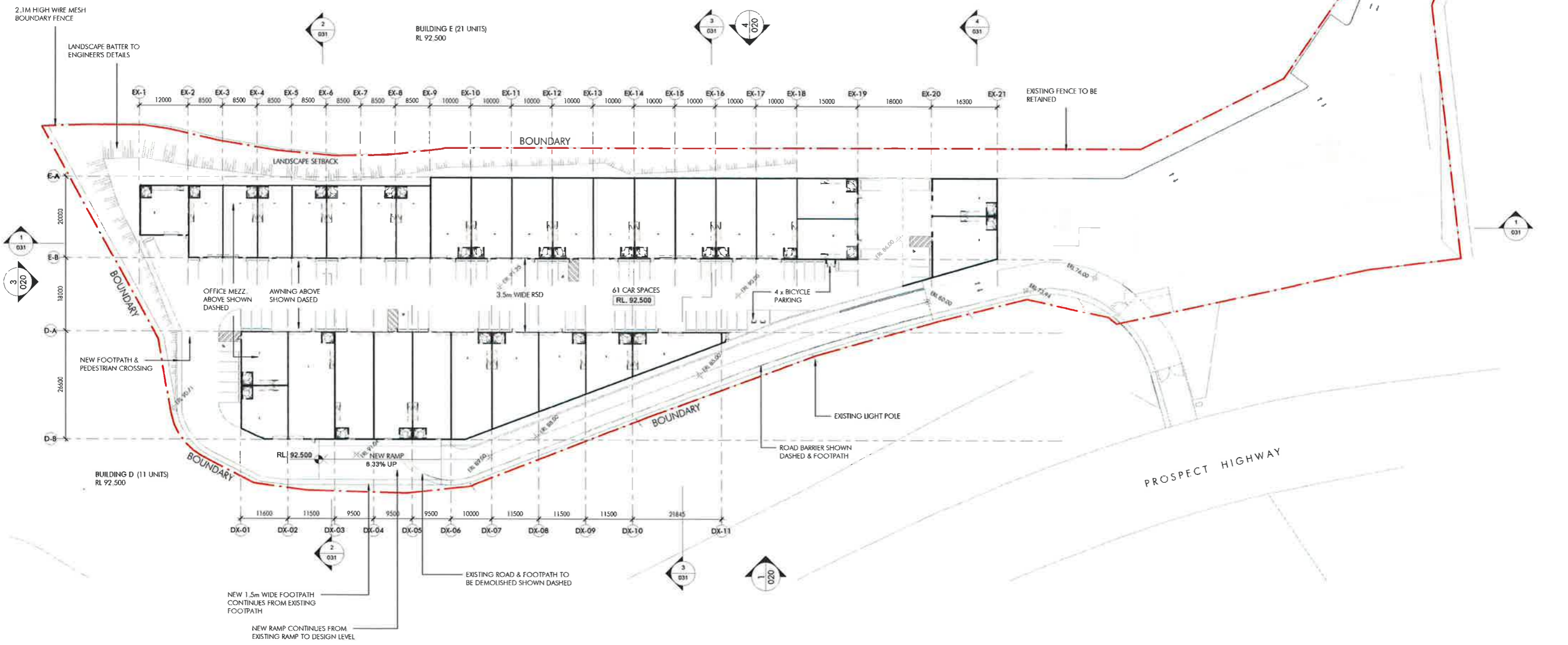
Approved Section 4.55 (.1A) Modification Application

No. 9 granted on the 5/08/2019

in respect to SSD 6801

Signed [Signature]

Sheet No. 3 of 33



1 UPPER GROUND FLOOR PLAN
1:500

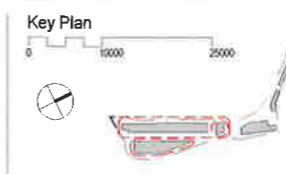
ISSUE FOR S4.55

No.	Description	Date
A	DRAFT ISSUE FOR REVIEW	11.01.19
B	ISSUE FOR DA	09.02.19
C	ISSUE FOR DA	08.01.19
D	AMENDED DA	19.04.19
E	AMENDED DA	29.05.19
F	AMENDED DA	25.06.19
G	DRAFT - REVISED FOR PLANNING MODIFICATION	21.03.19
H	DRAFT FOR ISSUE FOR S4.55	17.03.19
I	ISSUE FOR S4.55	28.03.19
J	ISSUE FOR S4.55	05.04.19

Builder and/or subcontractors to verify all proposed dimensions before commencing on site work to offset fabrication. Figure dimensions and take precedence over scaled dimensions. The drawings copyright and control to be reproduced in whole or in part, or by any means, without the written permission of Nettleton Tribe Partnership Pty Ltd.



Project Name
Bluestone Industrial Estate
Project Address
20 Picrite Close, Pemulwuy NSW 2145

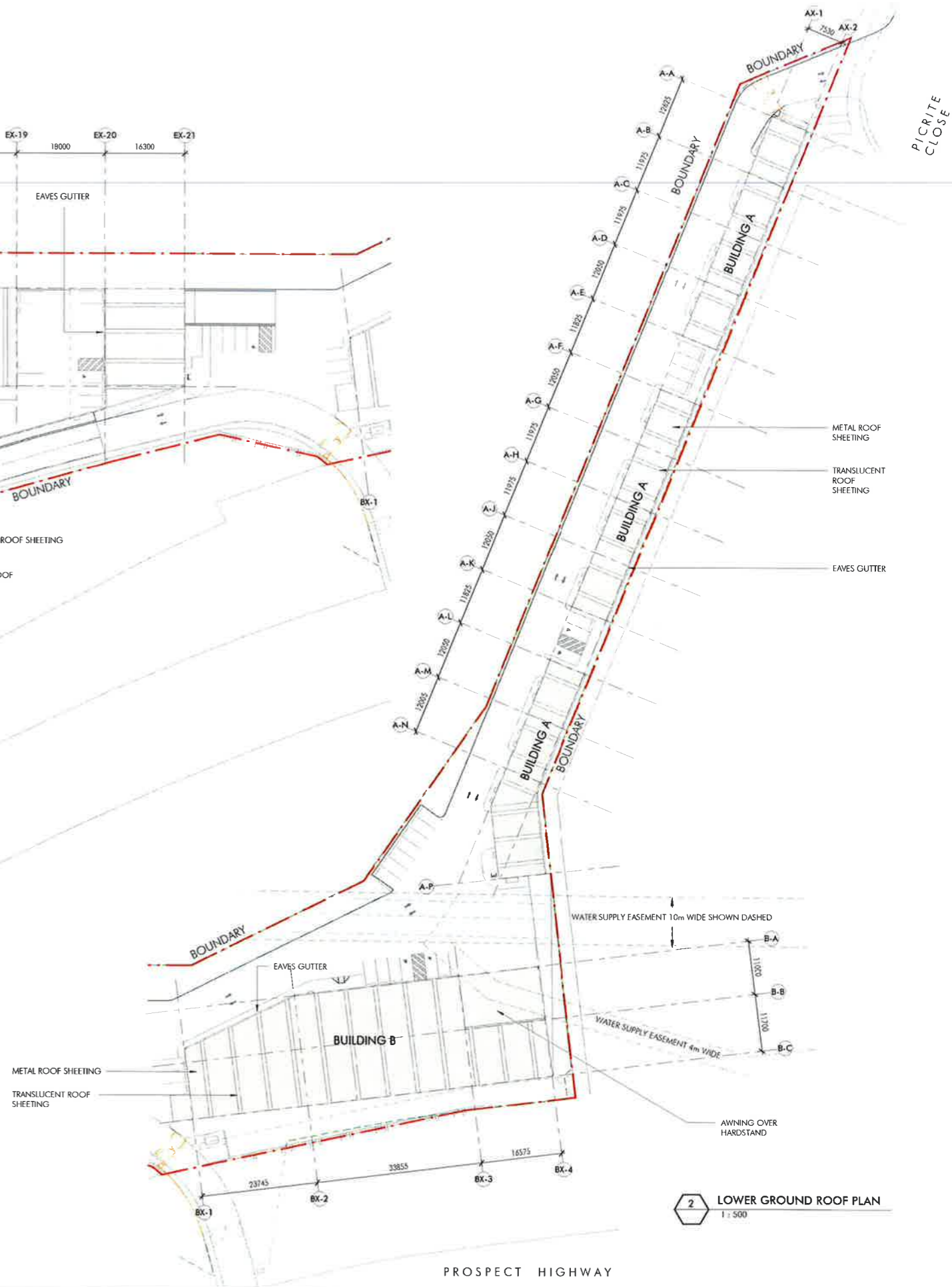
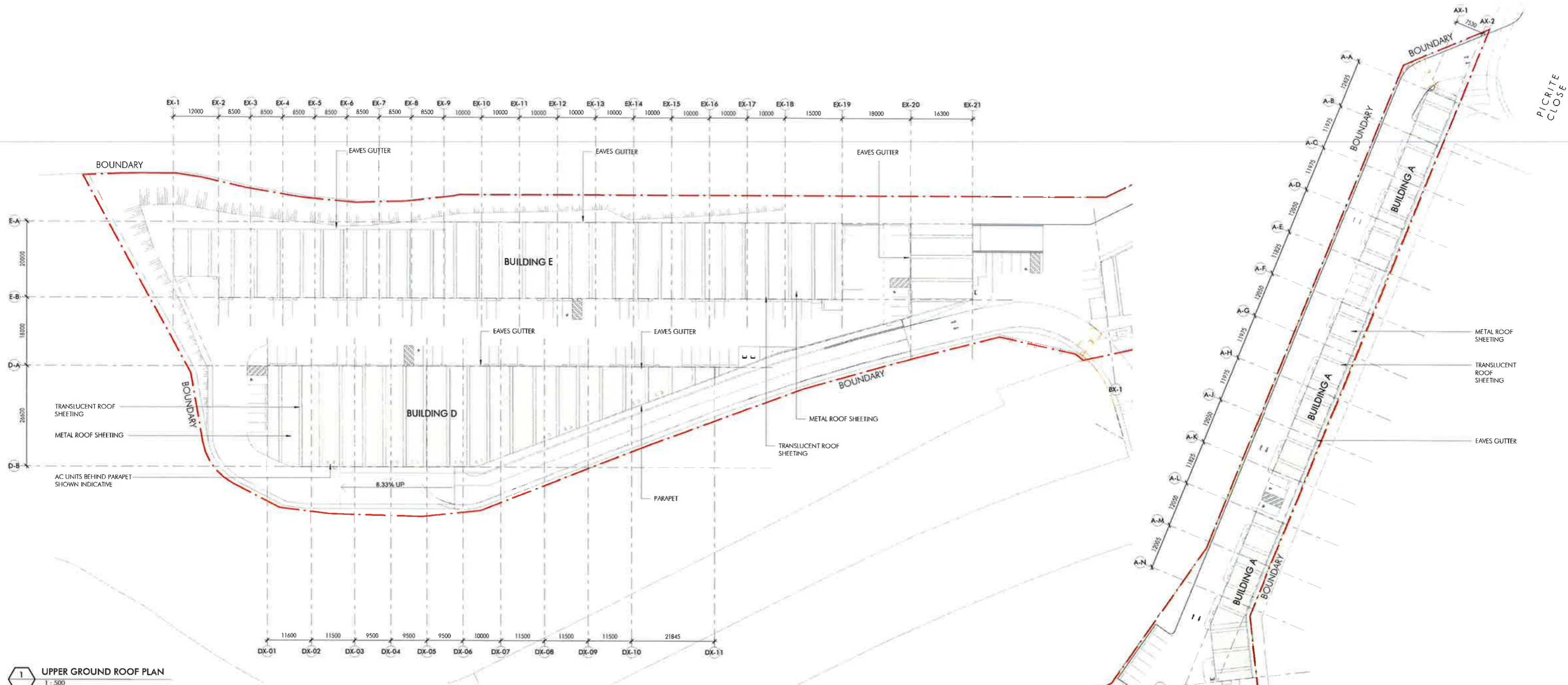


Drawing Title:			
Upper Ground Floor Plan			
Author:	Checker:	Sheet Size:	Scale:
JJ	SKL	A1	1:500
Drawing Number:			Sheet:
10676_012			K

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e: sydney@nettletontribe.com.au or nettletontribe.com.au





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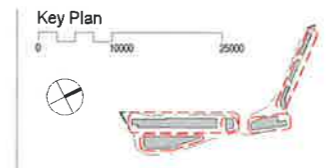
ISSUE FOR S4.55

No.	Description	Date
A	DRAFT ISSUE FOR REVIEW	21.01.18
B	ISSUE FOR DA	28.02.18
C	AMENDED DA	03.04.18
D	DRAFT - REVISED FOR PLANNING MODIFICATION	01.03.19
E	DRAFT REV. ISSUE FOR S4.55	12.05.19
F	ISSUE FOR S4.55	28.05.19
G	ISSUE FOR S4.55	05.06.19

Builder under a declaration that verify all project dimensions before commencing on site work in all site boundaries. Figure dimensions shall take precedence over scaled dimensions. This drawing is copyright and cannot be reproduced for whole or part without the written permission of NettletonTribe Partnership Pty Ltd.



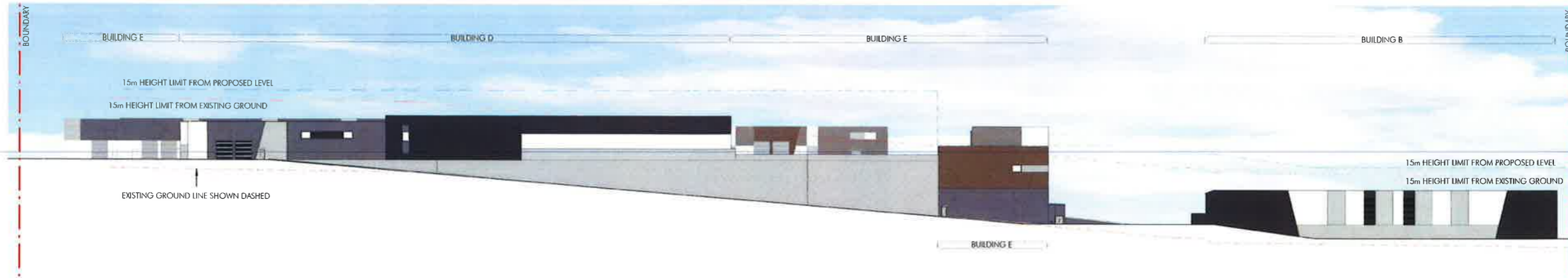
Project Name
Bluestone Industrial Estate
 Project Address
20 Picrite Close, Pemulwuy NSW 2145



Drawing Title:
Roof Plan Upper & Lower Ground
 Author: JJ, Checker: SKL, Sheet Size: A1, Scale: 1:500
 Drawing Number: **10676_015**, Rev: **G**

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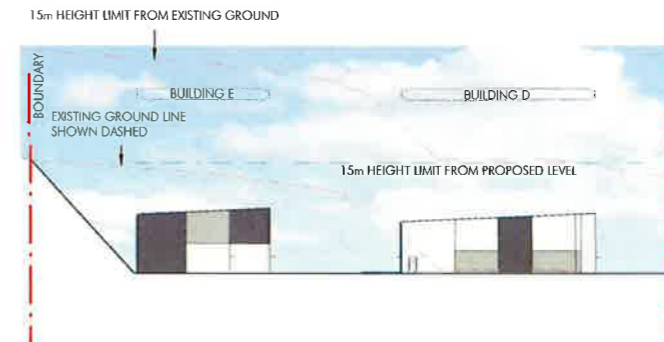
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1 SITE EAST ELEVATION
1 : 500



2 SITE NORTHEAST ELEVATION 1
1 : 500



3 SITE NORTHEAST ELEVATION 2
1 : 500



4 SITE NORTHWEST ELEVATION
1 : 500

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No. 9 granted on the 5/08/2019
in respect to SSD 6801
Signed JH
Sheet No. 5 of 33

ISSUE FOR S4.55

A:\2019\4.55\17 Plan - C:\Users\johnc@hannas.com\Documents\4.55_17_Plan.dwg

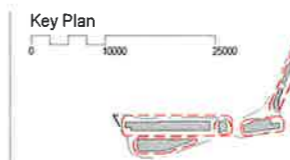


No.	Description	Date
A	DRAFT ISSUE FOR REVIEW	21.01.18
B	ISSUE FOR DA	03.02.18
C	AMENDMENTS DA	10.04.18
D	DRAFT - REQUEST FOR PLANNING MODIFICATION	21.03.19
E	ISSUE FOR S4.55	24.05.19
F	ISSUE FOR S4.55	02.08.19

Builder and/or all other parties shall verify all proposed dimensions before commencing on site work to all the boundaries. Reported dimensions shall take precedence over printed dimensions. This drawing is copyright and cannot be reproduced in whole or in part in any medium without the written permission of Hannas Trust Partnership Pty Ltd.



Project Name
Bluestone Industrial Estate
Project Address
20 Picrite Close, Pemulwuy NSW 2145

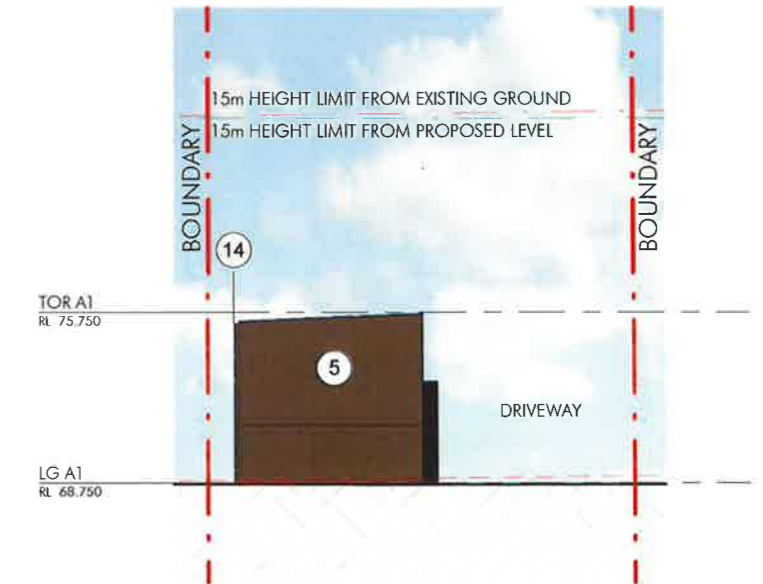
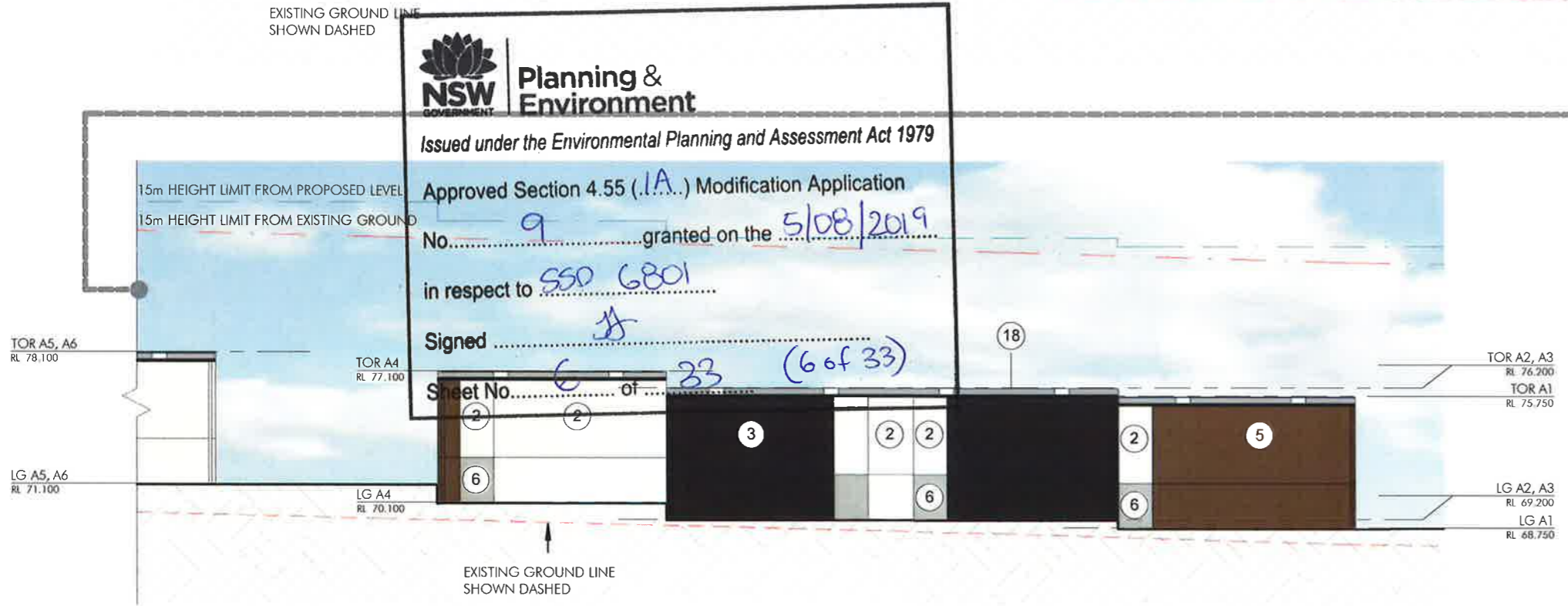
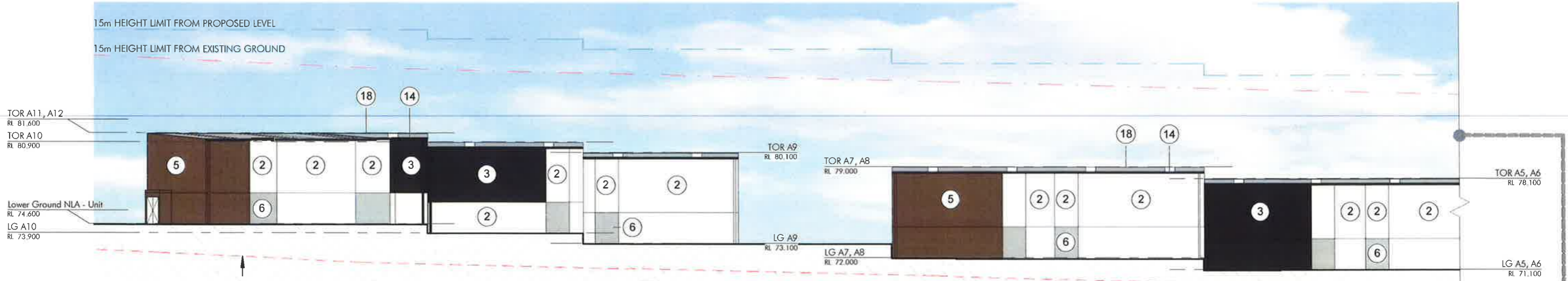


Drawing Title:
Site Elevations

Author: JJ	Checker: SKL	Drawn Size: A1	Scale: 1:250
Drawing Number: 10676_020	Issue: F		



