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Young NSW 2594
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Phone 61 2 6382 8222
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2010/0770
17
APA Group

Australian Pipeline Ltd
ACN 091 344 704

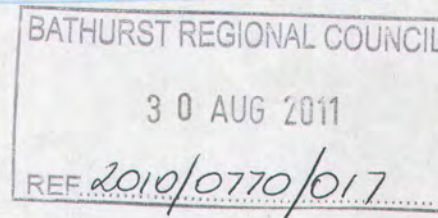
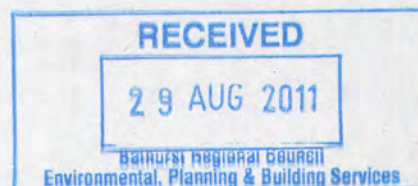
Australian Pipeline Trust
ARSN 091 678 778

APT Investment Trust
ARSN 115 585 441

20th August 2010

Mr Scott Hoy
Environmental Planning & Building Service Department
Bathurst Regional Council
158 Russell Street
Bathurst NSW 2795

Dear Mr Hoy



CONSTRUCTION OF PROPOSED VELODROME AND CYCLE FACILITY

APA has reviewed Council's proposed Velodrome & Cycle Facility over Lot 20 DP119593 and has no objections to the above development under the following conditions;

- Risk Assessment supplied by Council is followed (attached for your reference)
- Final plans are sent for review
- Erosion caused by the Facility will not be the responsibility of APA Group and associated repairs will be paid in full by Council.
- Sufficient cover must be kept at all times for the protection of the pipeline, this is to be done in consultation with an APA representative.
- No vibrating rollers to be used in the vicinity of the pipeline easement and a list of equipment including the equipment weights is to be sent prior to working over the pipeline easement.
- Notification of at least 1 week must be provided prior to working over the pipeline easement, APA require that we have a representative on site at all times during construction in the vicinity of the pipeline easement.
- Bathurst Regional Council to bear all cost incurred by the implementation or recommendations required to protect the integrity of the natural gas pipeline.
- Council to complete and return Application for Permission to Carry out Work on or in the Vicinity of Pipeline Easement (attached).

If you have any questions concerning the above requirements please do not hesitate to contact our Lands Department or myself directly on 02 6382 8232.

Yours faithfully

Fiona Douglas
Lands Supervisor

EP5H



**APPLICATION FOR PERMISSION TO CARRY OUT WORK ON OR IN THE
VICINITY OF PIPELINE EASEMENT ('THE WORKS')**

CONDITIONAL ASSESSMENT OF PROPOSAL ["CAP"]

1 PARTY SUBMITTING PROPOSAL/DESIGN FOR ASSESSMENT ["Applicant"]

Name: _____ Authorised person: _____
Address: _____
Telephone: _____ Facsimile: _____
Email: _____
Date submitted: _____

2 SPECIFIC DETAILS OF PROPOSED WORKS NEAR THE PIPELINE

2.1 Site Location: _____

2.1.1 Applicant must also specify whether the proposed Works are in:

- a) APA's Easement over private freehold, or State leasehold, land; or in
- b) Government owned land such as a road, rail or water reserve or other tenure.

**2.2 Description of
Proposed Works:** _____

Applicant must attach additional pages, plans, drawings, if insufficient space.

3 APPLICANT'S ACKNOWLEDGEMENTS

The Applicant acknowledges and agrees:

- 3.1 APT Management Services Pty Ltd ("APTMS") is the duly authorised agent of, and acts for and on behalf of APT Licensees including APT, East Australian Pipeline Proprietary Limited and Gorodok;
- 3.2 APTMS is obliged by law to assess and confirm that proposed works in its easement or near the high pressure gas pipelines comply with AS2885;
- 3.3 APTMS will only permit to proceed those works which comply with AS2885, Reg 55 of SEPP Infrastructure and APA Group Guidelines for Encroachment ["GFE"] and the conditions listed herein;
- 3.4 the purpose of this document is to enable APTMS to conduct a conditional assessment of proposed designs for the Works for compliance with APA Group Guidelines for Encroachment and that the Works permitted under:
 - a) AS2885;
 - b) The NSW Pipelines Act 1967;
 - c) Gas Supply Act 1998; or
 - d) the Easement conditions,



and are not illegal, a nuisance or dangerous to people or property;

3.5 that the Applicant has made its own enquiries and has satisfied itself about all legal requirements, all local conditions and all matters or things relevant to the proposed works;

3.6 the decision of APTMS about the Applicant's works is final and binding.

