# WENTWORTH POINT PENINSULA PARK RIDGE ROAD CONSTRUCTION CERTIFICATE FOR TENDER



NOTE: VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO	ISSUE	DESCRIPTION	BY	APP'D	DATE	NORTH / SCALE	PROJECT TEAM
VENIFY ALL DIMENSIONS ON SITE BEFORE COMMERCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALE AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES' REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. IF IN DOUBT, ASK.	 	CC FOR TENDER		HD JK	25/10/19 25/5/20	Scale 1:1000 @ A1	PROJECT MANAGEMENT APP CORPORATION Level 7, 116 Miller St North Sydney NSW 2060 Telephone : (02) 9957 6211
CC FOR TENDER	 						ENGINEERING CALIBRE GROUP Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000



DWG NO.	DRAWING TITLE	SCALE	ISSUE
L_3001	KEY PLAN & DRAWING LIST	1:1000 @ A1	2
L 3201	GENERAL ARRANGEMENT PLAN 1 OF 6	1:100 @ A1	1
L 3202	GENERAL ARRANGEMENT PLAN 2 OF 6	1:100 @ A1	1
L 3203	GENERAL ARRANGEMENT PLAN 3 OF 6	1:100 @ A1	1
L 3204	GENERAL ARRANGEMENT PLAN 4 OF 6	1:100 @ A1	1
L 3205	GENERAL ARRANGEMENT PLAN 5 OF 6	1:100 @ A1	1
L 3206	GENERAL ARRANGEMENT PLAN 6 OF 6	1:100 @ A1	1
L 3401	LEVELS PLAN 1 OF 6	1:100 @ A1	1
L 3402	LEVELS PLAN 2 OF 6	1:100 @ A1	1
L 3403	LEVELS PLAN 3 OF 6	1:100 @ A1	1
L 3404	LEVELS PLAN 4 OF 6	1:100 @ A1	1
L 3405	LEVELS PLAN 5 OF 6	1:100 @ A1	1
L 3406	LEVELS PLAN 6 OF 6	1:100 @ A1	1
L 3501	FINISHES PLAN 1 OF 6	1:100 @ A1	1
L 3502	FINISHES PLAN 2 OF 6	1:100 @ A1	1
L 3503	FINISHES PLAN 3 OF 6	1:100 @ A1	1
L 3504	FINISHES PLAN 4 OF 6	1:100 @ A1	1
L 3505	FINISHES PLAN 5 OF 6	1:100 @ A1	1
L 3506	FINISHES PLAN 6 OF 6	1:100 @ A1	1
L 3601	PLANTING PLAN 1 OF 6	1:100 @ A1	1
L 3602	PLANTING PLAN 2 OF 6	1:100 @ A1	1
L 3603	PLANTING PLAN 3 OF 6	1:100 @ A1	1
L 3604	PLANTING PLAN 4 OF 6	1:100 @ A1	1
L 3605	PLANTING PLAN 5 OF 6	1:100 @ A1	1
L 3606	PLANTING PLAN 6 OF 6	1:100 @ A1	1
L_0000	SECTIONS KEY PLAN	1:800 @ A1	1
L 3702	SECTIONS 1 OF 2	AS SHOWN	1
L 3703	SECTIONS 2 OF 2	AS SHOWN	1
L 3704	SECTIONS 3 OF 3	AS SHOWN	1
L 3801	TYPICAL HARDSCAPE DETAILS	AS SHOWN	1
L 3802	TYPICAL INTERFACE DETAILS	AS SHOWN	1
L_0002	TYPICAL INTERFACE DETAILS	AS SHOWN	1
L_0000	TYPICAL INTERFACE DETAILS	AS SHOWN	1
L_0004	TYPICAL INTERFACE DETAILS	AS SHOWN	1
L 3806	TYPICAL DETAILS - SWALE	AS SHOWN	1
L 3821	TYPICAL DETAILS - FIXTURES	AS SHOWN	1
L_3822	TYPICAL DETAILS - FIXTURES	AS SHOWN	1
L_3831	TYPICAL DETAILS - SOFTWORKS	AS SHOWN	1
L_3832	TYPICAL DETAILS - SOFTWORKS	AS SHOWN AS SHOWN	1
L_3002	DETAILS - AMENITIES BLOCK 1 OF 3	AS SHOWN	1
	DETAILS - AMENITIES BLOCK 1 OF 3	AS SHOWN	1
L_3902 L 3903	DETAILS - AMENITIES BLOCK 2 OF 3	AS SHOWN AS SHOWN	1
L_3903 L_3911	DETAILS - AMENITIES BLOCK 3 OF 3	AS SHOWN AS SHOWN	1
L_3911 L_3921	DETAILS - WALLS TOP T DETAILS - SCULPTURAL SEATING ELEMENT	AS SHOWN AS SHOWN	1
L_3921 L_3951	LIGHTING PLAN 1 OF 6		1
		1:100 @ A1	' '
L_3952	LIGHTING PLAN 2 OF 6	1:100 @ A1	'
L_3953	LIGHTING PLAN 3 OF 6	1:100 @ A1	1
L_3954	LIGHTING PLAN 4 OF 6	1:100 @ A1	1
L_3955	LIGHTING PLAN 5 OF 6	1:100 @ A1	I   1
L_3956	LIGHTING PLAN 6 OF 6	1:100 @ A1	

# **SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR**

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ARCHITECTS **KENNEDY ASSOCIATES ARCHITECTS** Level 3/1 Booth Street | Annandale NSW 2038 Telephone : (02) 9557 6466

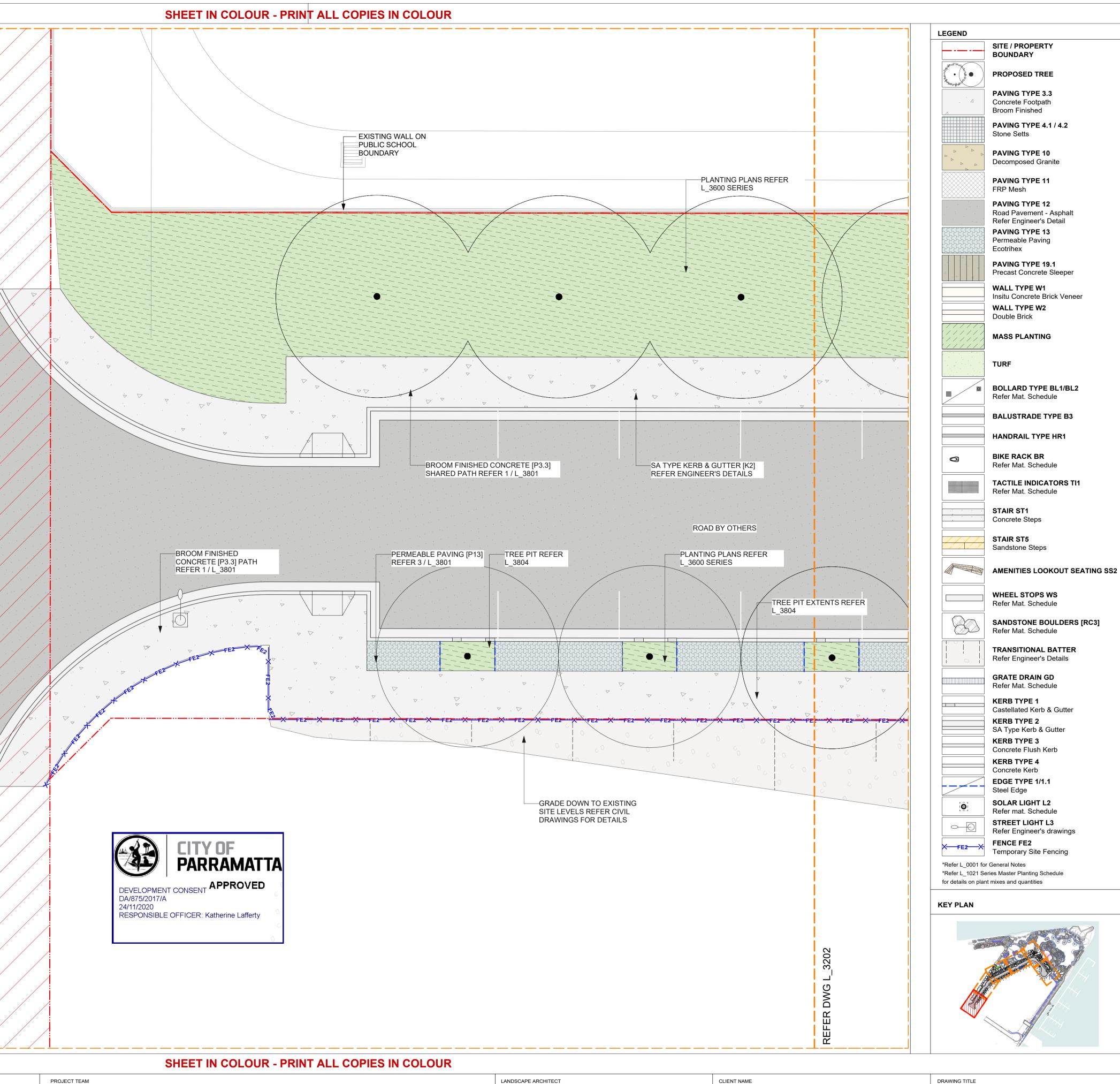
18527\_LANDSCAPE\_RIDGE RD.vwx 23/11/18



NAME DCOM	DRAWING TITLE KEY PLAN & DRAWING LIST								
т.	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZ	ZE			
WORTH POINT PENINSULA PARK	JN	23/06/17	HD	CC	A1				
E ROAD CONSTRUCTION CERTIFICATE FOR ER	PROJECT NU	MBER		DRAWING NUMBER	ISSUE				
VORTH POINT NSW 2127	18527			L_3001	2				

# NOTE: BURROWAY ROAD BY OTHERS

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LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALE AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES' REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE						PROJECT MANAGEMENT APP CORPORATION Level 7, 116 Miller St North Sydney NSW 2060 Telephone : (02) 9957 6211
	 					ENGINEERING
CC FOR TENDER	 					<b>CALIBRE GROUP</b> Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000





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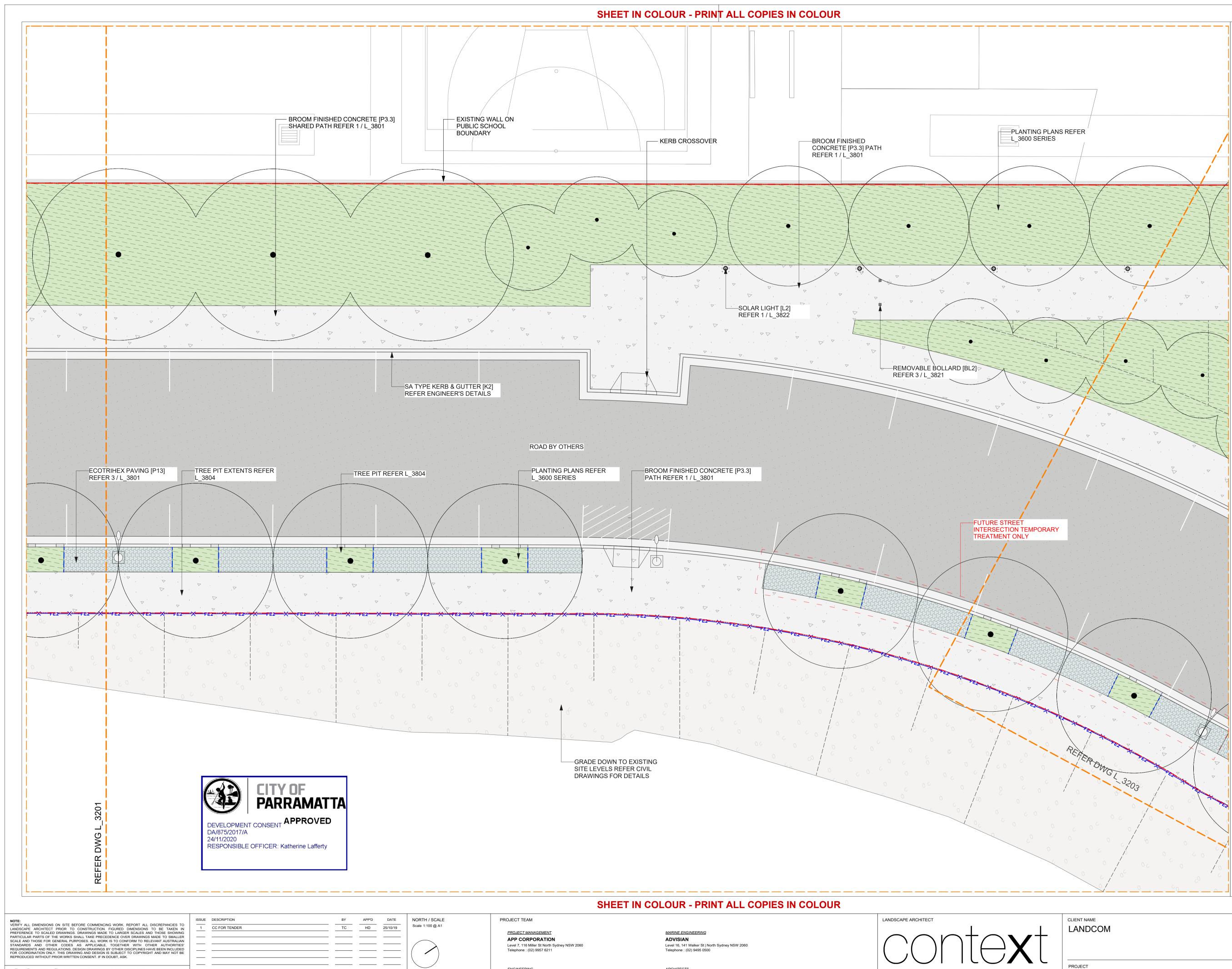
> <u>ARCHITECTS</u> KENNEDY ASSOCIATES ARCHITECTS Level 3/1 Booth Street, Annandale, NSW 2038 Telephone : (02) 9557 6466

Context Landscape Design Pty Ltd Level 2, 52-58 William Street, East Sydney NSW 2011 PO Box A866 Sydney South NSW 1235 T. 61 2 8244 8900 F. 61 2 82448988 E. context@context.net.au W. www.context.net.au ABN: 14 093 350 719

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WENTWO

CLIENT NAME LANDCOM	GENERAL ARRANGEMENT PLAN 1 OF 6								
PROJECT WENTWORTH POINT PENINSULA PARK	CREATED DATE CHECKED JK 23/06/17 HD	PROJECT STAGE CC	SHEET SIZE A1						
RIDGE ROAD	PROJECT NUMBER	DRAWING NUMBER	ISSUE						
WENTWORTH POINT NSW 2127	18527	L_3201	1						



CC FOR TENDER

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**ENGINEERING** CALIBRE GROUP

Telephone : (02) 8808 5000

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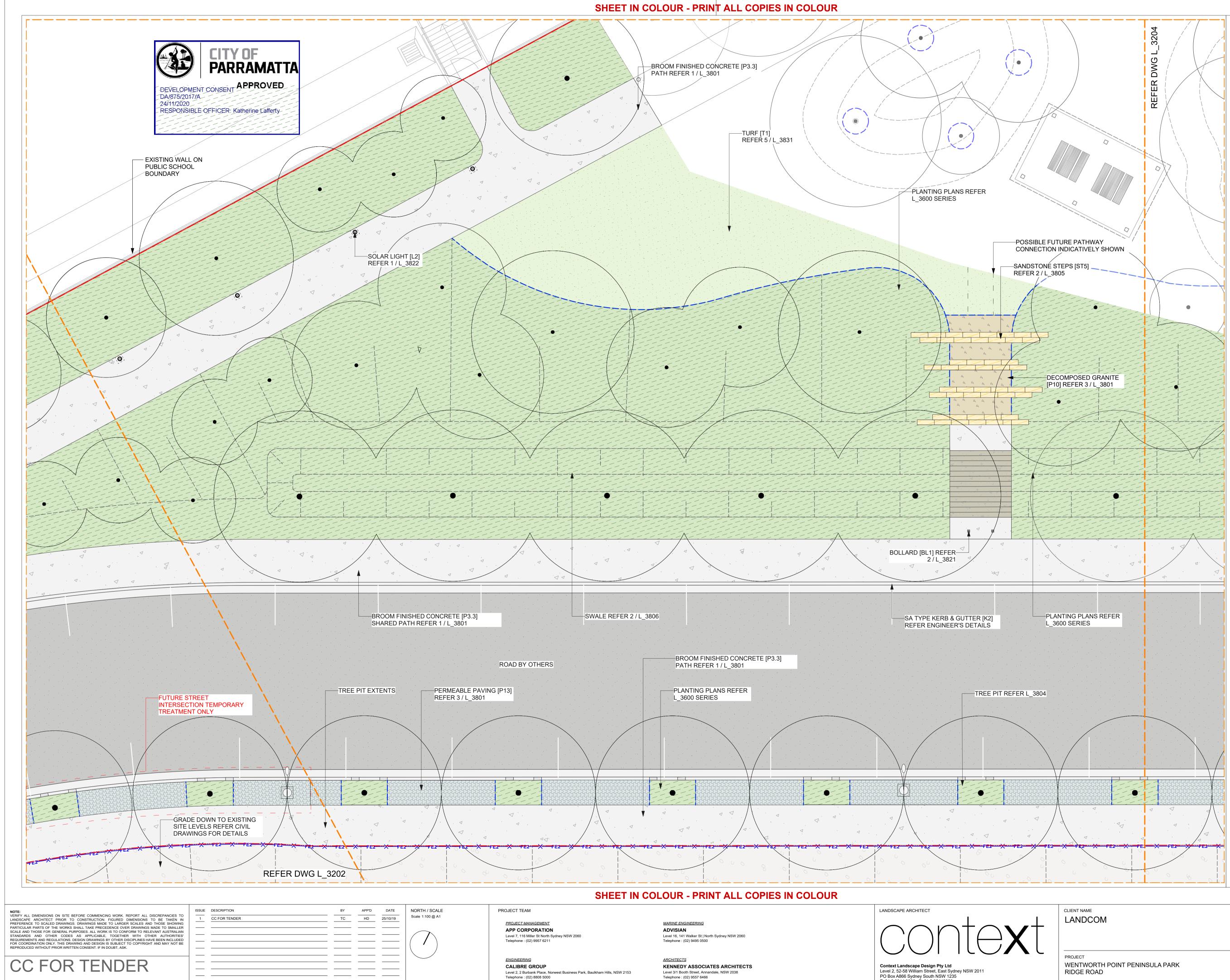
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WENTWORTH POINT PENIN RIDGE ROAD WENTWORTH POINT NSW 2127

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LEGEND	
	SITE / PROPERTY BOUNDARY
HANNA MARKANA AND AND AND AND AND AND AND AND AND	PROPOSED TREE
Mennewski A	PAVING TYPE 3.3 Concrete Footpath
	Broom Finished PAVING TYPE 4.1 / 4.2
	Stone Setts
	PAVING TYPE 10 Decomposed Granite
	PAVING TYPE 11 FRP Mesh
	<b>PAVING TYPE 12</b> Road Pavement - Asphalt Refer Engineer's Detail
	PAVING TYPE 13 Permeable Paving
	Ecotrihex PAVING TYPE 19.1
4	Precast Concrete Sleeper WALL TYPE W1
	Insitu Concrete Brick Veneer <b>WALL TYPE W2</b> Double Brick
	MASS PLANTING
	TURF
	BOLLARD TYPE BL1/BL2 Refer Mat. Schedule
	BALUSTRADE TYPE B3
	HANDRAIL TYPE HR1
Ø	BIKE RACK BR Refer Mat. Schedule
	TACTILE INDICATORS TI1 Refer Mat. Schedule
	STAIR ST1 Concrete Steps
	STAIR ST5 Sandstone Steps
	AMENITIES LOOKOUT SEATING SS2
	WHEEL STOPS WS Refer Mat. Schedule
	SANDSTONE BOULDERS [RC3] Refer Mat. Schedule
	TRANSITIONAL BATTER Refer Engineer's Details
	GRATE DRAIN GD Refer Mat. Schedule
	KERB TYPE 1 Castellated Kerb & Gutter
	KERB TYPE 2 SA Type Kerb & Gutter
	KERB TYPE 3 Concrete Flush Kerb
	KERB TYPE 4 Concrete Kerb
	EDGE TYPE 1/1.1 Steel Edge
[Ō]	SOLAR LIGHT L2 Refer mat. Schedule
	STREET LIGHT L3 Refer Engineer's drawings
Х FE2 Х	FENCE FE2 Temporary Site Fencing
KEY PLAN	
J.	

	_	DRAWING TITLE GENERAL ARRANGEMENT PLAN 2 OF 6							
	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE				
SULA PARK	JK	23/06/17	HD	CC	A1				
	PROJECT NU	JMBER		DRAWING NUMBER	ISSUE				
	18527	,		L 3202	1				



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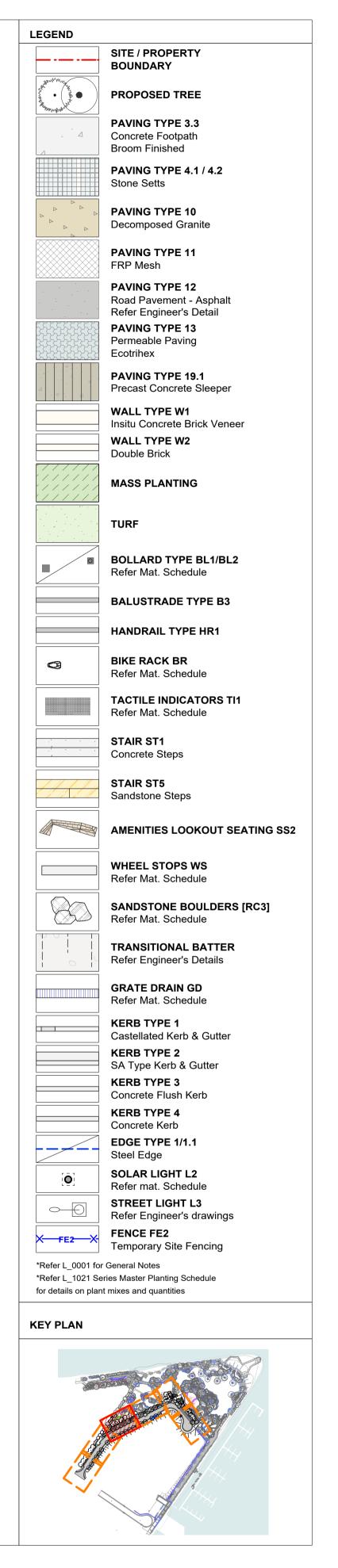
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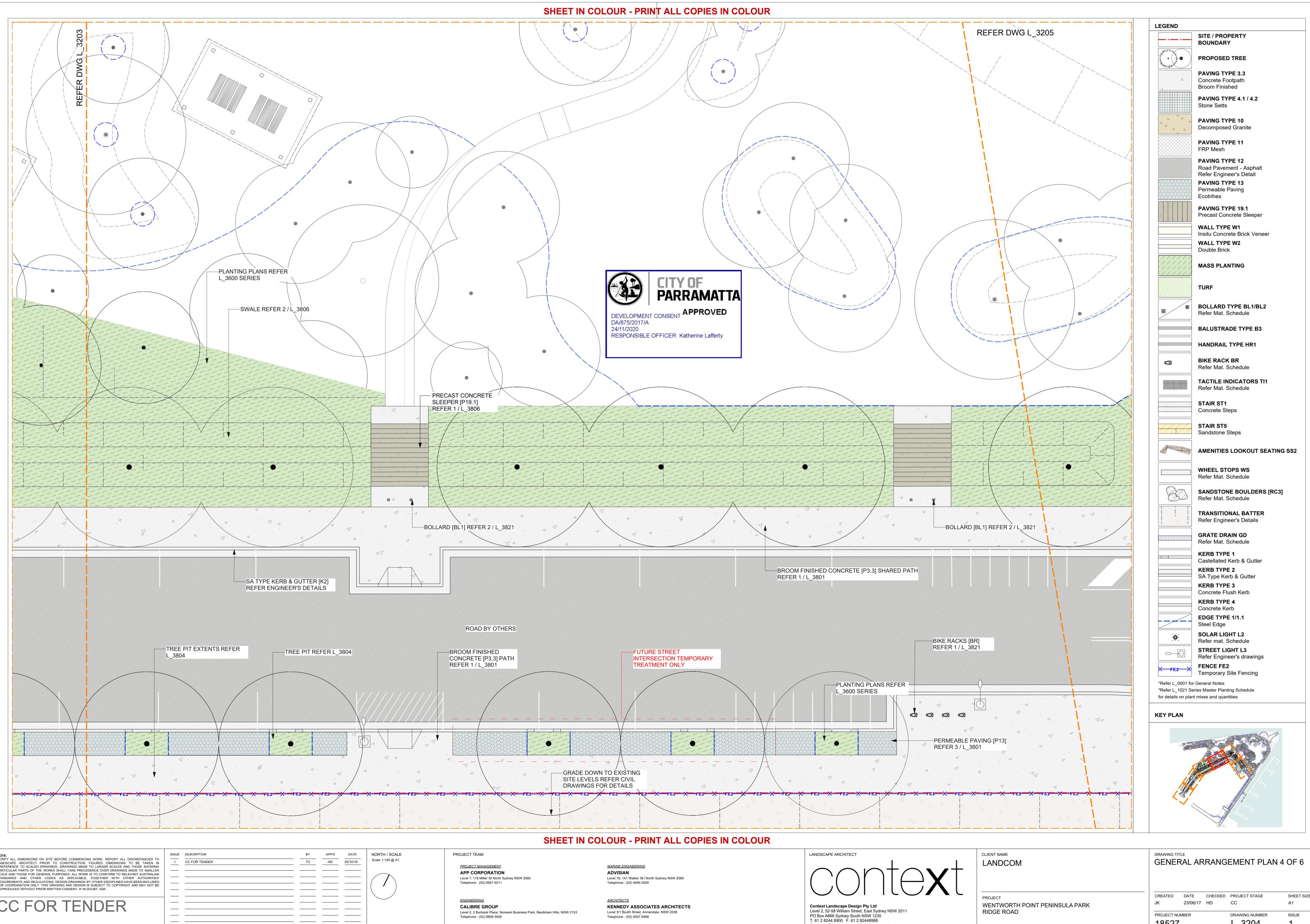
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WENTWO



NAME	DRAWING TITLE								
DCOM	GENERAL ARRANGEMENT PLAN 3 OF 6								
T	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE				
WORTH POINT PENINSULA PARK	JK	23/06/17	HD	CC	A1				
E ROAD VORTH POINT NSW 2127	PROJECT NU 18527		DRAWING NUMBER ISSUE L_3203 1						



IOTE:	ISSUE	DESCRIPTION	BY	APP'D	DATE	NORTH / SCALE	PROJECT TEAM
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CC FOR TENDER							ENGINEERING CALIBRE GROUP Level 2, 2 Burbank Place, No Telephone : (02) 8808 5000

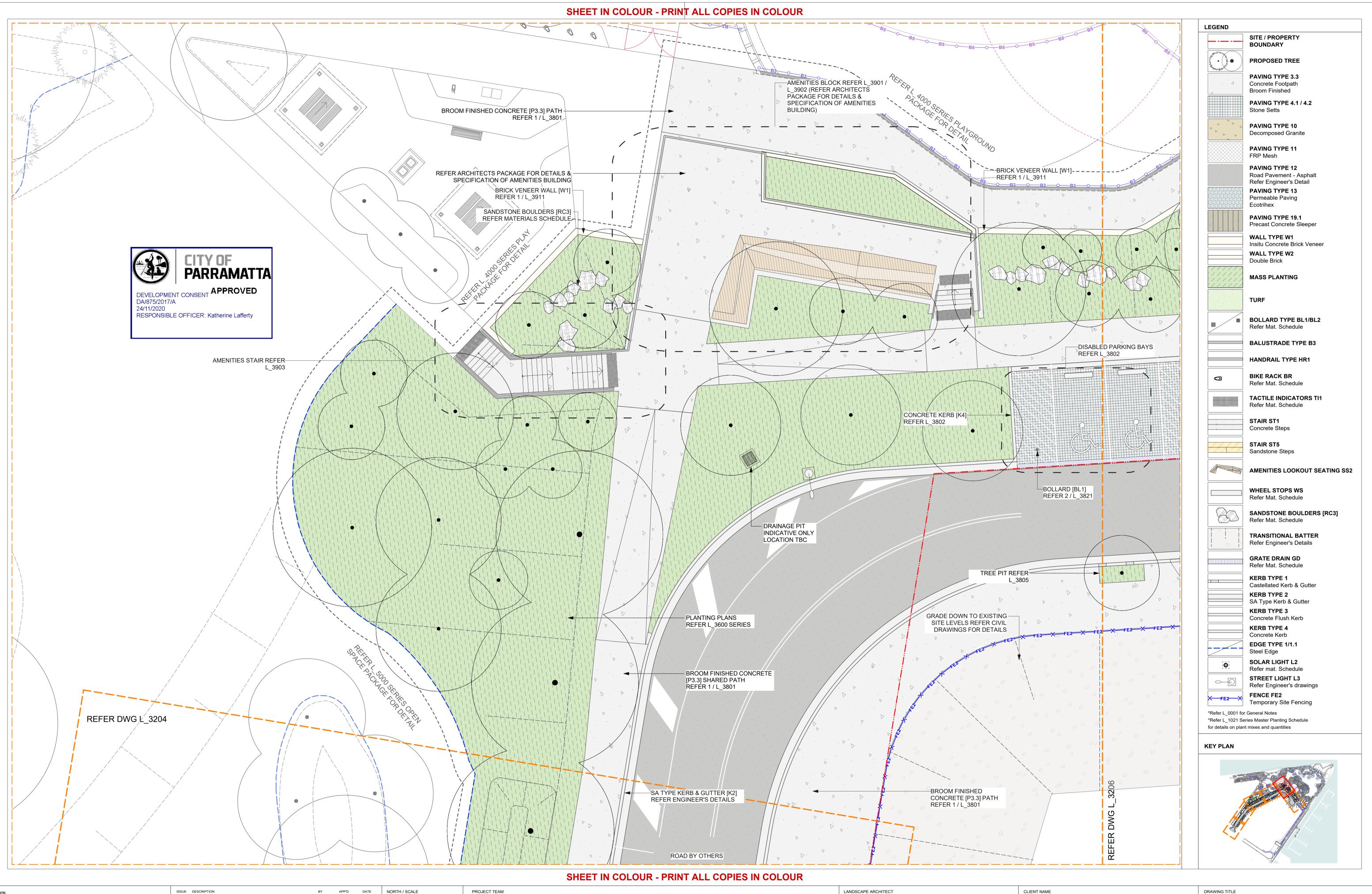
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WENTWO

ame DCOM	GENERAL ARRANGEMENT PLAN 4 OF 6								
T WORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1				
ORTH POINT NSW 2127	PROJECT NU 18527			DRAWING NUMBER ISSUE L_3204 1					