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e: sydney@nettleontribe.com.au w: nettleontribe.com.au



1 BUILDING A EAST ELEVATION
1 : 300

2 BUILDING A NORTH ELEVATION
1 : 300

FINISHES LEGEND

① PROFILED PRECAST PANEL	⑥ PAINTED PRECAST PANEL - COLORBOND "SHALE GREY"	⑪ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - COLORBOND "MONUMENT"	⑬ ROLLER SHUTTER DOOR - COLORBOND "SHALE GREY"
② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"	⑦ PAINTED PRECAST PANEL - COLORBOND "GULLY"	⑫ POWDERCOATED ROOF ACCESSORIES - COLORBOND "BASALT"	⑭ POWDERCOATED ALUMINIUM LOUVRES - COLORBOND "BASALT"
③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"	⑧ POWDERCOATED ALUMINIUM WINDOW FRAME - WHITE	⑬ POWDERCOATED ROOF ACCESSORIES - COLORBOND "JASPER"	⑮ TRIMDEK ROOF SHEETING - COLORBOND "SHALE GREY"
④ PAINTED PRECAST PANEL - COLORBOND "BASALT"	⑨ POWDERCOATED ALUMINIUM WINDOW FRAME - COLORBOND "MONUMENT"	⑭ POWDERCOATED ROOF ACCESSORIES - COLORBOND "MONUMENT"	⑯ VISION GLAZING - CLEAR
⑤ PAINTED PRECAST PANEL - COLORBOND "JASPER"	⑩ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - WHITE	⑮ PAINTED / POWDERCOATED COLUMNS - COLORBOND "JASPER"	

ISSUE FOR S4.55

Issue	Description	Date
A	DRAFT ISSUE FOR REVIEW	31.03.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	10.04.18
D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.09.19
E	DRAFT - ISSUE FOR PLANNING MODIFICATION	15.05.19
F	ISSUE FOR S4.55	28.05.19
G	ISSUE FOR S4.55	05.05.19

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Project Name:
Bluestone Industrial Estate

Project Address:
20 Picrite Close, Pemulwuy NSW 2145

Client:
Bluestone Industrial Estate

Project Address:
20 Picrite Close, Pemulwuy NSW 2145

Key Plan:

Drawing Title:
Elevations Sheet 1

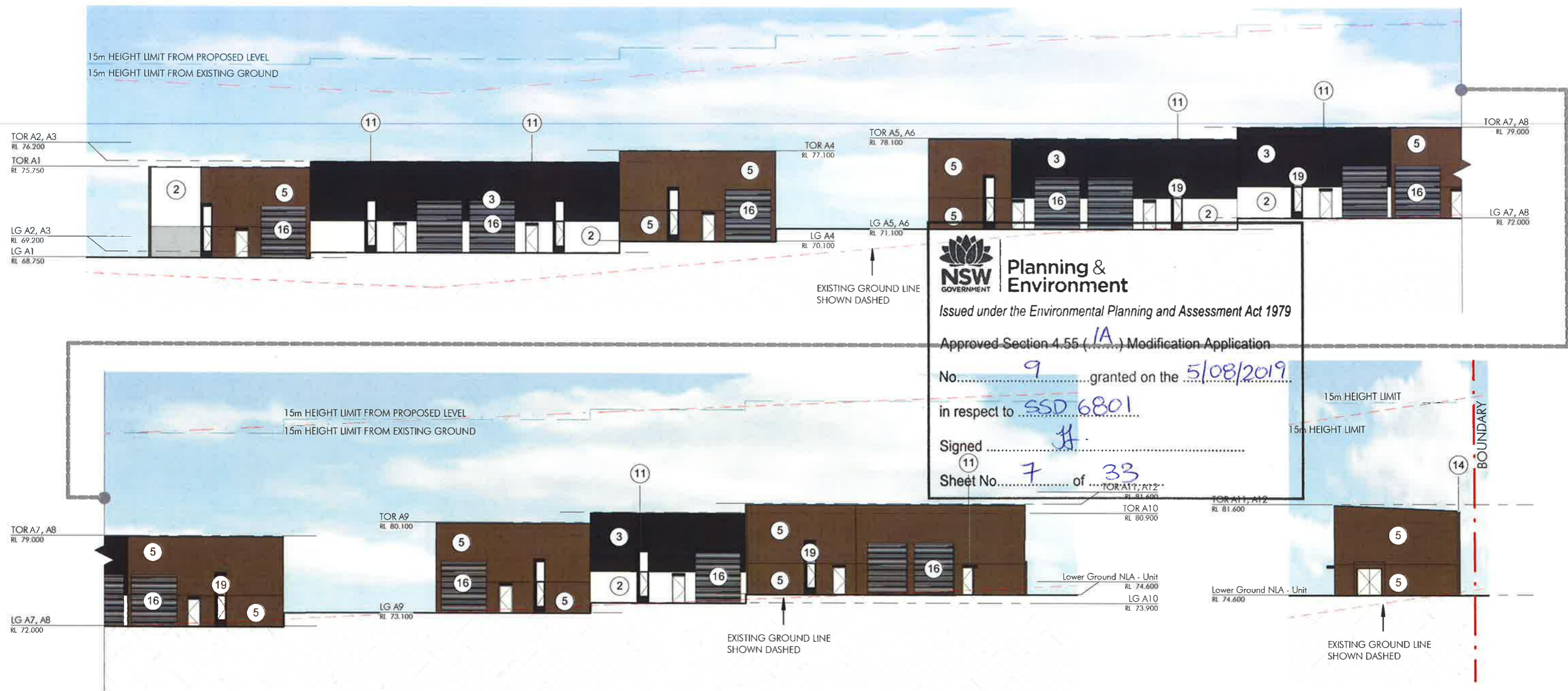
Author: JJ
Checker: SKL

Drawing Number:
10676_021

Scale:
1 : 300

Issue:
G

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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
 Signed H.
 Sheet No. 7 of 33

1 BUILDING A WEST ELEVATION
1 : 300

2 BUILDING A SOUTH ELEVATION
1 : 300

FINISHES LEGEND

- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
- ④ PAINTED PRECAST PANEL - COLORBOND "BASALT"
- ⑤ PAINTED PRECAST PANEL - COLORBOND "JASPER"
- ⑥ PAINTED PRECAST PANEL - COLORBOND "SHALE GREY"
- ⑦ PAINTED PRECAST PANEL - COLORBOND "GULLY"
- ⑧ POWDERCOATED ALUMINIUM WINDOW FRAME - WHITE
- ⑨ POWDERCOATED ALUMINIUM WINDOW FRAME - COLORBOND "MONUMENT"
- ⑩ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - WHITE
- ⑪ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - COLORBOND "MONUMENT"
- ⑫ POWDERCOATED ROOF ACCESSORIES - COLORBOND "BASALT"
- ⑬ POWDERCOATED ROOF ACCESSORIES - COLORBOND "JASPER"
- ⑭ POWDERCOATED ROOF ACCESSORIES - COLORBOND "MONUMENT"
- ⑮ PAINTED / POWDERCOATED COLUMNS - COLORBOND "JASPER"
- ⑯ ROLLER SHUTTER DOOR - COLORBOND "SHALE GREY"
- ⑰ POWDERCOATED ALUMINIUM LOUVRES - COLORBOND "BASALT"
- ⑱ TRIMDEK ROOF SHEETING - COLORBOND "SHALE GREY"
- ⑲ VISION GLAZING - CLEAR

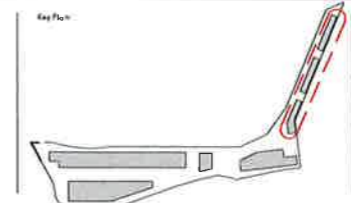
ISSUE FOR S4.55

Issue	Description	Date
A	DRAFT ISSUE FOR REVIEW	31.01.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	10.04.18
D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.03.19
E	DRAFT - ISSUE FOR PLANNING MODIFICATION	15.05.19
F	ISSUE FOR S4.55	28.05.19
G	ISSUE FOR S4.55	05.06.19

Builder to ensure all materials are ready for use prior to commencing work on site. This drawing is a guide only and cannot be reproduced in whole or in part without the written permission of Hannas Pty Ltd.

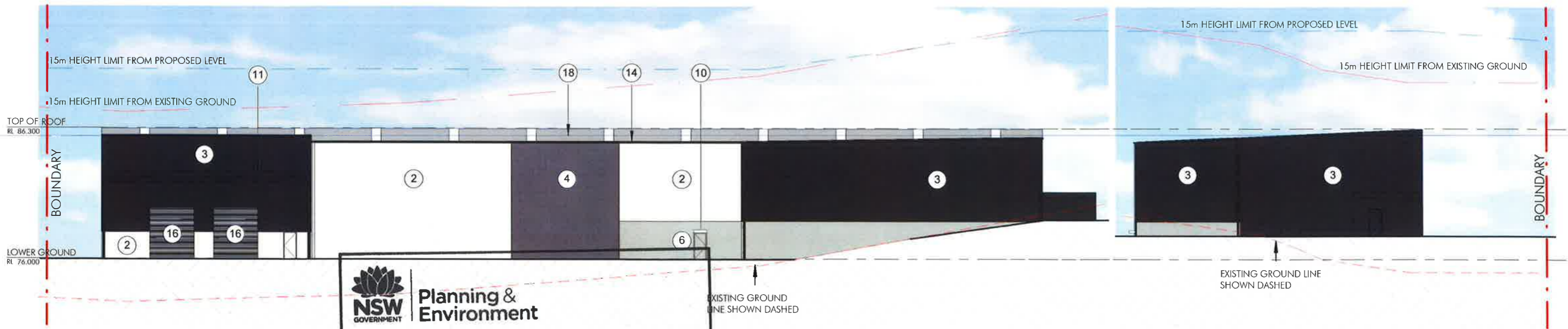
Project Name
Bluestone Industrial Estate

Project Address
20 Picrite Close, Pemulwuy NSW 2145



Drawing Title
Elevations Sheet 2

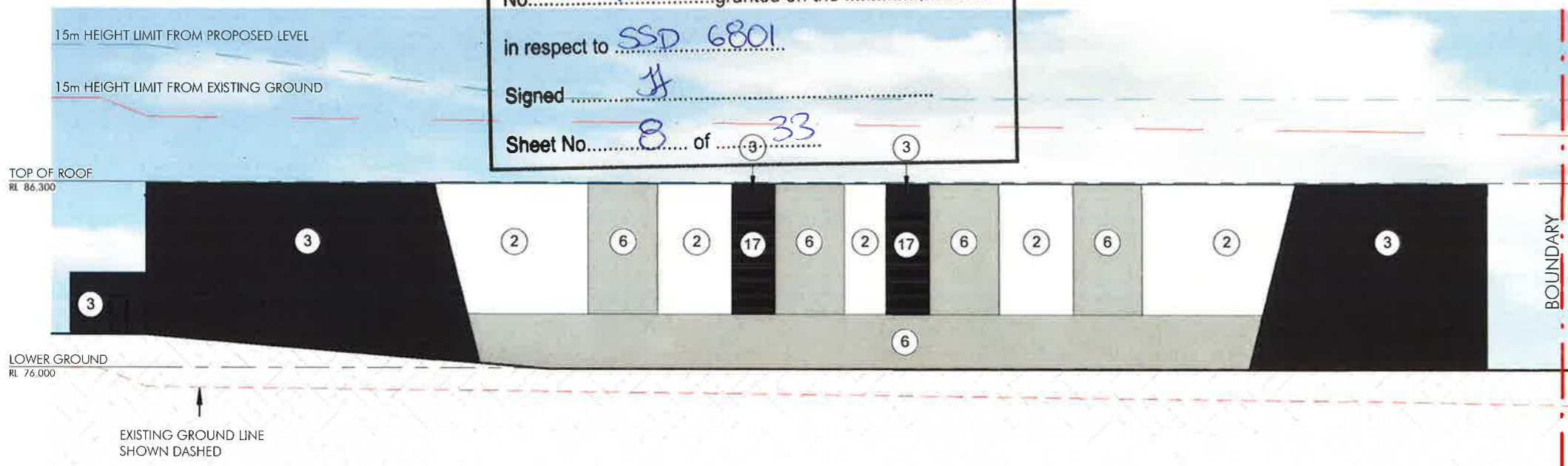
Author: JJ
 Checker: SKL
 Scale: 1 : 300
 Drawing Number: 10676_022
 Level: G



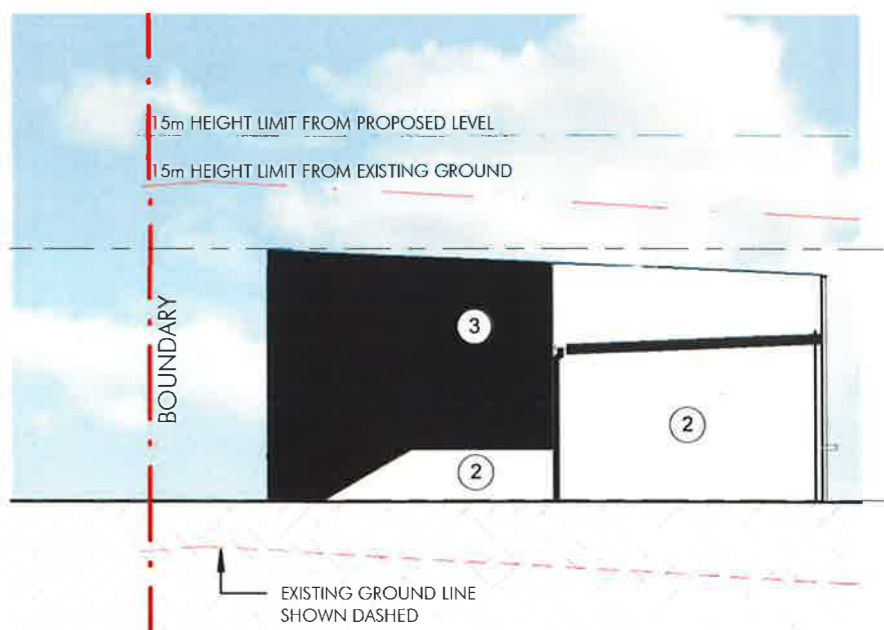
1 BUILDING B WEST ELEVATION
1 : 300

2 BUILDING B SOUTH ELEVATION
1 : 300

NSW GOVERNMENT Planning & Environment
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 Approved Section 4.55 (.1A) Modification Application
 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
 Signed [Signature]
 Sheet No. 8 of 33



3 BUILDING B EAST ELEVATION
1 : 300



4 BUILDING B NORTH ELEVATION
1 : 300

FINISHES LEGEND

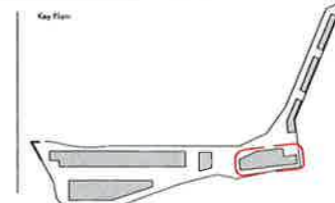
- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
- ④ PAINTED PRECAST PANEL - COLORBOND "BASALT"
- ⑤ PAINTED PRECAST PANEL - COLORBOND "JASPER"
- ⑥ PAINTED PRECAST PANEL - COLORBOND "SHALE GREY"
- ⑦ PAINTED PRECAST PANEL - COLORBOND "GULLY"
- ⑧ POWDERCOATED ALUMINIUM WINDOW FRAME - WHITE
- ⑨ POWDERCOATED ALUMINIUM WINDOW FRAME - COLORBOND "MONUMENT"
- ⑩ POWDERCOATED ALUMINIUM WINDOW FRAME & AWNING - WHITE
- ⑪ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - COLORBOND "MONUMENT"
- ⑫ POWDERCOATED ROOF ACCESSORIES - COLORBOND "BASALT"
- ⑬ POWDERCOATED ROOF ACCESSORIES - COLORBOND "JASPER"
- ⑭ POWDERCOATED ROOF ACCESSORIES - COLORBOND "MONUMENT"
- ⑮ PAINTED / POWDERCOATED COLUMNS - COLORBOND "JASPER"
- ⑯ ROLLER SHUTTER DOOR - COLORBOND "SHALE GREY"
- ⑰ POWDERCOATED ALUMINIUM LOUVRES - COLORBOND "BASALT"
- ⑱ TRIMDEK ROOF SHEETING - COLORBOND "SHALE GREY"
- ⑲ VISION GLAZING - CLEAR

ISSUE FOR S4.55

Issue	Description	Date
A	DRAFT ISSUE FOR REVIEW	31.01.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	10.04.18
D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.03.19
E	DRAFT - ISSUE FOR PLANNING MODIFICATION	15.05.19
F	ISSUE FOR S4.55	28.05.19

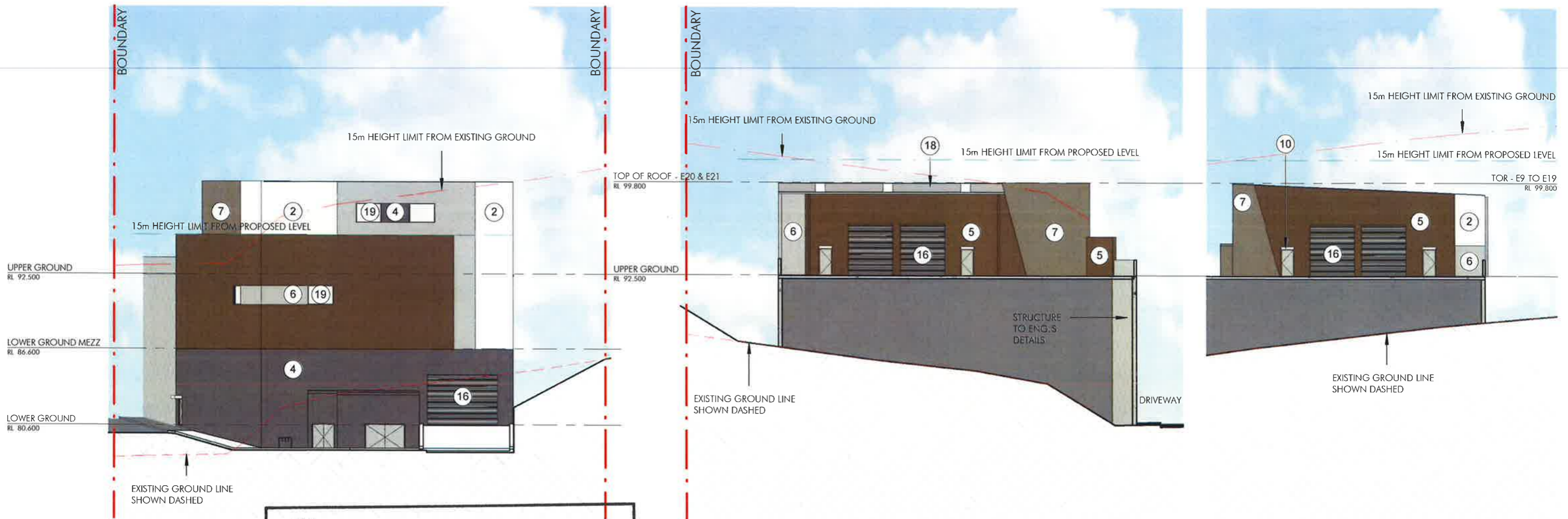
Builder and/or a design professional shall verify all project dimensions before commencing work under a building application. Signed drawings shall include precise dimensions and measurements. This drawing is copyright and cannot be reproduced in whole or in part without the written permission of NettletonTribe Pty Ltd.

Client: Bluestone Industrial Estate
Project Address: 20 Picrite Close, Pemulwuy NSW 2145



Drawing Title: Elevations Sheet 3
Author: JJ
Checker: SKL
Scale: 1 : 300
Drawing Number: 10676_023
Issue: F

NSWBP/2019/1111



1 BUILDING C & E NORTH
1 : 300

2 BUILDING E20 & E21 SOUTH ELEVATION
1 : 300

3 BUILDING E18 & E19 NORTH ELEVATION
1 : 300

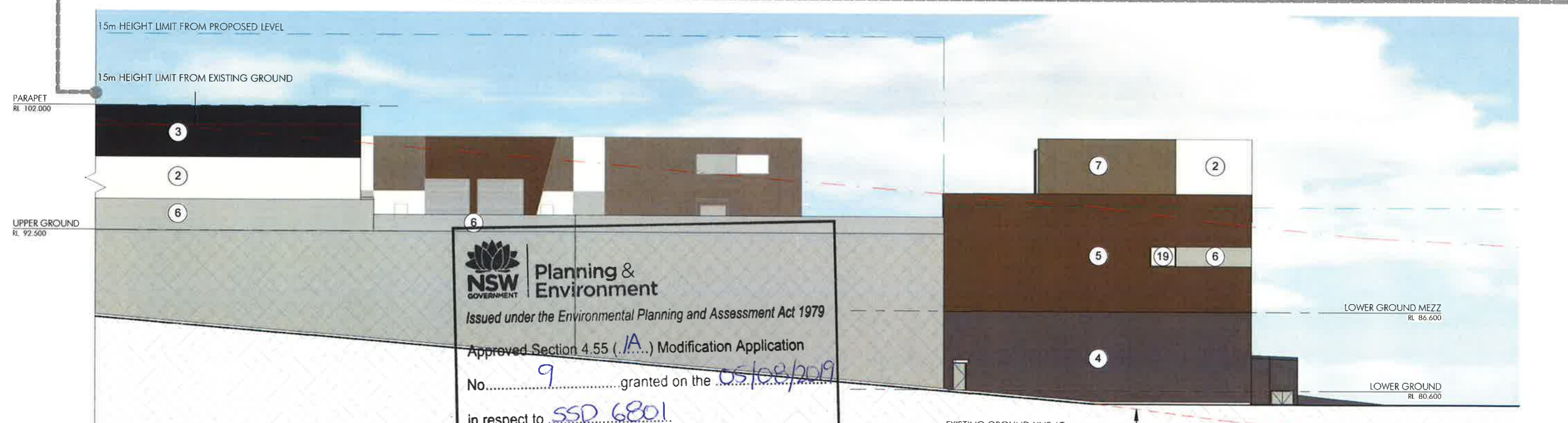
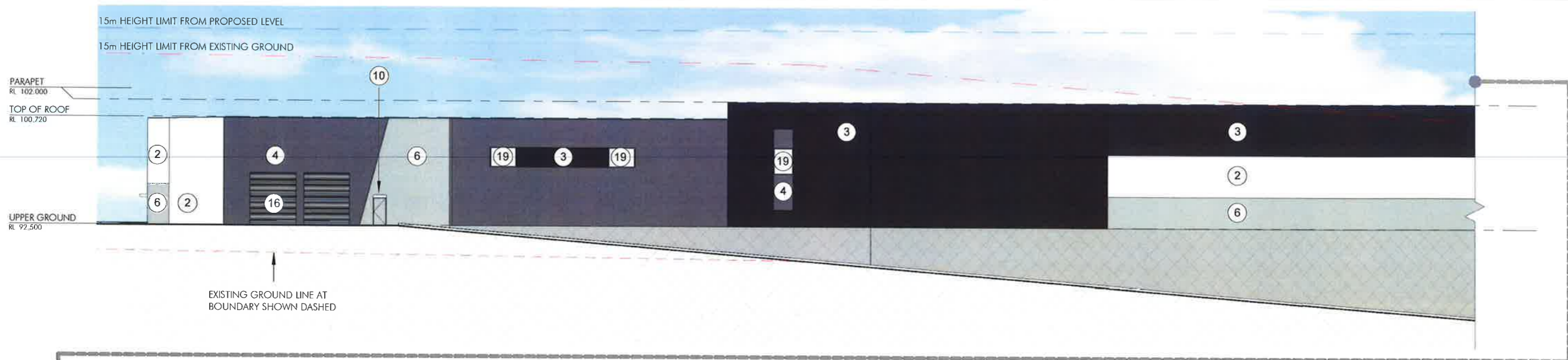
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 No. 9 granted on the 5/08/2019
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 Sheet No. 9 of 33