4 CONDITIONS

4.1 The Applicant must, at the Applicant's cost, comply with the following conditions:

4.1.1 APTMS's Guidelines for Encroachment including the warranties and indemnity contained therein

4.1.2 AS2885

4.1.3 CAD Letter

4.1.4 APTMS's Permit to Work system

4.1.5 The NSW Pipelines Act 1967 and other applicable legislation

4.1.6 The Environmental Protection Act 1994

4.1.7 The Workplace Health & Safety Act 1995

4.2 the Applicant must obtain and hereby confirms that it has the prior written permission of the Landowner to enter, remain and carry out the proposed Works, on the land and that it will reinstate the land;

4.3 if the Works are to occur in an APT Easement, the Applicant must comply strictly with the terms of the Easement;

4.4 If relevant, APTMS's staff shall locate and advise the depth of the pipeline before any of the Applicant's Work or activity can start;

4.5 APTMS staff will supervise the Applicant's Works and have the power to order the:

4.5.1 cessation or suspension of the works or the demolition or removal of any Works;

4.5.2 relocation, reconstruction or modification of the Works;

4.5.3 re-performance;

of any of the Works in the vicinity of a pipeline and the reinstatement of any land an APT Easement or on any other land affected by the Works.

4.6 The Applicant will indemnify APT and its subsidiaries for any damages, liabilities, costs, claims or demands sustained or incurred as a consequence of the Works and will ensure that it has insurances to the level required by APTMS.



PERMIT TO WORK

Any Works which are to be carried out if this Application is approved must be carried out under APA's Permit to Work System ("the System").

The relevant site must be operated in accordance with the system under the supervision of a Permit Issuing Officer ("PIO") who is an authorised representative of APA.

The requirements of the System will be explained at the appropriate time by the PIO.

5 In making an assessment for compliance with AS2885 and the APTMS GFE, APTMS does not warrant, represent or imply, that any works submitted for assessment are:

- 5.1 suitable for their intended purpose, free of defect, flaw or error;
- 5.2 compliant with any law; or
- 5.3 requirements of any landowner.

6 Insurance details

- 6.1 Name of Insurer _____
- 6.2 Policy Number _____
- 6.3 Policy Amount _____
- 6.4 Expiry date of policy _____

7 Meaning of words and interpretation:

- 7.1 "CAP" means a conditional assessment of a proposal.
- 7.2 "CAD" means a Conditional Approval & Design letter, from APTMS to the Applicant containing the CAP decision.
- 7.3 "AS 2885" means the Australian Standard for Pipelines – Gas and Liquid Petroleum.
- 7.4 Means APTMS's Instructions for Work and includes the:
 - 7.4.1 Protection of High Pressure Pipelines, and
 - 7.4.2 Standard Operating Procedures.
- 7.5 Work(s) means the Applicant's proposed design, layout works, activities and any maintenance, operation, or repair or replacement of the works.
- 7.6 A reference to an Act includes regulations and other instruments under it, and amendments or replacements of any of them.

8 Signature and acceptance by applicants authorised person:

I confirm I have authority to accept all the conditions in this document or do so on behalf of the Applicant and acknowledge that the decision of APTMS is final and binding on the Applicant.

SIGNATURE _____ DATE _____

NAME

POSITION:.....



FOR APTMS USE ONLY

9 DECISION AFTER ASSESSMENT BY APTMS:

9.1 APTMS has considered the Applicant's proposed Works and decided they are:

9.1.1 Not permitted;

☐

9.2 Permitted subject to:

a) the conditions in Clause 4 above

☐

b) the following additional conditions

☐

APTMS Representative:

Name: _____ E-mail: _____
 Telephone: _____ Facsimile: _____
 Signature: _____ Date: _____
 Assessment No: _____

Petroleum Act 1923

Interference with pipeline or petroleum activities - Section 144.