NOTE:	ISSUE	DESCRIPTION	BY	APP'D	DATE	NORTH / SCALE	PROJECT TEAM
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CC FOR TENDER							ENGINEERING CALIBRE GROUP Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000

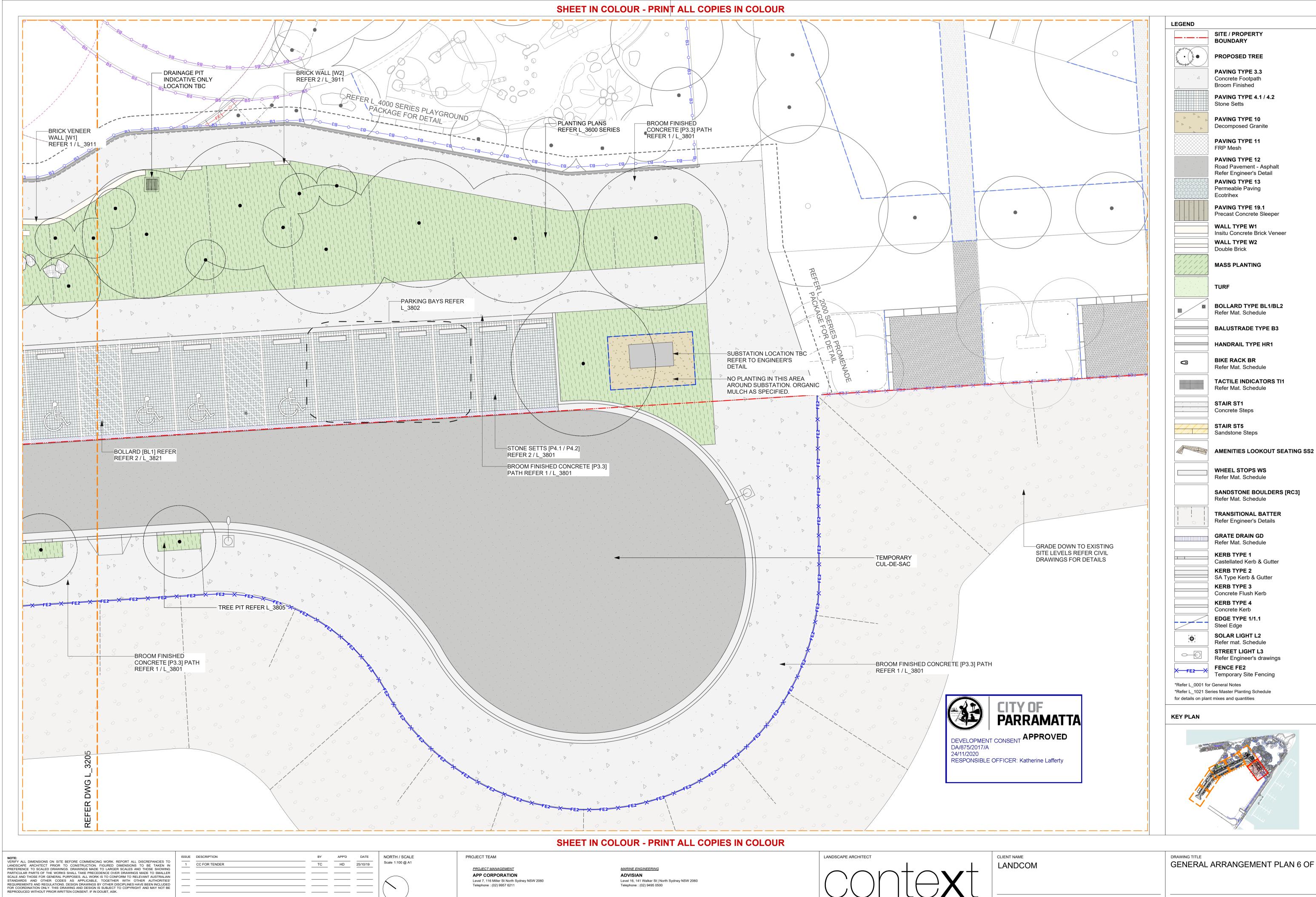
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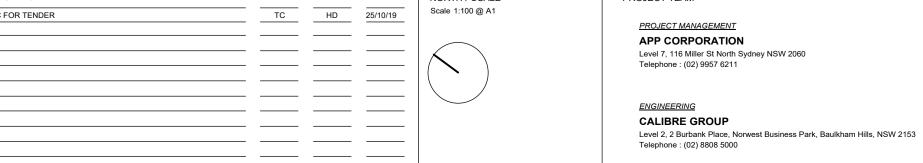
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CLIENT NAME LANDCOM	DRAWING TI GENEI		RANG	GEMENT PLAN 5 OF 6		
PROJECT WENTWORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1	
RIDGE ROAD	PROJECT NU	JMBER		DRAWING NUMBER	ISSUE	
WENTWORTH POINT NSW 2127	18527	,		L_3205	1	



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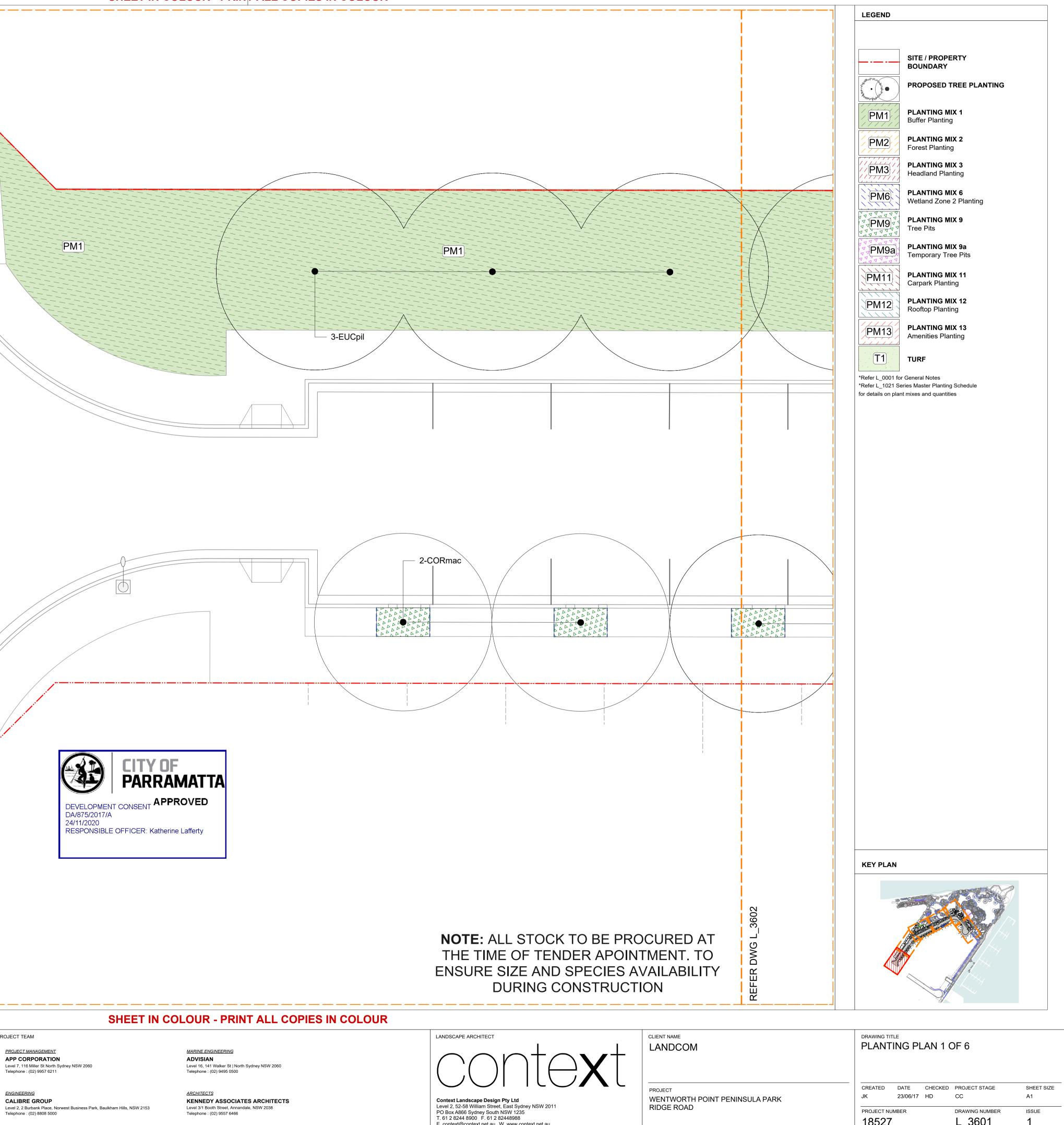
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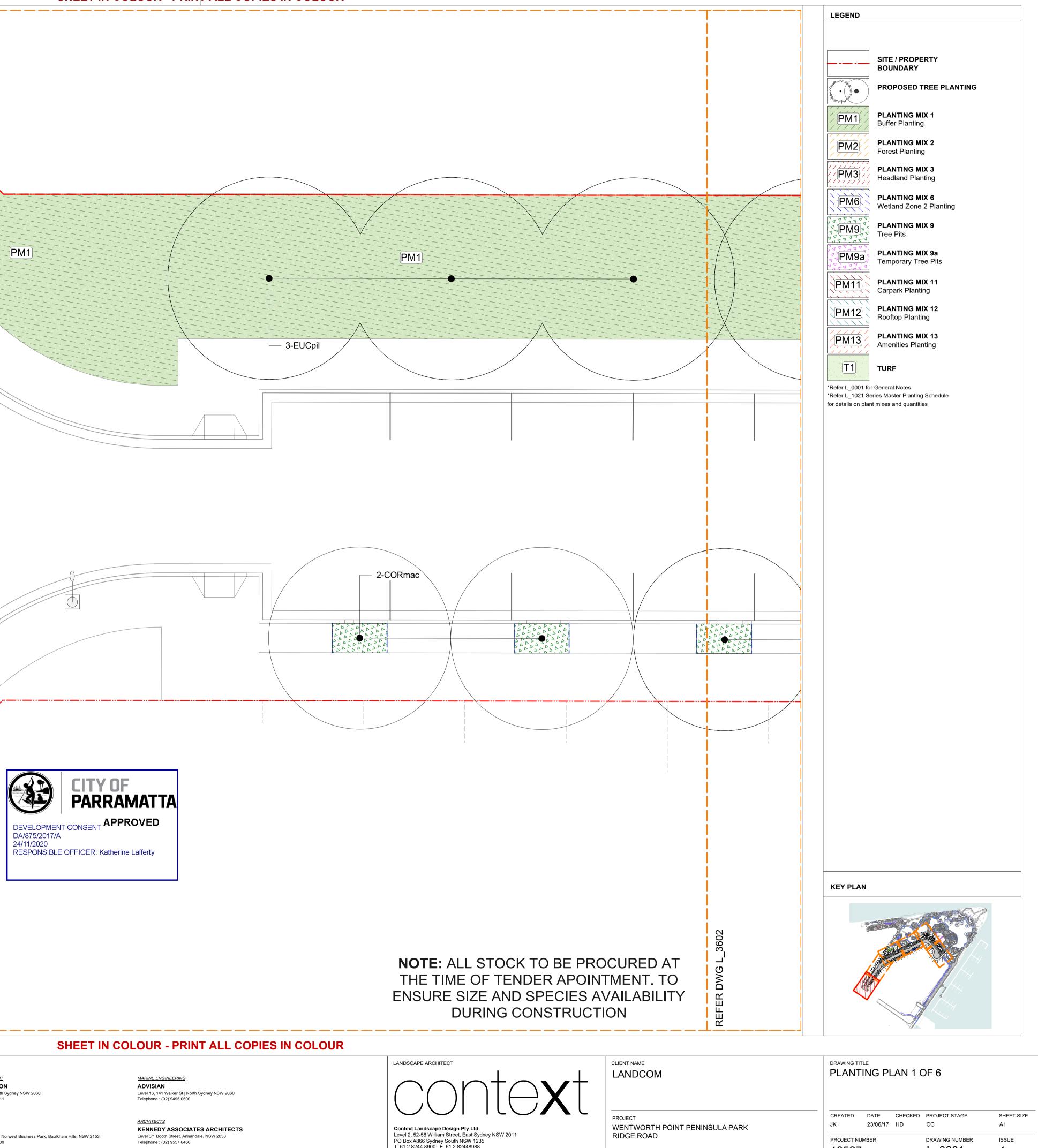
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LANDCOM	GENERAL ARRANGEMENT PLAN 6 OF 6						
PROJECT WENTWORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1		
RIDGE ROAD	PROJECT N	UMBER		DRAWING NUMBER	ISSUE		
WENTWORTH POINT NSW 2127	18527	7		L_3206	1		

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CC FOR TENDER							<u>ENGINEERING</u> CALIBRE GROUP Level 2, 2 Burbank Place Telephone : (02) 8808 50







IANAGEMENT RPORATION

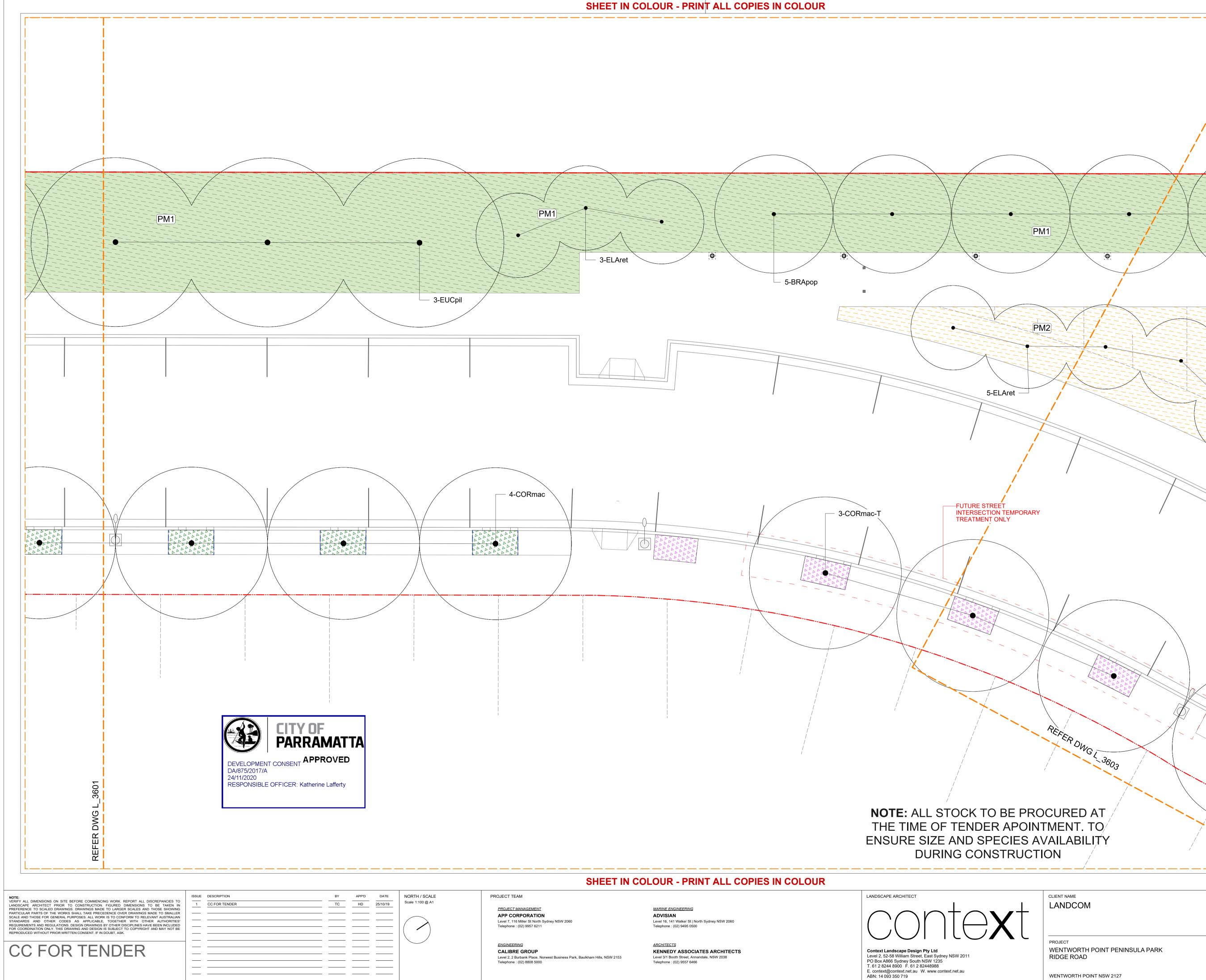
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WENTWORTH POINT NSW 2127

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L\_3601

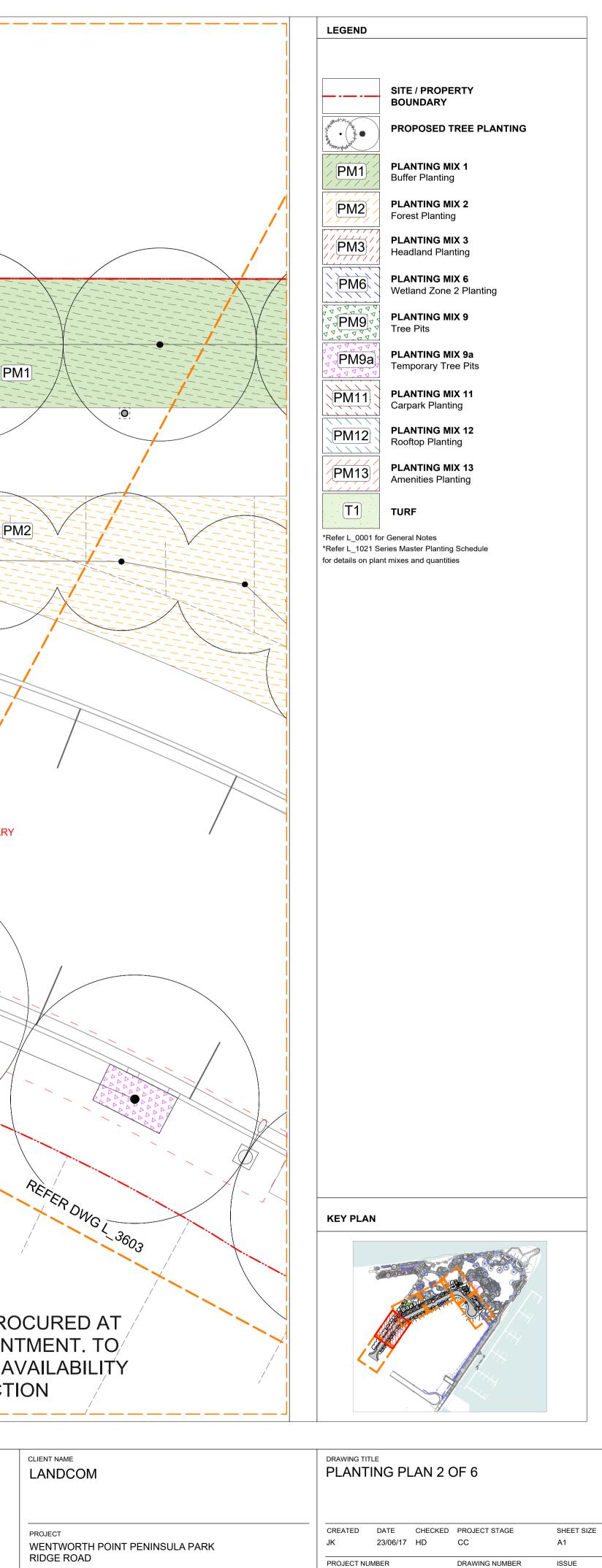
<sup>18527</sup> 



# **NOTE:** ALL STOCK TO BE PROCURED AT THE TIME OF TENDER APOINTMENT. TO/ ENSURE SIZE AND SPECIES AVAILABILITY **DURING CONSTRUCTION**

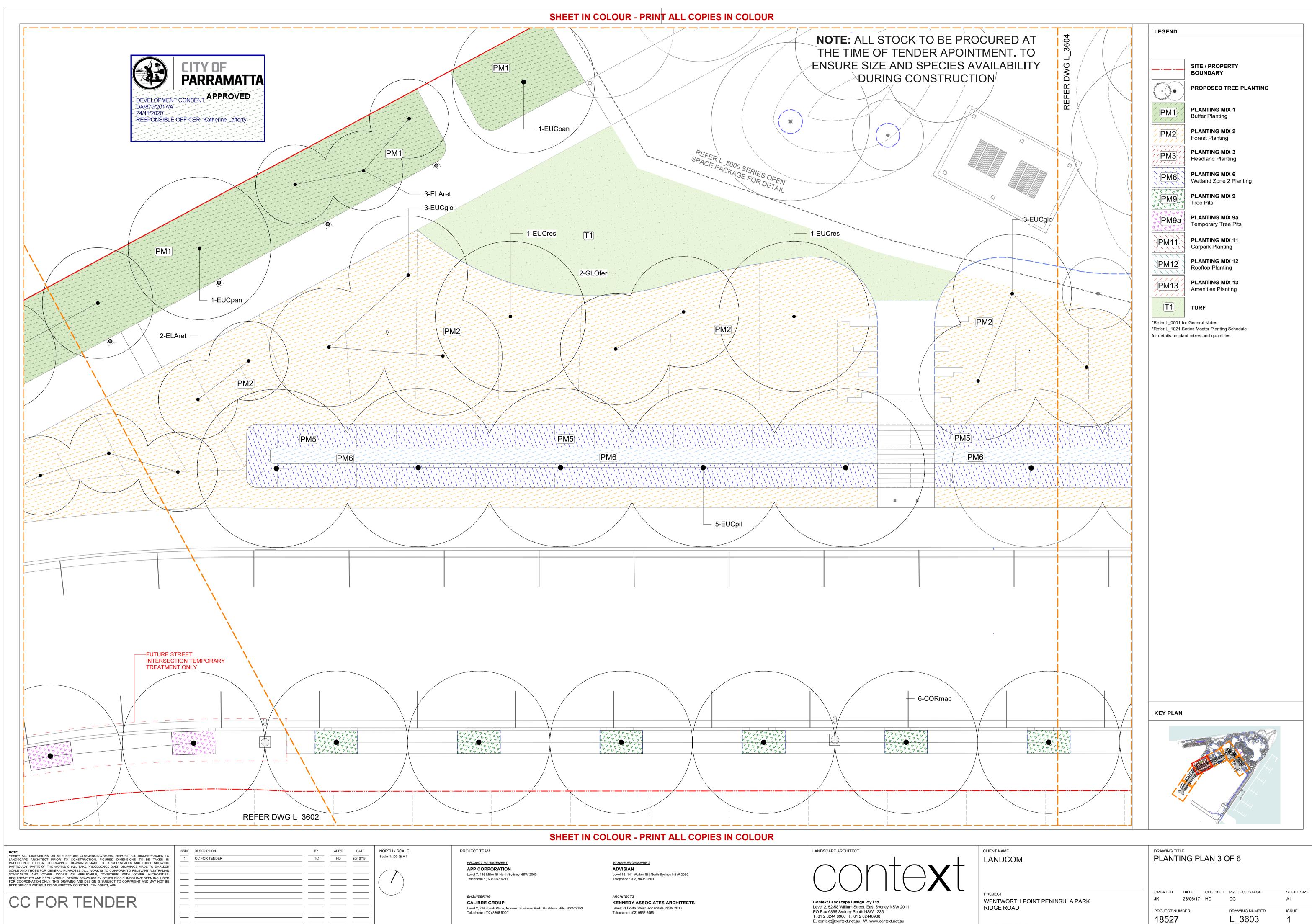
CLIENT NAME PROJECT WENTW

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<b>VORTH</b>	POINT	NSW	2127





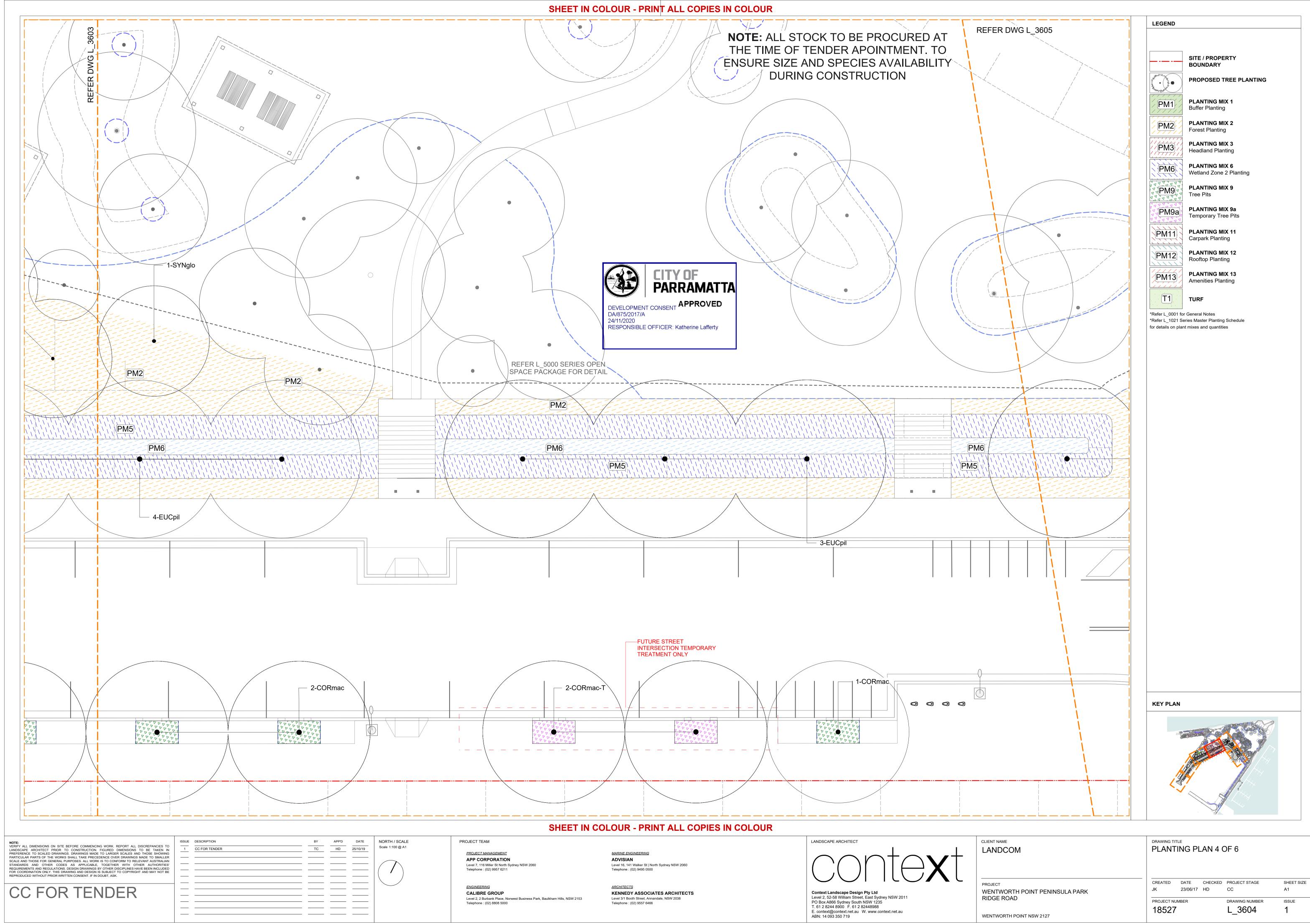
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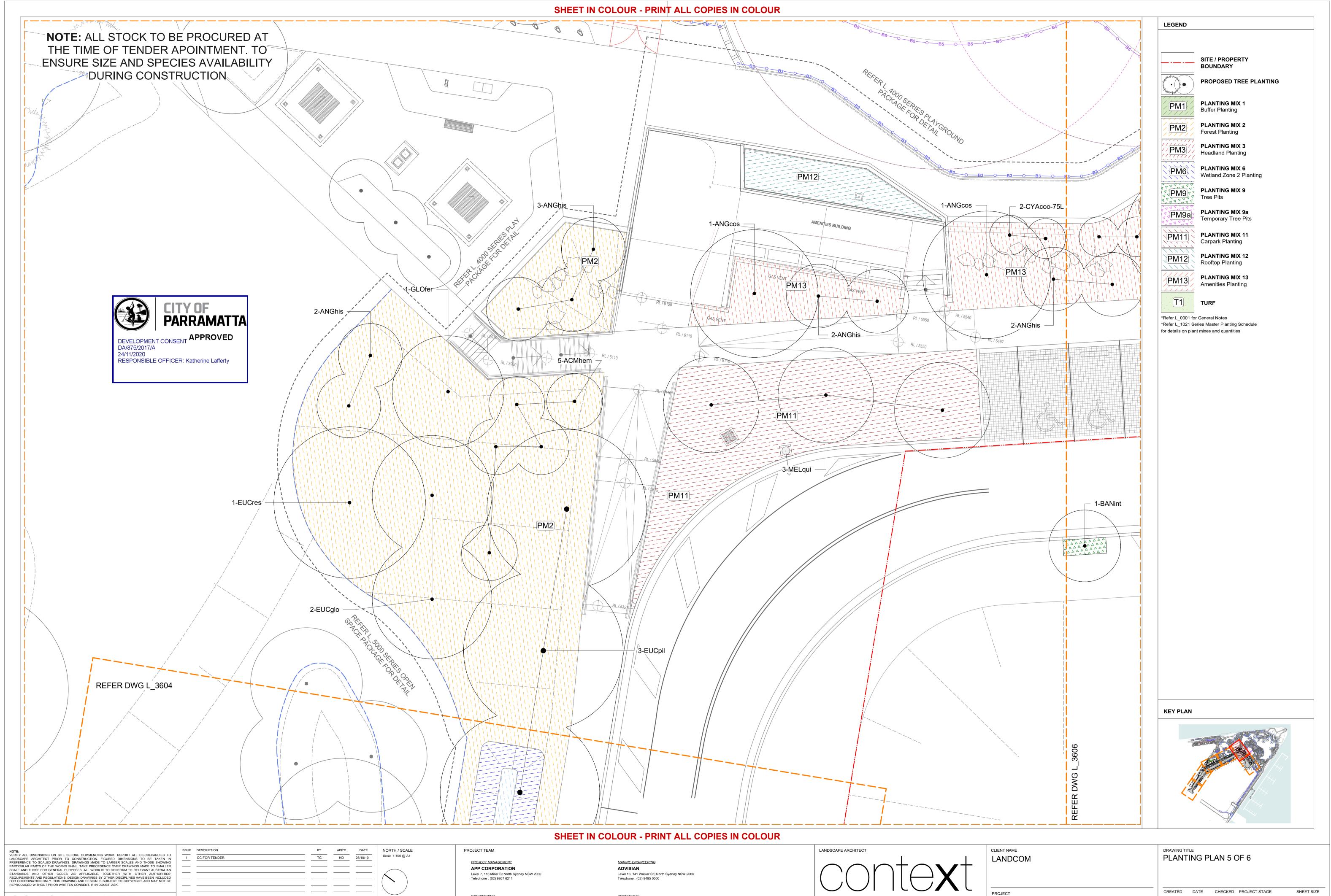
L\_3603