FINISHES LEGEND

- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
- ④ PAINTED PRECAST PANEL - COLORBOND "BASALT"
- ⑤ PAINTED PRECAST PANEL - COLORBOND "JASPER"
- ⑥ PAINTED PRECAST PANEL - COLORBOND "SHALE GREY"
- ⑦ PAINTED PRECAST PANEL - COLORBOND "GULLY"
- ⑧ POWDERCOATED ALUMINIUM WINDOW FRAME - WHITE
- ⑨ POWDERCOATED ALUMINIUM WINDOW FRAME - COLORBOND "MONUMENT"
- ⑩ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - WHITE
- ⑪ POWDERCOATED ALUMINIUM DOOR FRAME & AWNING - COLORBOND "MONUMENT"
- ⑫ POWDERCOATED ROOF ACCESSORIES - COLORBOND "BASALT"
- ⑬ POWDERCOATED ROOF ACCESSORIES - COLORBOND "JASPER"
- ⑭ POWDERCOATED ROOF ACCESSORIES - COLORBOND "MONUMENT"
- ⑮ PAINTED / POWDERCOATED COLUMNS - COLORBOND "JASPER"
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- ⑰ POWDERCOATED ALUMINIUM LOUVRES - COLORBOND "BASALT"
- ⑱ TRIMDEK ROOF SHEETING - COLORBOND "SHALE GREY"
- ⑲ VISION GLAZING - CLEAR

ISSUE FOR S4.55

<p>hannas</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Issue</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr><td>A</td><td>DRAFT ISSUE FOR REVIEW</td><td>31.01.18</td></tr> <tr><td>B</td><td>ISSUE FOR DA</td><td>05.02.18</td></tr> <tr><td>C</td><td>AMENDED DA</td><td>10.04.18</td></tr> <tr><td>D</td><td>DRAFT - ISSUE FOR PLANNING MODIFICATION</td><td>01.05.19</td></tr> <tr><td>E</td><td>DRAFT 800 - ISSUE FOR S4.55</td><td>17.05.19</td></tr> <tr><td>F</td><td>ISSUE FOR S4.55</td><td>28.05.19</td></tr> <tr><td>G</td><td>ISSUE FOR S4.55</td><td>05.06.19</td></tr> </tbody> </table>	Issue	Description	Date	A	DRAFT ISSUE FOR REVIEW	31.01.18	B	ISSUE FOR DA	05.02.18	C	AMENDED DA	10.04.18	D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.05.19	E	DRAFT 800 - ISSUE FOR S4.55	17.05.19	F	ISSUE FOR S4.55	28.05.19	G	ISSUE FOR S4.55	05.06.19	<p>Project Name Bluestone Industrial Estate</p> <p>Project Address 20 Picrite Close, Pemulwuy NSW 2145</p>	<p>Drawing Title Elevations Sheet 4</p> <p>Author: JJ Checker: SKL</p> <p>Scale: 1 : 300</p> <p>Level: G</p>	<p>nettleontribe</p> <p>nettleontribe partnership pty ltd ABN 58 161 683 122 117 Willoughby Road, Crows Nest, NSW 2065 t +61 2 9431 6131 e sydney@nettleontribe.com.au w nettleontribe.com.au</p>
Issue	Description	Date																										
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B	ISSUE FOR DA	05.02.18																										
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E	DRAFT 800 - ISSUE FOR S4.55	17.05.19																										
F	ISSUE FOR S4.55	28.05.19																										
G	ISSUE FOR S4.55	05.06.19																										



2 BUILDING C & D EAST ELEVATION
1 : 300

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 No. 9 granted on the 05/08/2019
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 Sheet No. 10 of 33

FINISHES LEGEND

- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
- ④ PAINTED PRECAST PANEL - COLORBOND "BASALT"
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- ⑯ ROLLER SHUTTER DOOR - COLORBOND "SHALE GREY"
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- ⑱ TRIMDEK ROOF SHEETING - COLORBOND "SHALE GREY"
- ⑲ VISION GLAZING - CLEAR

ISSUE FOR S4.55

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Issue	Description	Date																										
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 Sheet No. 12 of 33

2 BUILDING E EAST ELEVATION
1 : 300

FINISHES LEGEND

- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
- ④ PAINTED PRECAST PANEL - COLORBOND "BASALT"
- ⑤ PAINTED PRECAST PANEL - COLORBOND "JASPER"
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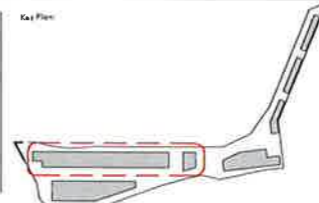
ISSUE FOR S4.55

Issue	Description	Date
A	DRAFT ISSUE FOR REVIEW	31.01.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	10.04.18
D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.03.19
E	DRAFT 80% - ISSUE FOR S4.55	17.05.19
F	ISSUE FOR S4.55	30.05.19
G	ISSUE FOR S4.55	05.06.19

Builder and/or subcontractors shall verify all project dimensions before commencing work on the on-site application. If any dimensions are not as specified, they shall be corrected on site. This drawing is copyright and cannot be reproduced in whole or in part without the written permission of Nettleton Tribe Planning Pty Ltd.

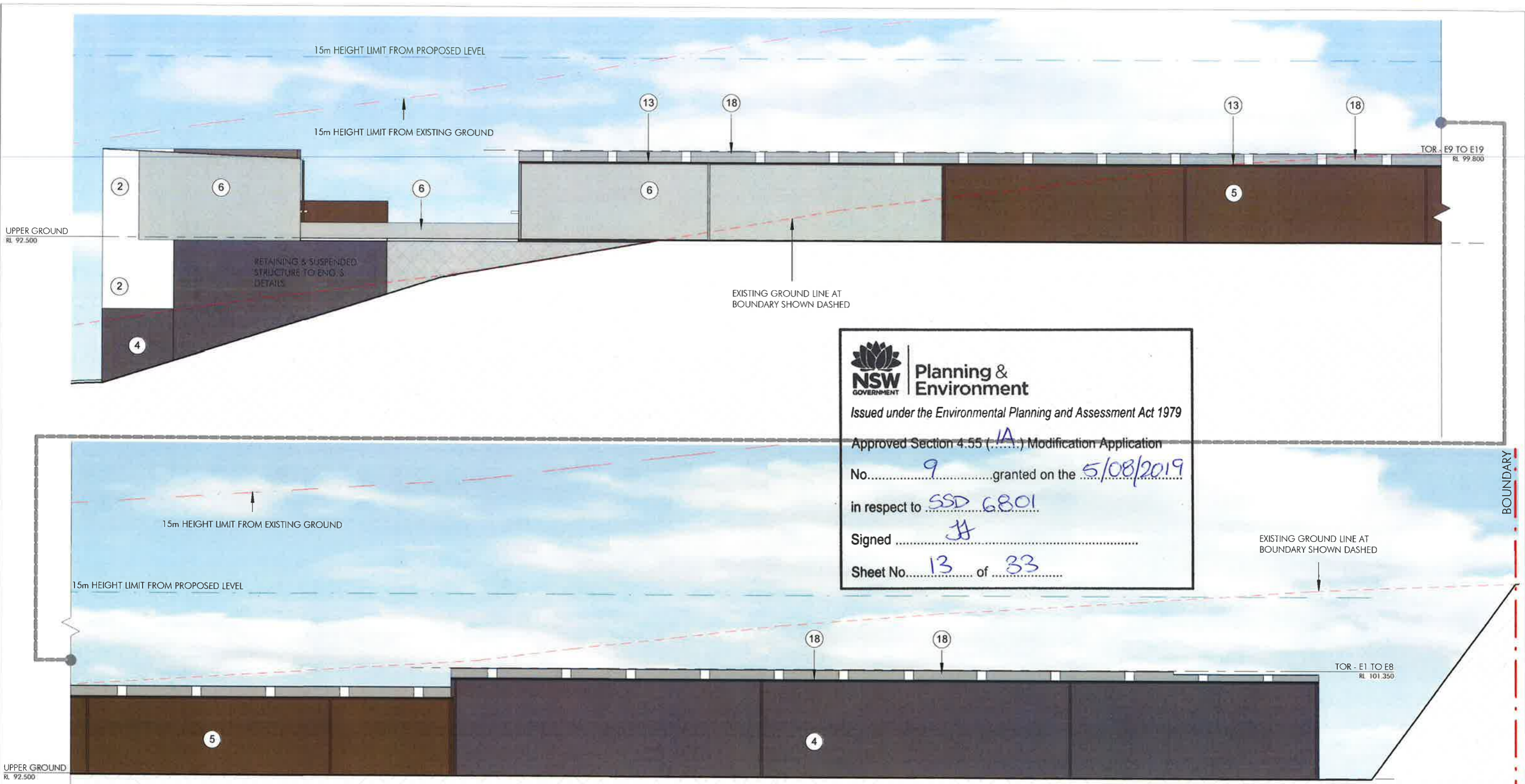
Project Name: **Bluestone Industrial Estate**


Project Address: **20 Picrite Close, Pemulwuy NSW 2145**



Drawing Title: **Elevations Sheet 7**
 Author: JJ
 Checker: SKL
 Scale: 1 : 300
 Drawing Number: **10676_027**
 Level: G

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 4/20/2019 10:30:19 AM




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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
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 Sheet No. 13 of 33

FINISHES LEGEND

- ① PROFILED PRECAST PANEL
- ② PAINTED PRECAST PANEL - DULUX "VIVID WHITE"
- ③ PAINTED PRECAST PANEL - COLORBOND "MONUMENT"
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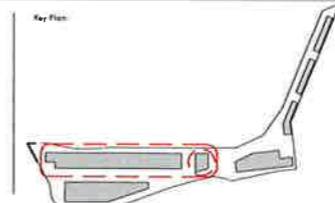
ISSUE FOR S4.55

2 BUILDING E WEST ELEVATION
 1 : 300

Issue	Description	Date
A	DRAFT ISSUE FOR REVIEW	31.01.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	10.04.18
D	DRAFT - ISSUE FOR PLANNING MODIFICATION	01.03.19
E	DRAFT 80% - ISSUE FOR S4.55	17.03.19
F	ISSUE FOR S4.55	28.05.19

Elevation drawings are to be used for construction purposes only. They are not to be used for any other purpose. The drawing is copyright and cannot be reproduced in whole or in part without the written permission of Hannas Pty Ltd.

Project Name: Bluestone Industrial Estate
Project Address: 20 Picrite Close, Pemulwuy NSW 2145

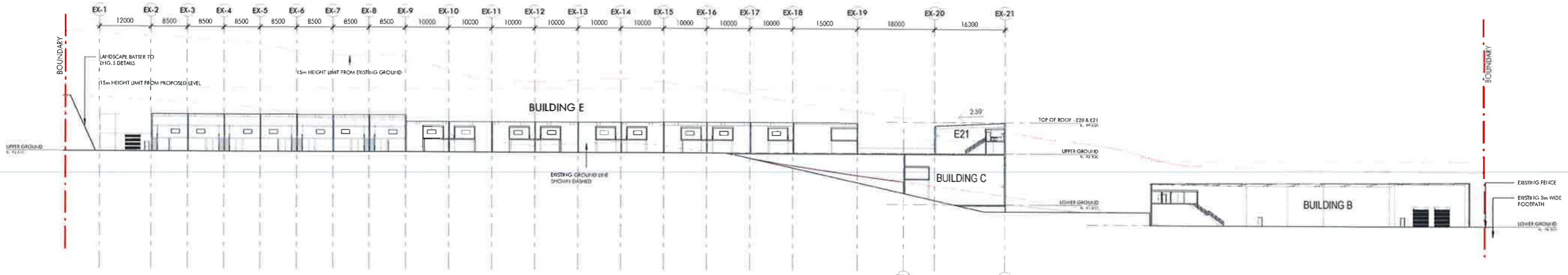


Author: JJ
Checker: SKL
Scale: 1 : 300
Drawing Number: 10676_028
Issue: F

nettleontribe
 nettleontribe partnership pty ltd ABN 56 161 685 122
 117 Willoughby Road, Crows Nest, NSW 2065
 t +61 2 9431 6131
 e. sydney@nettleontribe.com.au w. nettleontribe.com.au

C:\Users\jordan\Documents\10676_103_BLDG ELEVATIONS.dwg

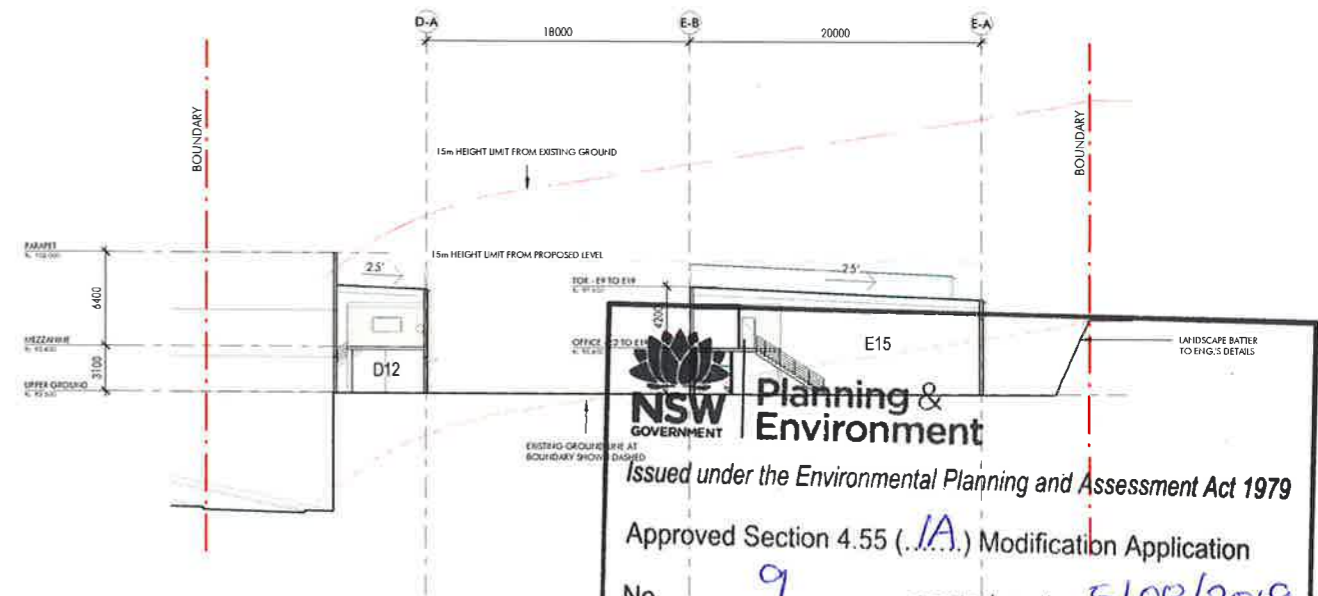




1 LONG SITE SECTION
1 : 500

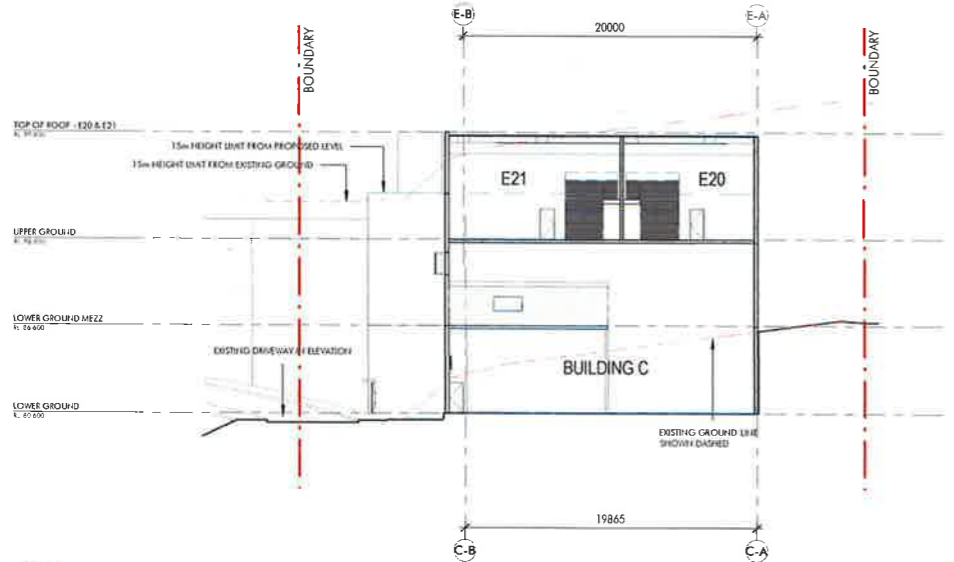


2 BUILDING D & E SHORT SECTION 1
1 : 250

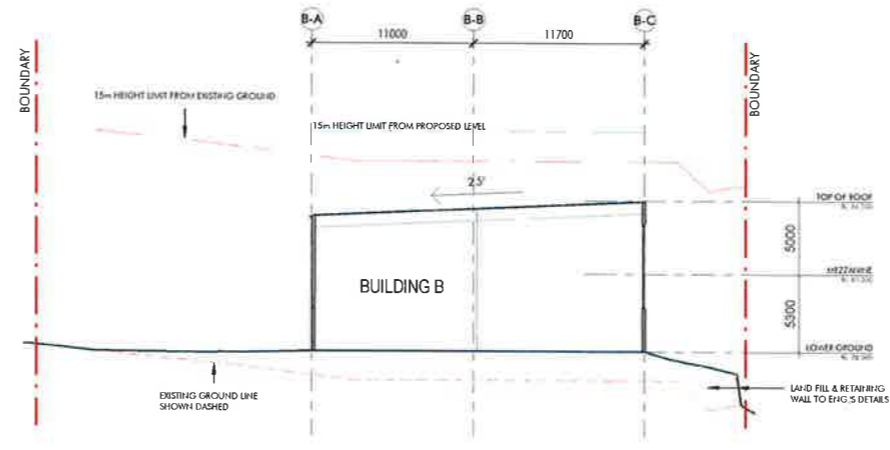


3 BUILDING D & E SHORT SECTION 2
1 : 250

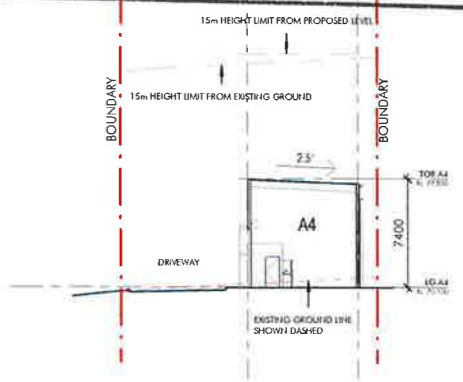
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 No. 9 granted on the 5/08/2019
 in respect to SSO 6801
 Signed JJ
 Sheet No. 14 of 33



4 BUILDING C & E SHORT SECTION
1 : 250



5 BUILDING B SHORT SECTION
1 : 250



6 BUILDING A SHORT SECTION
1 : 250

ISSUE FOR S4.55

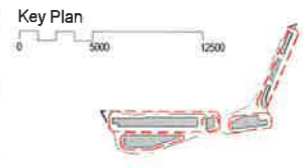


No.	Description	Date
A	DRAWING ISSUE FOR REVIEW	27.01.18
B	ISSUE FOR DA	05.02.18
C	AMENDED DA	15.04.18
D	DRAWING REVISED FOR PLANNING MODIFICATION	01.03.19
E	ISSUE FOR S4.55	26.05.19

Builder and/or administrator shall verify all proposed dimensions before commencing on site work or with construction. If any dimensions shall be problematic, please contact the architect. This drawing is copyright and cannot be reproduced in whole or in part by any medium without the written permission of the architect. Site Partnership Pty Ltd.