A person who destroys, damages, interferes with or operates any pipeline or refinery or part thereof or anything on the site where the search for or recovery of petroleum is carried on commits an offence against this Act, unless the person does so under the authority of the owner of the pipeline, refinery or, as the case may be, thing.

Maximum penalty – 200 penalty units.



7 March 2011

Ms Fiona Douglas
APA Group
Lands Department
Private Bag 4
YOUNG NSW 2594

Dear Ms Douglas

Bathurst Bicycle Park

I refer to your electronic mail dated 7 February 2011 regarding the construction of a Bicycle Park at Lot 20 DP119593, Vale Road Bathurst.

Please find **attached** copy of Risk Assessment undertaken regarding the likely impact (upon either party) of the Bathurst Bicycle Park and the high pressure gas pipeline which is located within this property.

It needs be brought to the attention of APA that this property was, at the time the gas pipeline was installed, a working quarry for the extraction of granite. The pipeline was installed at a greater depth than is usual, to provide a larger degree of protection.

Whilst the Bathurst Bike Park will contain a velodrome and other facilities, these will be located well away from the gas pipeline corridor. The only construction works intended to be undertaken within the gas pipeline corridor are that of minor bicycle paths up to a maximum of 6m wide. Please find **attached** copy of engineering drawings that describe the works proposed on the site.

Upon approval of a Development Application for this facility, Council will prepare a Pipeline Risk Management Plan and undertake any works required to protect the integrity of the gas pipeline from risks associated with the Bathurst Bike Park facility.

Council also agrees to indemnify the APA Group for any loss incurred by it arising as a direct result of the construction and operation of Bathurst Bicycle Park, providing that Bathurst Regional Council is proven to have been negligent in its actions.

It is requested that APA Group provide its consent for Council to undertake the proposed construction works to be located within the gas pipeline corridor.

Reference: DS:DR
Enquiries: Mr Darren Sturgiss 02 6333 6294

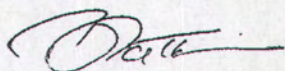
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Ms Fiona Douglas
APA Group
7 March 2011

Council is anxious to progress this development and it would be appreciated if this approval could be provided as a matter of urgency.

In the event you have any further enquiries, please direct them to Council's Manager Technical Services, Mr Darren Sturgiss.

Yours faithfully



Doug Patterson
DIRECTOR
ENGINEERING SERVICES

 BATHURST REGIONAL COUNCIL	ADDRESS: PMB 17 158 Russell Street BATHURST NSW 2795	Hazard Identification, Risk Assessment & Control, & Safe Operating Procedure WORKSHEET		LAST UPDATED: 3 Mar 2011

Group File No: Department:	WORK SITE: Bathurst Bicycle Park Vale Road Bathurst	ACTIVITY: Impact on High Pressure Underground gas mains as part of Bathurst Bicycle Park construction and operation						
Activity, Item or Area Checked	Risks Identified	How Severe?	How Likely?	Risk Rating	Control Measures	Person Responsible	Date Implemented	Comments

Deterioration of line through age	Suffocation	2	E	M	- On going monitoring by line owner - Regular inspections by controller of premises	Asset Owner		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				
	Poisoning	2	E	M				
	Gas leaks	3	D	M				
	Disruption of gas service	3	D	M				
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				

This sheet prepared by <u>J.Starr 17 Feb 11</u> Risk Assessment By: J. Starr D. Sturgiss Date: 3/03/11	Consultation Team: J. Starr D. Sturgiss	Date 3/03/11	THIS SAFE WORK METHOD STATEMENT HAS BEEN DEVELOPED IN CONSULTATION WITH THE WORKFORCE. ANY SITE SPECIFICS MUST BE ASSESSED AND ADDED TO THE SWMS PRIOR TO COMMENCEMENT OF WORK Signature: Date:	Page 1 Of 11 Form Version 01/2006
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How Severe?	How Likely?	Risk Rating							