CC FOR <sup>-</sup>	TENDER
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VORTH	POINT	NSW	2127



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**ENGINEERING** 

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CALIBRE GROUP Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000

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WENTWORTH POINT NSW 2127

WENTWORTH POINT PENINSULA PARK
RIDGE ROAD

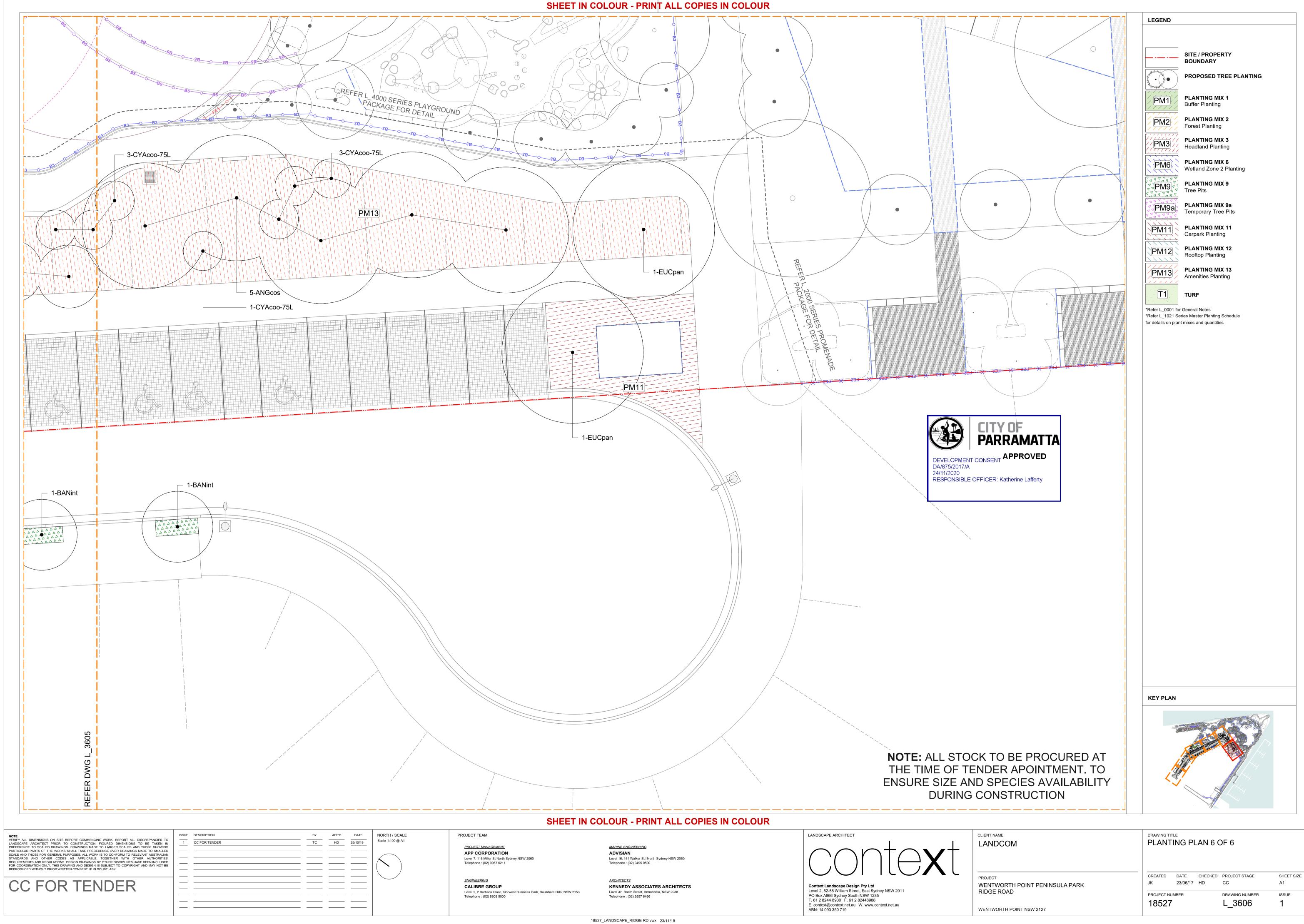
DRAWING NUMBER L\_3605

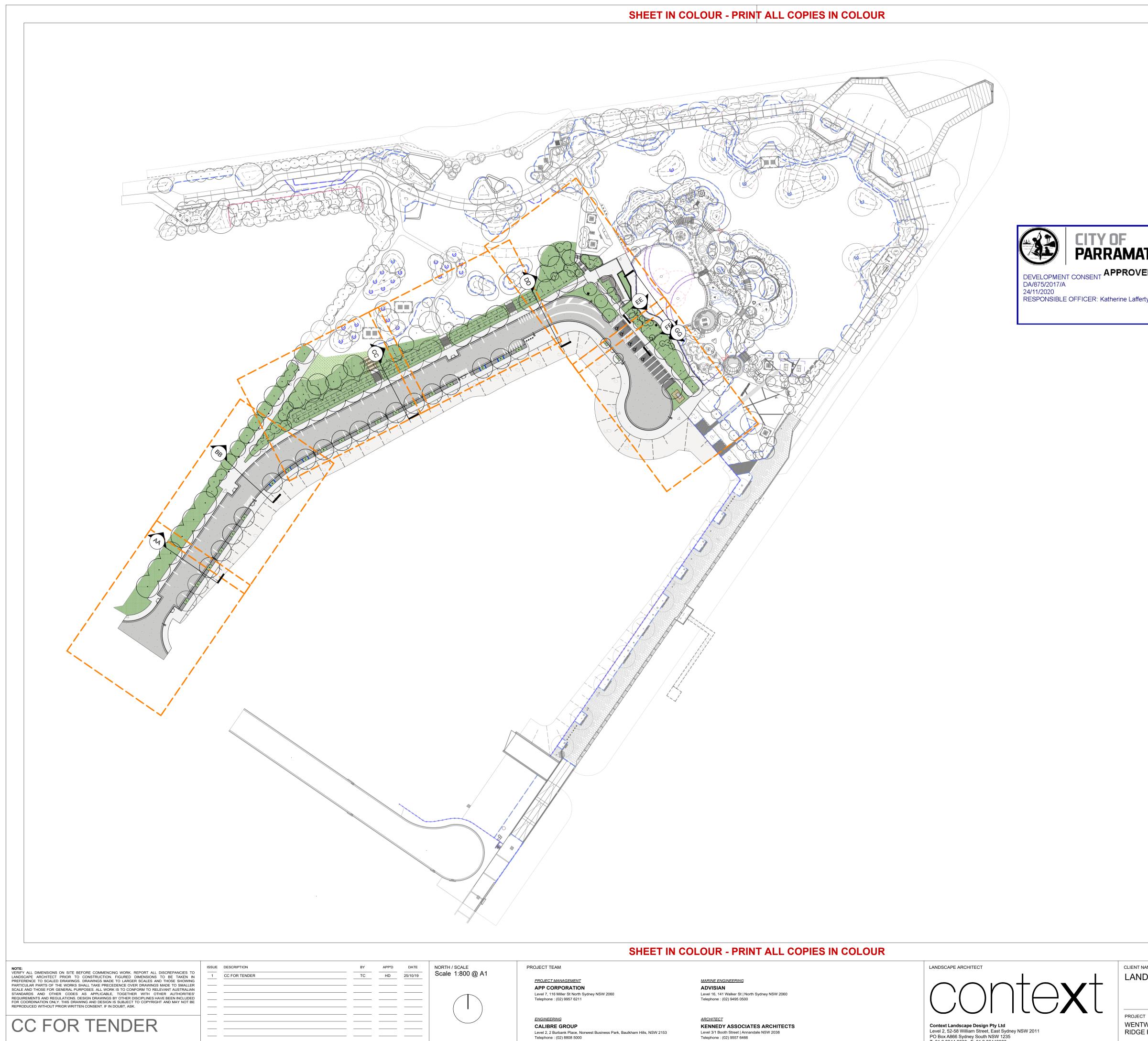
A1

ISSUE

CC

<sup>23/06/17</sup> HD JK PROJECT NUMBER 18527







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Level 3/1 Booth Street | Annandale NSW 2038 Telephone : (02) 9557 6466

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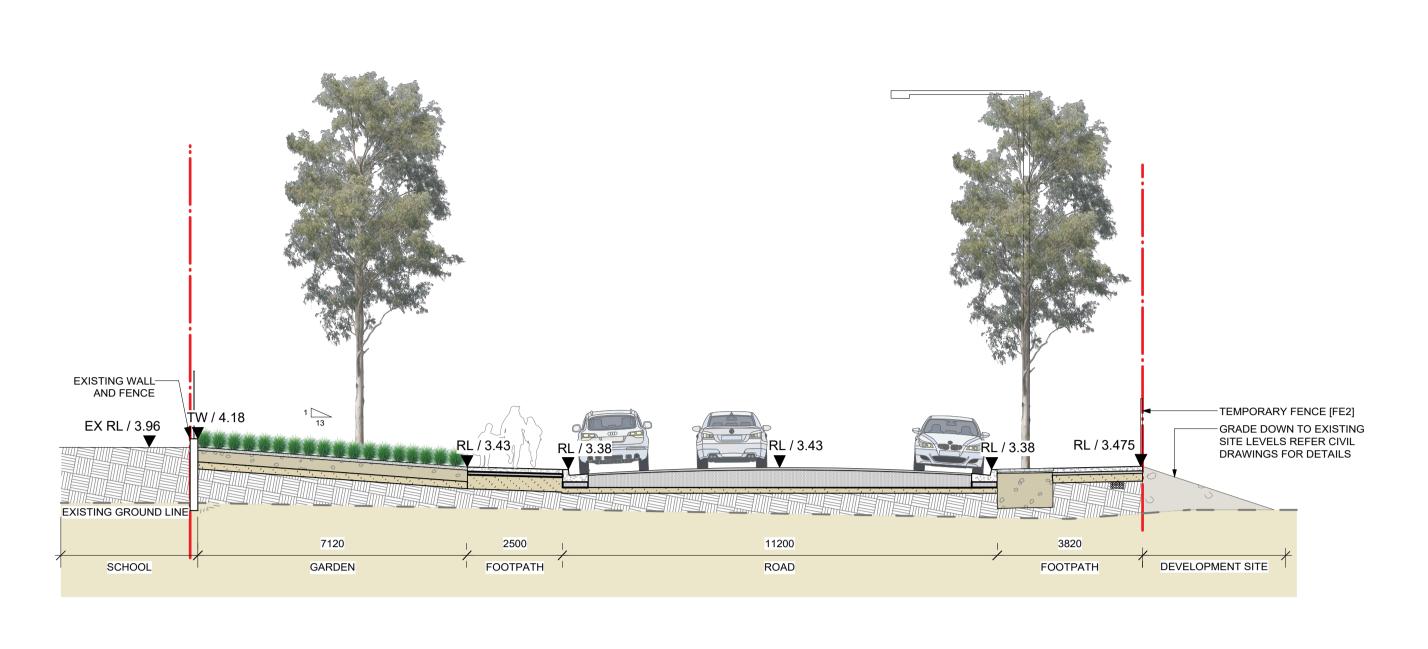
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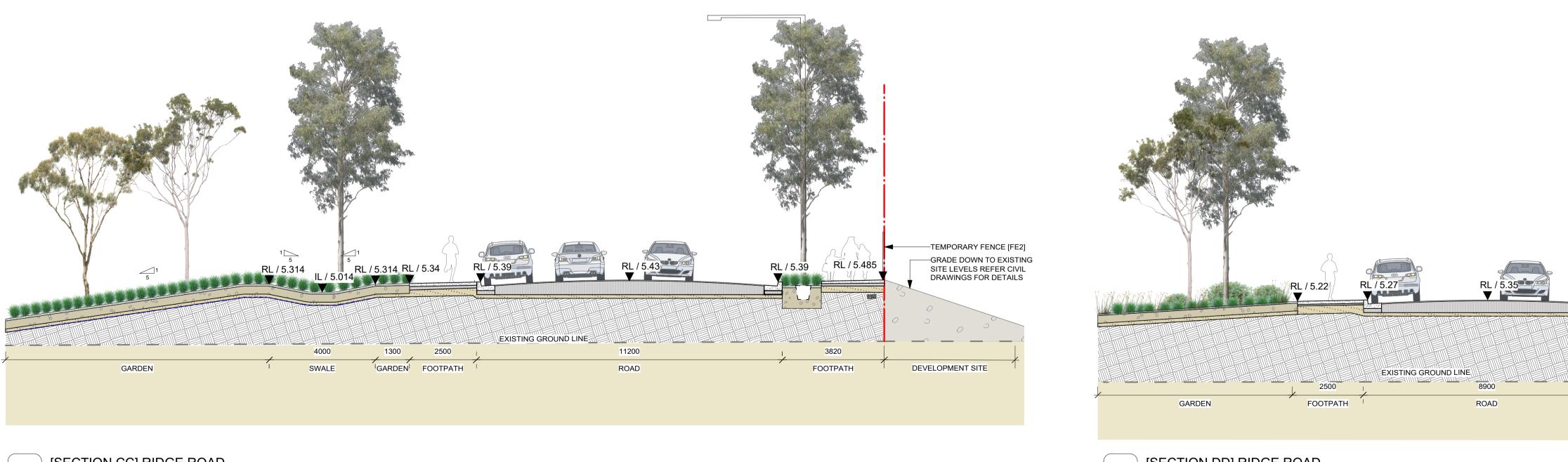
/ORTH POINT NSW 2127	18527			L_3701	1	
EROAD	PROJECT NU	MBER			ISSUE	
WORTH POINT PENINSULA PARK	JK	23/06/17	HD	CC	A1	
т.	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE	
	DRAWING TITLE SECTIONS KEY PLAN					





[SECTION AA] RIDGE ROAD SCALE: 1:100

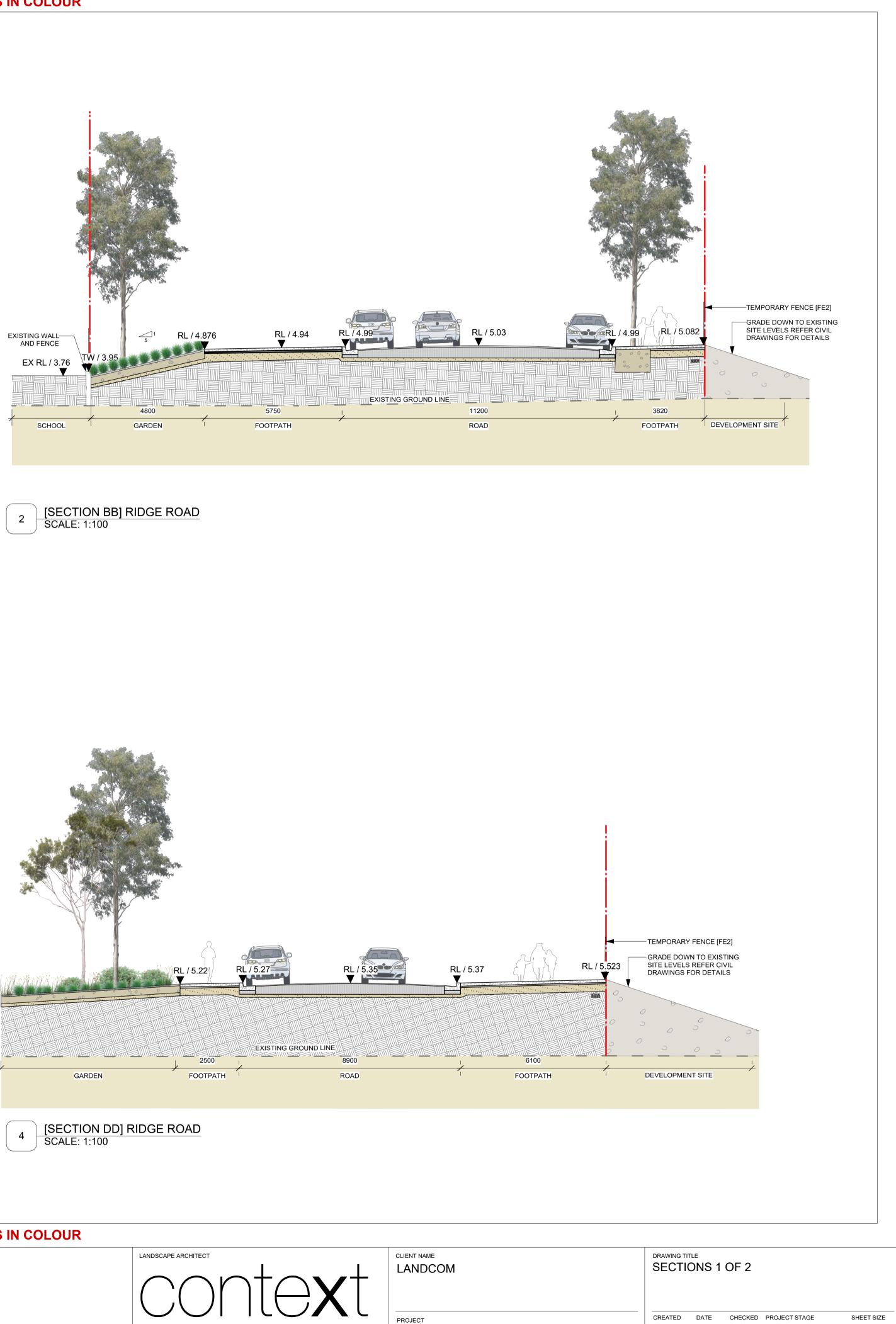






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E. context@context.net.au W. www.context.net.au ABN: 14 093 350 719

23/11/18

WENTWORTH POINT PENINSULA PARK	JK	23/0
RIDGE ROAD	PROJECT	NUMBER
	1852	27
WENTWORTH POINT NSW 2127		

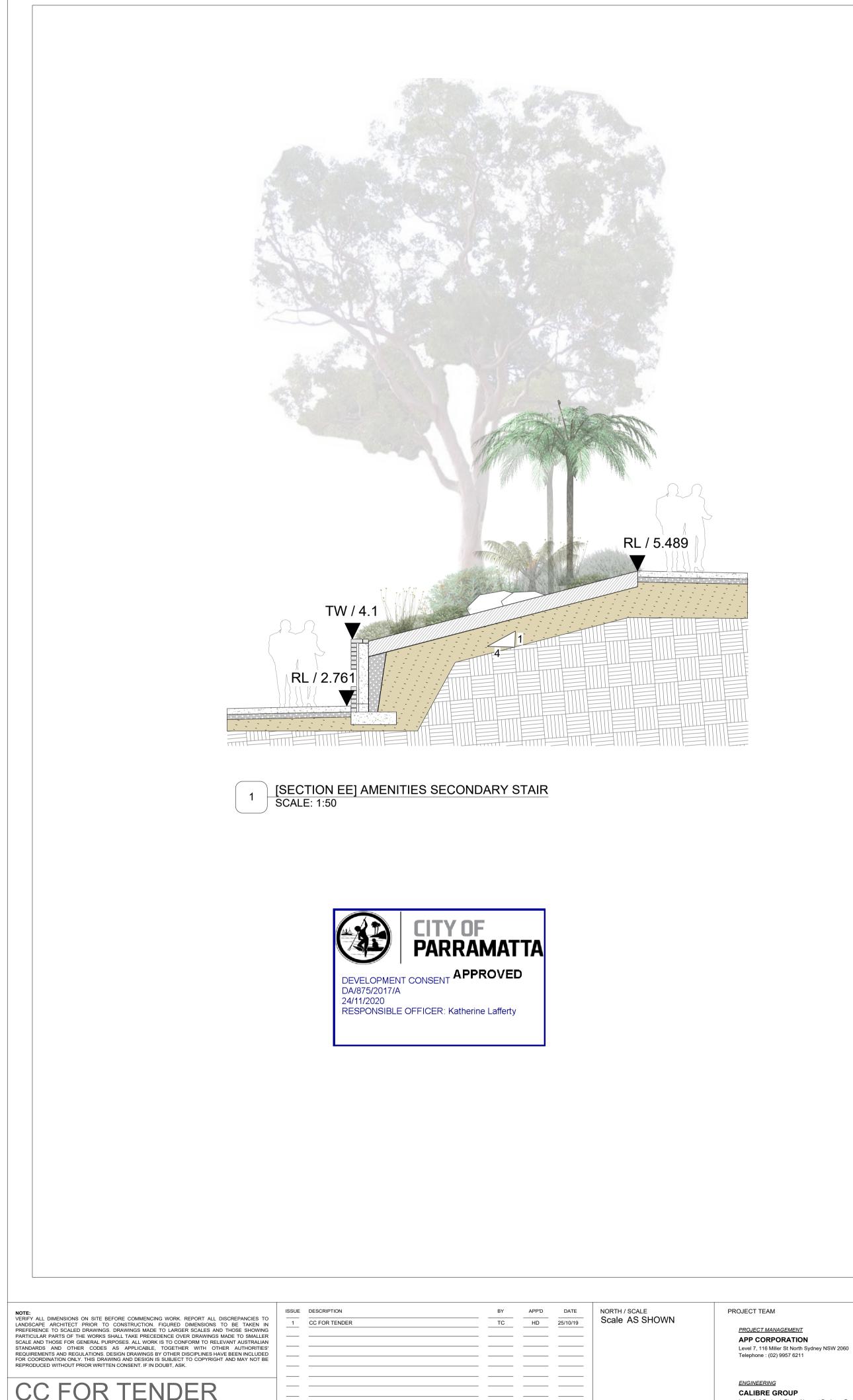
A1

ISSUE

1

CC

23/06/17 HD



CC FOR TENDER
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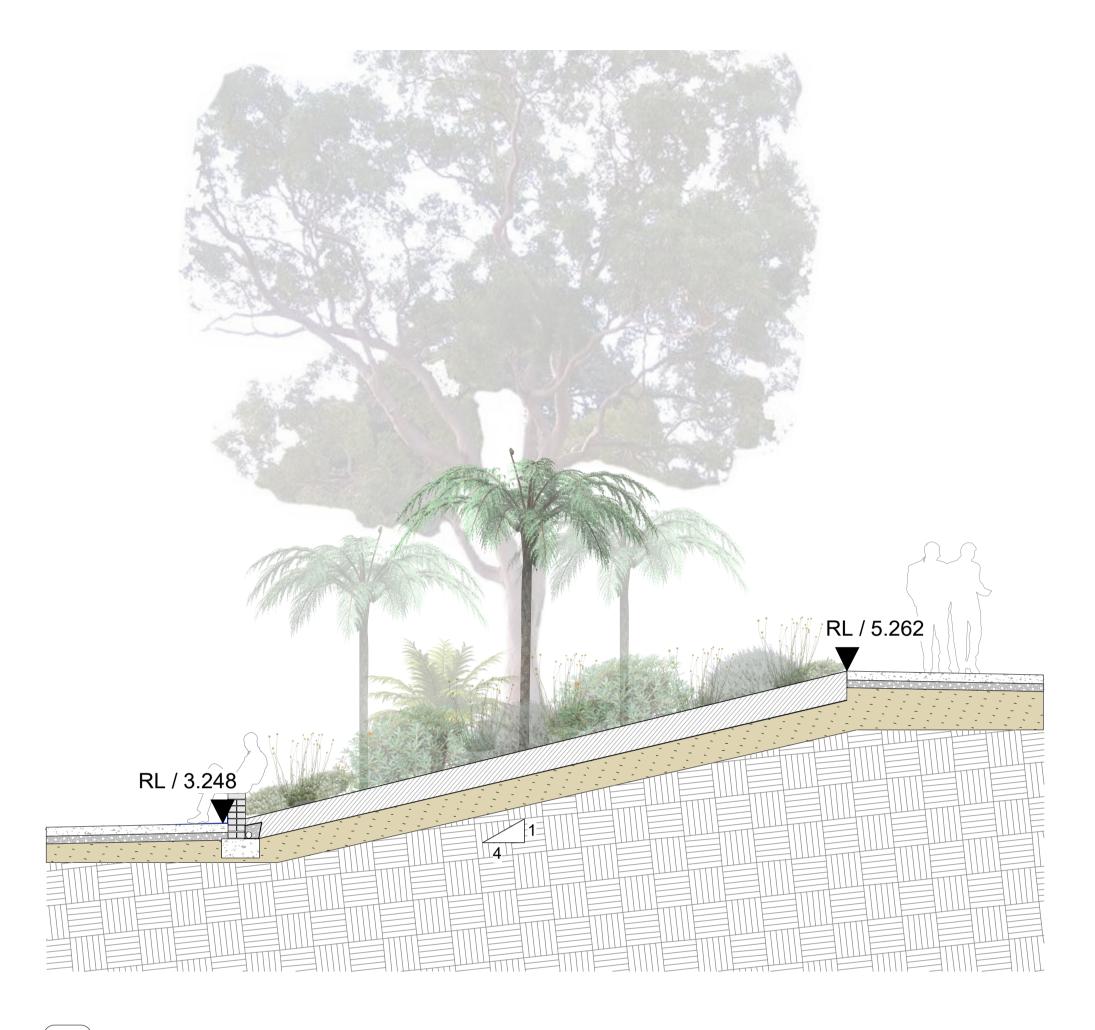
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2

[SECTION FF] AMENITIES BLOCK EMBANKMENT SCALE: 1:50

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LANDSCAPE ARCHITECT

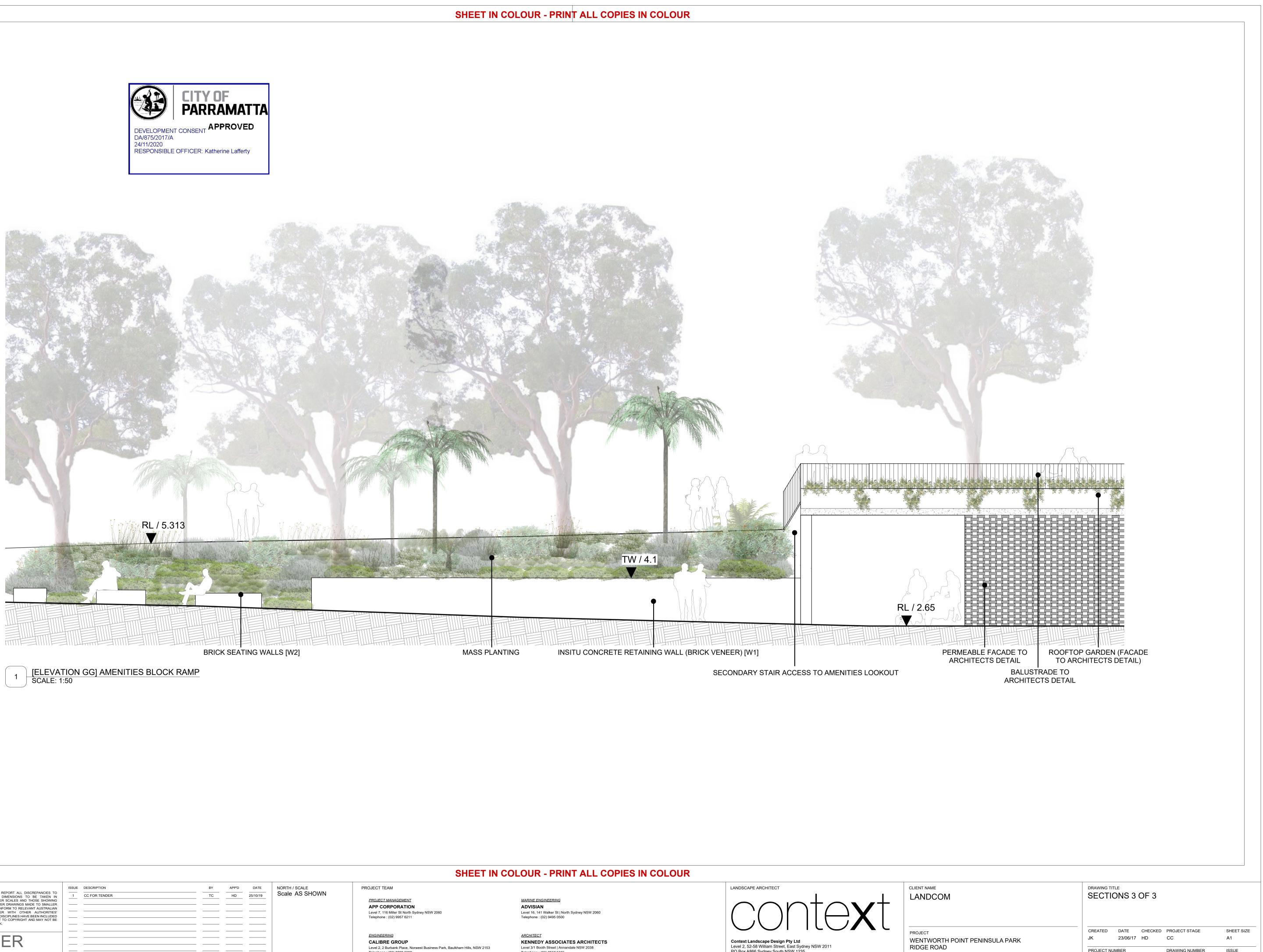
18527\_LANDSCAPE\_RIDGE RD.vwx

Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153

23/11/18

CLIENT NAME	DRAWING TITLE					
LANDCOM	SECTIONS 2 OF 2					
PROJECT	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE	
WENTWORTH POINT PENINSULA PARK	JK	23/06/17	HD	CC	A1	
RIDGE ROAD	PROJECT NU			DRAWING NUMBER	ISSUE	
WENTWORTH POINT NSW 2127	18527			L_3703	1	