Project Name
Bluestone Industrial Estate
 Project Address
20 Picrite Close, Pemulwuy NSW 2145



Drawing Title
Sections
 Author: JJ, Checker: SKL, Sheet Size: A1, Scale: 1:250
 Drawing Number: **10676_031**, Name: **E**

nettleontribe
 nettleontribe partnership Pty Ltd ABN 56 161 683 122
 117 Willoughby Road, Crown Nest, NSW 2065
 t: +61 2 9431 6431
 e: sydney@nettleontribe.com.au w: nettleontribe.com.au

HANNAS Prospect Highway Greystanes

Lot 37 Prospect Highway, Greystanes NSW

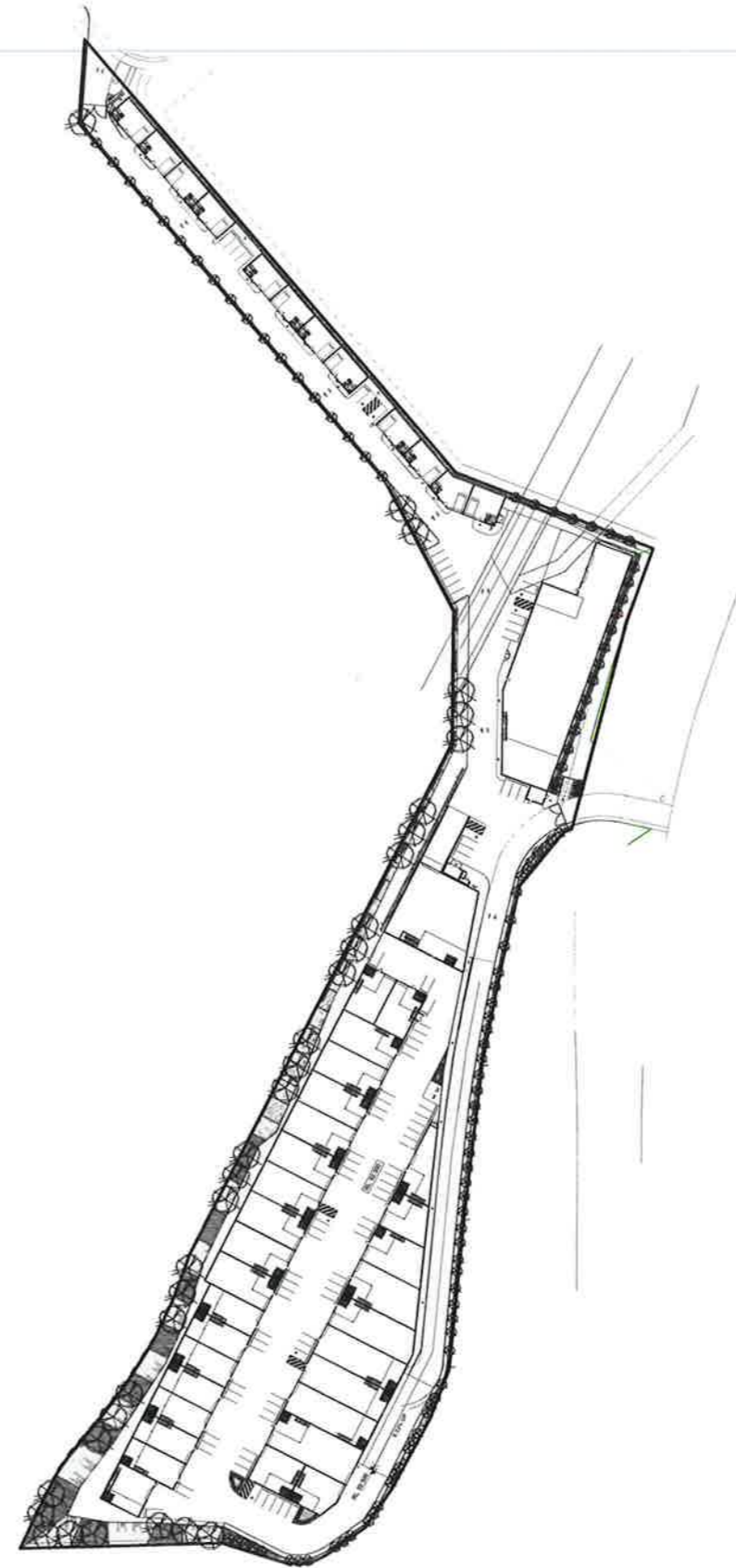
Development Application

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

DRAWINGS

DWG NO.	DRAWING TITLE	SCALE
000	COVER SHEET	
100	COLOUR LANDSCAPE PLAN	
101	LANDSCAPE PLAN 1	1:150
102	LANDSCAPE PLAN 2	1:150
103	LANDSCAPE PLAN 3	1:150
104	LANDSCAPE PLAN 4	1:150
105	LANDSCAPE PLAN 5	1:150
106	LANDSCAPE PLAN 6	1:150
107	LANDSCAPE PLAN 7	1:150
500	LANDSCAPE SPECIFICATIONS & PLANTING SCHEDULE	
502	LANDSCAPE DETAILS	AS SHOWN



Issue	Revision Description	Drawn	Check	Date
E	Development Application	NP	RS	07.08.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018

LEGEND

Key Plan:



Client:
Hannas

Project:
**Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW**

Level 1, 3-5 Baptist Street
Redfern NSW 2016
Australia
Tel: (61 2) 8332 5600
Fax: (61 2) 9696 2877
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SITE IMAGE



Landscape Architects

DEVELOPMENT APPLICATION

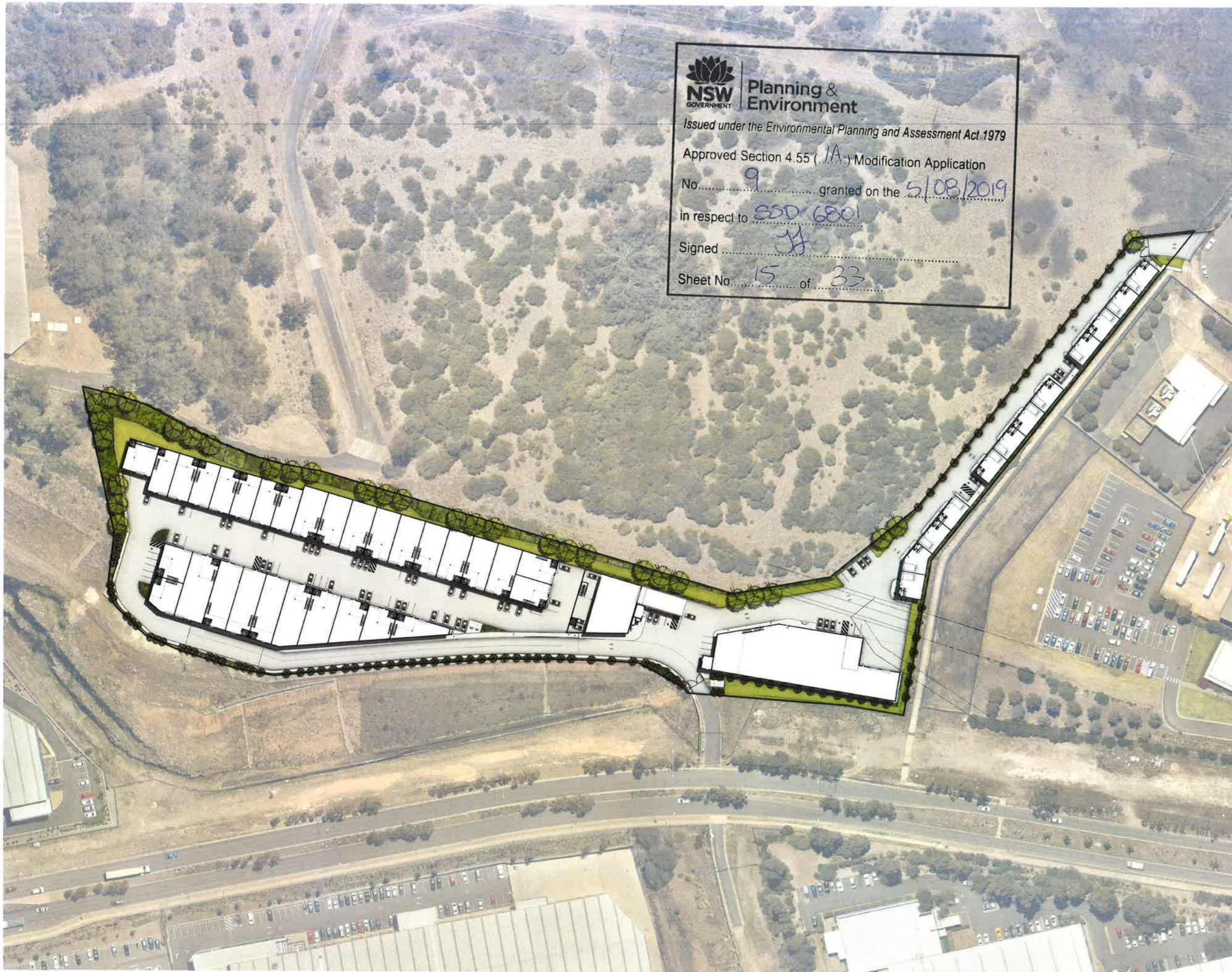
Drawing Name:
Cover Sheet


Scale: 1:1000 @ A1
Job Number:
SS17-3706



Sheet . of .
000 E

NOT FOR CONSTRUCTION










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Issue	Revision Description	Drawn	Check	Date
E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	01.02.2018

- LEGEND**
-  **Proposed Trees**
(Refer to Plant Schedule)
 -  **Proposed Accent & Shrubs**
(Refer to Plant Schedule)
 -  **Proposed Groundcovers**
(Refer to Plant Schedule)
 -  **Batter Planting**
(Refer to Plant Schedule)
 -  **Insitu Concrete Path**
(Refer to Details)
 -  **Pebble Path**
(Refer to Details)

Key Plan:



Client:
Hannas

Project:
**Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW**

Level 1, 3-5 Baptist Street
Redfern NSW 2016
Australia
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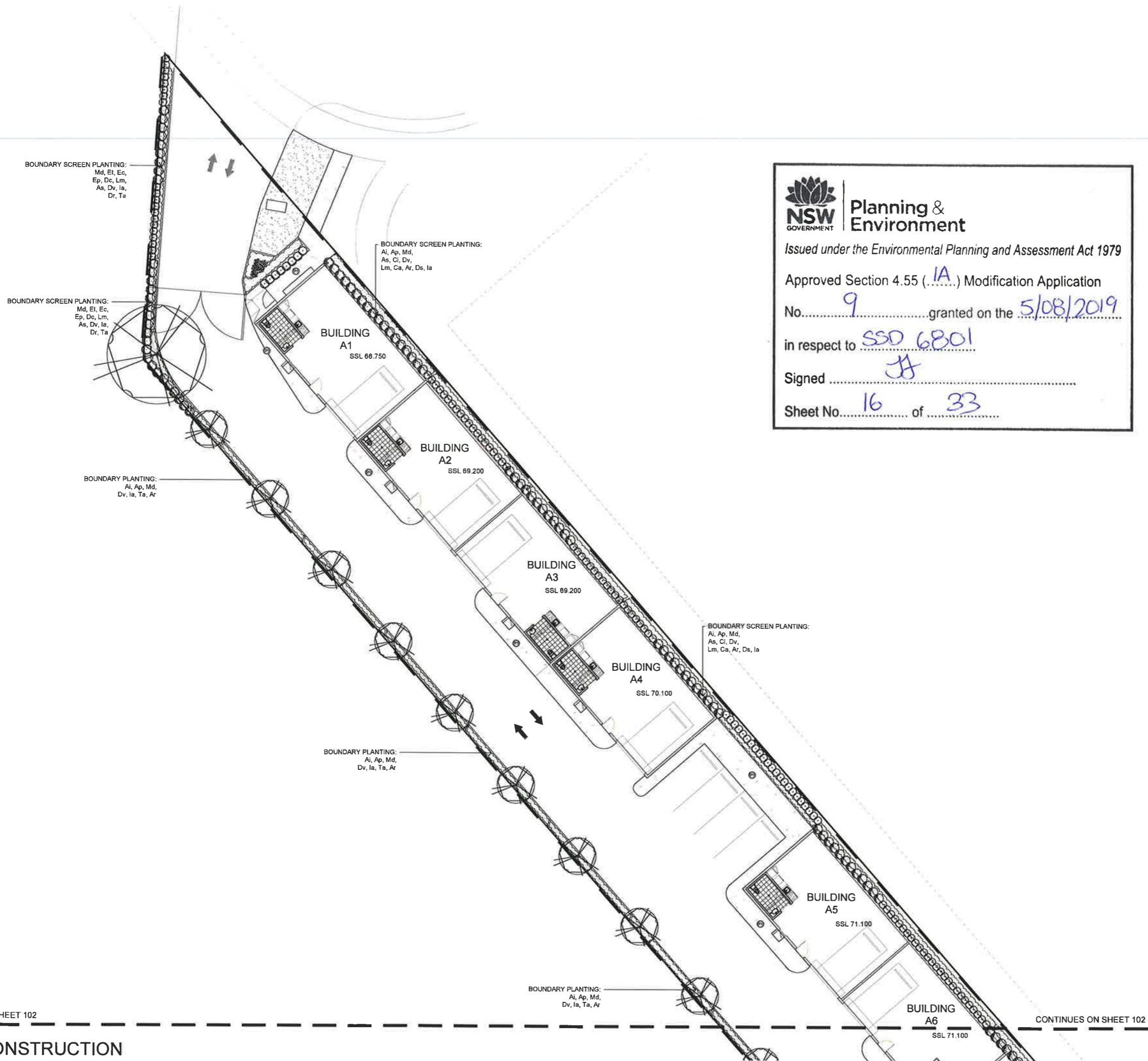
Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:
Colour Landscape Plan

Scale: NTS
Job Number: **SS17-3706**
Drawing Number: **C-100**
Issue: **E**

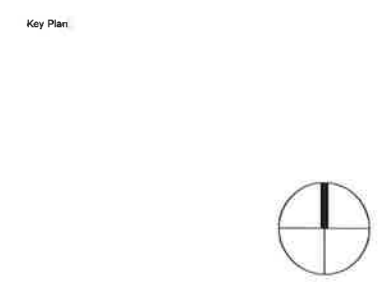
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 Sheet No. 16 of 33

Issue	Revision Description	Drawn	Check	Date
E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018

- LEGEND**
- Proposed Trees (Refer to Plant Schedule)
 - Proposed Accent & Shrubs (Refer to Plant Schedule)
 - Proposed Groundcovers (Refer to Plant Schedule)
 - Batter Planting (Refer to Plant Schedule)
 - Steel Edge (Refer to Details)
 - Insitu Concrete Path (Refer to Details)
 - Pebble Path (Refer to Details)



Client:
Hannas

Project:
Hannas Prospect Highway Greystanes
 Lot 37 Prospect Highway, Greystanes NSW

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 Landscape Architects

DEVELOPMENT APPLICATION

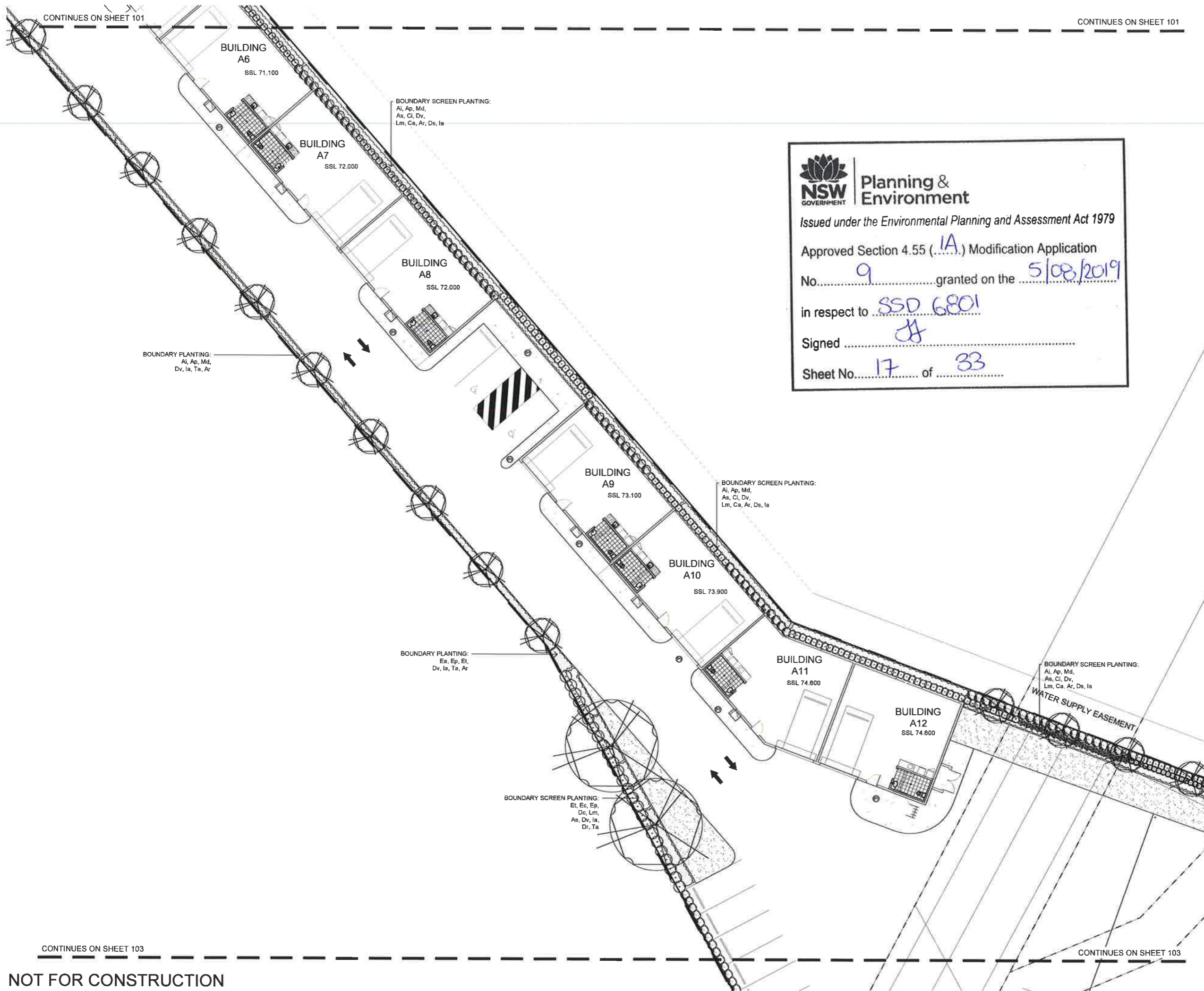
Drawing Name:
Landscape Plan 1

Scale: 1:150 @ A1
 Job Number: SS17-3706
 Drawing Number: 101
 Sheet 16 of 33

CONTINUES ON SHEET 102

CONTINUES ON SHEET 102

NOT FOR CONSTRUCTION



CONTINUES ON SHEET 101

CONTINUES ON SHEET 101

CONTINUES ON SHEET 103

CONTINUES ON SHEET 103

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No. 9 granted on the 5/08/2019

in respect to SSD 6801

Signed [Signature]

Sheet No. 17 of 33

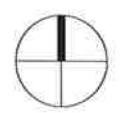
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E	Development Application	NP	RS	07/06/2019
D	Development Application	NP	RS	13/05/2018
C	Amended DA	NP	RS	11/04/2018
B	Development Application	NH	RS	07/02/2018
A	Development Application	NH	RS	05/02/2018

- LEGEND**
- Proposed Trees (Refer to Plant Schedule)
 - Proposed Accent & Shrubs (Refer to Plant Schedule)
 - Proposed Groundcovers (Refer to Plant Schedule)
 - Batter Planting (Refer to Plant Schedule)
 - Steel Edge (Refer to Details)
 - Insitu Concrete Path (Refer to Details)
 - Pebble Path (Refer to Details)

Key Plan:



Client:
Hannas

Project:
Hannas Prospect Highway Greystanes
Lot 37 Prospect Highway, Greystanes NSW

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DEVELOPMENT APPLICATION

Drawing Name:
Landscape Plan 2

Scale: 1:150 @ A1

Job Number: **SS17-3706**

Drawing Number: **102**

Issue: **E**

NOT FOR CONSTRUCTION

CONTINUES ON SHEET 102

CONTINUES ON SHEET 102

BOUNDARY SCREEN PLANTING:
Et, Ec, Ep,
Dc, Lm,
As, Dv, Ia,
Dr, Ta

BOUNDARY SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv,
Lm, Ca, Ar, Ds, Ia

BOUNDARY SCREEN PLANTING:
Md, Et, Ec,
Ep, Dc, Lm,
As, Dv, Ia,
Dr, Ta

BOUNDARY SCREEN PLANTING:
Md, Et, Ec,
Ep, Dc, Lm,
As, Dv, Ia,
Dr, Ta

WATER SUPPLY EASEMENT

SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv,
Lm, Ca, Ar, Ds, Ia

SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv,
Lm, Ca, Ar, Ds, Ia

SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv,
Lm, Ca, Ar, Ds, Ia

BUILDING B
SSL 78.000

CONTINUES ON SHEET 104








CONTINUES ON SHEET 104

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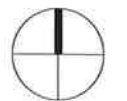
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A	Development Application	NH	RS	05/02/2016

- LEGEND**
-  Proposed Trees
(Refer to Plant Schedule)
 -  Proposed Accent & Shrubs
(Refer to Plant Schedule)
 -  Proposed Groundcovers
(Refer to Plant Schedule)
 -  Batter Planting
(Refer to Plant Schedule)
 -  Steel Edge
(Refer to Details)
 -  P1 Insitu Concrete Path
(Refer to Details)
 -  P2 Pebble Path
(Refer to Details)

Key Plan:



Client:
Hannas

Project:
Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW

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DEVELOPMENT APPLICATION

Drawing Name:
Landscape Plan 3

Scale: 1:150 @ A1
Drawing Number:
Job Number:

SS17-3706
Sheet 18 of 33
103 E



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in respect to SSD 6801

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Sheet No. 18 of 33



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Issue	Revision Description	Drawn	Check	Date

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Key Plan

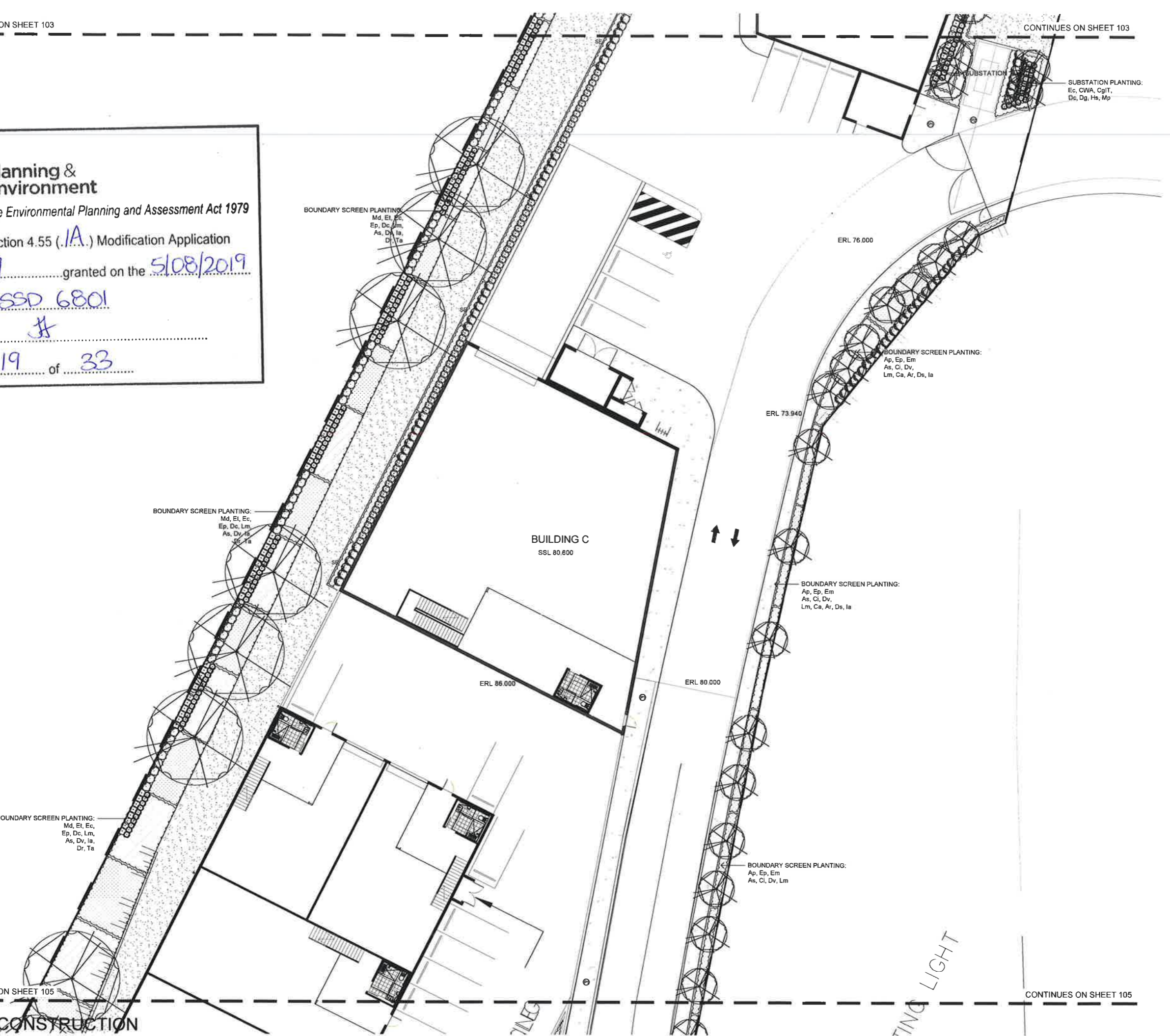
Client:
Hannas

Project:
**Hannas Prospect Highway
Greystanes**
Lot 37 Prospect Highway, Greystanes NSW