Pipeline exposed due to erosion	Suffocation	2	E	M	- On going monitoring by line owner - Regular inspections by controller of premises	Asset Owner / Controller of premises		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				
	Poisoning	2	E	M				
	Gas leaks	3	D	M				
	Disruption of service	3	D	M				
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				

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Damage due to vibration from compacting equipment	Suffocation	2	E	M	- Construction plan to be submitted to asset owner for approval prior to commencing works - Prior to any works within gas easement, asset owner is to be contacted and representative to be on site as and when required. All instructions from asset owner representative to be followed - Prior to commencement of landscaping works, gas easement location to be identified. - Only static compacting equipment to be used within gas easement. - Ensure all work is carried out with due diligence to workcover guide "work near underground assets" - Site excavation or trenching must	Project Manager/ Works Manager		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				

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Activity, Item or Area Checked	Risks Identified	How Severe?	How Likely?	Risk Rating	Control Measures	Person Responsible	Date Implemented	Comments
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Damage due to vibration from compacting equipment (continued)	Poisoning	2	E	M	first carry out pot holing and service detection including "dial before you dig". • Depth and location of services must be confirmed before work commences. • Environmental impact must be considered and documented before work commences • Appropriate authorities must be consulted before work commences • Only authorised staff or contractors are to carry out maintenance or construction this site • Follow BRC SOP for operations near services	Project Manager/ Works Manager		
	Gas leaks	3	D	M				
	Disruption of service	3	D	M				
	Damage to Assets	2	E	M				
	Damage to reputation	3	D	M				

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Damage to pipeline due to installation of signs and temporary structures such as spectator seating	Suffocation	2	E	M	• Prior to installation of signs or structures, gas easement location to be identified. • No signage to be installed within gas easement corridor. • Temporary structures not to be installed within gas easement location. • Permanent structures not to be installed within gas easement corridor. •	Project Manager/ Works Manager/ Controller of Premises		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				
	Poisoning	2	E	M				
	Gas leaks	3	D	M				
	Disruption of service	3	D	M				
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				

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Damage to pipeline due to landscaping activities	Suffocation	2	E	M	- Landscaping plan to be developed for any landscaping works intended within gas easement. - Selection of plants and trees to take into account final size and root depth - Landscaping plan to be submitted to asset owner for approval prior to commencing works.. - Prior to commencement of landscaping works, gas easement location to be identified. - Prior to any works within gas easement, asset owner is to be contacted and representative on site if and when required. All instructions from asset owner representative to be followed. - Follow BRC SOP for operations near services	Project Manager/ Works Manager/ Controller of Premises		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				

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Damage to pipeline due to landscaping activities. (continued)	Poisoning	2	E	M	• Ensure all work is carried out with due diligence to workcover guide "work near underground assets" • Site excavation or trenching must first carry out pot holing and service detection including "dial before you dig". • Depth and location of services must be confirmed before work commences. • Environmental impact must be considered and documented before work commences • Appropriate authorities must be consulted before work commences. • Only authorised staff or contactors are to carry out maintenance or construction within gas easement	Project Manager/ Works Manager/ Controller of Premises		
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				
	Gas leaks	3	D	M				

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Possible damage to pipeline by excavation.	Suffocation	2	E	M	- Design plan to be developed for all construction works intended within gas easement. - Design plan to be submitted to asset owner for approval prior to commencing works.. - Prior to commencement of construction works, gas easement location to be identified. - Prior to any works within gas easement, asset owner is to be contacted and representative on site if and when required. All instructions from asset owner representative to be followed. - Follow BRC SOP for operations near services - Ensure all work is carried out with	Project Manager/ Works Manager/ Controller of Premises		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				

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Possible damage to pipeline by excavation. (continued)	Poisoning	2	E	M	due diligence to workcover guide "work near underground assets" • Site excavation or trenching must first carry out pot holing and service detection including "dial before you dig". • Depth and location of services must be confirmed before work commences. • Environmental impact must be considered and documented before work commences • Appropriate authorities must be consulted before work commences. • Only authorised staff or contractors are to carry out maintenance or construction within gas easement	Project Manager/ Works Manager/ Controller of Premises		
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				
	Gas leaks	3	D	M				