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Telephone : (02) 9557 6466

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23/11/18

WENTWORTH POINT NSW 2127

PROJECT NUMBER

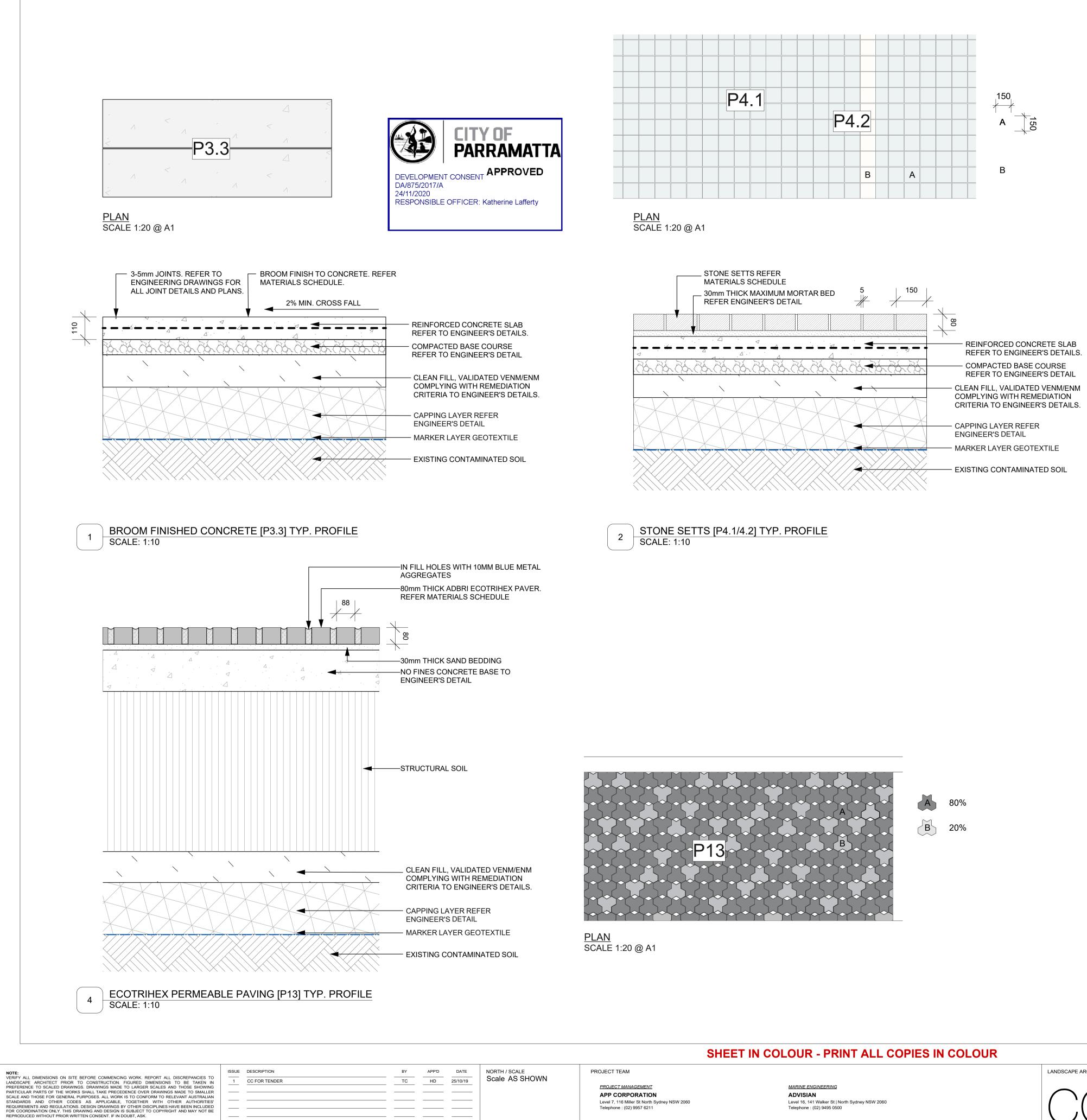
18527

DRAWING NUMBER

L\_3704

ISSUE

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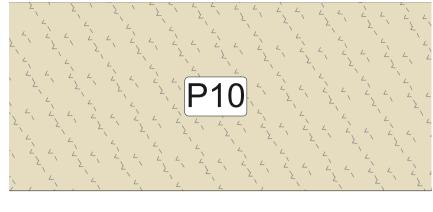
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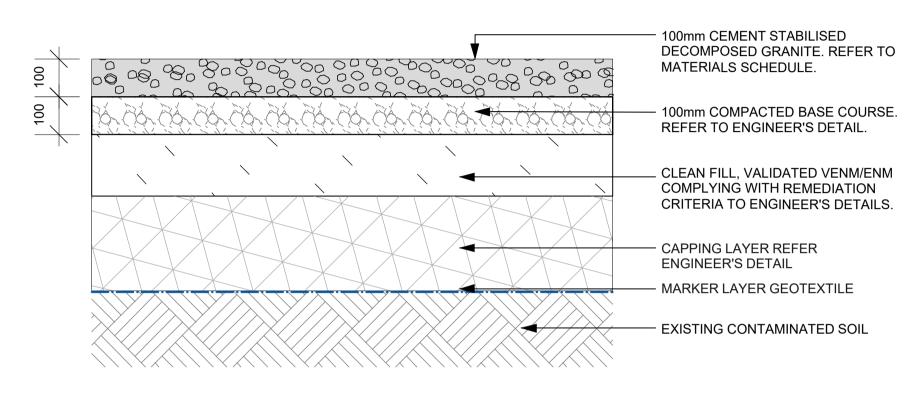
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ENGINEERING CALIBRE GROUP

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<u>PLAN</u> SCALE 1:20 @ A1



3 SCALE: 1:10

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23/11/18

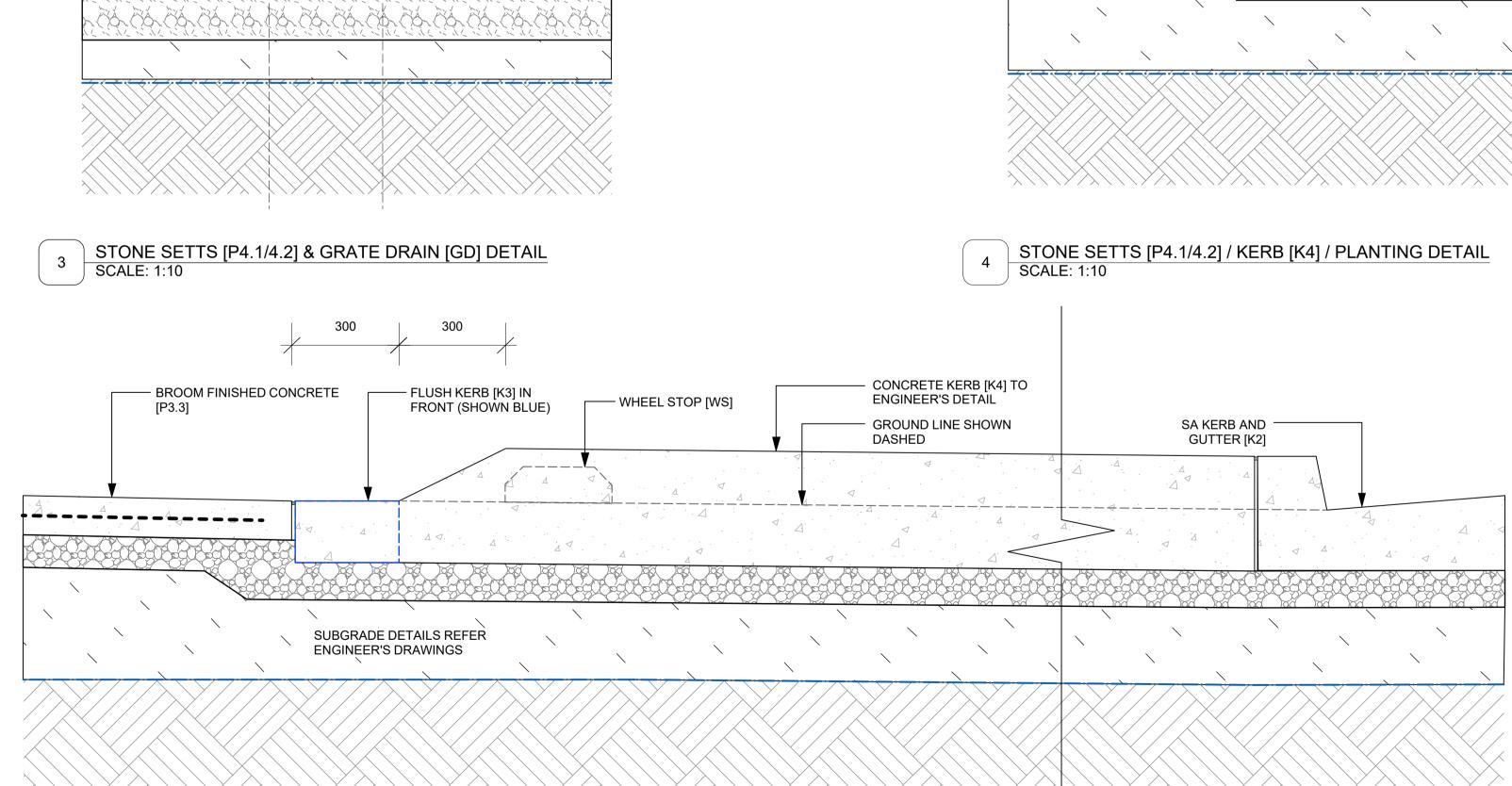
# DECOMPOSED GRANITE [P10] TYP. PROFILE

### NOTE: REFER TO ENGINEER'S DRAWINGS FOR ALL TECHNICAL DETAILS FOR HARDWORKS

		RDSCA	APE DETAILS		
CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1	
			drawing number	ISSUE 1	
	CREATED JK PROJECT NU	CREATED DATE	CREATED DATE CHECKED JK 23/06/17 HD PROJECT NUMBER	CREATED       DATE       CHECKED       PROJECT STAGE         JK       23/06/17       HD       CC         PROJECT NUMBER       DRAWING NUMBER	

6 SCALE: 1:10		<b>L</b>	• •				
							SHEET I
NOTE: VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALE AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES' REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED FOR CORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. IF IN DOUBT, ASK.	ISSUE	DESCRIPTION  CC FOR TENDER	BY TC	APP'D	DATE 25/10/19	NORTH / SCALE Scale AS SHOWN	PROJECT TEAM  PROJECT MANAGEMENT  APP CORPORATION Level 7, 116 Miller St North Sydney NSW 2060 Telephone : (02) 9957 6211  ENGINEERING  CALIBRE GROUP Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000

FLUSH KERB [K3] / KERB [K4] / SA KERB & GUTTER [K2] DETAIL





PARKING

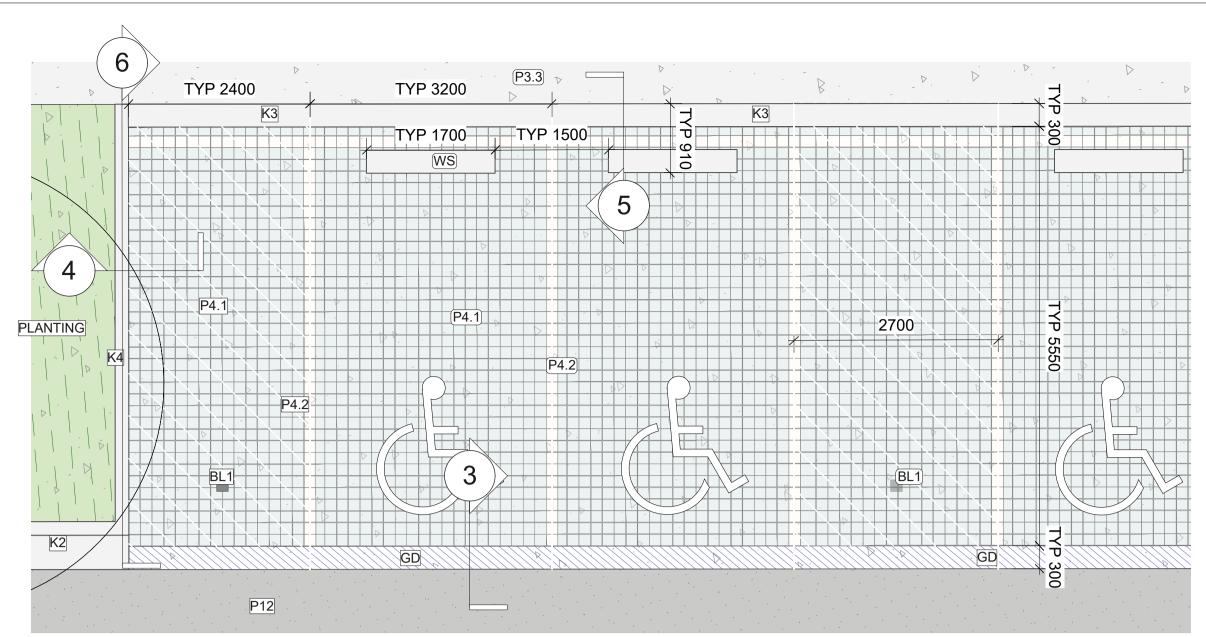
STONE SETTS [P4.1/4.2] -

6

ROAD

- GRATE DRAIN [GD] TO

ENGINEER'S DETAIL



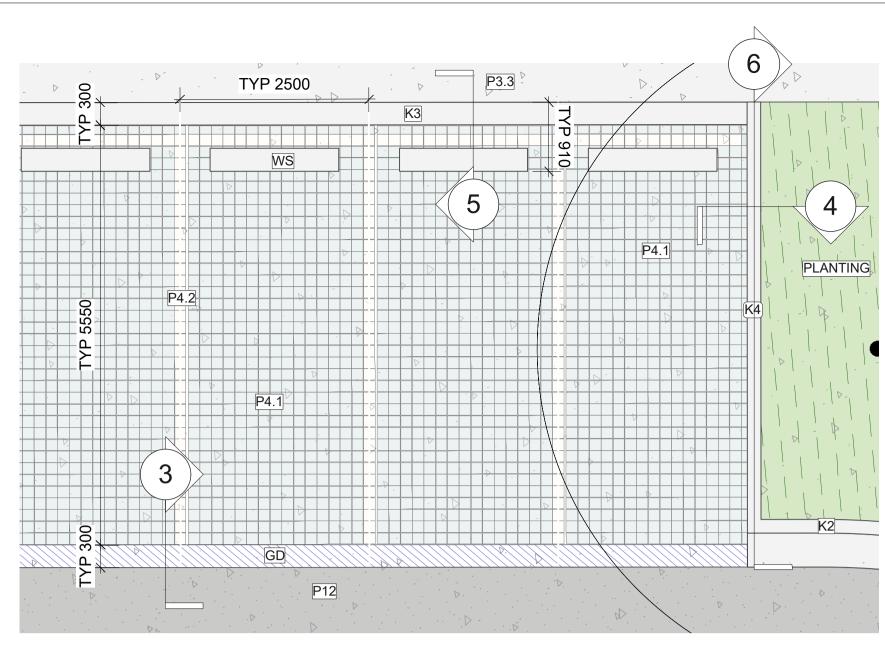
- BITUMEN ROAD REFER TO

SUBGRADE DETAILS REFER TO

ENGINEER'S DETAIL

ENGINEER'S DRAWING

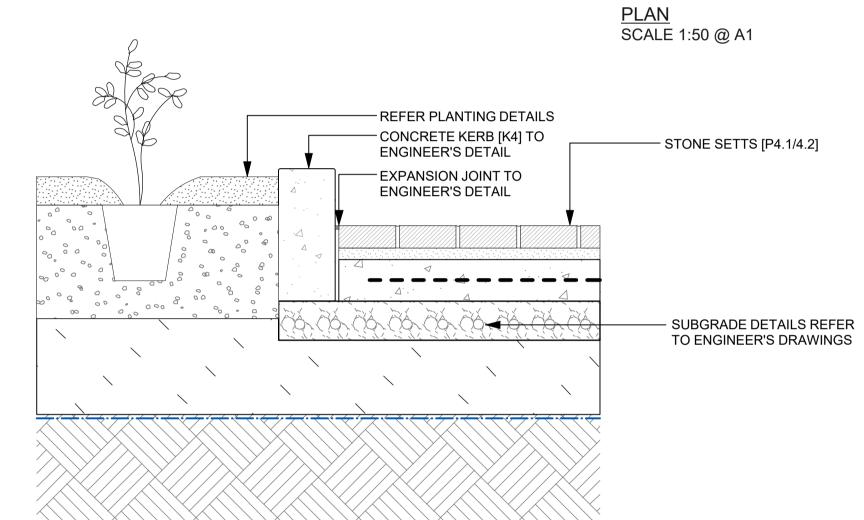
# SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR



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5

SCALE: 1:10





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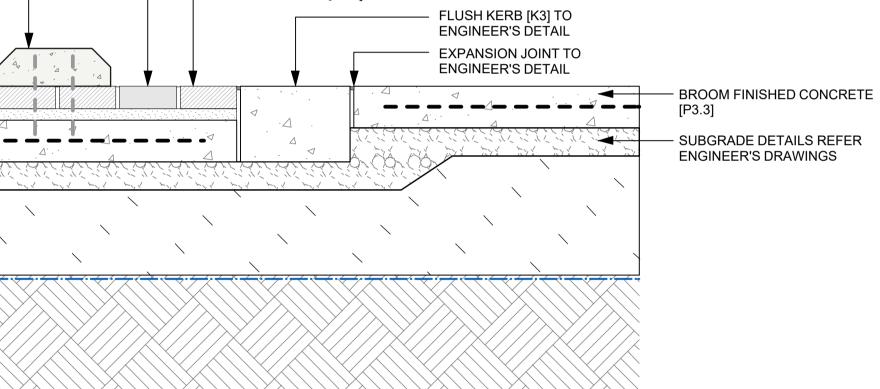
KENNEDY ASSOCIATES ARCHITECTS Level 3/1 Booth Street | Annandale NSW 2038 Telephone : (02) 9557 6466



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23/11/18

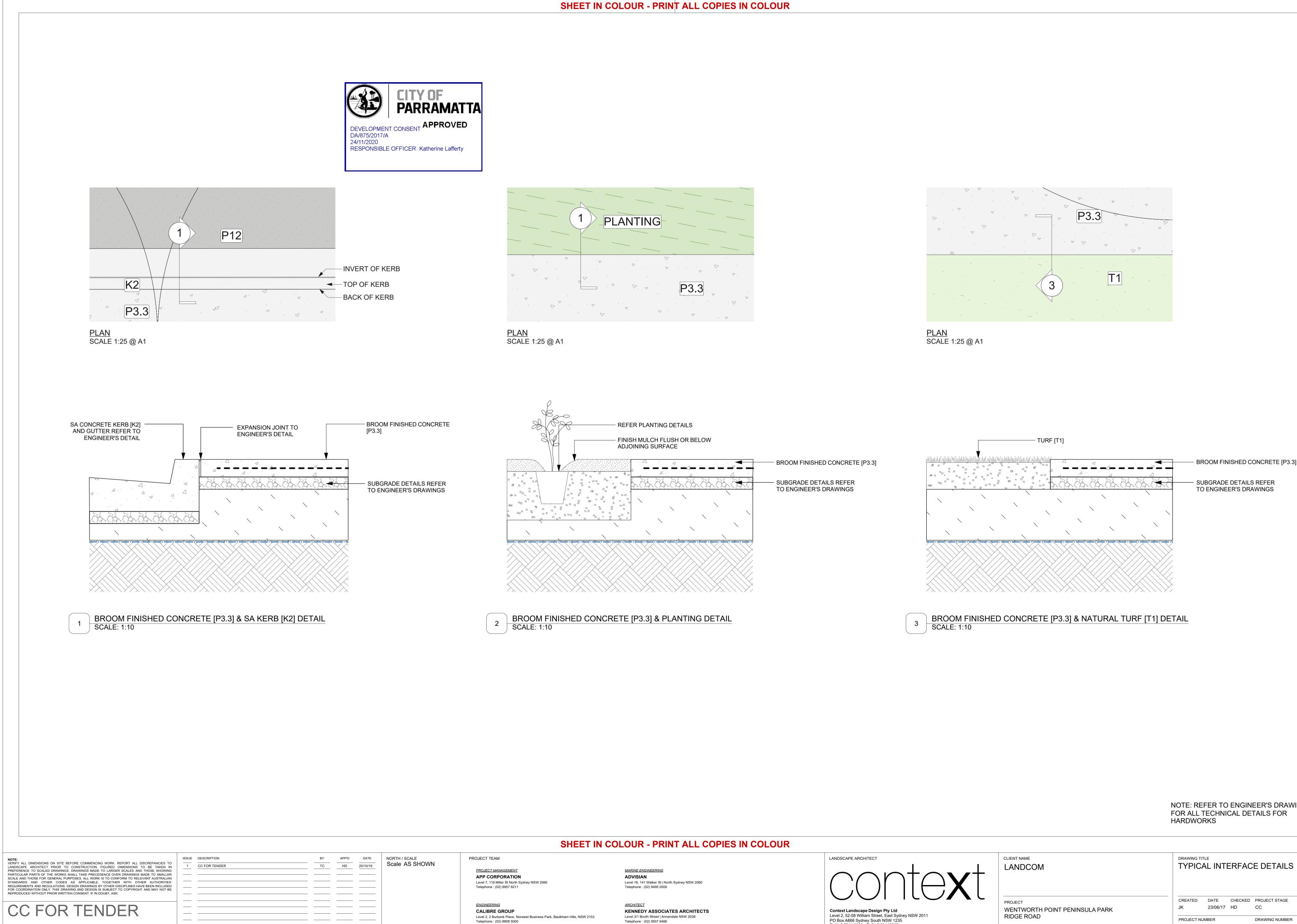
# - CONCRETE WHEEL STOP [WS] & FIXING TO ENGINEERS DETAIL WHITE STONE SETTS [P4.2] — STONE SETTS [P4.1]

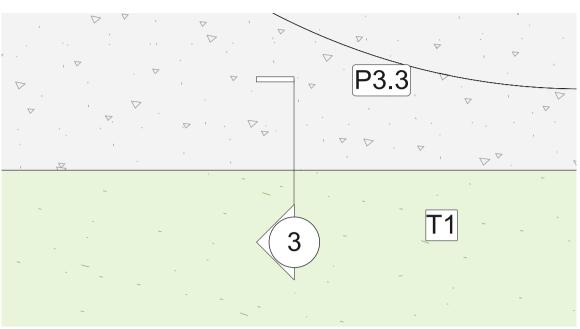


# BROOM FINISHED CONCRETE [P3.3] & STONE SETTS [P4.1/4.2] DETAIL

# NOTE: REFER TO ENGINEER'S DRAWINGS FOR ALL TECHNICAL DETAILS FOR HARDWORKS

	DRAWING TITLE TYPICAL INTERFACE DETAILS					
NORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED	PROJECT STAGE CC	SHEET SIZE A1	
VORTH POINT PENINSULA PARK E ROAD	PROJECT NU 18527			drawing number	issue 1	





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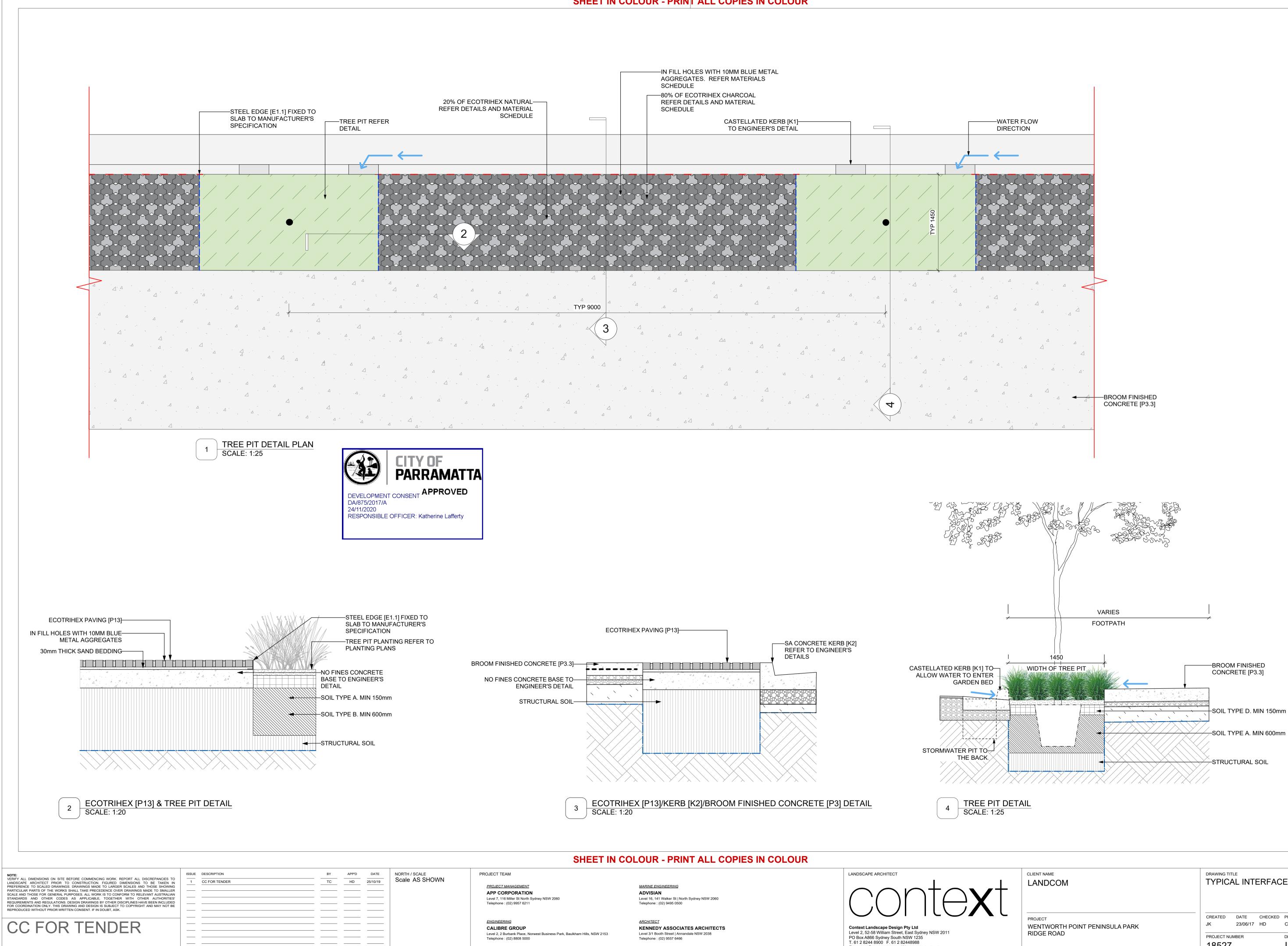
T. 61 2 8244 8900 F. 61 2 82448988 E. context@context.net.au W. www.context.net.au ABN: 14 093 350 719

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23/11/18

# NOTE: REFER TO ENGINEER'S DRAWINGS FOR ALL TECHNICAL DETAILS FOR

CLIENT NAME	DRAWING TITLE				
LANDCOM	TYPICAL INTERFAC				
PROJECT	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
WENTWORTH POINT PENINSULA PARK	JK	23/06/17	HD	CC	A1
RIDGE ROAD	PROJECT NU			DRAWING NUMBER	ISSUE
WENTWORTH POINT NSW 2127	18527	,		L_3803	1