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DEVELOPMENT APPLICATION
Drawing Name:
Landscape Plan 4

Scale: 1:150 @ A1
Job Number: SS17-3706
Drawing Number: 104
Sheet of: 104 E





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Sheet No. 20 of 33

BOUNDARY SCREEN PLANTING:
Md, Et, Ec,
Ep, Dc, Lm,
As, Dv, Ia,
Dr, Ta

TRAFFIC ISLAND PLANTING:
Ec, CWA, CgIT,
Dc, Dg, Hs, Mp

BATTER PLANTING:
Ai, Ap, Md,
Et, Sg, Ea,
Ar, Ta, Ms,
Lm, Ci, Ca

BATTER PLANTING:
Ai, Ap, Md,
Et, Sg, Ea,
Ar, Ta, Ms,
Lm, Ci, Ca

BOUNDARY SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv, Lm

BOUNDARY SCREEN PLANTING:
Ap, Ep, Em
As, Ci, Dv, Lm

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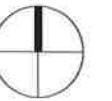
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A	Development Application	NH	RS	05.02.2018

LEGEND

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(Refer to Plant Schedule)
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(Refer to Plant Schedule)
- Steel Edge
(Refer to Details)
- Insitu Concrete Path
(Refer to Details)
- Pebble Path
(Refer to Details)

Key Plan:



Client:
Hannas

Project:
**Hannas Prospect Highway
Greystanes**
Lot 37 Prospect Highway, Greystanes NSW

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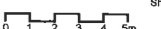


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DEVELOPMENT APPLICATION

Drawing Name:
Landscape Plan 5

Scale: 1:150 @ A1

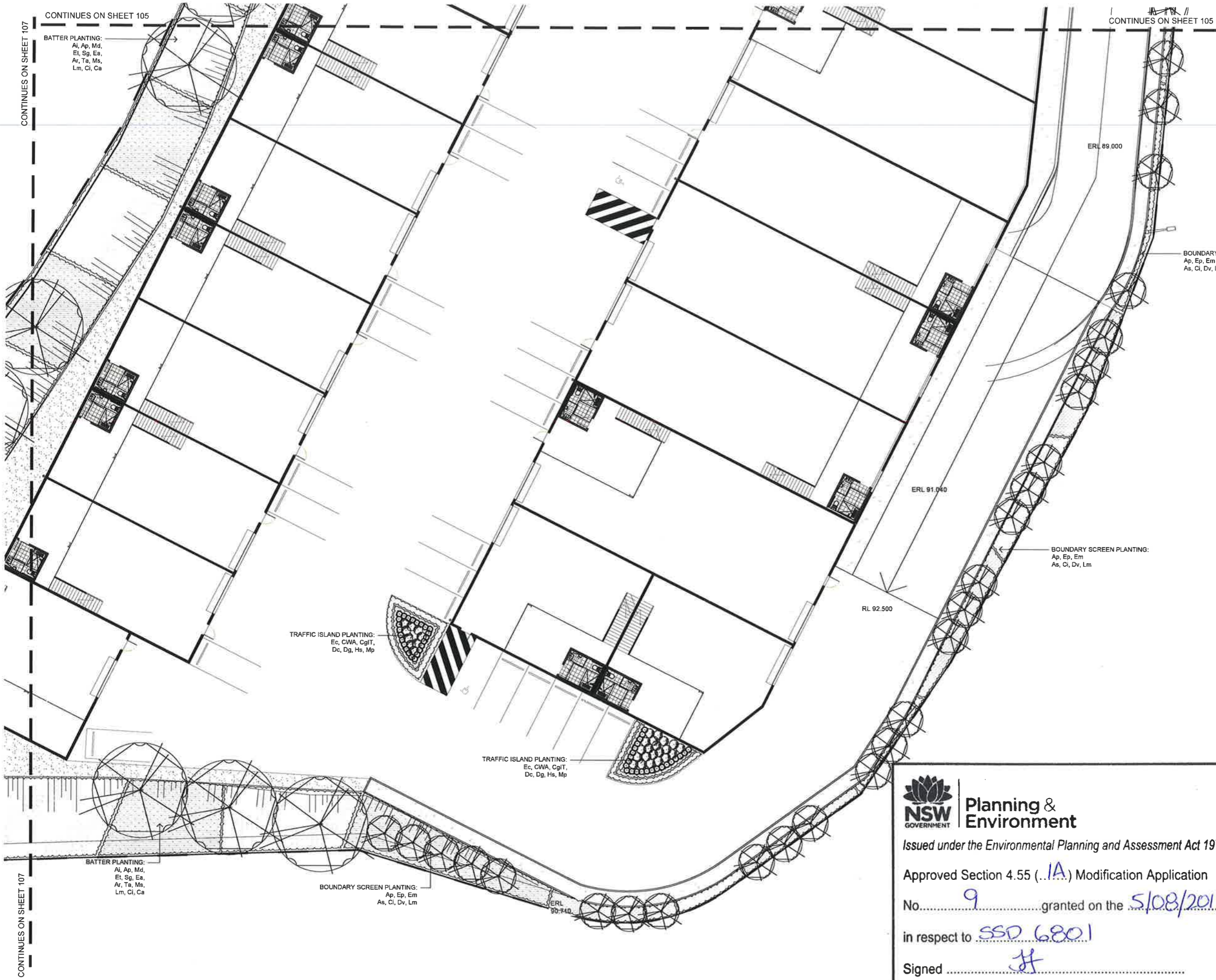


Job Number: **SS17-3706** Drawing Number: **105** Issue: **E**

SS17-3706

105 E

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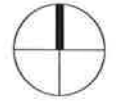
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Key Plan:



Client:
Hannas

Project:
**Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW**

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Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:
Landscape Plan 6

Scale: 1:150 @ A1
Job Number: SS17-3706
Drawing Number:
Issue:
Sheet _ of _
106 E

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Sheet No. 21 of 33

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A	Development Application	NH	RS	05.02.2018

LEGEND

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Key Plan:

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Project:
**Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW**

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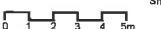


Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:
Landscape Plan 7

Scale: 1:150 @ A1



Job Number: SS17-3706

Drawing Number: 107

Sheet _of_

E

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**SPECIFICATION
GENERAL NOTES**

References

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedules on the drawings. If in doubt about any detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and qualified landscape contractor who is experienced in horticultural practices, landscape construction and planting techniques. The landscape contractor shall hold a current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other states.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance with the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards.

Garden Walls, Fences, Steps, TGS1 and Edging

Construct garden walls, fences, steps, TGS1 and edging as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with standards and applicable legislation. Refer to engineer's details for structural retaining walls, heavy duty slabs, concrete stairs, concrete strength, reinforcing and joint placement.

Continuous, Unit and Loose Pavement

Install the scheduled material pavement to the locations shown on plan. Ensure that all subgrade/subsurface works are complete prior to commencing paving. Confer with the engineer to ensure the structural integrity of the subgrade. Ensure that the base course under paved surfaces is a continuous plane offering a constant depth of bedding material not exceeding 50mm.

SOFTWORKS

Topsoil

Import topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:

- Finished to design levels, allowing for mulch or turf, which is to finish flush with adjoining hard surfaces such as paths and edges;
- Smooth and free from inorganic matter, stones or clods of soil;
- Graded to drain freely, without ponding, to catchment and/or sub-soil drains;
- Graded evenly to adjoining surfaces; and
- Ready for planting.

Compost

Provide, in accordance with AS 4454, well rotted vegetative material or animal manure, free from harmful chemicals, inorganic matter, grass, weeds and the reproductive parts of unwanted plants.

Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed containers marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses, application rates and safety procedures. Apply appropriate fertiliser suited to the provenance of plants (indigenous or exotic) included in the design.

Plants

Supply plants in accordance with the landscape design drawings and schedules, which have the following characteristics:

- Large healthy root systems, with no evidence of root curl, restriction or damage;
- Vigorous, well established, free from disease and pests, of good form consistent with the species/variety;
- Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site in full sun, partial shade or full shade conditions;
- Grown in final containers for not less than twelve weeks;
- Trees, unless required to be multi-stemmed, shall have a single leading shoot; and
- Containers shall be free from weeds and of appropriate size in relation to the specified plant size.

Plant Installation

Following excavation of the planting hole, place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that the backfill soil is not placed over the top of the root ball and that the root ball is not higher than the soil in which it is planted. Apply fertiliser, as specified around the plants in the soil at the time of planting.

Root Barrier

Supply and install root control barriers to all new tree plantings adjacent to walls, paths, kerbs and all service trenches, where their proximity poses a threat to the stability of the built infrastructure. Install in accordance with manufacturer's recommendations.

Mulch

Unless noted otherwise, mulch shall be approved proprietary recycled wood fibre or pine bark material. Place mulch in all garden beds to a depth of 75mm after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even plane, flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified depth.

Stakes and Ties

Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes:

- Plants (>25 lt): 1 off 38 x 38 x 1200mm;
- Semi-advanced plants (>75 lt): 2 off 50x50x1800mm;
- Advanced (>100 lt): 3 off 50 x 50 x 2400mm.

IRRIGATION

All proposed landscape areas shall be irrigated.

The irrigation system shall be an automatic permanent system, with an irrigation controller self operated via a soil moisture sensor. The system shall be calibrated to deliver the optimum rate and volume of water appropriate to the type of plants in the design. The system shall be adjustable and fully serviceable. The layout of the entire irrigation system shall focus on delivering the required amount of water to maintain healthy and vigorous growth. The irrigation system shall be such that, component theft, vandalism, over-spray and wetting of paths shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray emitters.

Generally do not use fine mist emitters that provide a drifting mist that may wet paths and the buildings unless specifically required by the design.

LANDSCAPE MAINTENANCE

The Landscape Contractor shall rectify defects during installation and that become apparent in the works under normal use for the duration of the contract Defects Liability Period. Unless contracted otherwise, the Landscape Contractor shall maintain the contract areas by the implementation of industry accepted horticultural practices for 52 weeks from Practical Completion of the works. The landscape maintenance works shall include, but not be limited to:

- Replacing failed plants;
- Pruning;
- Insect and pest control;
- Fertilising;
- Maintaining and removing stakes and ties;
- Maintaining mulch;
- Mowing and top dressing;
- Irrigation and watering;
- Erosion control; and
- Weeding and rubbish removal.

Maintenance Log Book

Implement and keep a maintenance log book recording when and what maintenance work has been undertaken and what materials, actions and decisions have been used, implemented and concluded to keep the landscape always looking its best. Enter data daily and review information every 2 weeks. Observe trends and develop a maintenance regime around seasonal and observed event occurrences.

Maintenance Activities

During the defects maintenance period schedule the following activities to occur on a timely basis.

- **Plant replacement** - Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and quality and identical species or variety to the plant that has failed. Replacement of plants shall be at the cost of the landscape contractor unless advised otherwise. If the cause of the failure is due to a controllable situation then correct the situation prior to replacing plants. Observe and replace failed plants within 2 weeks of observation.
- **Pruning** - Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the shape and form expected of the plant type. Observe daily and prune plants on a needs basis.
- **Insect, disease and pest control** - Avoid spraying:
 - if ever possible;
 - in wet weather or if wet weather is imminent;
 - if target plants are still wet after rain;
 - in windy weather; and
 - if non-target species are too close.
 Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers' recommendations. Observe daily and act as necessary to control any infestation or disease. Record in the logbook all relevant details of spraying activities including:
 - Product brand / manufacturer's name,
 - Chemical / product name,
 - Chemical contents,
 - Application quantity and rate,
 - Date of application and location,
 - Results of application, and
 - Use approval authority.

- **Fertilising** - Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Apply 6-12 monthly. Record in the logbook all relevant details of fertilising including:
 - Product brand / manufacturer's name,
 - Fertiliser / product name,
 - Application quantity and rate, and
 - Date of application and location.

- **Stakes and ties** - Adjust and replace as required to ensure plants remain correctly staked. Remove those not required at the end of the planting establishment period (Defects Liability Period). Inspect and act at least every 2 weeks.

- **Maintaining mulch** - Maintain the surface in a clean, tidy and weed free condition and reinstate the mulch as necessary to ensure correct depth as specified. Observe weekly and replenish mulch as required.

- **Mowing and top dressing** - Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than one third of the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a maximum of 10mm to fill depressions and hollows in the surface. Mow weekly/fortnightly in warmer months. Mow monthly or as required in cooler months. Top dress at approximately 6 monthly intervals.

- **Irrigation and watering** - Maintain the irrigation system to sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth. Adjust and calibrate as required. Provide additional watering, if necessary but inspect irrigation weekly and make repairs as necessary.

- **Erosion control** - Where necessary, maintain the erosion control fabric in a tidy and weed free condition and reinstate as necessary to ensure control measures are effective where deemed necessary. Inspect every 2 weeks and act to repair any damage as soon as possible.

- **Weeding and rubbish removal** - During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever possible, time weed removal to precede flowering and seed set. Constant observation and removal of weeds is essential.

SS17-3706 Lot 37 Prospect Highway, Greystanes

Plant Schedule

SYMBOL	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	SPACING	POT SIZE
TREES					
Al	<i>Acacia implexa</i>	Lightwood	12 x 5	As Shown	75L
Ap	<i>Acacia parramattensis</i>	Parramatta Wattle	10 x 5	As Shown	75L
Ea	<i>Eucalyptus crebra</i>	Ironbark	30 x 20	As Shown	75L
Em	<i>Eucalyptus moluccana</i>	Grey Box	25 x 8	As Shown	75L
Ep	<i>Eucalyptus punctata</i>	Grey Gum	22 x 8	As Shown	75L
Et	<i>Eucalyptus teretecornis</i>	Forest Red Gum	30 x 10	As Shown	75L
Ec	<i>Exocarpus cupressiformis</i>	Native Cherry	6 x 5	As Shown	75L
Md	<i>Melaleuca decora</i>	White feather Honey Myrtle	7 x 5	As Shown	75L
Sg	<i>Syncarpia glomulifera</i>	Turpentine	25 x 8	As Shown	75L

Shrubs & Accents

As	<i>Acmena smithii</i>	Lilly Pilly	15 x 5	As Shown	300mm
Bs	<i>Bursaria spinosa</i>	Blackthorn	2.5 x 2	As Shown	300mm
Ds	<i>Dillwynia sieberi</i>	Matted Bush-pea	1.5 x 2	As Shown	300mm
Dv	<i>Dodonaea viscosa</i>	Sticky Hop Bush	2 x 2	As Shown	300mm
Ia	<i>Indigofera australis</i>	Austral Indigo	2 x 2	As Shown	300mm

GRASSES & GROUND COVER PLANTING


Aa	<i>Ajuga australis</i>	Australian bugle	0.15 x spreading	5 per m ²	150
Ar	<i>Aristida ramosa</i>	Purple wiregrass	1 x .75	5 per m ²	150
Ci	<i>Carex inversa</i>	Knob Sedge	1 x 0.5	5 per m ²	150
Ca	<i>Centella asiatica</i>	Asiatic Pennywort	0.2 x 1.5	5 per m ²	150
Dc	<i>Dianella longifolia</i>	Blue Flax Lily	.75 x .75	5 per m ²	150
Dr	<i>Dichondra repens</i>	Kidney Weed	0.5 x spreading	5 per m ²	150
Lm	<i>Lomandra multiflora</i>	Mat Rush	.75 x 1	5 per m ²	150
Ms	<i>Microlaena stipoides</i>	Griffin Weeping Grass	0.3 x 1	5 per m ²	150
Ta	<i>Themeda australis</i>	Kangaroo Grass	0.2 x 2	5 per m ²	150

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

Issue	Revision Description	Drawn	Check	Date
E	Development Application	NP	RS	07.06.2018
D	Development Application	NP	RS	13.05.2018
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018

LEGEND



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Approved Section 4.55 (.1A.) Modification Application

No. 9 granted on the 5/08/2019

in respect to SSD 6801

Signed JH

Sheet No. 23 of 33

Key Plan:



Client:
Hannas

Project:
Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW

SITE IMAGE

Level 1, 3-5 Bapial Street
Redfern NSW 2016
Australia

Tel: (61 2) 8332 5600
Fax: (61 2) 9558 2877
www.siteimage.com.au

Site Image (NSW) Pty Ltd
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Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:
Landscape Specifications &
Planting Schedule

Scale: 1:150 @ A1

Job Number:

SS17-3706

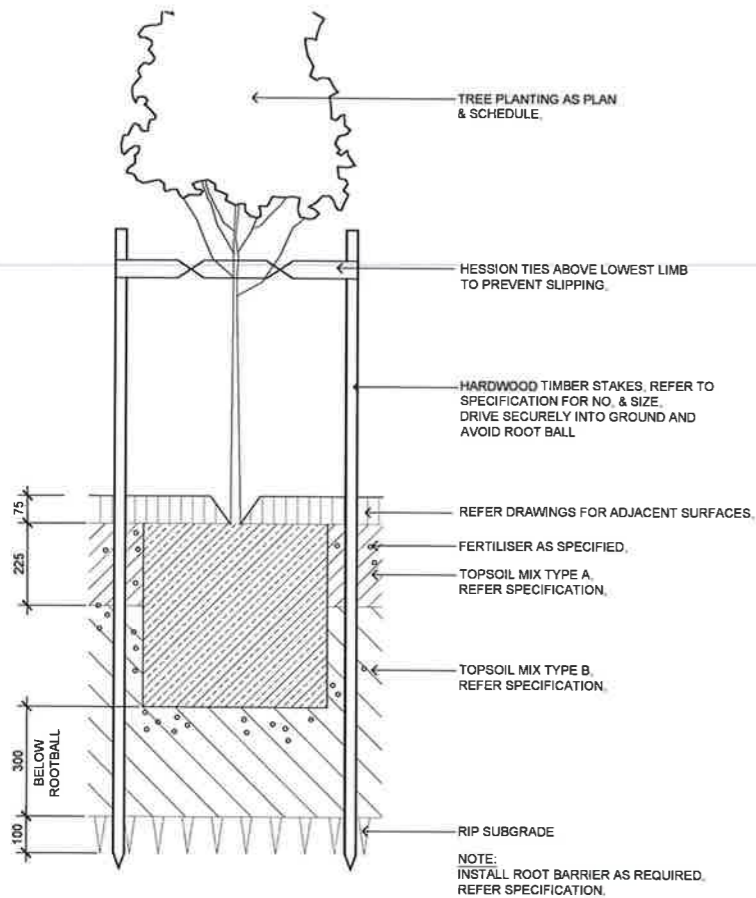
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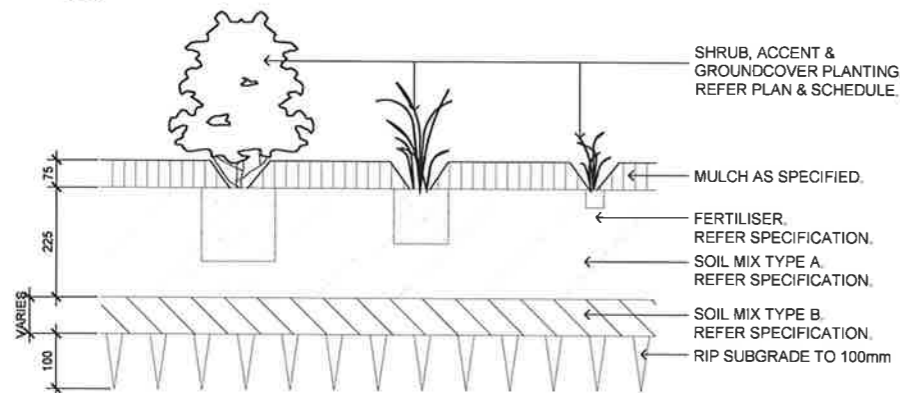
Issue:

500 E

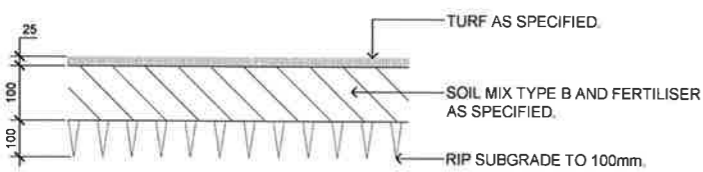
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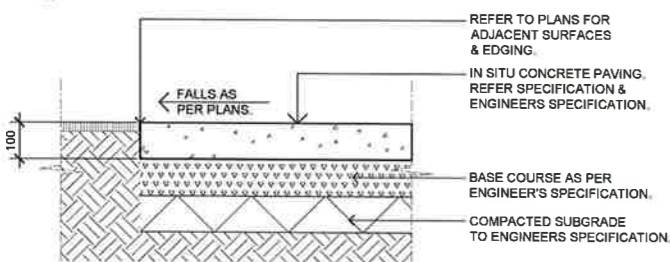
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501 SCALE 1:10



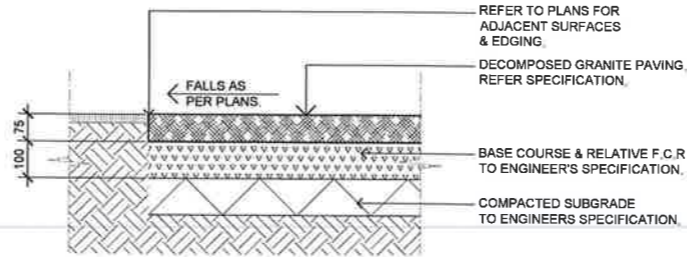
02 SHRUB, ACCENT & GROUNDCOVER PLANTING ON GRADE
501 SCALE 1:10