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How Severe?	How Likely?	Risk Rating							

Possible damage to pipeline by crushing.	Suffocation	2	E	M	- Design plan to be developed for all construction works intended within gas easement. - Design plan to be submitted to asset owner for approval prior to commencing works.. - Prior to commencement of construction works, gas easement location to be identified. - Prior to any works within gas easement, asset owner is to be contacted and representative on site if and when required. All instructions from asset owner representative to be followed. - Follow BRC SOP for operations near services	Project Manager/ Works Manager/ Controller of Premises		
	Environmental effects	2	C	E				
	Fines	3	E	M				
	Explosion	1	E	H				

This sheet prepared by <u>J.Starr 17 Feb 11</u> Risk Assessment By: J. Starr D. Sturgiss Date: 3/03/11	Consultation Team: J. Starr D. Sturgiss	Date: 3/03/11	THIS SAFE WORK METHOD STATEMENT HAS BEEN DEVELOPED IN CONSULTATION WITH THE WORKFORCE. ANY SITE SPECIFICS MUST BE ASSESSED AND ADDED TO THE SWMS PRIOR TO COMMENCEMENT OF WORK Signature: Date:	Page 10 Of 11 Form Version 01/2006
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Council Reference:	Date: March 11	OT-26	Page 10 of 11
Responsible Council Section: Technical Services Manager	Version: 1	Review: Mar 11	
Operational Template	Hazard Identification, Risk Assessment & Control, & Safe Operating Procedure Worksheet		

 BATHURST REGIONAL COUNCIL	ADDRESS: PMB 17 158 Russell Street BATHURST NSW 2795	Hazard Identification, Risk Assessment & Control, & Safe Operating Procedure WORKSHEET	LAST UPDATED: 3 Mar 2011

Group File No: Department:	WORK SITE: Bathurst Bicycle Park Vale Road Bathurst	ACTIVITY: Impact on High Pressure Underground gas mains as part of Bathurst Bicycle Park construction and operation						
Activity, Item or Area Checked	Risks Identified	How Severe?	How Likely?	Risk Rating	Control Measures	Person Responsible	Date Implemented	Comments

Possible damage to pipeline by crushing. (continued)	Poisoning	2	E	M	- Ensure all work is carried out with due diligence to workcover guide "work near underground assets" - Site excavation or trenching must first carry out pot holing and service detection including "dial before you dig". - Depth and location of services must be confirmed before work commences. - Environmental impact must be considered and documented before work commences - Appropriate authorities must be consulted before work commences. - Only authorised staff or contactors are to carry out maintenance or construction within gas easement	Project Manager/ Works Manager/ Controller of Premises		
	Gas leaks	3	D	M				
	Damage to Assets	2	E	M				
	Damage to reputation (BRC)	3	D	M				

This sheet prepared by J.Starr 17 Feb 11 Risk Assessment By: J. Starr D. Sturgiss Date: 3/03/11	Consultation Team: J. Starr D. Sturgiss	Date 3/03/11	THIS SAFE WORK METHOD STATEMENT HAS BEEN DEVELOPED IN CONSULTATION WITH THE WORKFORCE. ANY SITE SPECIFICS MUST BE ASSESSED AND ADDED TO THE SWMS PRIOR TO COMMENCEMENT OF WORK Signature: Date:	Page 11 Of 11 Form Version 01/2006
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Council Reference:	Date: March 11	OT-26	Page 11 of 11
Responsible Council Section: Technical Services Manager		Version: 1	Review: Mar 11
Operational Template		Hazard Identification, Risk Assessment & Control, & Safe Operating Procedure Worksheet	