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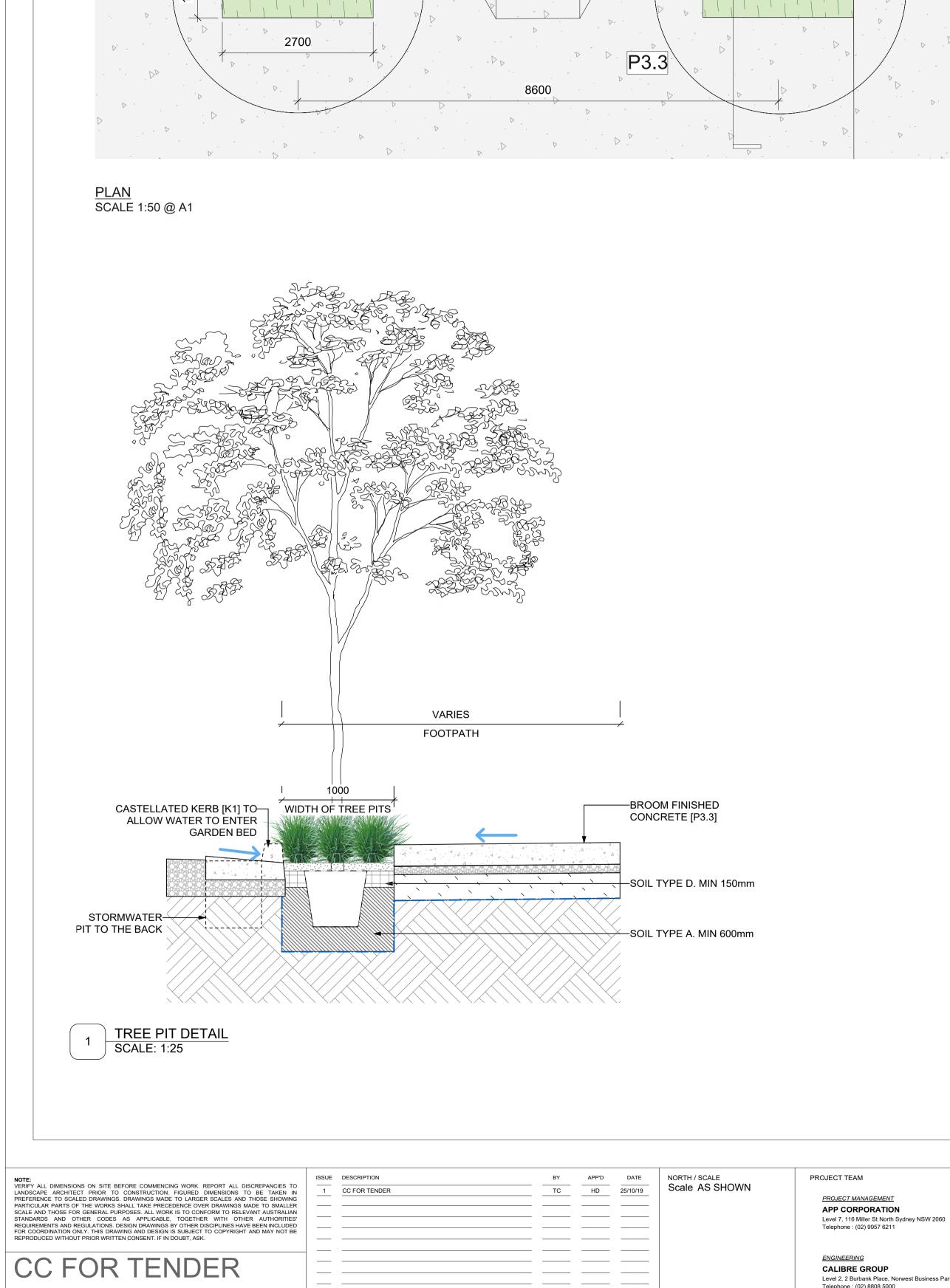


T. 61 2 8244 8900 F. 61 2 82448988 E. context@context.net.au W. www.context.net.au ABN: 14 093 350 719

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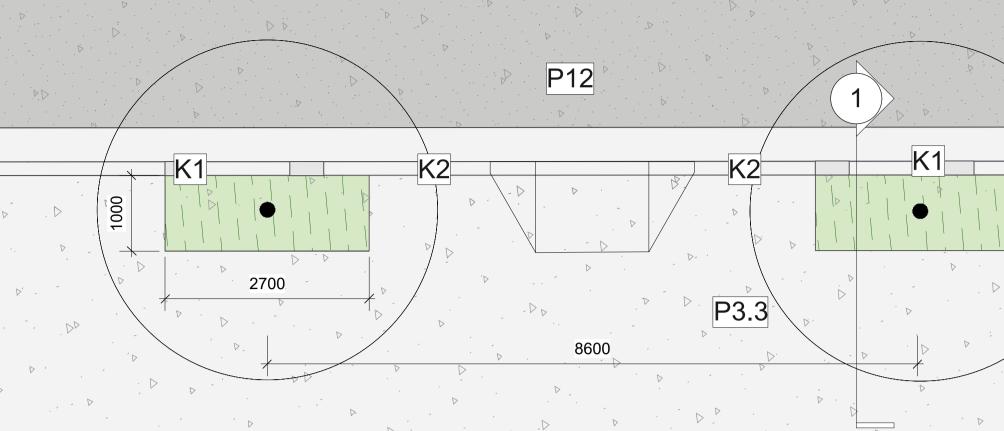
CLIENT NAME LANDCOM	DRAWING TITLE TYPICAL INTERFACE DETAILS				
PROJECT WENTWORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1
RIDGE ROAD	PROJECT NU	IMBER		DRAWING NUMBER	ISSUE
WENTWORTH POINT NSW 2127	18527			L_3804	1



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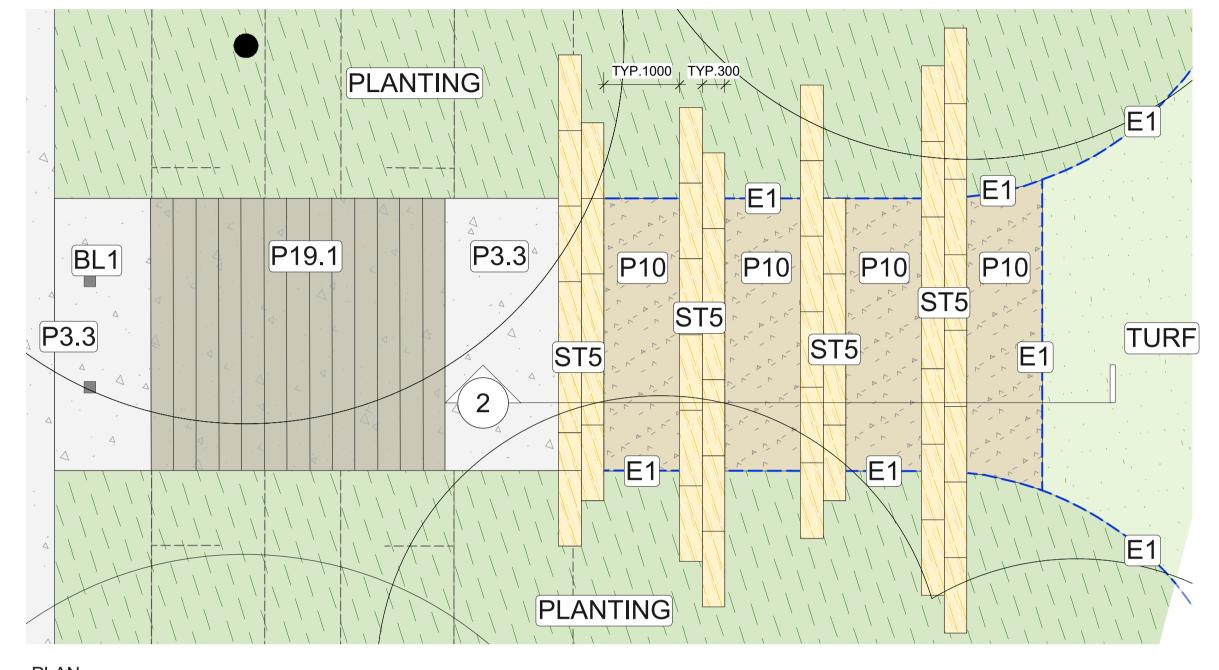
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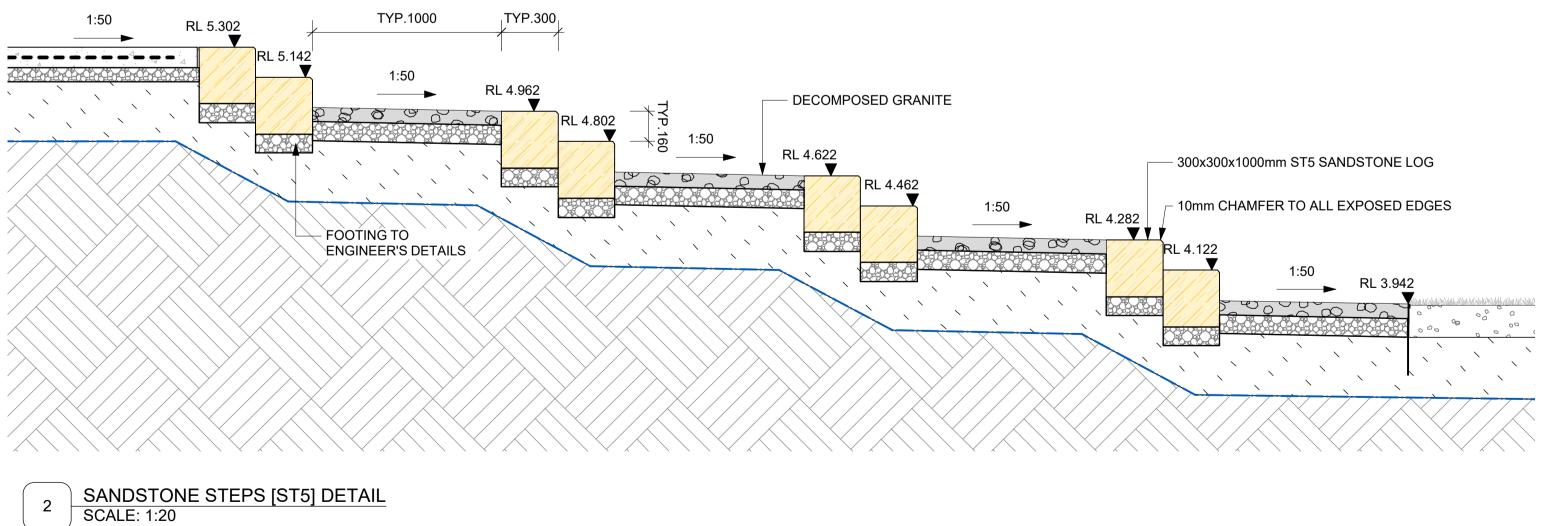








<u>PLAN</u> SCALE 1:50 @ A1



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LANDSCAPE ARCHITECT

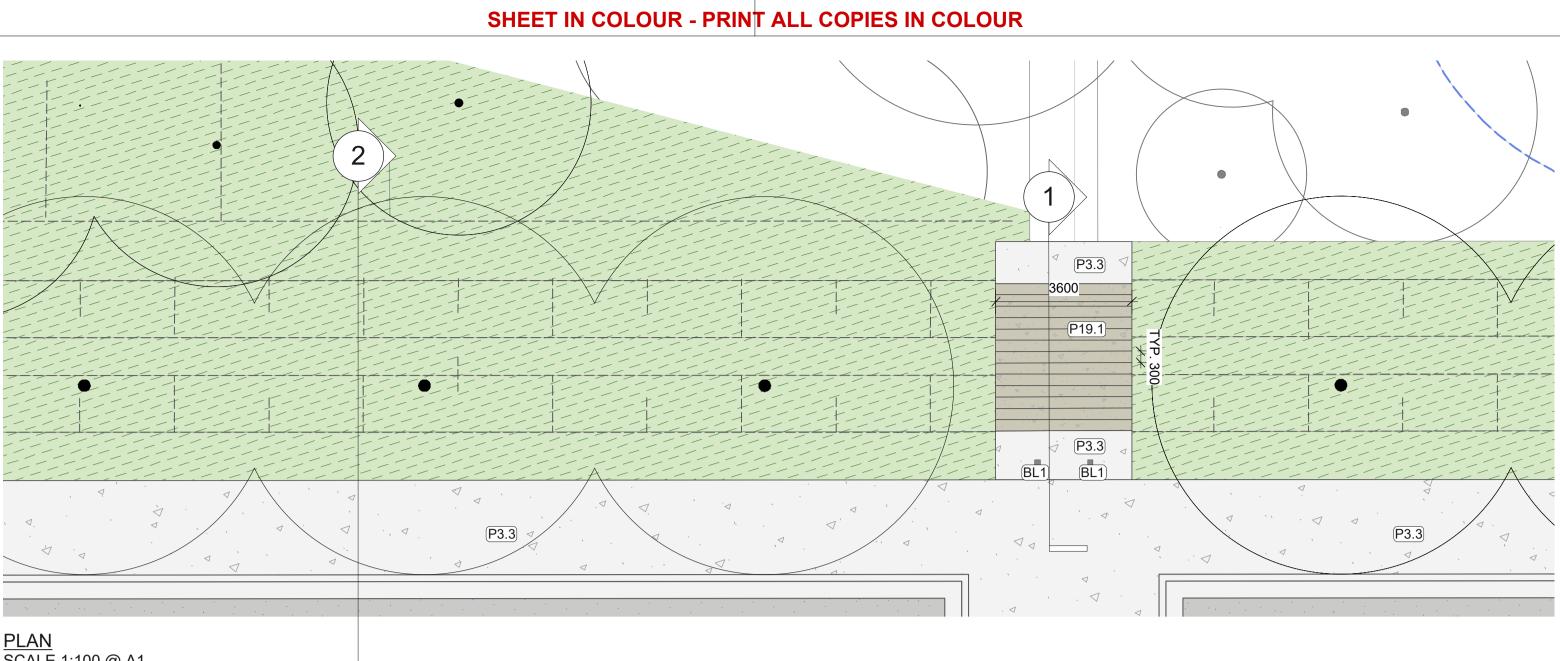
CLIENT NA LAN PROJECT WENT RIDGE WENTW

18527\_LANDSCAPE\_RIDGE RD.vwx

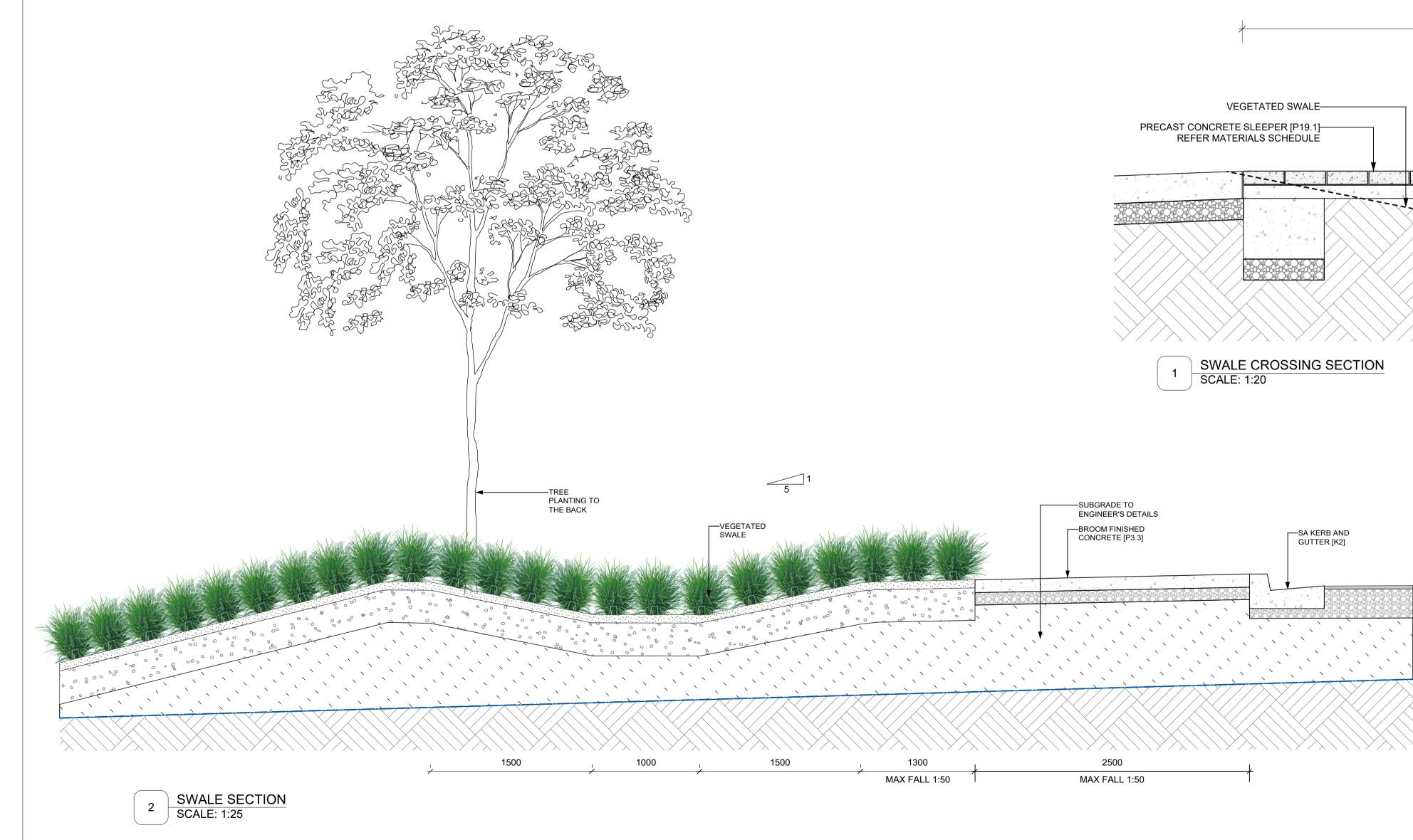
23/11/18

NAME DCOM		DRAWING TITLE TYPICAL INTERFACE DETAILS							
CT TWORTH POINT PENINSULA PARK	CREATED	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1				
E ROAD WORTH POINT NSW 2127	PROJECT NU 18527			drawing number L_3805	issue 1				

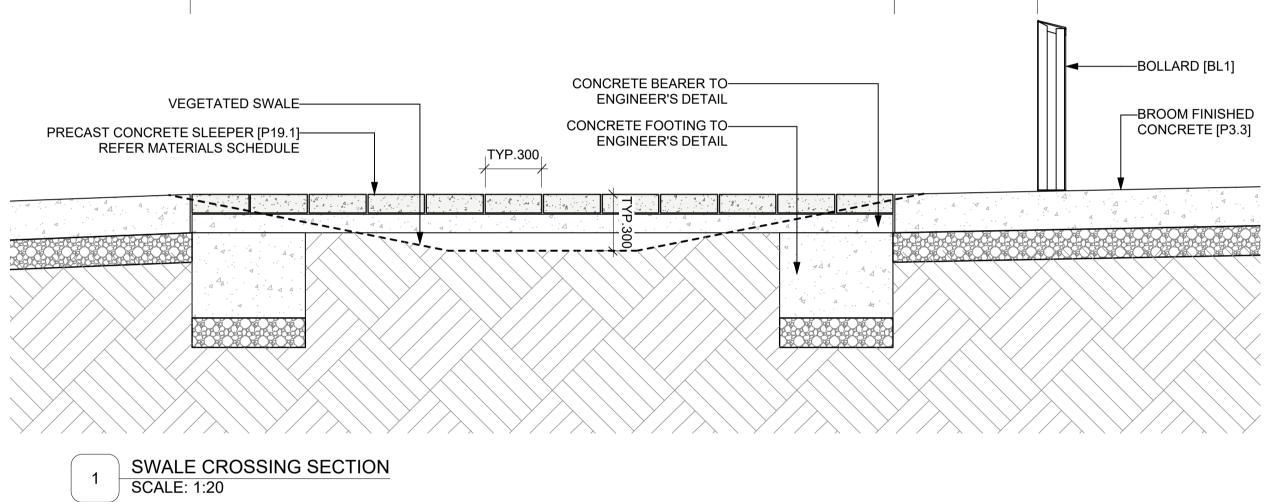








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CC FOR TENDER							ENGINEERING CALIBRE GROUP Level 2, 2 Burbank Place, Non Telephone : (02) 8808 5000



TYP. 800

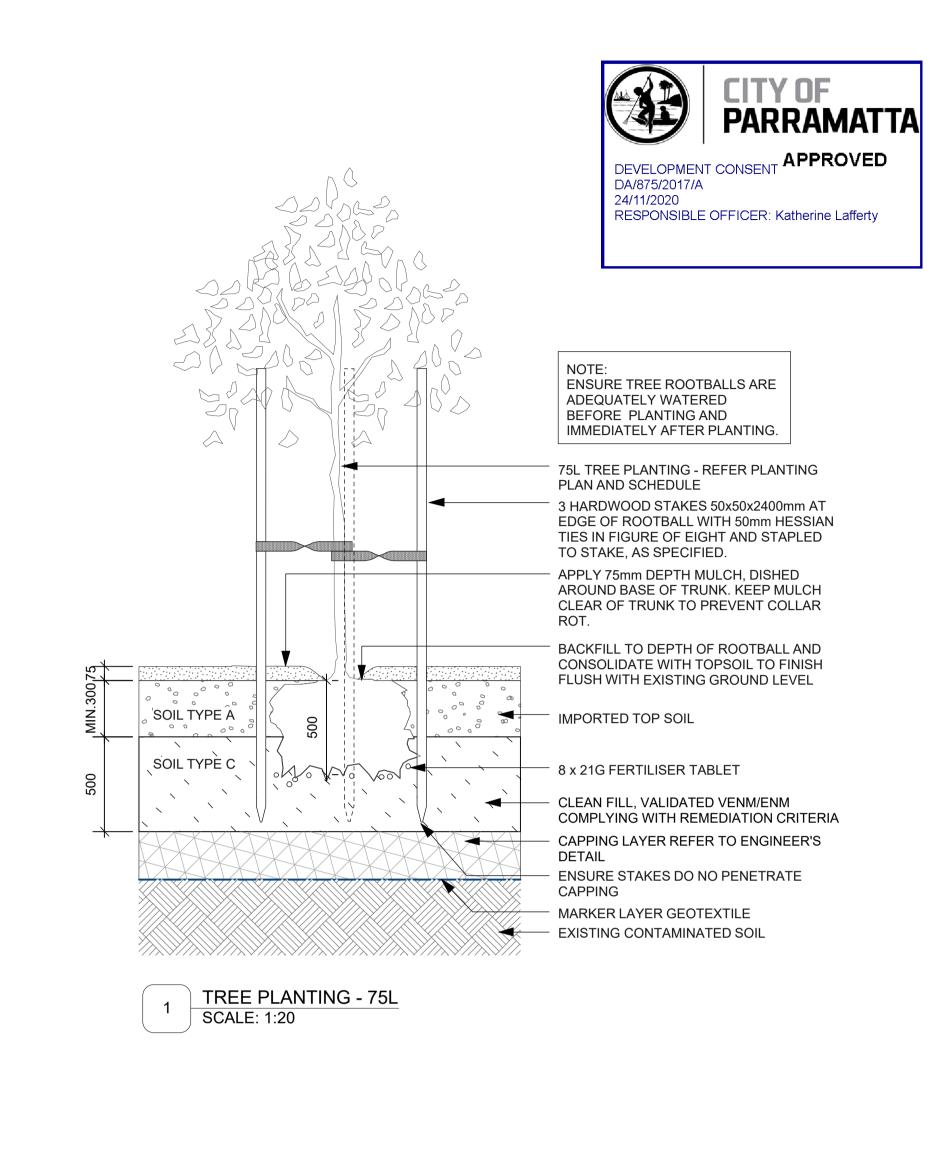
TYP. 3730

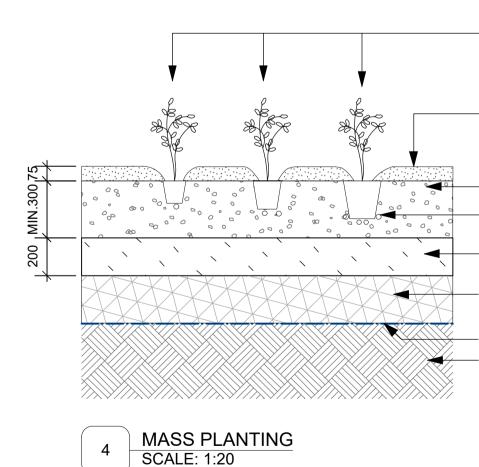


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/ORTH POINT NSW 2127	18527	•		L_3806	1			
EROAD	PROJECT NU	JMBER	DRAWING NUMBER	ISSUE				
WORTH POINT PENINSULA PARK	JK	23/06/17	HD	СС	A1			
	CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE			
	TYPICAL DETAILS - SWALE							





TUBE STOCK, 150mm, 200mm REFER TO PLANTING PLAN AND SCHEDULE FOR TYPE AND LOCATION

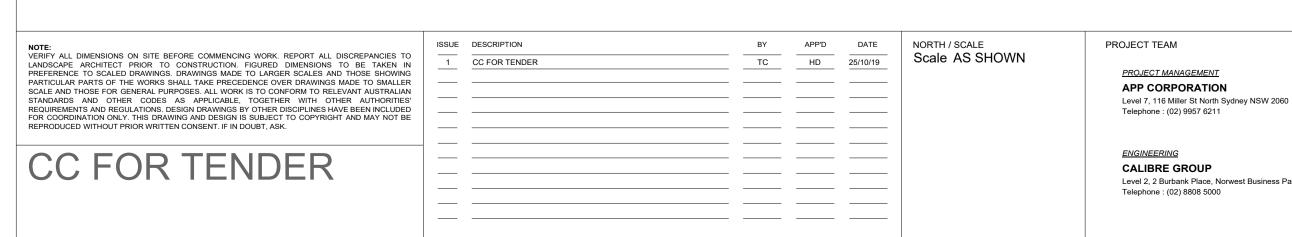
APPLY 75mm DEPTH MULCH DISHED AROUND BASE OF PLANTING STOCK REFER SPECIFICATION

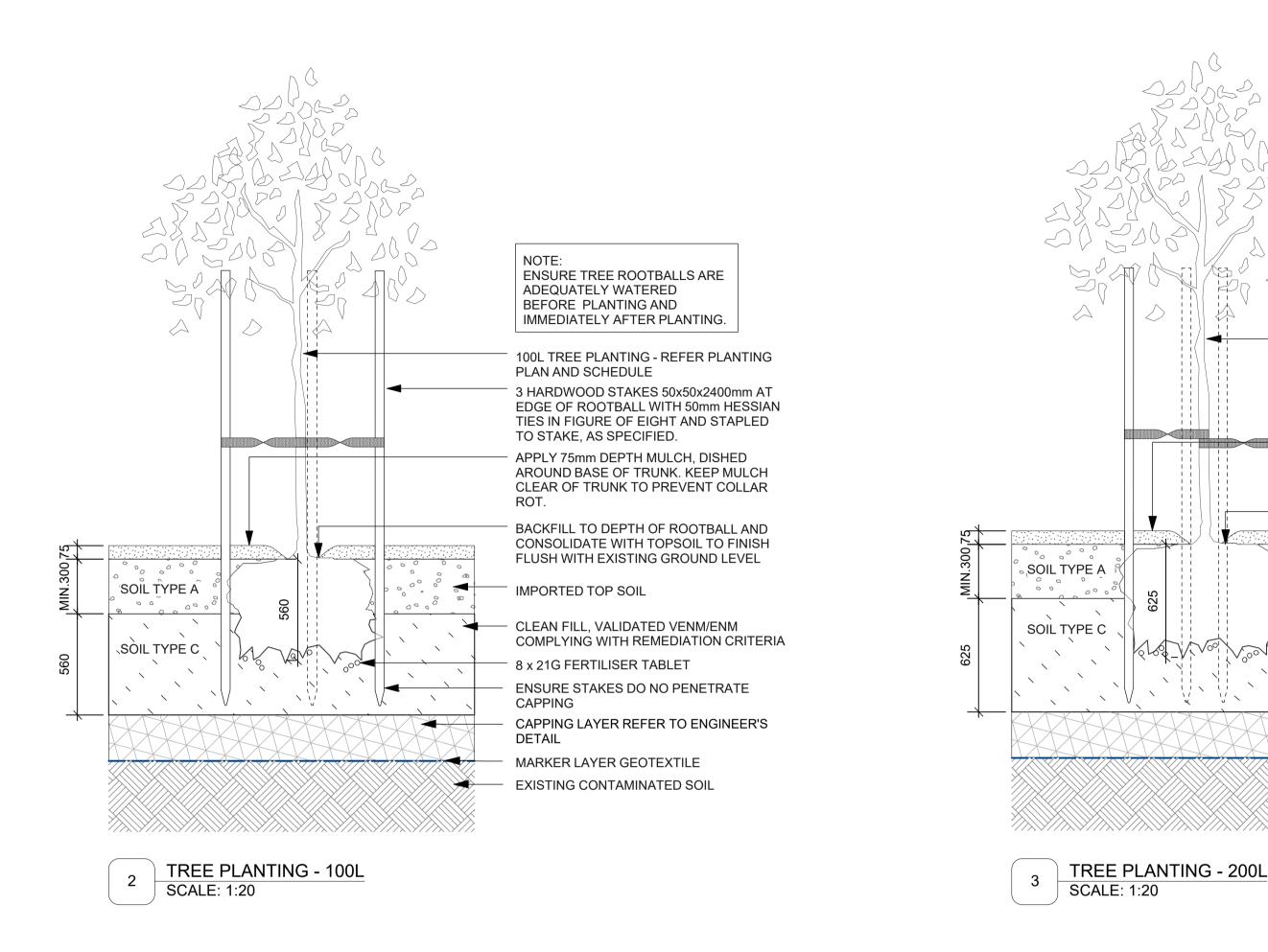
IMPORTED TOP SOIL

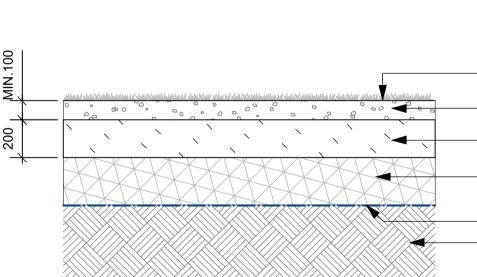
1, 2, 4 x 10G FERTILISER TABLET

CLEAN FILL, VALIDATED VENM/ENM COMPLYING WITH REMEDIATION CRITERIA CAPPING LAYER REFER TO ENGINEER'S DETAIL

MARKER LAYER GEOTEXTILE EXISTING CONTAMINATED SOIL



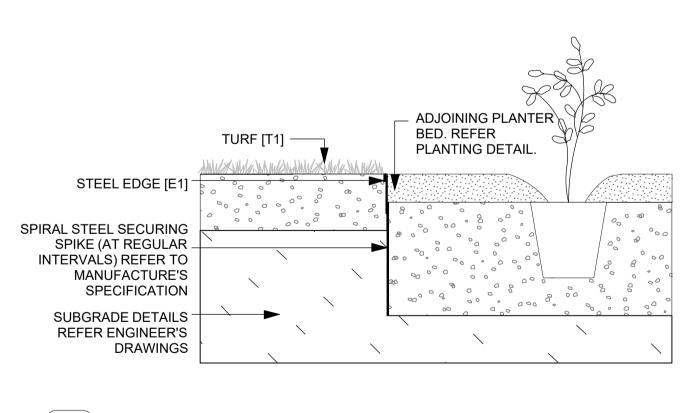


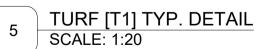


# TURF AS SPECIFIED

IMPORTED UNDERLAY CLEAN FILL, VALIDATED VENM/ENM COMPLYING WITH REMEDIATION CRITERIA CAPPING LAYER REFER TO ENGINEER'S DETAIL