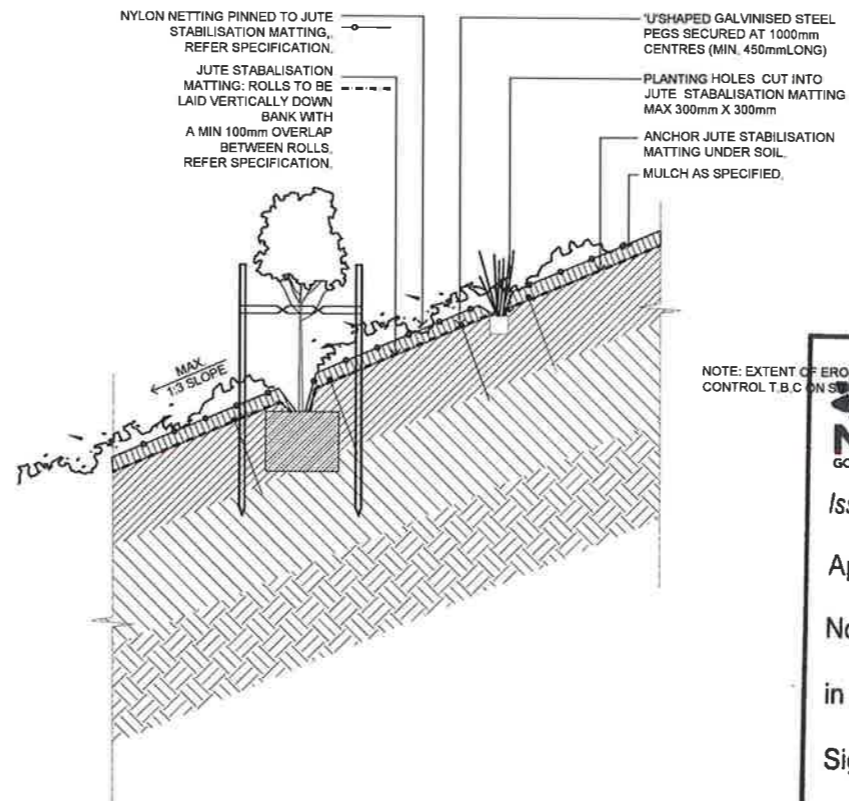
03 TURF ON EVEN GRADE
501 SCALE 1:10



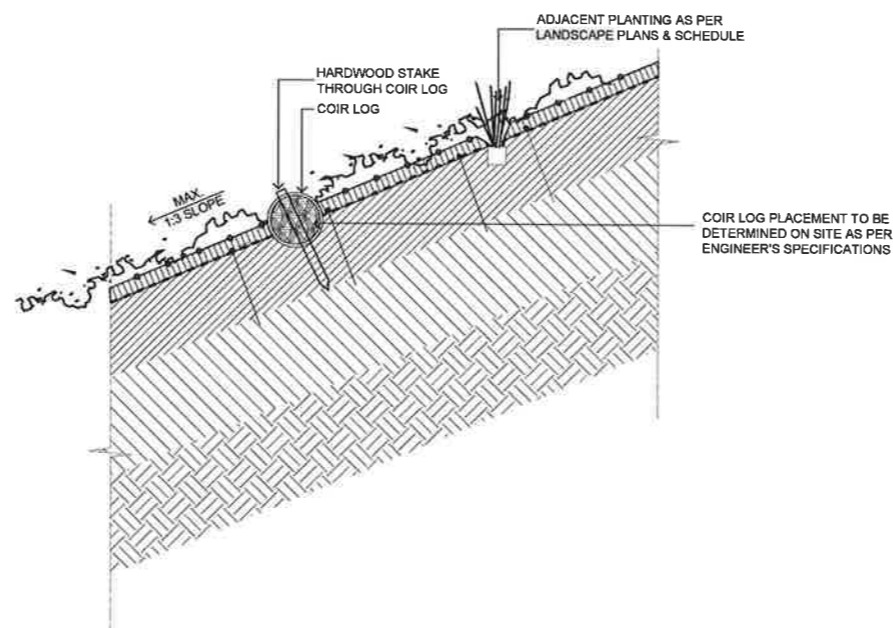
04 INSITU CONCRETE PAVING
501 SCALE 1:10



05 DECOMPOSED GRANITE PAVING ON GRADE
501 SCALE 1:10



06 TYPICAL EMBANKMENT PLANTING DETAIL
501 SCALE 1:20



07 TYPICAL EMBANKMENT COIR LOG STABILISATION
501 SCALE 1:20

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

Issue	Revision Description	Drawn	Check	Date
E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2018
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018

LEGEND

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No. 9 granted on the 5/08/2019

in respect to SSD 6801

Signed [Signature]

Sheet No. 24 of 33

Key Plan:

Client:
Hannas

Project:
Hannas Prospect Highway
Greystanes
Lot 37 Prospect Highway, Greystanes NSW

SITE IMAGE
Level 1, 3-5 Bapillet Street
Redfern NSW 2016
Australia
Tel: (61 2) 8332 5600
Fax: (61 2) 9698 2877
www.siteimage.com.au
Site Image (NSW) Pty Ltd
ABN 44 601 262 380
Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:
Landscape Details

Scale: 1:150 @ A1
Job Number:
Drawing Number:
Issue:



SS17-3706

501 E



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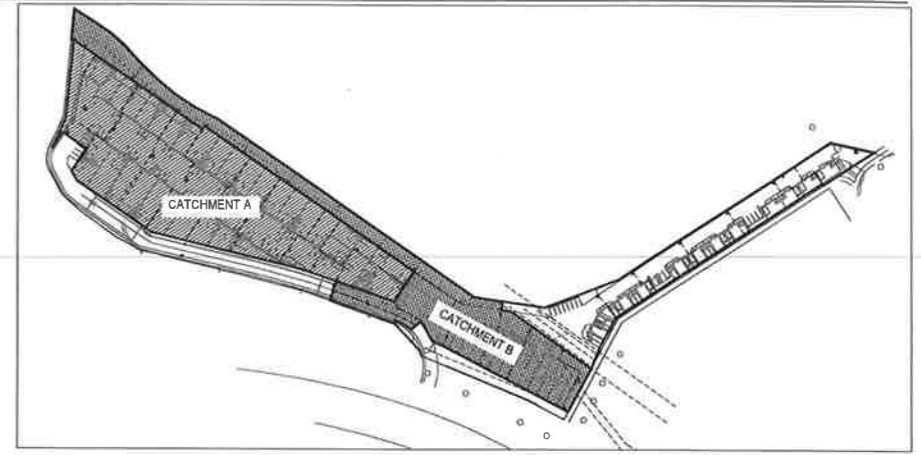
Approved Section 4.55 (.1A.) Modification Application

No. 9 granted on the 5/08/2019

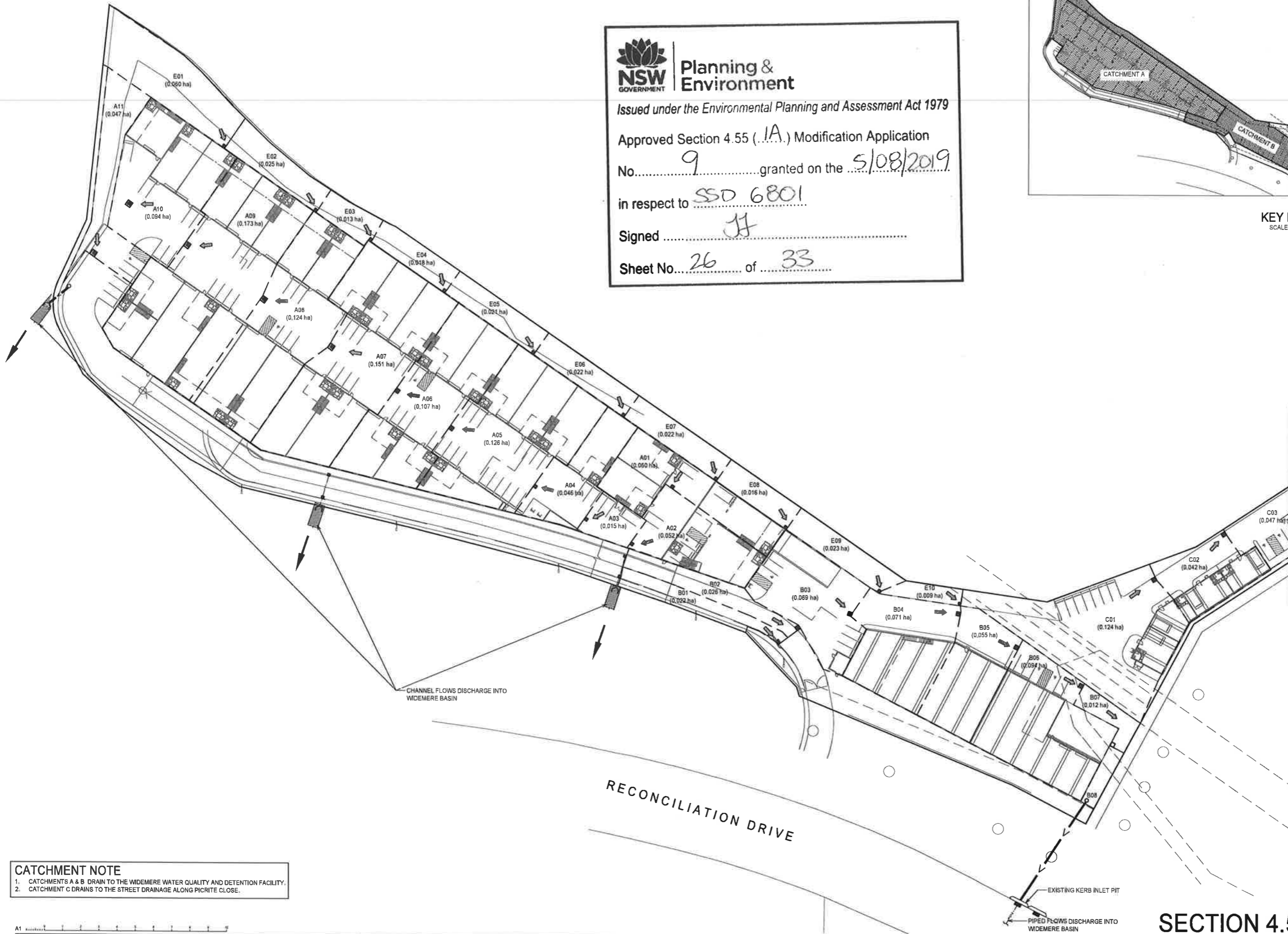
in respect to SSD 6801

Signed JH

Sheet No. 26 of 33



KEY PLAN
SCALE 1:2000



REFER DWG. C302

CATCHMENT NOTE
 1. CATCHMENTS A & B DRAIN TO THE WIDEMERE WATER QUALITY AND DETENTION FACILITY.
 2. CATCHMENT C DRAINS TO THE STREET DRAINAGE ALONG PICRITE CLOSE.

LEGEND	
	SITE BOUNDARY
	SUBCATCHMENT
A01 (0.02 ha)	PIT NUMBER (AREA IN HECTARE)
	FLOW DIRECTION
	PROPOSED PITS

SECTION 4.55 APPLICATION

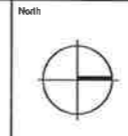
A1

Architect	NETTLETON TRIBE PARTNERSHIP PTY LTD 117 VILLOUGHBY ROAD, CROWS NEST, NSW 2085
Client	EQ PROJECTS LEVEL 8, 43 BRIDGE STREET HURSTVILLE NSW 2220
Issue	A ISSUE FOR SECTION 4.55 APPLICATION
Rev	Description
LN	LN_AD 20.06.2019
Eng	Draft
Date	

Architect	NETTLETON TRIBE PARTNERSHIP PTY LTD 117 VILLOUGHBY ROAD, CROWS NEST, NSW 2085
Client	EQ PROJECTS LEVEL 8, 43 BRIDGE STREET HURSTVILLE NSW 2220

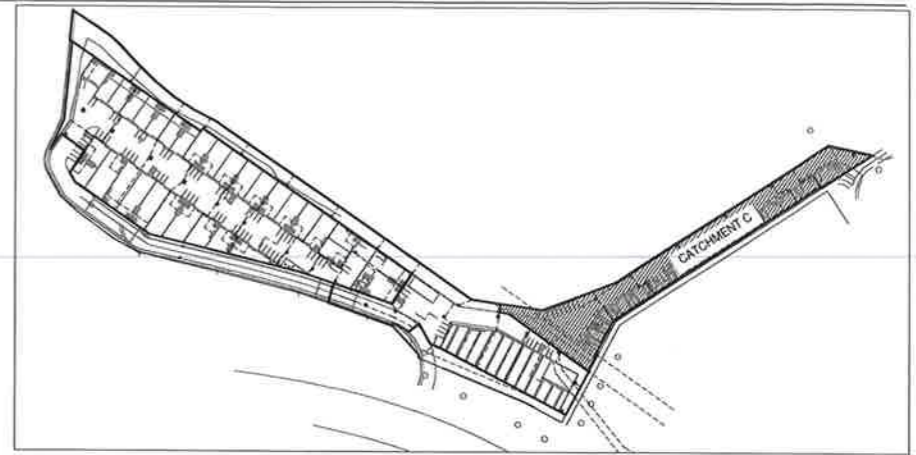


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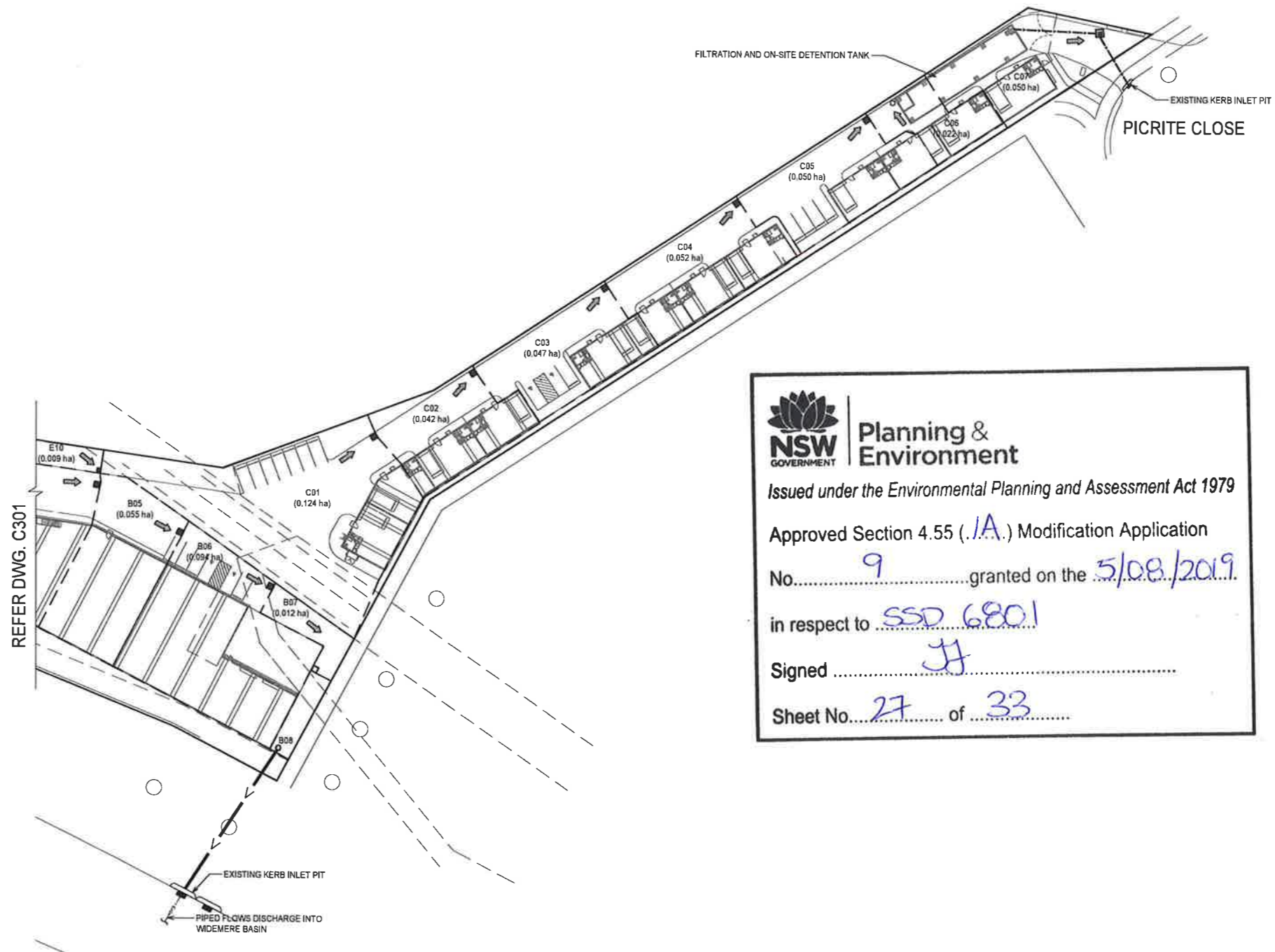



Project	BLUESTONE INDUSTRIAL ESTATE 20 PICRITE CLOSE, PEMULWUY NSW 2145
Sheet Subject	STORMWATER CATCHMENTS A AND B PLAN
Scale of A1	1:500
Drawn	LN, AD
Approved	ER
Job No	190307
Drawing No	C301
Revision	A

Scale of A1	1:500
Drawn	LN, AD
Approved	ER
Job No	190307
Drawing No	C301
Revision	A








KEY PLAN
SCALE 1:2000




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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
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 Sheet No. 27 of 33

CATCHMENT NOTE
 1. CATCHMENTS A & B DRAIN TO THE WIDEMERE WATER QUALITY AND DETENTION FACILITY.
 2. CATCHMENT C DRAINS TO THE STREET DRAINAGE ALONG PICRITE CLOSE.

LEGEND

	SITE BOUNDARY
	SUBCATCHMENT
	PIT NUMBER (AREA IN HECTARE)
	FLOW DIRECTION
	PROPOSED PITS

SECTION 4.55 APPLICATION

A1  A ISSUE FOR SECTION 4.55 APPLICATION LN LN, AD 20 06 2019 Rev Description Eng Draft Date	Architect NETTLETON TRIBE PARTNERSHIP PTY LTD 117 WILLOUGHBY ROAD, CROWS NEST, NSW 2065	Client EQ PROJECTS LEVEL 8, 43 BRIDGE STREET HURSTVILLE NSW 2220	 XAVIER KNIGHT T : 02 8810 5500 E : info@xavierknight.com.au A. Level 2, 260 Phillip Street, Parramatta NSW 2150 xavierknight.com.au <small>This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.</small>	North 	Project BLUESTONE INDUSTRIAL ESTATE 20 PICRITE CLOSE, PEMULWUY NSW 2145	Scale at A1 1:500	Drawn LN, AD	Approved ER
	Job No 190307	Drawing No C302			Revision A			

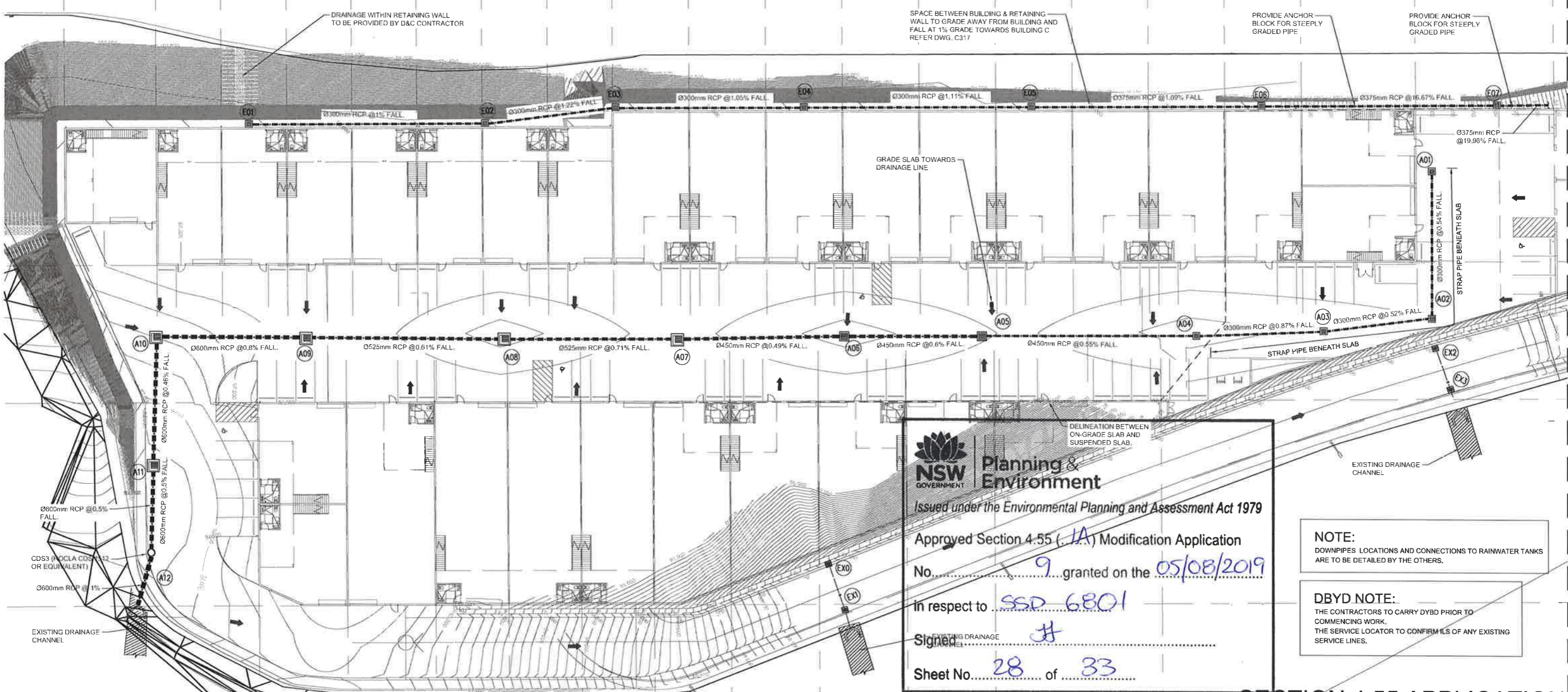
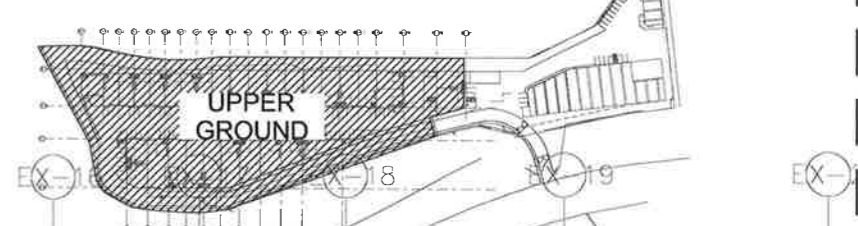
LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER LINE
- ⊙ A02 PIT NAME
- ⌒ HEADWALL
- ▭ GRATED SURFACE INLET PIT
- ➔ FLOW DIRECTION
- EXISTING STORMWATER LINE

PIT SCHEDULE

PIT ID	PIT TYPE ID	COVER LEVEL (mAHD)	UPSTREAM I/L (mAHD)	PIPE LENGTH (m)	DOWNSTREAM I/L (mAHD)	GRADE (%)	DEPTH TO INVERT (m)	OUTGOING PIPE DIA (mm)	INTERNAL PIT SIZE (mm)
A01	SDP	92.45	91.85	18.50	91.75	0.54	0.60	300	600x600
A02	SDP	92.45	91.70	13.55	91.63	0.52	0.75	300	600x600
A03	SDP	92.45	91.58	15.85	91.50	0.50	0.87	300	600x600
A04	SDP	92.25	91.45	27.15	91.30	0.55	0.80	450	600x600
A05	SDP	92.45	91.25	16.80	91.15	0.60	1.20	450	900x900
A06	SDP	92.25	91.10	20.50	91.00	0.49	1.15	450	900x900
A07	SDP	92.45	90.95	21.00	90.80	0.71	1.50	525	1200x1200
A08	SDP	92.25	90.75	24.52	90.60	0.61	1.50	525	1200x1200
A09	SDP	92.45	90.55	18.80	90.40	0.80	1.90	600	1200x1200
A10	SDP	92.20	90.35	15.15	90.28	0.46	1.85	600	1200x1200
A11	SDP	92.00	90.23	10.05	90.18	0.50	1.77	600	1200x1200
A12	SPECIAL	92.00	90.13	5.00	90.08	1.00	1.87	600	ROCLA CDS 1512 OR APPROVED EQUIVALENT
E01	SDP	92.12	91.52	30.00	91.25	0.90	0.60	300	600x600
E02	SDP	91.80	91.20	16.40	91.02	1.10	0.60	300	600x600
E03	SDP	91.57	90.97	23.80	90.82	0.63	0.60	300	600x600
E04	SDP	91.37	90.77	28.95	90.50	0.93	0.60	300	600x600
E05	SDP	91.07	90.47	29.40	90.20	0.92	0.60	300	600x600
E06	SDP	90.77	90.17	30.00	89.95	1.74	0.60	375	600x600
E07	SDP	85.50	84.90	22.30	80.45	19.96	0.60	375	600x600

SITE PLAN
SCALE 1:2000



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No. 9 granted on the 05/08/2019

In respect to SSD 6801

Signed JH

Sheet No. 28 of 33

NOTE:
DOWNPIPES LOCATIONS AND CONNECTIONS TO RAINWATER TANKS ARE TO BE DETAILED BY THE OTHERS.

DBYD NOTE:
THE CONTRACTORS TO CARRY DBYD PRIOR TO COMMENCING WORK.
THE SERVICE LOCATOR TO CONFIRM ILS OF ANY EXISTING SERVICE LINES.

SECTION 4.55 APPLICATION

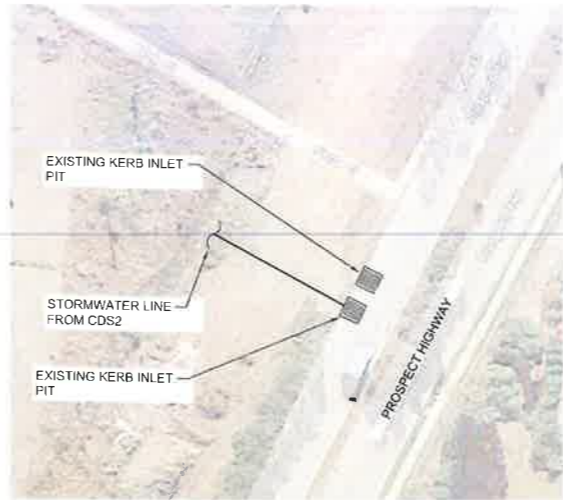
LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER LINE
- ⊙ PIT NAME
- ▭ GRATED SURFACE INLET PIT
- ➔ FLOW DIRECTION
- - - EXISTING STORMWATER LINE

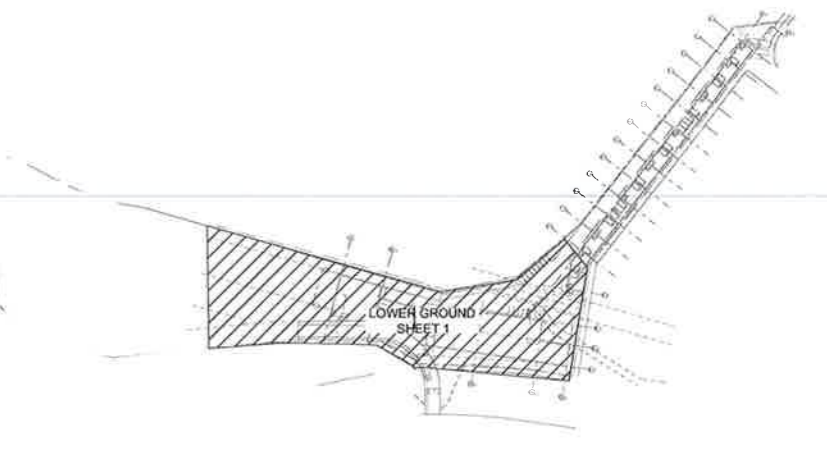
NOTE:
DOWNPIPES LOCATIONS AND CONNECTIONS TO RAINWATER TANKS ARE TO BE DETAILED BY OTHERS.

DBYD NOTE:
THE CONTRACTORS TO CARRY DYBD PRIOR TO COMMENCING WORK. THE SERVICE LOCATOR TO CONFIRM ILS OF ANY EXISTING SERVICE LINES WITHIN THE SITE.

PIT SCHEDULE									
PIT ID	PIT TYPE ID	COVER LEVEL (mAHD)	UPSTREAM I/L (mAHD)	PIPE LENGTH (m)	DOWNSTREAM I/L (mAHD)	GRADE (%)	DEPTH TO INVERT (m)	OUTGOING PIPE DIA (mm)	INTERNAL PIT SIZE (mm)
E08	SDP	81.00	80.40	30.00	77.45	9.83	0.60	375	600x600
E09	SDP	78.00	77.40	23.33	76.75	2.79	0.60	375	600x600
E10	SDP	77.30	76.70	2.10	76.55	7.14	0.60	375	600x600
B01	SDP	79.85	78.85	15.95	78.05	5.02	1.00	300	900x900
B02	SDP	79.10	78.00	26.34	77.15	3.23	1.10	300	900x900
B03	SDP	78.20	77.10	29.00	76.10	3.45	1.10	375	900x900
B04	SDP	77.15	76.05	17.70	75.04	5.71	1.10	525	900x900
B05	SDP	76.10	75.00	19.80	74.15	4.29	1.10	525	900x900
B06	SDP	75.20	74.10	17.55	73.45	3.70	1.10	525	900x900
B07	SDP	74.50	73.40	15.85	73.20	1.26	1.10	525	900x900
B08	SPECIAL	74.00	73.00	20.00	72.80	1.00	1.00	525	ROCLA CDS 1512 OR APPROVED EQUIVALENT



CONNECTION POINT
NOT TO SCALE

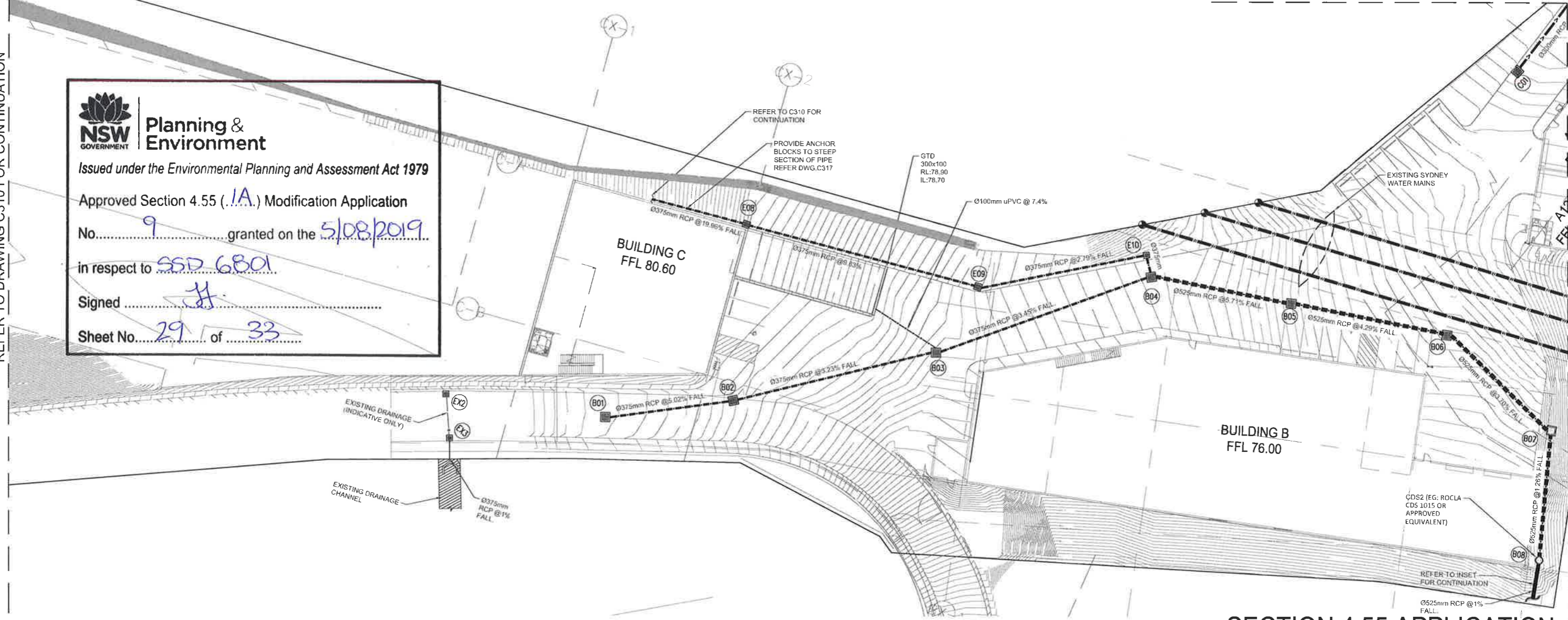


SITE PLAN
SCALE 1:2000

REFER TO DRAWING C312 FOR CONTINUATION

REFER TO DRAWING C310 FOR CONTINUATION

NSW GOVERNMENT Planning & Environment
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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
 Signed H.
 Sheet No. 29 of 33



SECTION 4.55 APPLICATION

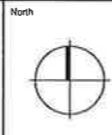
Rev	Description	Eng	Draft	Date
B	ISSUE FOR SECTION 4.55	LN	LN, AD	13.06.2019
A	ISSUE FOR SECTION 4.55	LN	LN, AD	12.06.2019

Architect
NETTLETON TRIBE PARTNERSHIP PTY LTD
117 WILLOUGHBY ROAD, CROWS NEST, NSW 2065

Client
EQ PROJECTS
LEVEL 6, 43 BRIDGE STREET
HURSTVILLE NSW 2229



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 A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
 xavierknight.com.au
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Project
BLUESTONE INDUSTRIAL ESTATE
20 PICRITE CLOSE, PEMULWUY NSW 2145

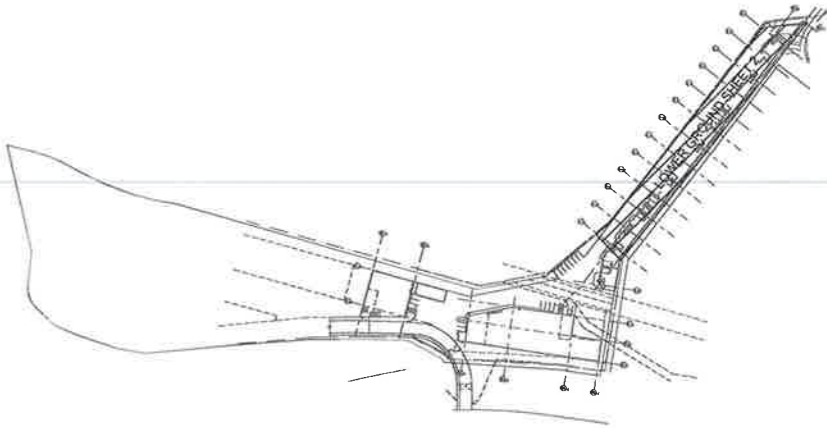
Sheet Subject
STORMWATER MANAGEMENT PLAN
LOWER GROUND - SHEET 1

Scale at A1	Drawn	Approved
1:250	LN, AD	ER
Job No	Drawing No	Revision
190307	C311	B

LEGEND

- SITE BOUNDARY
- >—> PROPOSED STORMWATER LINE
- (A02) PIT NAME
- EXISTING PIT
- ▣ GRATED SURFACE INLET PIT

PIT SCHEDULE									
PIT ID	PIT TYPE ID	COVER LEVEL (mAHD)	UPSTREAM IL (mAHD)	PIPE LENGTH (m)	DOWNSTREAM IL (mAHD)	GRADE(%)	DEPTH TO INVERT (m)	OUTGOING PIPE DIA (mm)	INTERNAL PIT SIZE (mm)
C01	SDP	74.00	72.90	21.80	72.05	3.90	1.10	300	900x900
C02	SDP	73.10	72.00	29.90	70.80	4.01	1.10	300	900x900
C03	SDP	71.85	70.75	29.60	69.70	3.55	1.10	375	900x900
C04	SDP	70.75	69.65	29.35	68.45	4.09	1.10	375	900x900
C05	SDP	69.50	68.40	5.20	68.10	5.77	1.10	375	900x900
C06	SPECIAL	69.15	68.05	3.00	68.02	1.00	1.10	375	CDS UNIT
OSD	SPECIAL	68.50	67.08	16.50	67.00	0.48	1.42	375	OSD TANK
C07	SDP	67.85	66.95	15.00	66.87	0.53	0.90	375	900x900

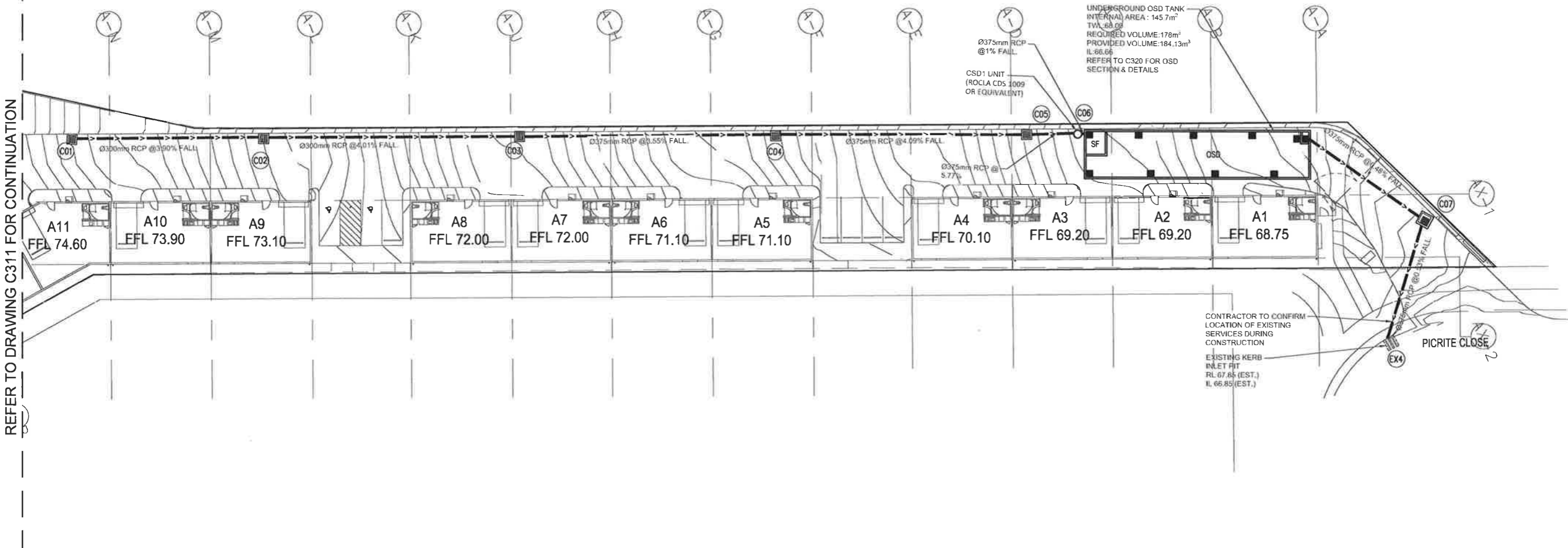


SITE PLAN
SCALE 1:2000

DBYD NOTE:
THE CONTRACTORS TO CARRY DYBD PRIOR TO COMMENCING WORK.
THE SERVICE LOCATOR TO CONFIRM ILS OF ANY EXISTING SERVICE LINES AROUND THE LEGAL DISCHARGE POINT

NOTE:
DOWNPIPES' LOCATIONS AND CONNECTIONS TO RAINWATER TANKS ARE TO BE DETAILED BY THE OTHERS.

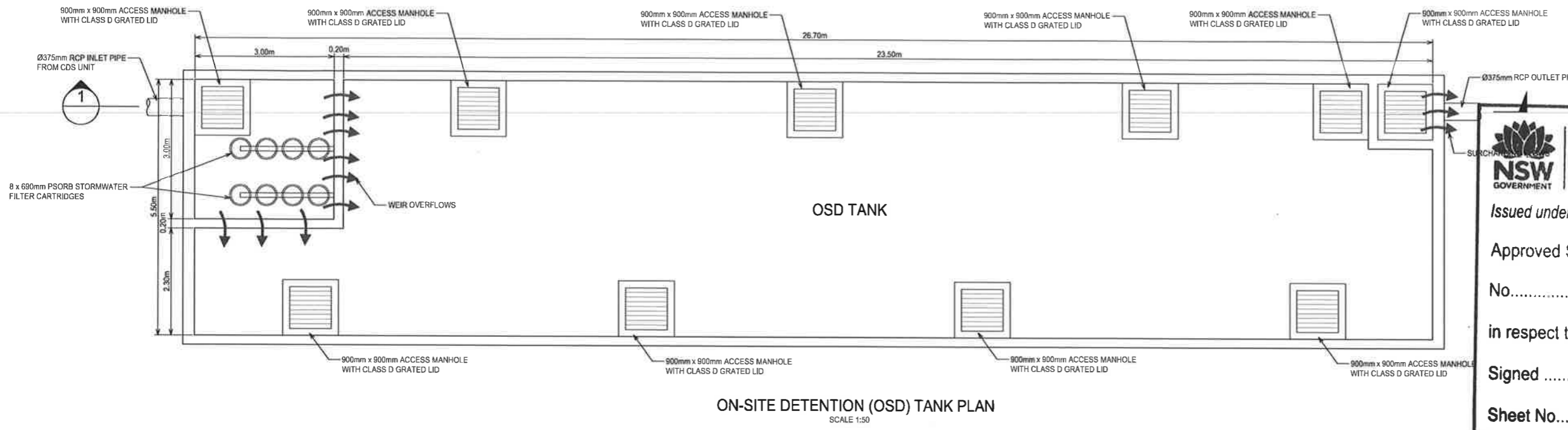
NSW GOVERNMENT | **Planning & Environment**
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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
 Signed JH
 Sheet No. 30 of 33



REFER TO DRAWING C311 FOR CONTINUATION

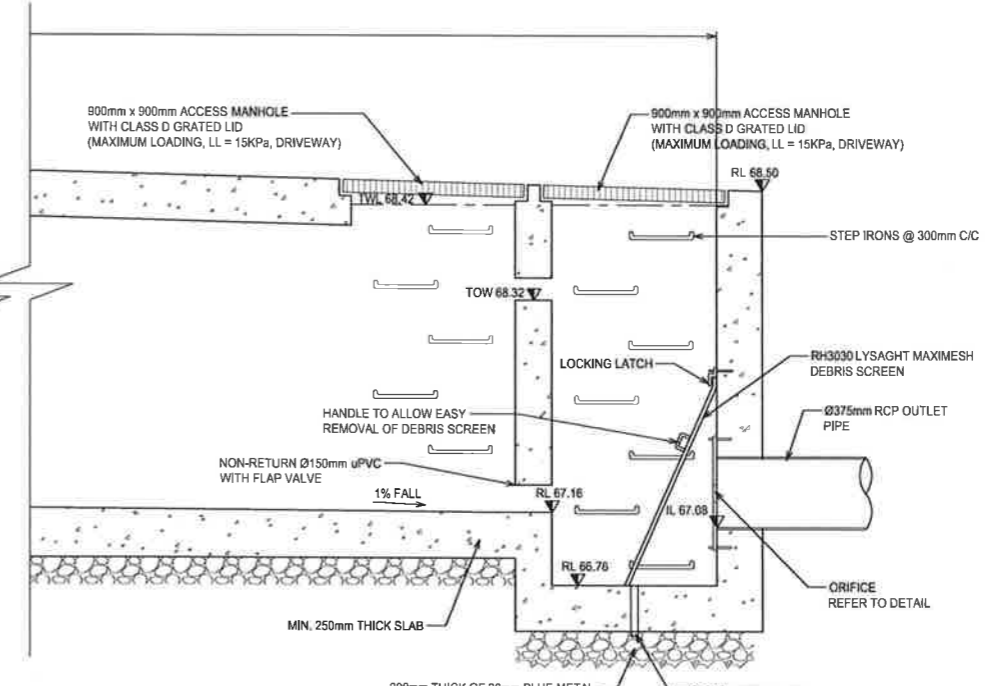
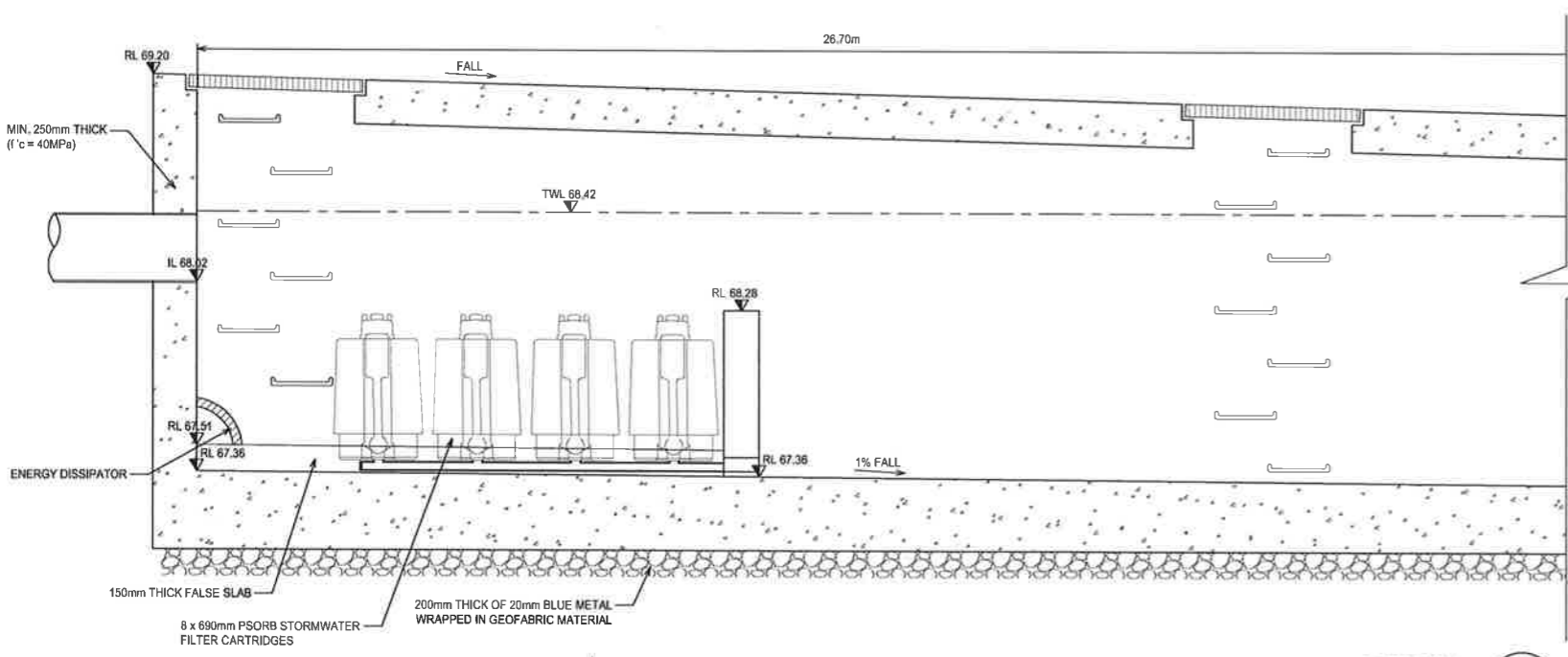
SECTION 4.55 APPLICATION