MARKER LAYER GEOTEXTILE - EXISTING CONTAMINATED SOIL





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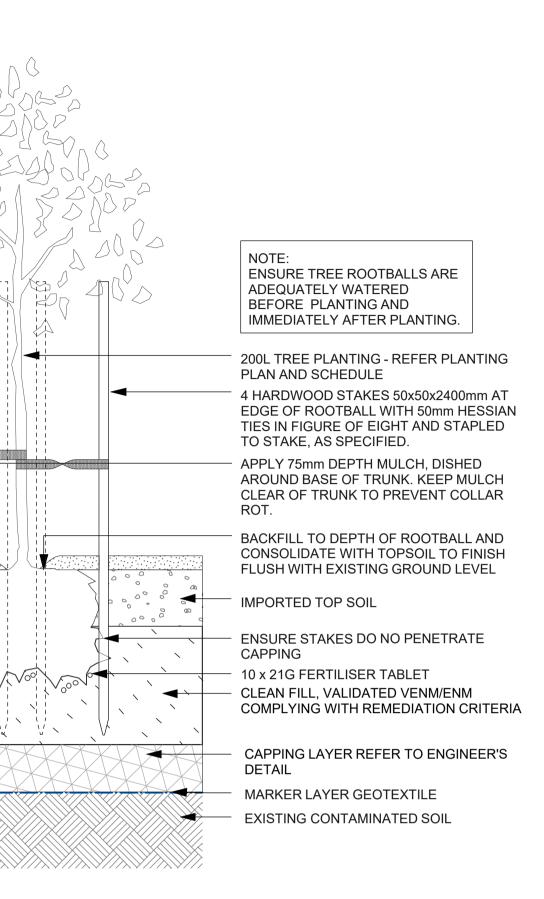
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23/11/18

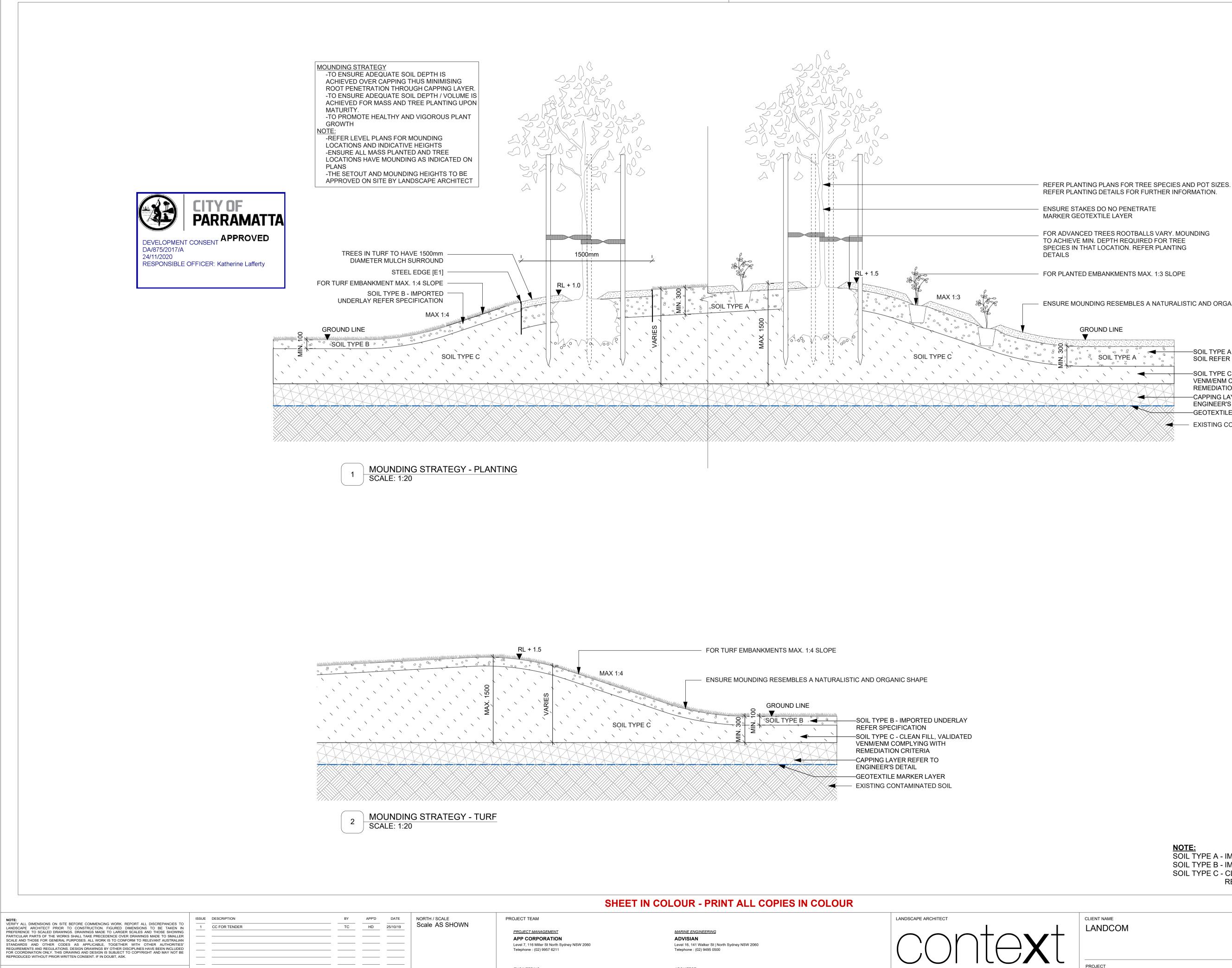




# TURF [T1] & PLANTING TYP. DETAIL SCALE: 1:10

<u>NOTE:</u> SOIL TYPE A - IMPORTED TOP SOIL. REFER SPECIFICATION SOIL TYPE B - IMPORTED TURF UNDERLAY. REFER SPECIFICATION SOIL TYPE C - CLEAN FILL TO COMPLY WITH REMEDIATION CRITERIA. **REFER ENGINEER'S DETAIL** 

CLIENT NAME LANDCOM	DRAWING TI		AILS -	SOFTWORKS	
PROJECT WENTWORTH POINT PENINSULA PARK	CREATED JK	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1
RIDGE ROAD	PROJECT NU	JMBER		DRAWING NUMBER	ISSUE
WENTWORTH POINT NSW 2127	18527			L_3831	1



CC FOR TENDE	ER
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ENGINEERING CALIBRE GROUP Telephone : (02) 8808 5000

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21/10/19

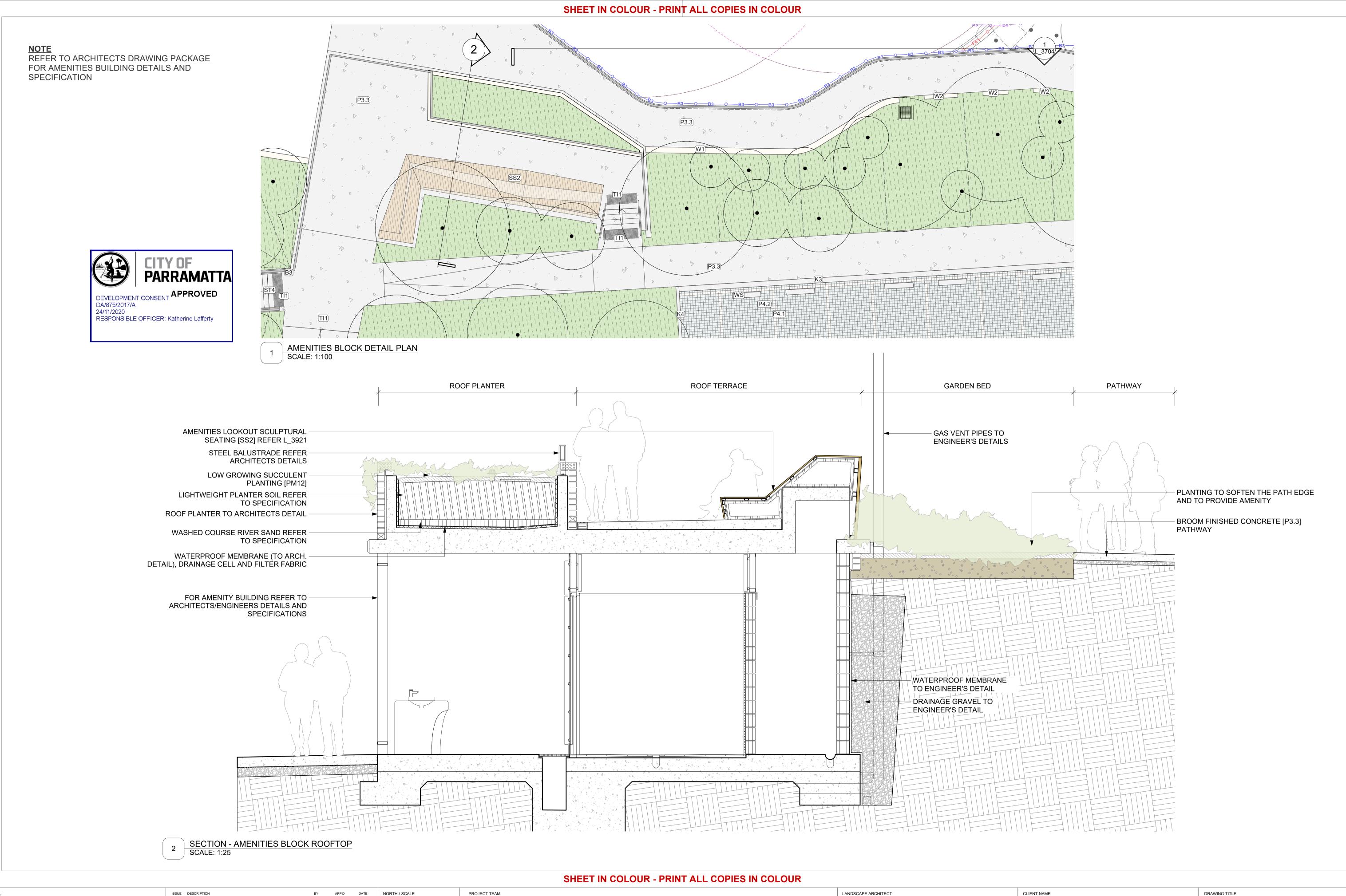
- ENSURE MOUNDING RESEMBLES A NATURALISTIC AND ORGANIC SHAPE

-SOIL TYPE A - IMPORTED TOP SOIL REFER SPECIFICATION

-SOIL TYPE C - CLEAN FILL, VALIDATED VENM/ENM COMPLYING WITH REMEDIATION CRITERIA -CAPPING LAYER REFER TO ENGINEER'S DETAILS -GEOTEXTILE MARKER LAYER — EXISTING CONTAMINATED SOIL

## <u>NOTE:</u> SOIL TYPE A - IMPORTED TOP SOIL. REFER SPECIFICATION SOIL TYPE B - IMPORTED TURF UNDERLAY. REFER SPECIFICATION SOIL TYPE C - CLEAN FILL TO COMPLY WITH REMEDIATION CRITERIA. **REFER ENGINEER'S DETAIL**

		DRAWING TITLE TYPICAL DETAILS - SOFTWORKS						
T WORTH POINT PENINSULA PARK	CREATED	DATE 23/06/17	CHECKED HD	PROJECT STAGE CC	SHEET SIZE A1			
E ROAD VORTH POINT NSW 2127	PROJECT NUMBER			drawing number L_3832	ISSUE 1			



NOTE:	ISSUE	DESCRIPTION	BY	APP'D	DATE	NORTH / SCALE	PROJECT TEAM
/ERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO ANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN	1	CC FOR TENDER	TC	HD	25/10/19	Scale AS SHOWN	
PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER							PROJECT MANAGEMENT
SCALE AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN							
REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED							Level 7, 116 Miller St North Sydney NSW 2060 Telephone : (02) 9957 6211
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CC FOR TENDER							<u>ENGINEERING</u>
							CALIBRE GROUP
							Level 2, 2 Burbank Place, Norwest Business Park, Baulkham Hills, NSW 2153 Telephone : (02) 8808 5000

MARINE ENGINEERING ADVISIAN Telephone : (02) 9495 0500

Level 16, 141 Walker St | North Sydney NSW 2060

<u>ARCHITECT</u> KENNEDY ASSOCIATES ARCHITECTS Level 3/1 Booth Street | Annandale NSW 2038 Telephone : (02) 9557 6466

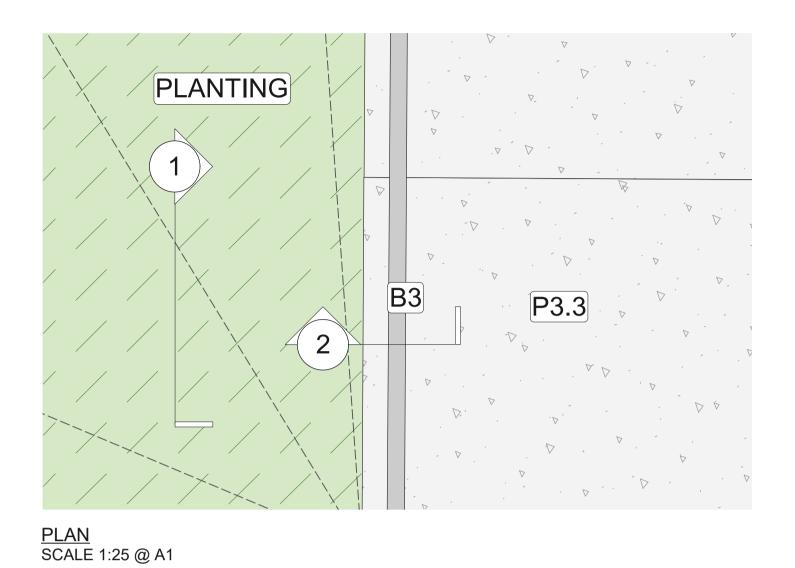
Context Landscape Design Pty Ltd Level 2, 52-58 William Street, East Sydney NSW 2011 PO Box A866 Sydney South NSW 1235 T. 61 2 8244 8900 F. 61 2 82448988 E. context@context.net.au W. www.context.net.au ABN: 14 093 350 719

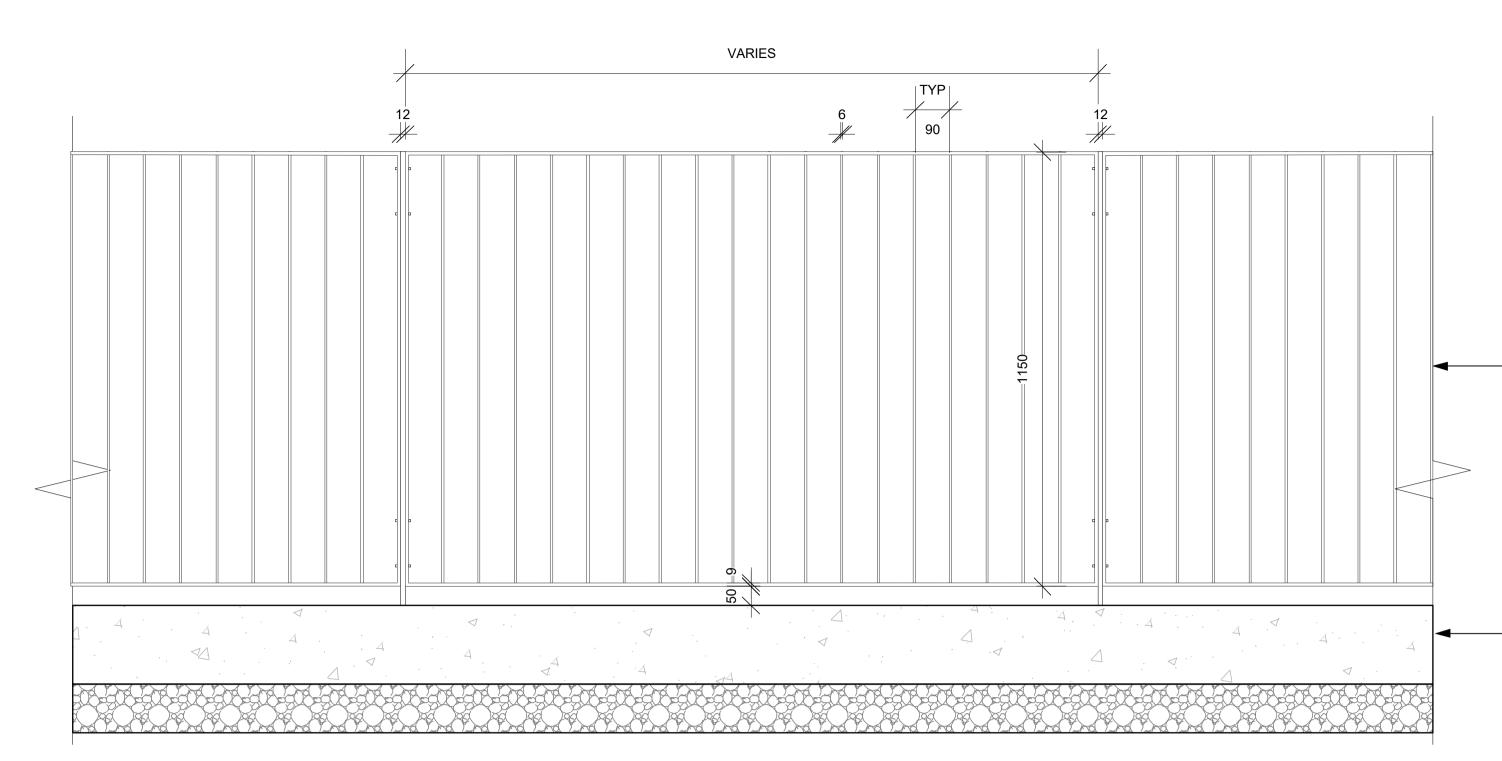
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NOTE: VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION, FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALE AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES' REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. IF IN DOUBT, ASK.	ISSUE         DESCRIPTION           1         CC FOR TENDER	ВҮ ТС 	APP'D	DATE 25/10/19	NORTH / SCALE Scale AS SHOWN	PROJECT TEAM <u>PROJECT MANA</u> <b>APP CORPO</b> Level 7, 116 Miller Telephone : (02) §
CC FOR TENDER						ENGINEERING CALIBRE GF Level 2, 2 Burban Telephone : (02) 8

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PALISADE BALUSTRADE [B3] DETAIL SCALE: 1:10

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IAGEMENT ORATION iller St North Sydney NSW 2060 2) 9957 6211

ROUP ank Place, Norwest Business Park, Baulkham Hills, NSW 2153 ) 8808 5000

Level 16, 141 Walker St | North Sydney NSW 2060 Telephone : (02) 9495 0500 <u>ARCHITECT</u>

MARINE ENGINEERING

ADVISIAN

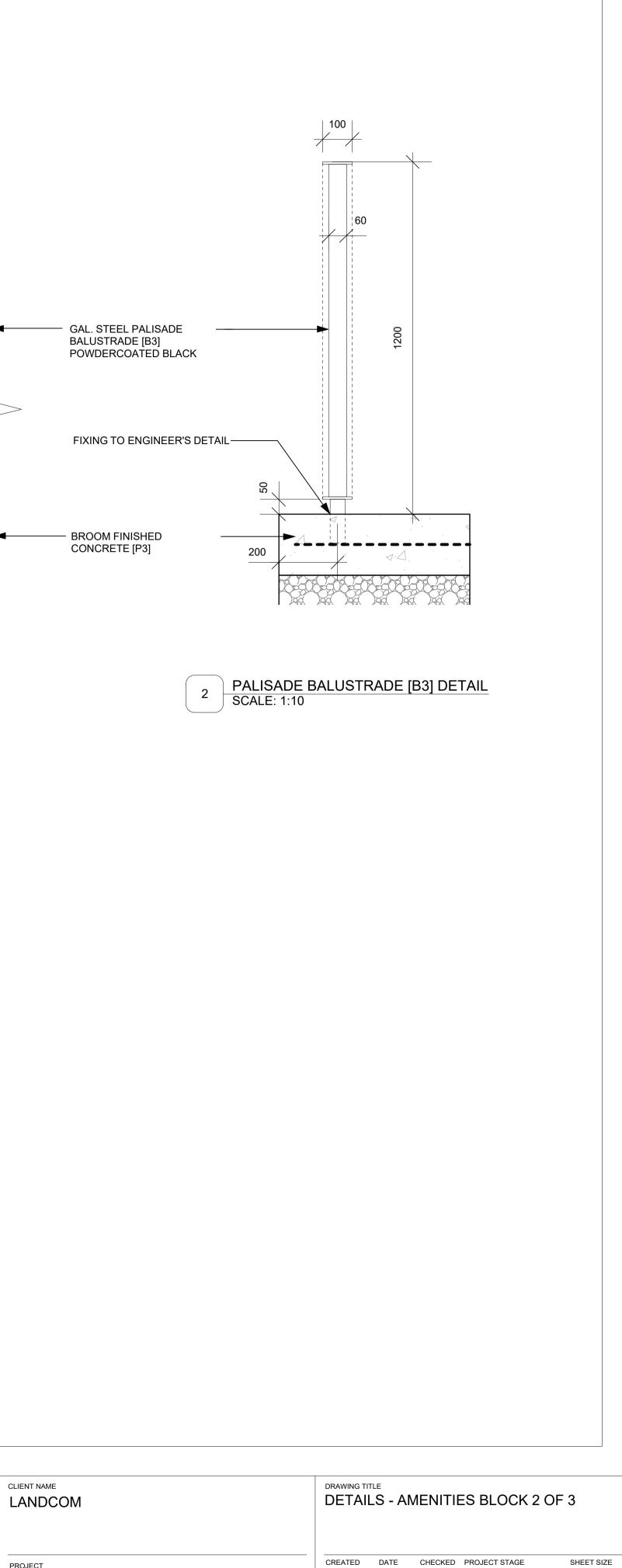
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LANDSCAPE ARCHITECT

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23/11/18



WENTWORTH POINT PENINSULA PARK RIDGE ROAD
WENTWORTH POINT NSW 2127

PROJECT

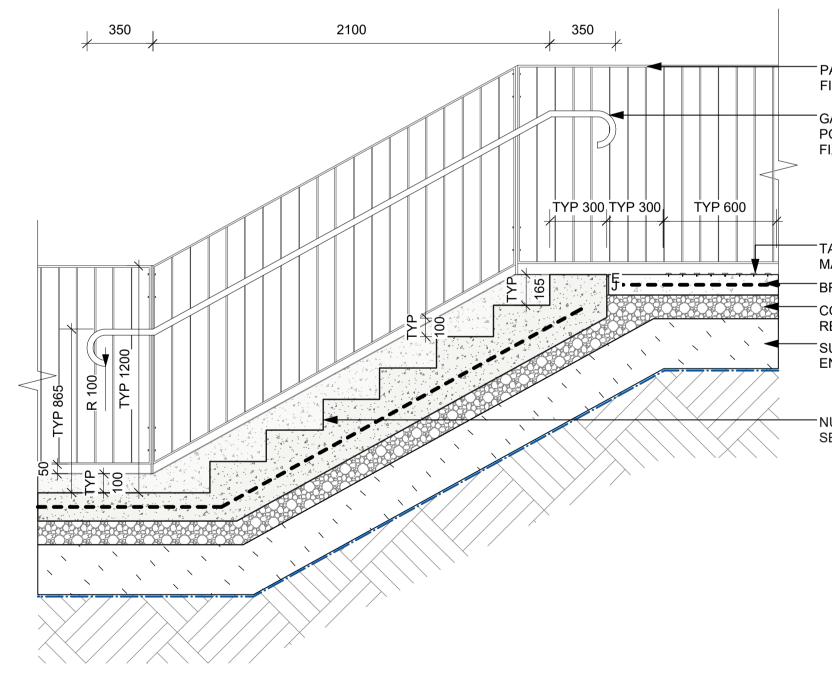
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ISSUE 1

A1



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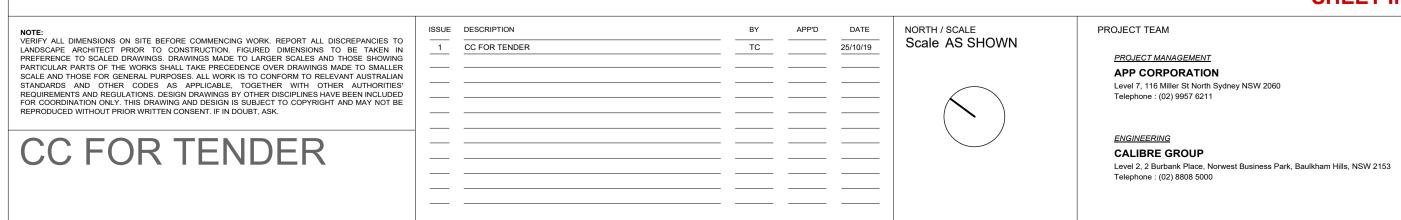
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GALVANISED STEEL HANDRAIL [HR1] POWDERCOATED BLACK 40mm DIAMETER. FIXED TO BALUSTRADE

TACTILE INDICATOR [TI1] REFER MATERIALS SCHEDULE BROOM FINISHED CONCRETE [P3.3] COMPACTED BASE COURSE REFER TO ENGINEER'S DETAIL SUBGRADE DETAILS REFER TO ENGINEER'S DRAWINGS

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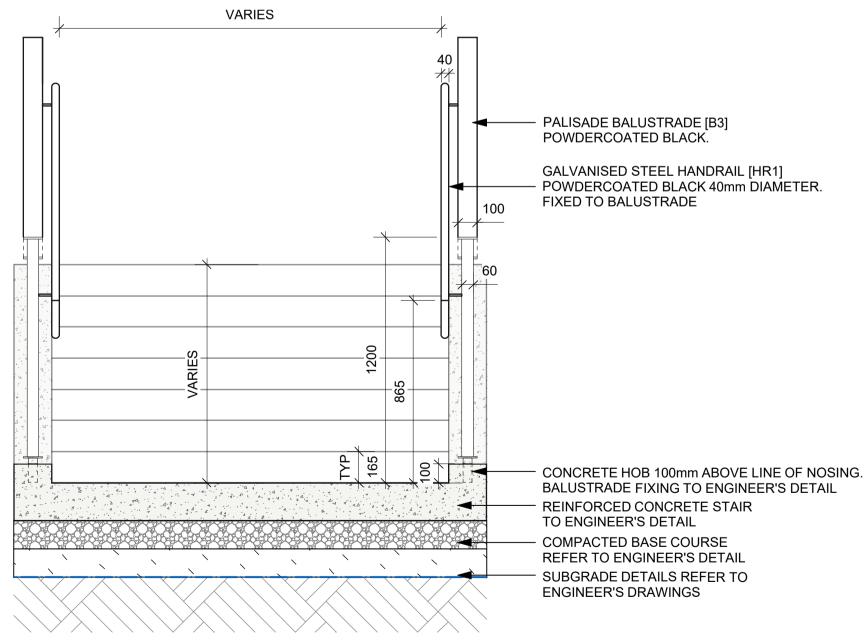




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LANDSCAPE ARCHITECT

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23/11/18

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WENTWORTH POINT NSW 2127	18527			L_3903 1	

# ARROWANELLY PARK, WENTWORTH POINT **ROAD AND DRAINAGE DESIGN**



# FOR SECTION 4.55 SUBMISSION



Sheet List Table No. Drawing Title GENERAL 000 COVER SHEET SITE REGRADING ENGINEERING PLAN

BASIN





LOCALITY PLAN N.T.S.

LGA CITY OF PARRAMATTA DA: DA-40/2015 (AUBURN COUNCIL) LOTS 202, 203 & 204 D.P. 1216628



RESPONSIBLE OFFICER: Katherine Lafferty

001 GENERAL LAYOUT PLAN 002 SHEET LAYOUT PLAN 003 GENERAL NOTES & LEGEND SEDIMENT & EROSION CONTROL 101 SOIL & WATER MANAGEMENT PLAN 102 SOIL & WATER MANAGEMENT NOTES & DETAILS 201 BULK EARTHWORKS PLAN SHE 202 BULK EARTHWORKS PLAN SHEET 02 OF 02 203 BULK EARTHWORKS SITE SECTIONS A & B 204 BULK EARTHWORKS SITE SECTIONS C & D 301 ENGINEERING PLAN SHEET 01 OF 0 302 ENGINEERING PLAN SHEET 02 OF 02 ROAD LONGITUDINAL SECTIONS 401 RIDGE ROAD LONGITUDINAL SECTION 402 RIDGE ROAD TYPICAL CROSS SECTIONS

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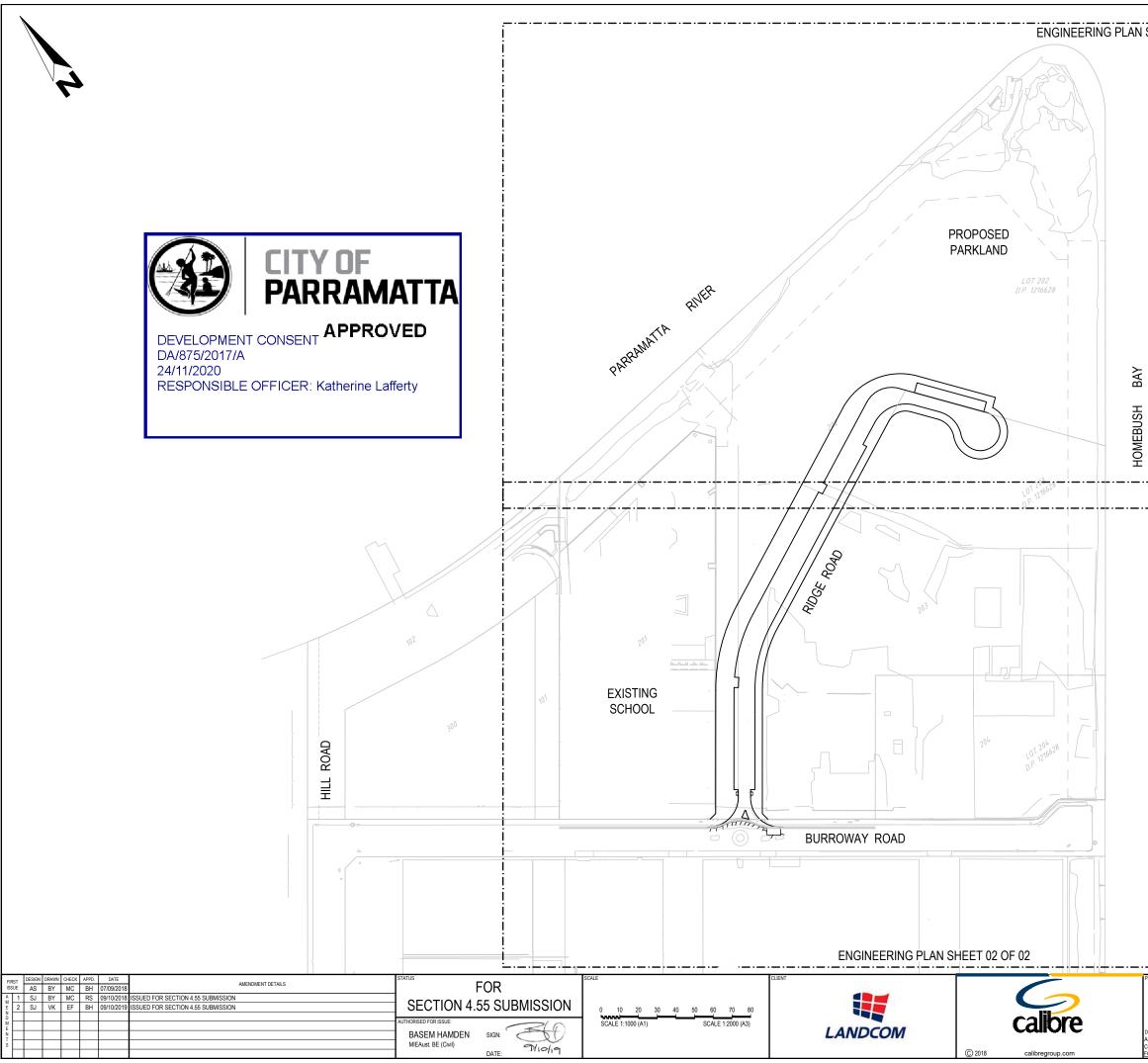
# ARROWANELLY PARK, WENTWORTH POINT ROAD AND DRAINAGE DESIGN



09/10/2019 000

calibregroup.com





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ARROWANELLY PARK,	DRAWING TITLE SHEET LAYOUT PLAN
WENTWORTH POINT ROAD AND DRAINAGE DESIGN	
DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO	PROJECT No. DRAWING No. STAGE REVISION
CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY	18-000416 002 2

### **GENERAL NOTES**

### GENERAL

- G1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CITY OF PARRAMATTA ENGINEERING DESIGN AND ENGINEERING CONSTRUCTION SPECIFICATIONS AND TO THE REQUIREMENTS OF THE CERTIFYING AUTHORITY.
- G2. INSPECTIONS BY CERTIFYING AUTHORITY ARE REQUIRED AT THE FOLLOWING STAGES AND THE WORKS APPROVED PRIOR TO CONTINUANCE OF ANY FUTURE WORK:

(A) FOLLOWING INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES/MEASURES.

(B) PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS AND DAMS.

(C) PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES, INCLUDING KERB AND GUTTER BUT FOLLOWING PLACEMENT OF FOOTINGS, FORMWORK, AND REINFORCEMENT.

(D) PRIOR TO PLACEMENT OF SUB BASE AND ALL SUBSEQUENT PAVEMENT LAYERS, A PROOF ROLLER TEST OF EACH PAVEMENT LAYER IS REQUIRED.

(E) FORMWORKS PRIOR TO POURING CONCRETE IN PARKING AREA FOR FOOTPATH CROSSING AND OTHER ASSOCIATED WORK.

(F) PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES.

(G) FINAL INSPECTIONS AFTER ALL WORKS ARE COMPLETED AND 'WORKS AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL.

- G3. NO TREES ARE TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCIL'S LANDSCAPE COMPLIANCE OFFICER OR AS AUTHORISED BY DEVELOPMENT CONSENT.
- G4. MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.
- G5. NO WORK IS TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNER/S.
- G6. VEHICULAR ACCESS AND ALL UTILITIES/SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
- G7. ALL RUBBISH, BUILDINGS, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER.
- G8. COUNCIL ENGINEERS HAVE DISCRETION TO VARY, AS CONSIDERED NECESSARY, THE ENGINEERING REQUIREMENTS IN RESPECT OF A PARTICULAR SUBDIVISION OR DEVELOPMENT HAVING REGARD TO THE SITE CONTEXT.

### EARTHWORKS

- E1. EARTHWORKS ARE TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL. UNSUITABLE MATERIALS ARE TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION TESTING RESULTS FOR ALL AREAS THAT CONTAIN FILL IN EXCESS OF 200mm.
- E2. COMPACTION OF EARTHWORKS SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 95% FOR SITE FILLING AND 100% FOR ROAD PAVEMENT SUBGRADES HAS BEEN ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289.5.3.1 OR AS.1289.5.1.1. THE CONTROL TESTING OF EARTHWORKS SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'. WHERE IT IS PROPOSED TO USE TEST METHOD AS1289.5.8.1 TO DETERMINE THE FIELD DENSITY, A SAND REPLACEMENT METHOD SHALL BE USED TO CONFIRM THE RESULTS.
- E3. THE SUITABLE QUALIFIED GEOTECHNICAL ENGINEER, SHALL HAVE A LEVEL 1 RESPONSIBILITY FOR ALL FILLING AS DEFINED IN APPENDIX B AS3789 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS', AND AT THE END OF THE WORKS SHALL CONFIRM THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND DRAWINGS BY WRITTEN NOTIFICATION.
- E4. IN AREAS TO BE FILLED WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS 1(V):4(H), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE COUNCIL.
- E5. ALL BATTERS ARE TO BE SCARIFIED TO A DEPTH OF 50mm TO ASSIST WITH ADHESION OF TOP SOIL TO BATTER FACE.
- E6. PROVIDE MINIMUM 150mm AND MAXIMUM 300mm TOPSOIL ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. TOPSOILED AREAS TO BE STABILISED WITH APPROVED VEGETATION A MAXIMUM OF 14 DAYS AFTER TOPSOILING AND ARE TO BE WATERED TO ENSURE GERMINATION.
- E7. THE CONTRACTOR SHALL CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION' PRODUCED BY LANDCOM.
- E8. A MINIMUM 1m WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS & OTHER CONCRETE STRUCTURES IMMEDIATELY AFTER THE COMPLETION OF THE FOOTPATH GRADING OR OTHER ELEMENTS AS APPLICABLE, AND SHALL BE MAINTAINED AND REPLACED AS REQUIRED DURING THE CONSTRUCTION MAINTENANCE PERIOD.

### CALIBRE GENERAL

- CG1. SURVEY SOURCED FROM: -SURVEYOR: CRAIG & RHODES -D.T.M.: 077-18G T01 00.dwg SURVEY DATED 27/08/2018 -BOUNDARY: 077-18G T01 00.dwg DATED 27/08/2018
- CG2. CONTRACTOR IS TO ENSURE THAT ALL WORKS ASSOCIATED WITH PROPERTY BOUNDARIES ARE TO BE SET OUT OR VERIFIED BY A REGISTERED SURVEYOR

### ROADWORKS

- R1. SUBGRADES AND SUB BASES ARE TO BE COMPACTED IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION.
- R2. SUBSOIL DRAINS TO BE PROVIDED ON BOTH SIDES OF ROADS (EXCEPT WHERE THERE IS STORMWATER DRAINAGE).
- R3. LIPLESS PERAMBULATOR CROSSINGS ARE TO BE PROVIDED IN ALL KERB RETURNS AND WHERE REQUIRED BY COUNCIL.
- R4. SERVICE CONDUITS TO BE PLACED AS DIRECTED BY ALL PUBLIC UTILITY AUTHORITIES INCLUDING AUSGRID, NBNCO AND SYDNEY WATER
- R5. PROPOSED UTILITIES AND SERVICES CROSSING EXISTING ROADS SHALL BE PROVIDED FOR USING A TRENCHLESS TECHNIQUE SO AS NOT TO DAMAGE THE EXISTING SURFACE. ALL SERVICE CONDUITS UNDER ROADS MUST BE LAID TO A MINIMUM DEPTH OF 750mm.
- R8. SIGNPOSTING AND LINE MARKING SHALL CONFORM TO AS1742.2 'TRAFFIC CONTROL DEVICES FOR GENERAL USE'. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS TO CONFORM TO AS1906 'RETRO-REFLECTIVE MATERIALS AND DEVICES FOR ROAD TRAFFIC CONTROL PURPOSES'. ALL APRONS AND KERB FACE ON CENTRAL ISLANDS OF ROUNDABOUTS AND ALL OTHER ISLANDS TO BE DELINEATED BY REFLECTIVE WHITE MARKING. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE PLAN APPROVED BY THE LOCAL TRAFFIC COMMITTEE.
- R9. STREET SIGNS TO COUNCIL STANDARD MUST BE INSTALLED BY THE CONTRACTOR.

### STORMWATER

- S1. ALL PIPES TO BE SPIGOT AND SOCKET, RUBBER RING JOINTED.
- S2. ALL LONGITUDINAL PIPELINES IN ROADS MUST BE LOCATED UNDER KERB AND GUTTER AND BE BACKFILLED WITH APPROVED GRANULAR MATERIAL UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S3. DRAINAGE LINES MUST BE BACKFILLED WITH APPROVED GRANULAR MATERIAL IN TRAFFICABLE AREAS. THREE (3) METRES OF SUBSOIL DRAINAGE WRAPPED IN GEOTEXTILE STOCKING MUST BE PROVIDED TO ALL DOWNSTREAM PITS.
- S4. ALL GULLY PITS TO COUNCIL'S STANDARD AND LINTELS CENTRALLY PLACED AT SAG PITS.
- S5. ALL PITS MUST BE BENCHED AND STREAMLINED. PROVIDE SL72 REINFORCEMENT AND GALVANISED STEP IRONS IN ALL PITS OVER 1.2-METRES DEEP AS MEASURED FROM THE TOP OF GRATE TO THE INVERT OF THE PIT
- S6. CONCRETE IS TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32MPA AT 28-DAYS UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S7. ADEQUATE PROVISION IS TO BE MADE TO PREVENT SCOURING AND SEDIMENTATION FOR ALL DRAINAGE WORKS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
- S8. PIT LINTELS ARE TO BE STENCILLED WITH APPLICABLE DISTINCTION STENCIL AVAILABLE FROM COUNCIL.
- S9. CATCH DRAINS MUST BE CONSTRUCTED AS REQUIRED BY THE APPROVED PLANS OR THE PRINCIPAL CERTIFYING AUTHORITY.
- S10. SOIL AND WATER MANAGEMENT PLANS ARE TO BE PREPARED FOR ALL DISTURBED SITES AND ADHERED TO AT ALL TIMES DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.





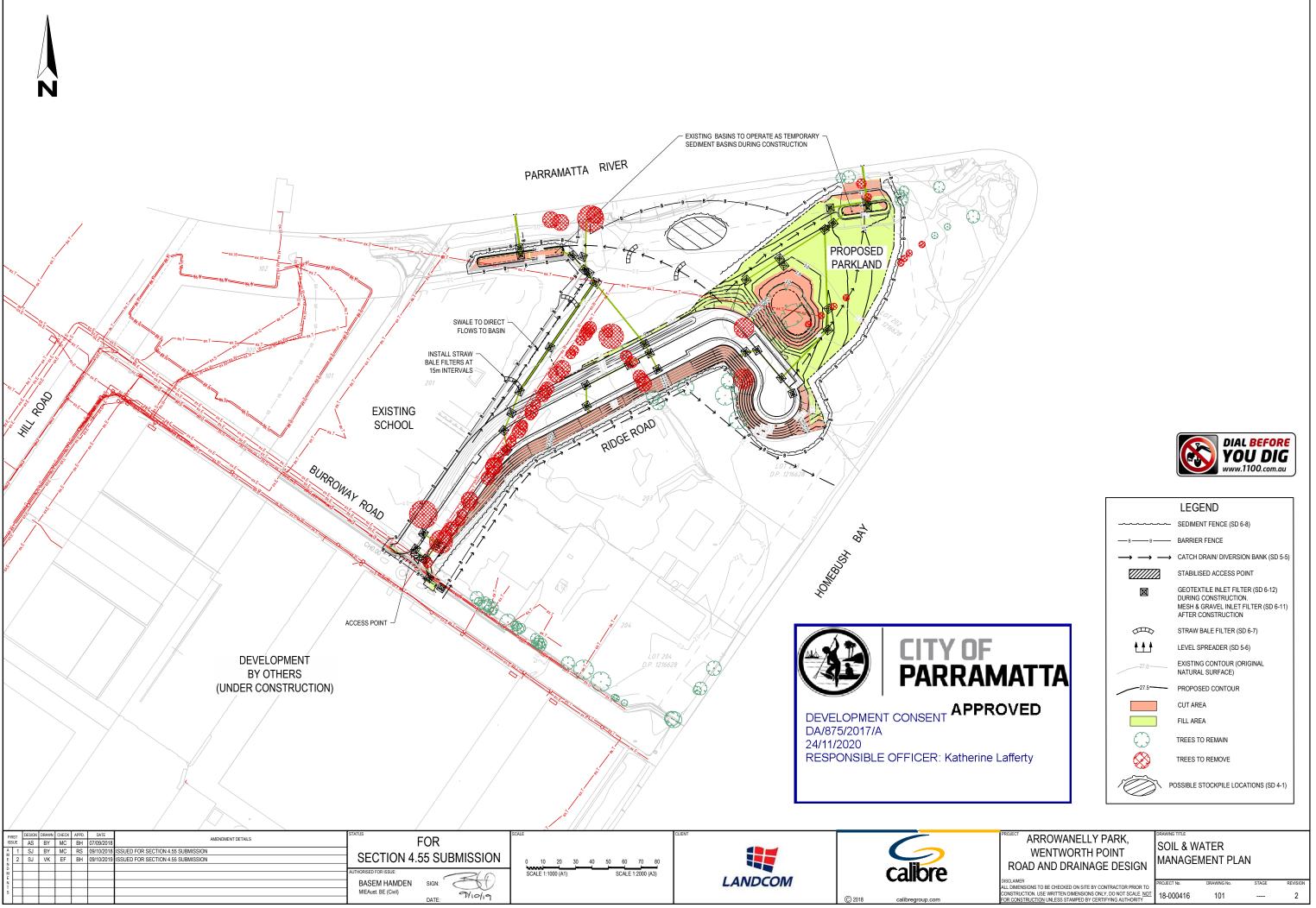
APPROVED DEVELOPMENT CONSENT DA/875/2017/A 24/11/2020 RESPONSIBLE OFFICER: Katherine Lafferty

DIGITAL MODELS CREATED BY CALIBRE UNDER THIS COMMISSION ARE CREATED FOR THE PURPOSE OF THE PREPARATION OF DRAWINGS AND ESTIMATES OF QUANTITIES. INFORMATION CONTAINED IN THE DRAWINGS TAKES PRECEDENCE OVER THE DIGITAL MODEL UPON WHICH IT WAS BASED. USE OF DIGITAL MODELS, CREATED BY CALIBRE, BY OTHER PARTIES TO SET OUT WORKS OR FOR OTHER REASONS IS DONE ENTIRELY AT THE RISK OF THE PARTY SO USING THE DIGITAL MODEL



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Ë							1	DATE: DATE:			© 2018 calibregroup.com

	DESCRIPTION	LEGEND PROPOSED	EXISTING	FUTURE
	STORMWATER PIPELINE	375Ø		
	STORMWATER DRAINAGE PITS			
	DRAINAGE LINE No. 3 DRAINAGE PIT No. 10	3/10		3/10
	CONCRETE HEADWALL	<b>——</b>	· — (	-
	SUBSOIL DRAIN	SSSS		
	150mm KERB AND GUTTER	K&G	EXIST. K&G	FUT. K&G
	ROLL KERB AND GUTTER	RK	EXIST. RK	FUT. RK
	KERB ONLY	ко	EXIST. KO	FUT. KO
	EDGE STRIP	ES	EXIST. ES	FUT. ES
	MOUNTABLE KERB	MK	EXIST. MK	FUT. MK
	DISH CROSSING	DC	EXIST. DC	FUT. DC
	VEHICULAR CROSSING	VC	EXIST. VC	FUT. VC
	PEDESTRIAN RAMP			
	EDGE OF BITUMEN	<u>EOB</u>	EXIST. EOB	FUT. EOB
	ROAD PAVEMENT			
	BENCHMARK		▲ BM: 115 RL:165.32	
	BATTERS			
	CONCRETE PATHWAY			
	CONTOURS	99.5 99.0	99.5	
	SITE REGRADING AREA	CUT FILL		
	SERVICE LINES SEWER, GAS, WATER, ELECTRICITY, RECYCLED WATER	S G W E RW	ex.S ex.W ex.E ex.RW	
	COMMUNICATION LINES TELSTRA, FIBRE OPTIC, NBN	OF	ex.T ex.OF ex.NBN	fut.T 
	OVER HEAD LINES AND POLES SERVICE PITS TELECOM PIT, ACCESS CHAMBER,	OH ■ ○ ○ ⋈ □		-O-fut.OH
	HYDRANT, STOP VALVE, AIR VALVE LIMIT OF ROAD CONSTRUCTION			
	LIMIT OF STAGE			
	FENCE POST AND RAIL FENCE SECURITY FENCE		-//	-/
	LOT NUMBERS	D-LOTNO	E-LOTNO	F-LOTNO
	TREES TO RETAIN WITHIN SITE TREES TO REMOVED WITHIN SITE		RETAIN REMOVE	
٦	RETAINING WALL			
J	ROCK WALL			
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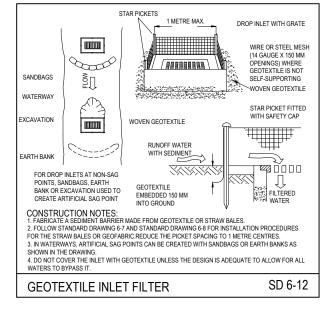


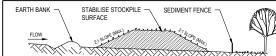
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### SEDIMENT & EROSION CONTROL NOTES

- THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE COMMENCEMENT OF ANY WORKS BEING CARRIED OUT. ALL SOIL AND EROSION MEASURES SHALL BE MAINTAINED AND KEPT IN PLACE FOR THE FULL DURATION OF THE WORKS AND SHALL ONLY BE REMOVED AT FINAL STABILISATION OF THE WORKS, WHERE IT IS NECESSARY TO UNDERTAKE STRIPPING IN ORDER TO CONSTRUCT A SEDIMENT CONTROL DEVICE ONLY SUFFICIENT GROUND SHALL BE STRIPPED TO ALLOW CONSTRUCTION
- 2. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED AS INDICATED ON THESE DRAWINGS. LOCATION AND EXTENT OF SOIL AND WATER MANAGEMENT DEVICES IS DIAGRAMMATIC ONLY AND THE ACTUAL REQUIREMENTS SHALL BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT
- CONFORMITY WITH THIS PLAN SHALL IN NO WAY REDUCE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AGAINST WATER DAMAGE DURING THE COURSE OF THE CONTRACT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ANY NECESSARY CONTROL IS IN PLACE EVEN THOUGH SUCH CONTROL MAY NOT BE SHOWN ON THE PLAN
- 4. THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS AND ALL EMPLOYEES OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSTREAM AREAS
- 5. APART FROM SEDIMENT BASINS. THE CONTRACTOR SHALL REGULARLY MAINTAIN SEDIMENT AND EROSION CONTROL STRUCTURES AND DESILT SUCH STRUCTURES PRIOR TO THE REDUCTION IN CAPACITY OF 30% DUE TO ACCUMULATED SEDIMENT. THE SEDIMENT SHALL BE DISPOSED OF ON SITE IN A MANNER APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL TEMPORARILY REHABILITATE WITHIN TEN (10) DAYS ANY DISTURBED AREAS PROVIDING A MINIMUM 60% COVER FINAL REHABILITATION IS TO BE PROVIDED WITHIN A FURTHER 60 DAYS WITH A MINIMUM 70% COVER.
- THE CONTRACTOR SHALL PROVIDE WATERING OF THE VEGETATED BATTERS FOR MAINTENANCE PERIOD. PLANT, MACHINERY AND VEHICLES SHALL NOT BE DRIVEN OVER GRASSED AREAS UNLESS ON AN APPROVED HAULAGE ROUTE.
- ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILISED AS QUICKLY AS POSSIBLE TO MINIMISE RISK OF EROSION.
- 9. SITE ACCESS SHALL BE RESTRICTED TO THE NOMINATED POINTS. THE CONTRACTOR SHALL PROVIDE STABILISED SITE ACCESS.
- 10. DUST AND SITE DISTURBANCE MUST BE KEPT TO A MINIMUM. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS MUST BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO REDUCE WIND EROSION. ERECT BARRIER FENCING TO MINIMISE LAND DISTURBANCE BY PREVENTING VEHICULAR AND PEDESTRIAN ACCESS TO AREAS BEING REHABILATATED AND LANDS THAT DO NOT NEED TO BE DISTURBED BY THIS PROJECT
- 11. STOCKPILE TOPSOILS, SUBSOILS AND OTHER MATERIALS SEPARATELY.
- 12. TOPSOIL SHALL BE STORED IN LOW MOUNDS NO MORE THAN 2 METRES HIGH AND RE-USED WITHIN TWO MONTHS TO MAINTAIN ACTIVE POPULATIONS OF BENEFICIAL SOIL MICROBES AND SEED
- 13. PLACE ALL STOCKPILES AT LEAST FIVE METRES FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS, ESPECIALLY EARTH BANKS AND ROADS. IF NECESSARY, EARTH BANKS OR DRAINS WILL BE CONSTRUCTED TO DIVERT LOCALISED RUN-ON.
- 14. TURN TOPSOIL STOCKPILES OVER TO AERATE THEM AT MONTHLY INTERVALS. ENSURE VEGETATION IS NOT INCORPORATED INTO THE SOIL

- 15. AVOID REVERSING THE SOIL PROFILE MATERIALS DURING FILL OPERATIONS - REPLACE DISTURBED SOILS IN THEIR ORIGINAL ORDER.
- 16. ON COMPLETION OF MAJOR EARTHWORKS AND BEFORE ADDING TOPSOIL LEAVE DISTURBED LANDS WITH A LOOSE SURFACE, ALTERNATELY. DISTURBED AREAS PREVIOUSLY COMPACTED BY CONSTRUCTION WORKS WILL BE RIPPED TO MORE THAN 200-MM ALONG THE CONTOUR BEFORE APPLYING TOPSOIL
- 17. PROVIDING MATERIALS ARE AVAILABLE, SPREAD TOPSOIL TO A MINIMUM DEPTH OF 75mm IN REVEGETATION AREAS ON SLOPES OF 4(H):1(V) OR LESS AND TO A DEPTH OF 40 TO 60mm IN REVEGETATION AREAS STEEPER THAN 4-1 18. LEAVE TOPSOIL IN A SCARIFIED OR ROUGH CONDITION ONCE REPLACED
- TO HELP MOISTURE INFILTRATION AND REDUCE SOIL EROSION.
- 19. ENSURE SOIL IS THOROUGHLY SOAKED TO A DEPTH OF 75mm (RAIN OR IRRIGATION) IMMEDIATELY BEFORE PLANTING.
- 20. HANDLE TOPSOIL ONLY WHEN IT IS MOIST (NOT WET OR DRY) TO AVOID DECLINE OF SOIL STRUCTURE
- 21. THE CONTRACTOR SHALL MAINTAIN A LOG BOOK DETAILING: - RECORDS OF ALL RAINFALL - CONDITION OF SOIL AND WATER MANAGEMENT STRUCTURES - ANY APPLICATION OF ELOCCULATING AGENTS TO SEDIMENT BASIN - VOLUMES OF ALL WATER DISCHARGED FROM SEDIMENT BASINS - ANY ADDITIONAL REMEDIAL WORKS REQUIRED.
- 22. THE LOG BOOK SHALL BE MAINTAINED ON A WEEKLY BASIS AND BE MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. THE ORIGINAL LOG BOOK SHALL BE ISSUED TO THE PROJECT MANAGER AT THE COMPLETION OF WORKS
- 23. ALL ROAD EMBANKMENTS TO BE STABILISED AS PER LANDSCAPE ARCHITECTS DETAILS.
- 24. A SELF AUDITING PROGRAM SHOULD BE ESTABLISHED BASED ON A CHECK SHEET DEVELOPED FOR THE SITE. A SITE INSPECTION USING THE CHECK SHEET SHOULD BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE AND IMMEDIATELY FOLLOWING RAINFALL EVENTS THAT CAUSE RUNOFF
- 25. UNDERTAKE THE SELF AUDIT BY: - WALKING AROUND THE SITE SYSTEMATICALLY (E.G. CLOCKWISE) - RECORDING THE CONDITION OF EVERY BMP EMPLOYED - RECORDING MAINTENANCE REQUIREMENTS (IF ANY) FOR EACH BMP RECORDING THE SITE WHERE SEDIMENT IS DISPOSED - FORWARDING A SIGNED DUPLICATE OF THE COMPLETED CHECK SHEET TO THE PROJECT MANAGER/DEVELOPER/SITE OPERATOR FOR THEIR INFORMATION
- 26. IN PARTICULAR, INSPECT: - LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE - ALL INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, ENSURING THEY ARE OPERATING CORRECTLY - AREAS THAT MIGHT SHOW WHETHER SEDIMENT OR OTHER POLITIANTS ARE LEAVING THE SITE OR HAVE POTENTIAL TO DO SO - ALL DISCHARGE POINTS, TO ASSESS WHETHER THE EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO THE RECEIVING WATERS
- 27 A SITE INSPECTION USING THE CHECK SHEET WILL BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE, AND IMMEDIATELY FOLLOWING RAINFALL EVENTS GREATER THAN 5mm IN 24 HOURS



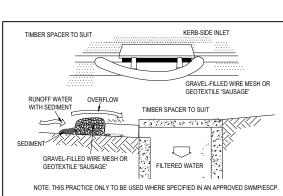


- CONSTRUCTION NOTES: 1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS. 2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS. 3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT HILL DEFORMED FOR FORMER AND HAZARD AREAS.
- ALL STOCKPILES ARE TO BE LOCATED AND PLACED IN ACCORDANCE WITH THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN. WHERE STOCKPILES ARE TEMPORARY (<14 DAYS) NO STABILISATION IS REQUIRED. REVIEW THE
- WITEINE STOCKPILES AND TEMPORARY (STA DATS) NO STABILISATION IS REQUIRED. REVIEW THE ADEOUACY OF SEDIMENT CONTROLS IF RAINFALL IS PREDICTED. WHERE STOCKPILES ARE TEMPORARY (STA DAYS) THE FOLLOWING ADDITIONAL CONTROLS ARE
- REQUIRED: MAXIMUM BATTER SLOPE REDUCED TO 1:4 -CONSTRUCT A CONTOUR DRAIN ON THE LOW SIDE OF THE STOCKPILE, AND DISCHARGING THROUGH A STRAW BALE OR 200mm HIGH GRAVEL DAM -ESTABLISH GRASS COVER TO SURFACE OF STOCKPILE WITHIN 14 DAYS, USING HYDROMULCH WITH A 75:25 MIX OF SEASONAL AND PERMANENT GRASS SEEDS AND A STRAW MULCH THICKNESS OF NO
- CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE

SD 4-1

SD 6-11

### STOCKPILES



### CONSTRUCTION NOTES:

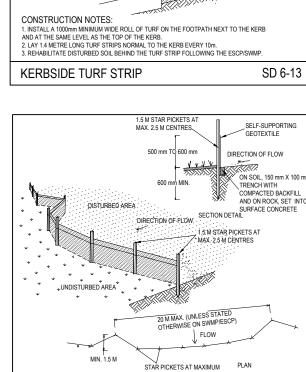
1. INSTALL FILTERS TO KERB INLESS ONLY AT SAG POINTS. 2. CABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.