Architect NETTLETON TRIBE PARTNERSHIP PTY LTD 117 WILLOUGHBY ROAD, CROWS NEST, NSW 2065	Client EQ PROJECTS LEVEL 8, 43 BRIDGE STREET HURSTVILLE NSW 2220		T : 02 8810 5800 E : info@xavierknight.com.au A : Level 2, 2/90 Philip Street, Parramatta NSW 2150 xavierknight.com.au <small>This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without a subscription.</small>	Project BLUESTONE INDUSTRIAL ESTATE 20 PICRITTE CLOSE, PEMULWUY NSW 2145	Scale at A1 1:250	Drawn LN,AD	Approved ER
B ISSUE FOR SECTION 4.55 LN LN, AD 13.06.2019 A ISSUE FOR SECTION 4.55 LN LN, AD 12.06.2019 Rev Description Eng Draft Date	Sheet Subject STORMWATER MANAGEMENT PLAN LOWER GROUND - SHEET 2	Job No 190307	Drawing No C312	Revision B			

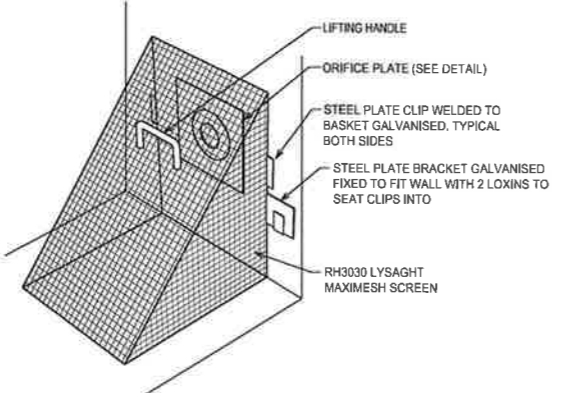


ON-SITE DETENTION (OSD) TANK PLAN
SCALE 1:50

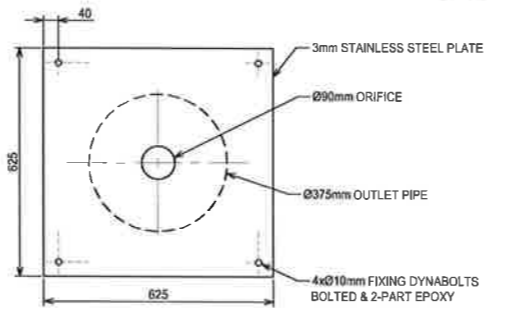
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 No. 9 granted on the 5/08/2019
 in respect to SSD 6801
 Signed JH
 Sheet No. 31 of 33



SECTION 1
SCALE 1:20



DEBRIS SCREEN
NOT TO SCALE



ORIFICE PLATE DETAIL
SCALE 1:10

SECTION 4.55 APPLICATION

Rev	Description	Eng	Draft	Date
B	ISSUE FOR SECTION 4.55 APPLICATION	LN	LN, AD	13.06.2019
A	ISSUE FOR COORDINATION	LN	LN, AD	19.04.2019

Architect
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North

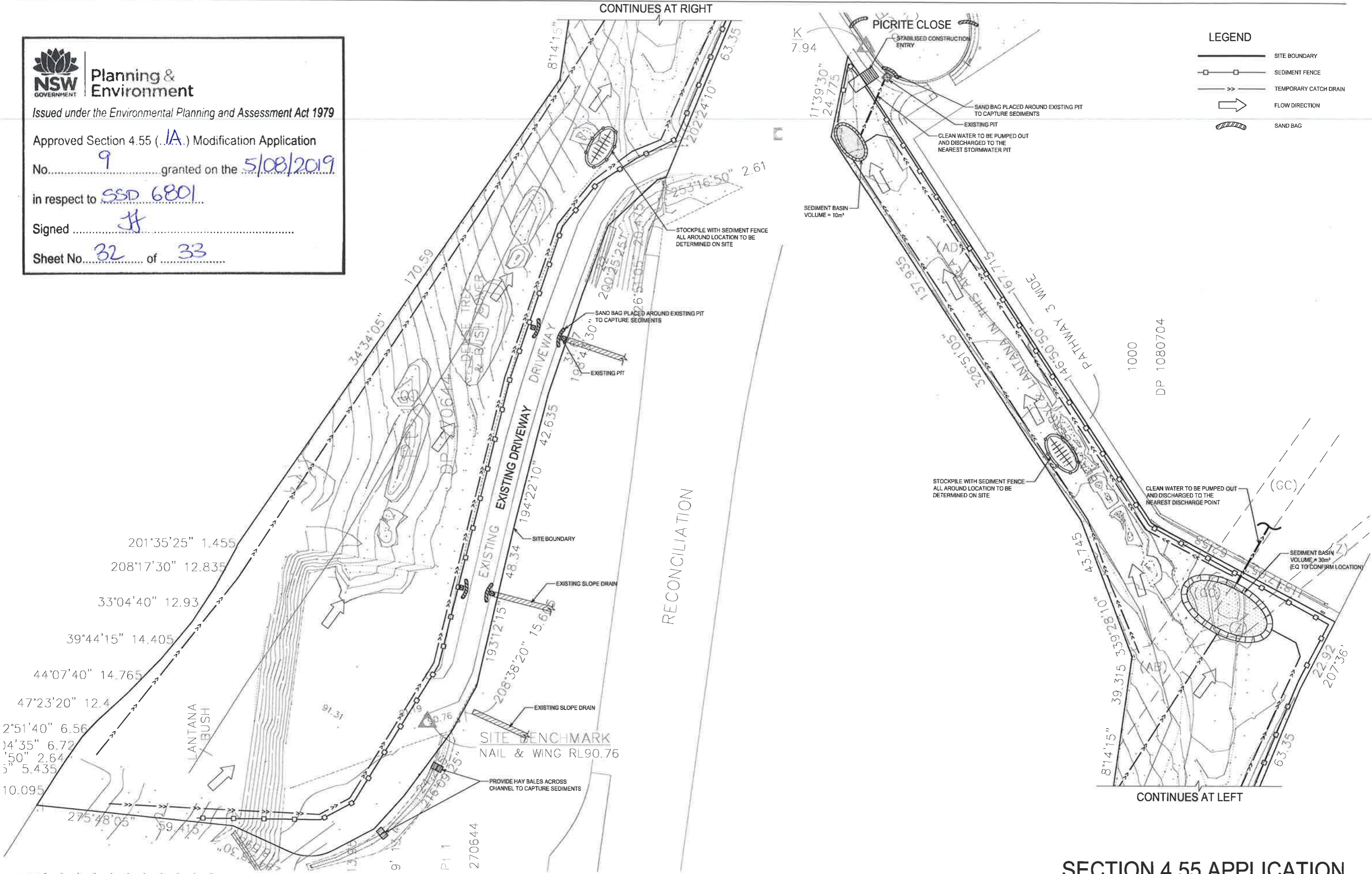
Project
BLUESTONE INDUSTRIAL ESTATE
 20 PICRITE CLOSE, PEMULWUY NSW 2145
 Sheet Subject
ON-SITE DETENTION (OSD) TANK SECTION AND DETAILS

Scale e1 A1	Drawn	Approved
AS SHOWN	LN, AD	ER
Job No	Drawing No	Revision
190307	C320	B

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 Sheet No. 32 of 33



LEGEND

- SITE BOUNDARY
- SEDIMENT FENCE
- TEMPORARY CATCH DRAIN
- FLOW DIRECTION
- SAND BAG

SECTION 4.55 APPLICATION

Rev	Description	Eng	Draft	Date
B	ISSUE FOR SECTION 4.55 APPLICATION	LN	LN, AD	13.06.2019
A	ISSUE FOR SECTION 4.55 APPLICATION	LN	LN, AD	12.06.2019

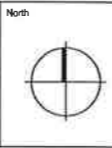
Architect
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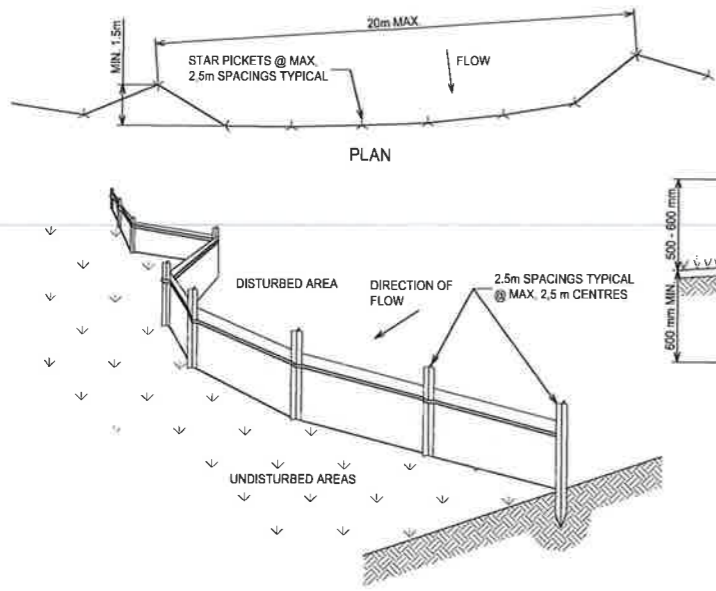
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Project
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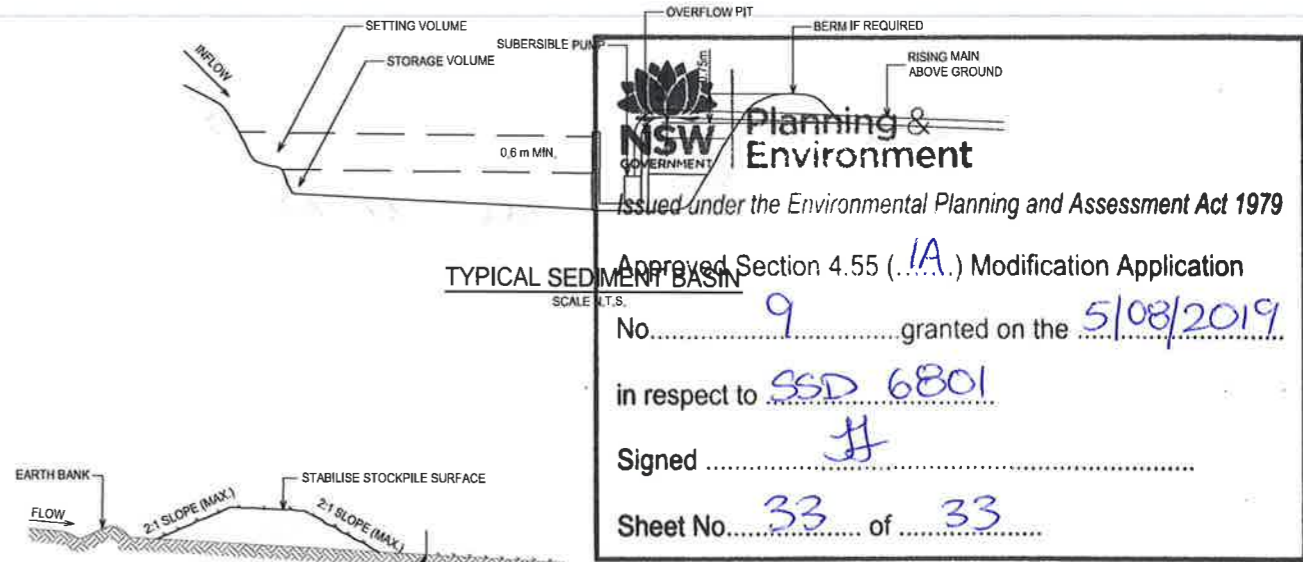
Sheet Subject
SEDIMENT & EROSION CONTROL PLAN

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1:500	LN, AD	ER
Job No	Drawing No	Revision
190307	C500	B



SEDIMENT FENCE
SCALE N.T.S.

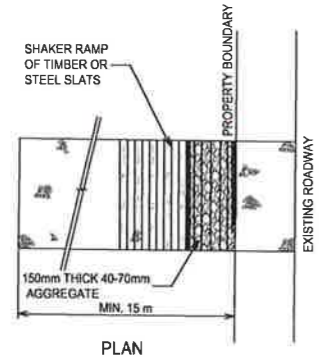
- SEDIMENT FENCE CONSTRUCTION NOTES:**
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND 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 @ 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE 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.
 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



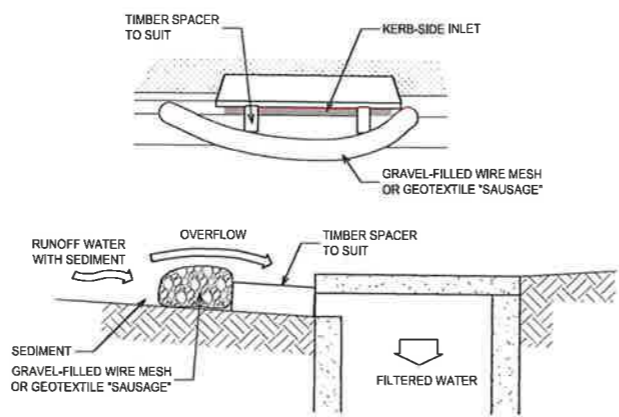
TYPICAL SEDIMENT BASIN
SCALE N.T.S.

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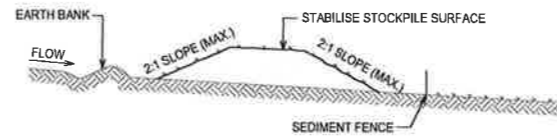


STABILISED SITE ACCESS WITH SHAKER RAMP
SCALE N.T.S.



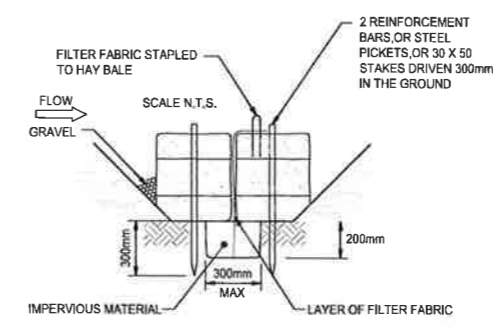
- MESH & GRAVEL INLET FILTER CONSTRUCTION NOTES:**
1. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
 2. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
 3. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET, MAINTAIN THE OPENING WITH SPACER BLOCKS.
 4. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
 5. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY CAN FIRMLY ABUT EACH OTHER AND SEDIMENT / LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET FILTER
SCALE N.T.S.



- STOCKPILE CONSTRUCTION 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 PLACED FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED E.S.C.P. OR S.W.M.P. 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.

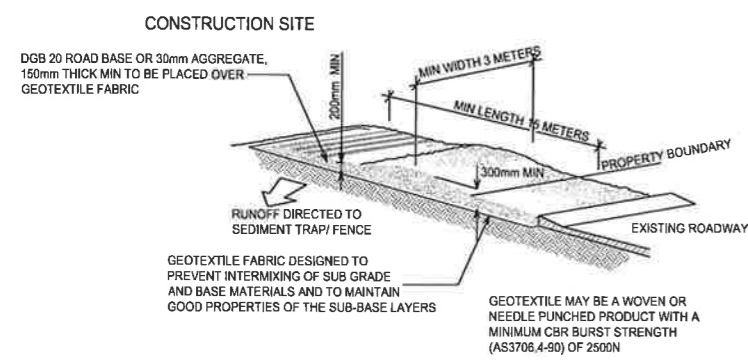
STOCKPILES



HAY BALE SEDIMENT FENCE
NOT TO SCALE

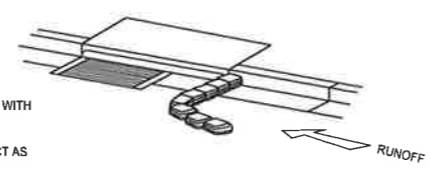
- GENERAL INSTRUCTIONS:**
1. THIS SEDIMENT AND EROSION CONTROL WORKS FOR THE SITE SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION, 4TH EDITION (2004)" BY LANDCOM.
 2. AS REQUIRED BY GEORGES RIVER COUNCIL SEDIMENT CONTROL MEASURES WILL BE REQUIRED DURING THE CONSTRUCTION OF ALL DEVELOPMENTS/BUILDING WORKS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY THAT THE WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL PLAN AND COUNCIL'S REQUIREMENTS.
 3. THE CONTRACTOR SHALL ENSURE THAT ALL SUBCONTRACTORS ARE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.
 4. THE NON-DISTURBED PORTION OF THE CATCHMENT OUTSIDE OF OPERATING AREA IS TO BYPASS THE BASINS BY MEANS OF LINED CATCH DRAINS.
 5. WHERE PRACTICABLE, THE SOIL EROSION HAZARD SHALL BE KEPT AS LOW AS POSSIBLE. LIMITATIONS TO ACCESS ARE TO BE VIA STANLEY LANE UNLESS OTHERWISE APPROVED BY COUNCIL.
 6. ENSURE THAT ALL DRAINS ARE OPERATING EFFECTIVELY AND SHALL MAKE ANY NECESSARY REPAIRS. REMOVE TRAPPED SEDIMENT WHERE THE CAPACITY OF THE TRAPPING DEVICE FALLS BELOW 60%.
 7. CONSTRUCT ADDITIONAL EROSION OR SEDIMENT CONTROL WORKS AS MAY BE APPROPRIATE TO ENSURE THE PROTECTION OF DOWNSLOPE LANDS AND WATERWAYS.
 8. MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION AT ALL TIMES UNTIL THE SITE IS REHABILITATED.
 9. REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.

- CONSTRUCTION SEQUENCE:**
- WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
1. INSTALL SEDIMENT FENCING AND CUT DRAINS TO MEET THE REQUIREMENTS OF THE SEDIMENT AND EROSION CONTROL PLAN. WASTE COLLECTION BINS SHALL BE INSTALLED ADJACENT TO SITE OFFICE.
 2. CONSTRUCT STABILISED SITE ACCESS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
 3. REDIRECT CLEAN WATER AROUND THE CONSTRUCTION SITE.
 4. INSTALL SEDIMENT CONTROL PROTECTION MEASURES AT ALL NATURAL AND MAN-MADE DRAINAGE STRUCTURES. MAINTAIN UNTIL ALL THE DISTURBED AREAS ARE STABILISED.
 5. CLEAR AND STRIP THE WORK AREAS. MINIMISE THE DAMAGE TO THE GRASS AND LOW GROUND COVER OF NON-DISTURBED AREAS.
 6. ANY DISTURBED AREAS, OTHER THAN BUILDING PAD AREAS, SHALL IMMEDIATELY BE COVERED WITH SITE TOPSOIL WITHIN 7 DAYS OF CLEARING. BUILDING PAD AREAS SHALL BE COVERED WITH BITUMEN EMULSION AS SPECIFIED.
 7. APPLY PERMANENT STABILISATION TO SITE (LANDSCAPING).



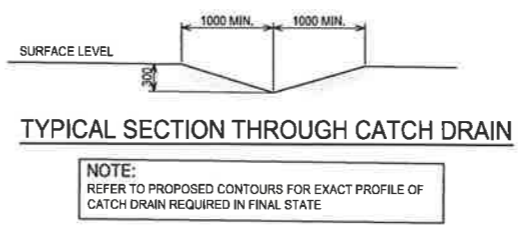
STABILISED SITE ACCESS WITH SHAKER RAMP
SCALE N.T.S.

- NOTES:**
1. THIS DEVICE IS TO BE LOCATED AT ALL EXITS FROM CONSTRUCTION SITE.
 2. THIS DEVICE IS TO BE REGULARLY CLEANED OF DEPOSITED MATERIAL SO AS TO MAINTAIN A 50mm DEEP SPACE BETWEEN PLANKS.
 3. ANY UNSEALED ROAD BETWEEN THIS DEVICE AND NEAREST ROADWAY IS TO BE TOPPED WITH 100mm THICK 40-70mm SIZE AGGREGATE.
 4. ALTERNATIVELY, THREE(3) PRECAST CONCRETE CATTLE GRIDS (AS MANUFACTURED BY *HUMES CONCRETE MAY BE USED. 1, 2 & 3 ABOVE ALSO APPLY.



GULLY INLET SANDBAG PROTECTION DETAIL
SCALE N.T.S.

- NOTES:**
1. PROVIDE THREE LAYERS OF SANDBAGS WITH THEIR ENDS OVERLAPPED AND ALSO OVERLAPPING ONTO THE KERB.
 2. CREATE A GAP IN THE SANDBAGS TO ACT AS A SPILLWAY.
 3. SANDBAG BARRIER TO BE MIN. 2m FROM THE INLET AND EXTEND MIN. 0.9m OUT FROM THE KERB.



TYPICAL SECTION THROUGH CATCH DRAIN

NOTE:
REFER TO PROPOSED CONTOURS FOR EXACT PROFILE OF CATCH DRAIN REQUIRED IN FINAL STATE

<p>Architect NETTLETON TRIBE PARTNERSHIP PTY LTD 117 WILLOUGHBY ROAD, CROWS NEST, NSW 2065</p>		<p>Client EQ PROJECTS LEVEL 6, 43 BRIDGE STREET HURSTVILLE NSW 2220</p>		<p>Project BLUESTONE INDUSTRIAL ESTATE 20 PICRITTE CLOSE, PEMULWUY NSW 2145</p>		<p>Scale at A1 Job No 190307</p>	
<p>Rev Description A ISSUE FOR SECTION 4.55 APPLICATION LN LN, AD 12 06 2019 Eng Draft Date</p>		<p>XAVIER KNIGHT T: 02 8810 5800 E: info@xavierknight.com.au A: Level 2, 290 Phillip Street, Parramatta NSW 2150 xavierknight.com.au This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.</p>		<p>Project SEDIMENT & EROSION CONTROL DETAILS</p>		<p>Drawn LN, AD Approved ER Drawing No C501 Revision A</p>	

SECTION 4.55 APPLICATION