3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH X 400mm WIDE

4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.

INLE I. MAIN TAIN THE UPENING WITH SPACER BLOCKS. 5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER. 6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT





2.5 M SPACINGS CONSTRUCTION NOTES.

ROADWAY

L 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 2. CUT A South DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE ARRIC TO BE ENTRENCHED. 3. ORIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH, ENSURE ANY STAR PICKETS ARE INTED 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

5. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE

SEDIMENT	FENCE	
	LINCL	

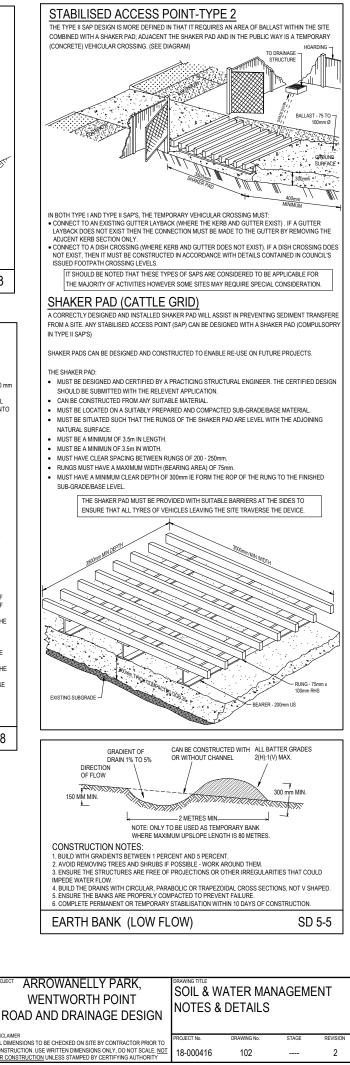




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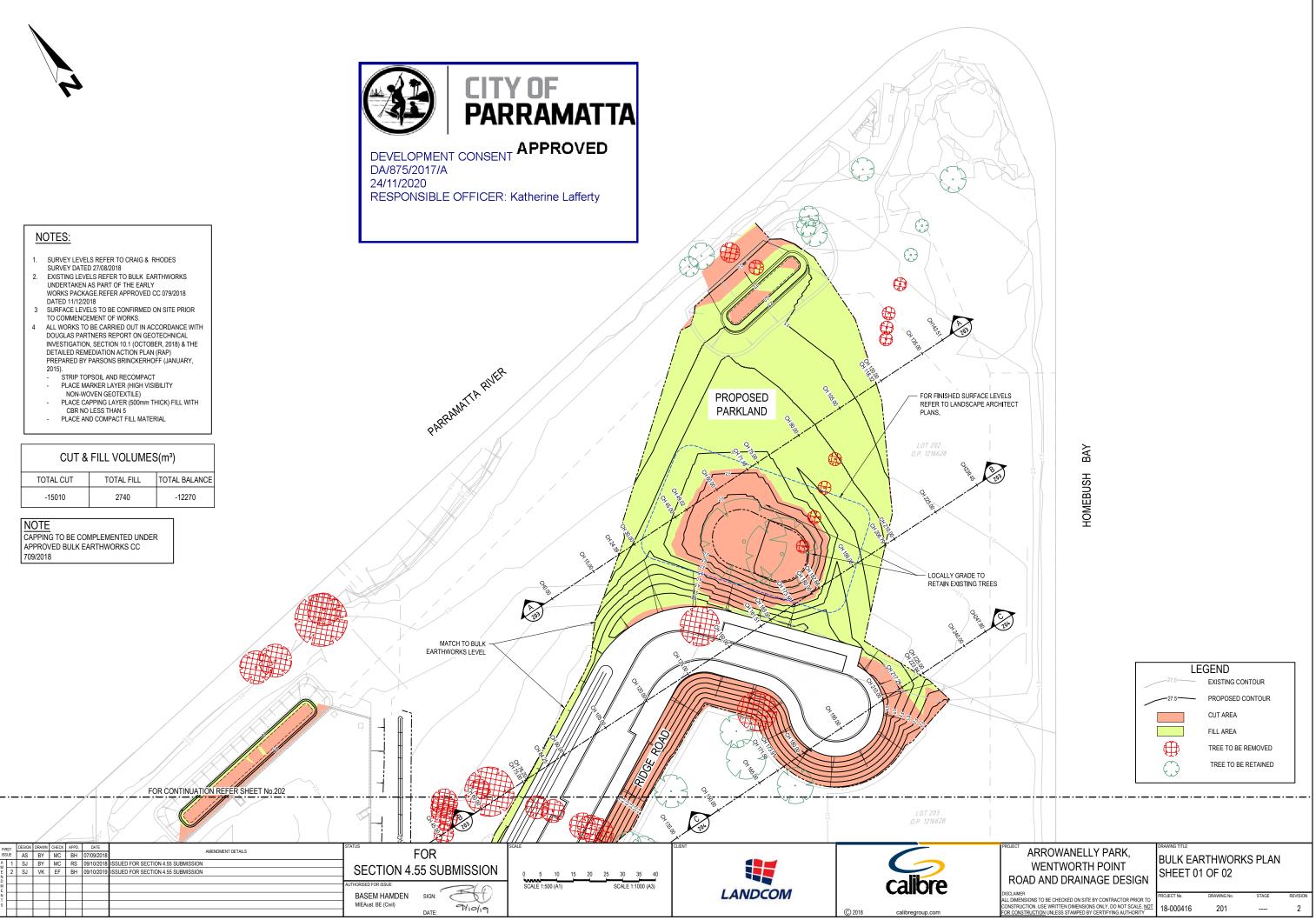
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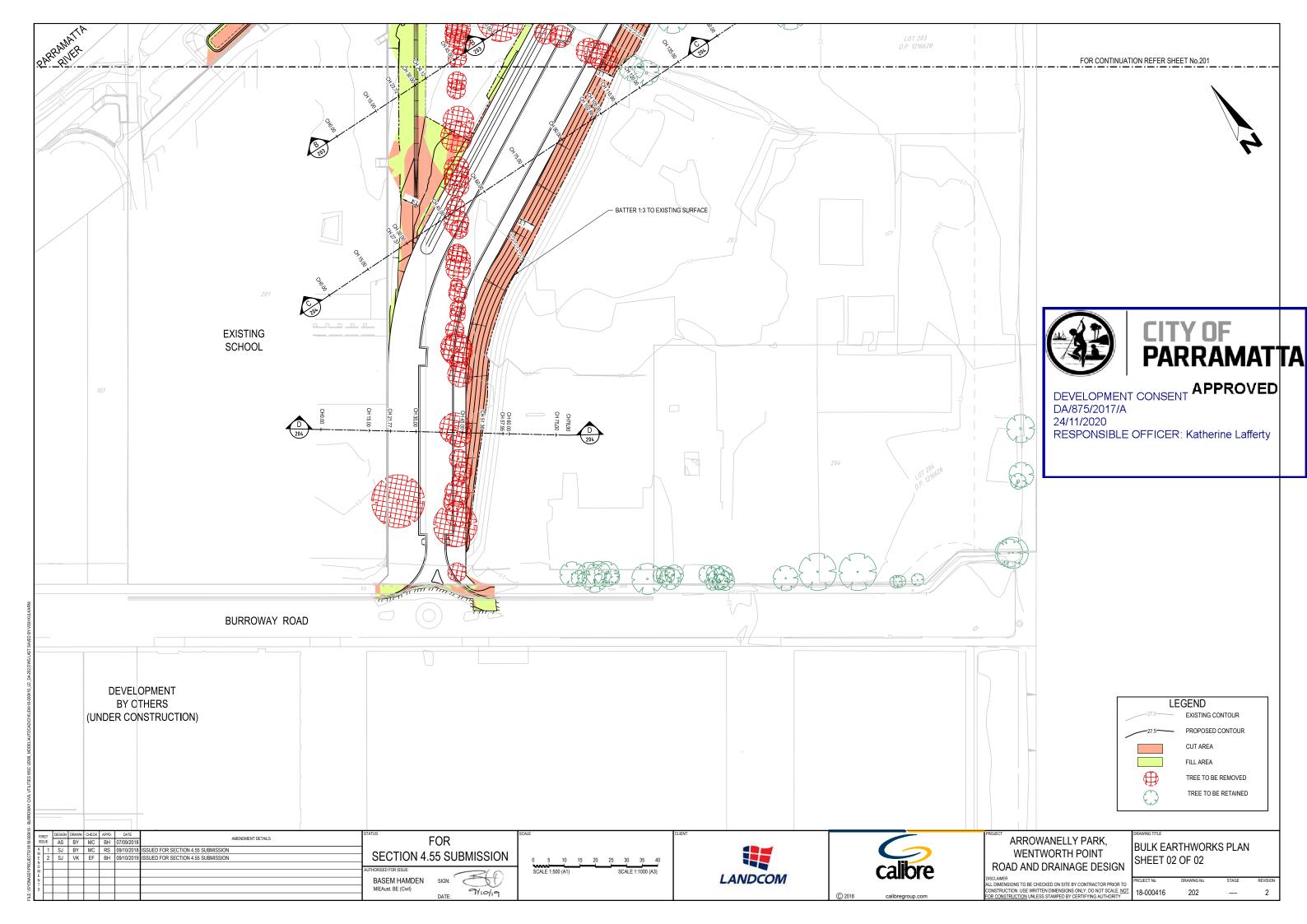


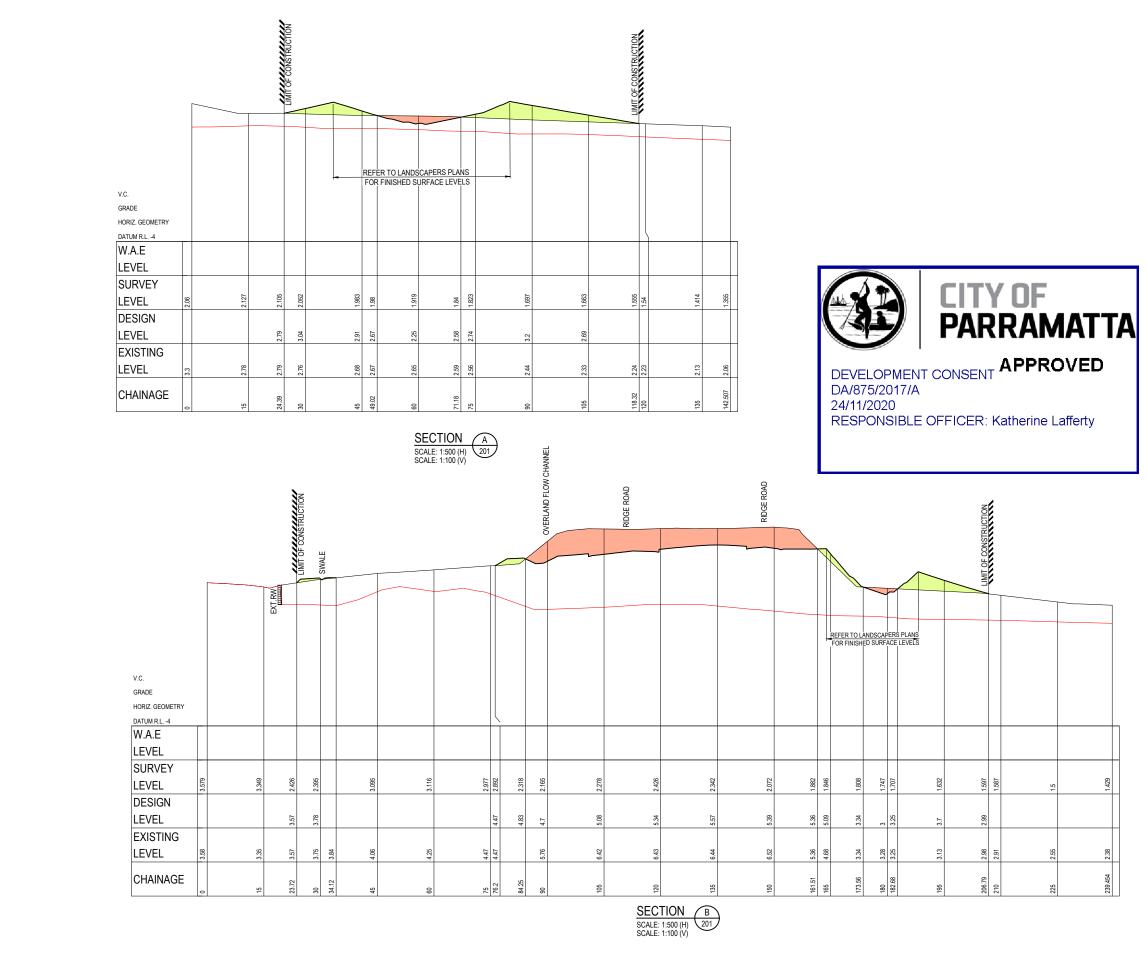
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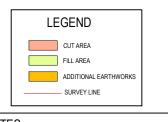


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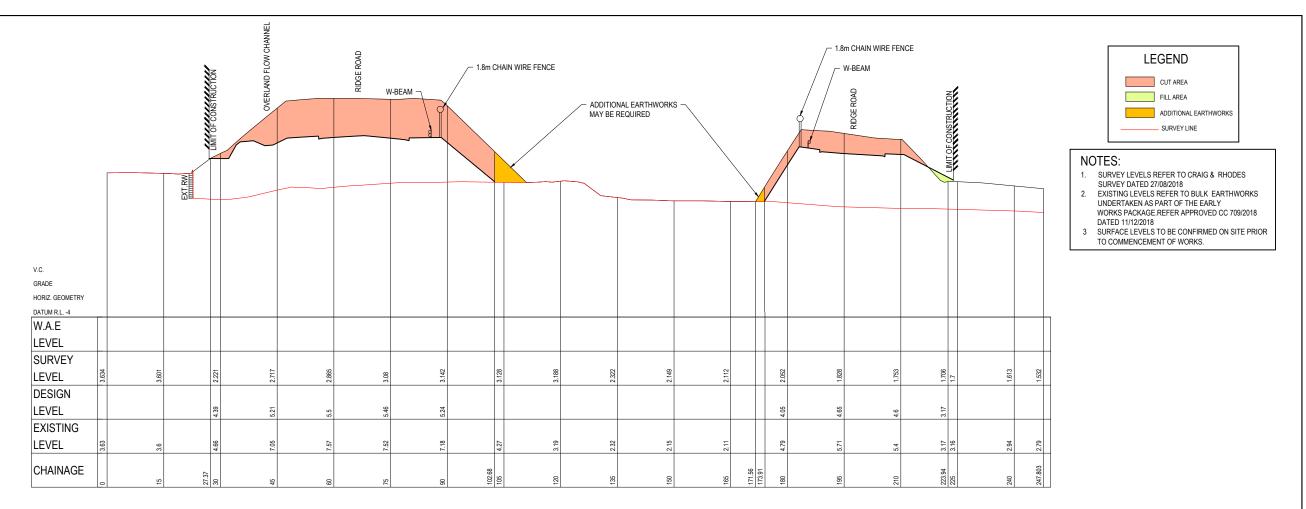
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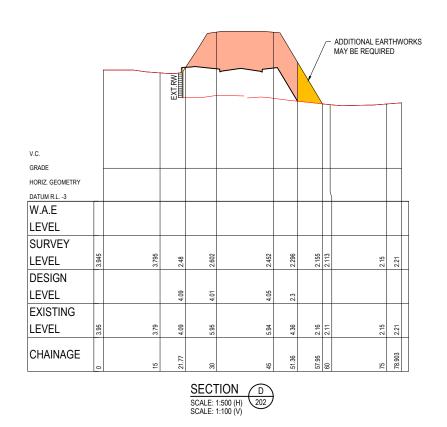
- SURVEY LEVELS REFER TO CRAIG & RHODES SURVEY DATED 27/08/2018
   EXISTING LEVELS REFER TO BULK EARTHWORKS UNDERTAKEN AS PART OF THE EARLY WORKS PACKAGE REFER APPROVED CC 709/2018
- 3 SURFACE LEVELS TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS.

### ARROWANELLY PARK, WENTWORTH POINT ROAD AND DRAINAGE DESIGN

### BULK EARTHWORKS SITE SECTIONS A & B

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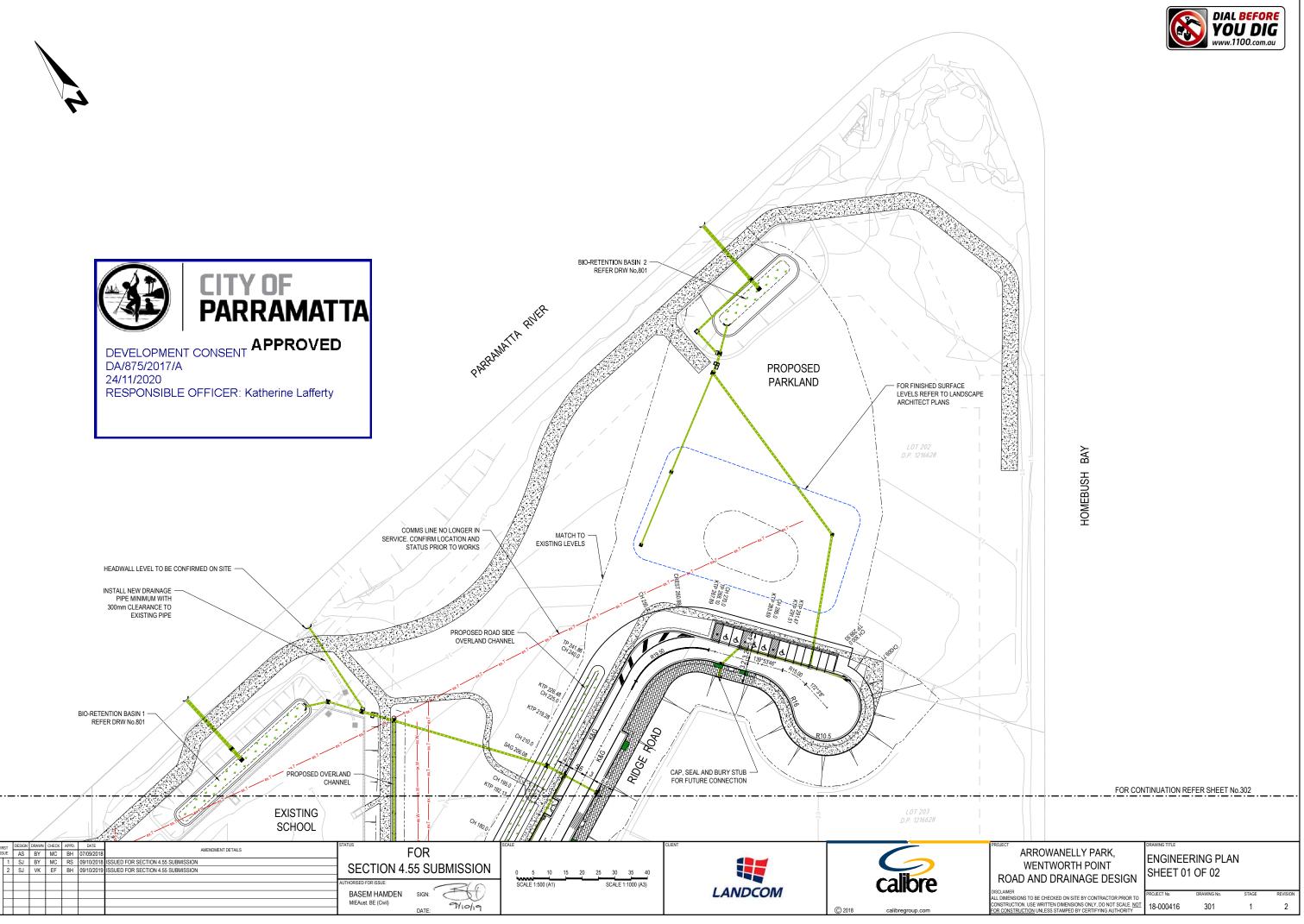
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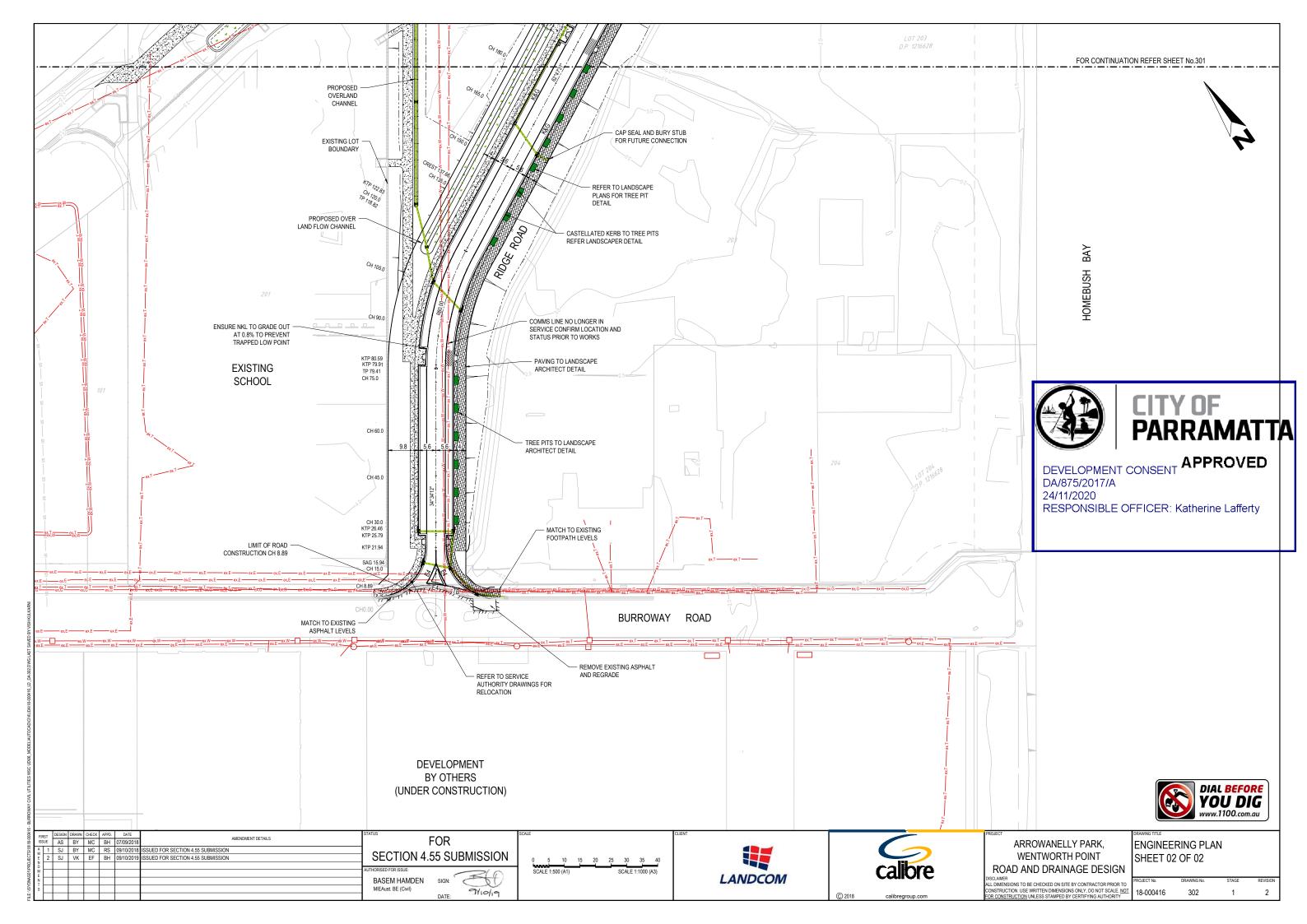
### ARROWANELLY PARK, WENTWORTH POINT ROAD AND DRAINAGE DESIGN

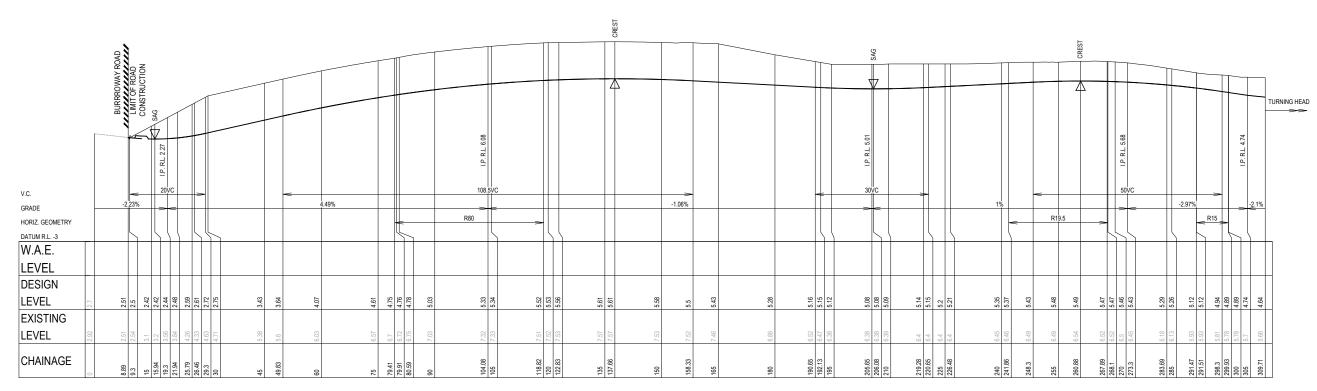
### BULK EARTHWORKS SITE SECTIONS C & D

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LONGITUDINAL SECTION - RIDGE ROAD SCALE 1:500 (H) SCALE 1:100 (V)



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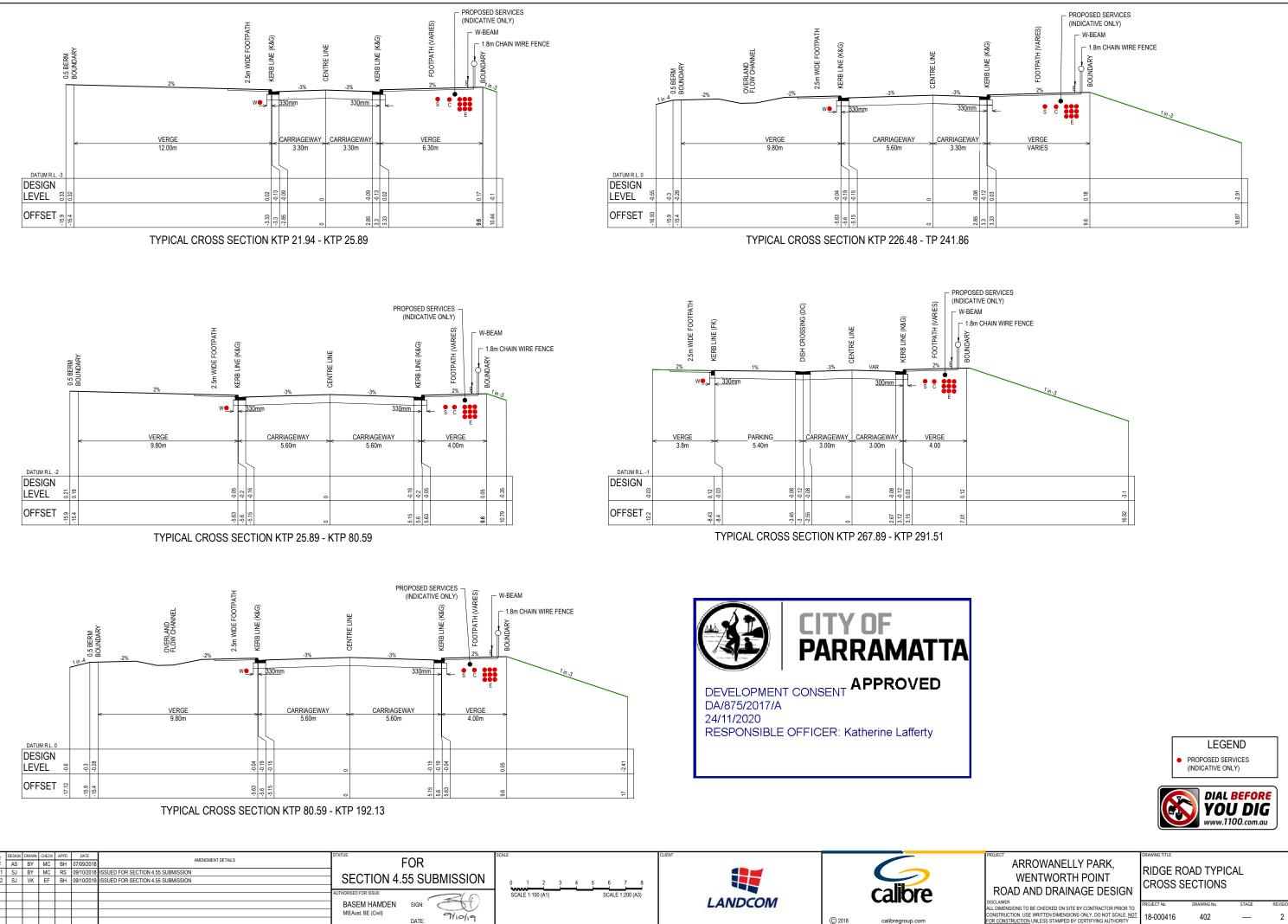
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RIDGE ROAD

LONGITUDINAL SECTION

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