Bathurst Regional Council Risk Assessment Matrix

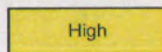
Consequences						Likelihood				
	Generation/ Financial	Assets	Environment	Reputation	People	Likelihood	B	C	D	E
						Common or occurs frequently	It is known to occur or "it has happened"	Could occur or has been know to happen	Not Likely to occur	Practically Impossible
1	Multiple sites services disrupted more than 7 days	Multiple site capability damage (>\$50m)	Massive impact	National /international impact	Multiple fatalities	Extreme	Extreme	Extreme	High	High
2	Site/Service disrupted more than 7 days	Site level damage (\$5m-\$50m)	Major effect	State wide impact	Lost time injury more than 7 days or fatality	Extreme	Extreme	Extreme	High	Medium
3	Site/Service disrupted	Equipment level replacement/ repair (\$100k-\$5m)	Localised effect	Local area impact	Lost time injury less than 7 days	Extreme	Extreme	High	Medium	Medium
4	Partial service or output reduction	Component level replacement repair (\$10k-\$100k)	Minor effect	Limited impact	Medical treatment injury	Extreme	High	Medium	Medium	Low
5	Slight impact on revenue/finances	Slight Damage(<10k)	Slight effect	Slight Impact	First aid injury	High	Medium	Medium	Low	Low

RISK SCORE



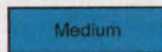
Extreme

Extreme - Intolerable stop work and immediately introduce further control measures



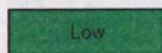
High

High - review and introduce additional controls using the hierarchy of hazard controls



Medium

Medium - Monitor and maintain strict control measures in line with the hierarchy of hazard controls



Low

Low - Tolerable monitor and manage

"BATHURST BICYCLE PARK"

ORTON PARK

VALE ROAD, BATHURST.

CONSTRUCTION OF PROPOSED BICYCLE PARK

COVER SHEET



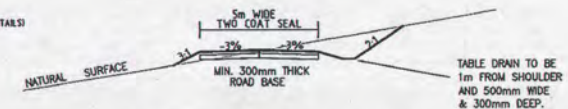
LOCALITY SKETCH
N.T.S.

CONSTRUCTION NOTES

1. TRAFFIC CONTROL PLAN AND TRAFFIC MANAGEMENT PLAN TO BE PROVIDED BY APPROPRIATELY CERTIFIED PERSONNEL PRIOR TO ANY CONSTRUCTION FOR APPROVAL BY DIRECTOR OF ENGINEERING.
2. ALL EXISTING UTILITIES ARE TO BE LOCATED AND DEPTED ON SITE PRIOR TO ANY CONSTRUCTION.
3. ALL WORKS ARE TO BE CARRIED OUT TO BATHURST REGIONAL COUNCIL CONSTRUCTION SPECIFICATIONS.
4. ALL WORKS TO BE CARRIED OUT WITHIN THE GUIDELINES OF THE OCCUPATIONAL HEALTH AND SAFETY ACT.
5. ALL TRENCHES UNDER ROAD SURFACE TO BE BACKFILLED IN 1 CEMENT : 27 SAND MIX AND COMPACTED BY MECHANICAL MEANS.
6. ALL WET OR UNSUITABLE MATERIAL TO BE REMOVED FROM THE SITE.
7. ALL TOPSOIL STRIPPED FROM THE SITE IS TO BE STOCKPILED FOR USE ON BATTERS AND FOOTPATH AREAS AT COMPLETION OF JOB.
8. EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO CONSTRUCTION.
9. ALL TABLE DRAINS TO BE STABILIZED TO PREVENT SCOURING AND EROSION PROBLEMS.
10. PAVEMENT DETAILS:
A. SUBGRADE - AS EXISTING OR SELECTED FILL COMPACTED TO 90 PERCENT STANDARD COMPACTION.
B. BASECOURSE - 20mm LEAN MIX CONCRETE THP.
C. WEARING SURFACE - 50mm AC14 PNB MIX, 12mm AC20 (REFER DWG SHEET 2 FOR PAVEMENT DETAILS).
11. ALL TREES ON SITE TO BE PROTECTED FROM DAMAGE.
12. GRAVEL FOR ROADBASE TO BE APPROVED BY THE ENGINEER (REFER SHEET 2 FOR DETAILS).
13. SIGNAGE AS PER ATTACHED TO BE IN PLACE AT ALL TIMES OF CONSTRUCTION.
14. SEAS AND ROAD FURNITURE TO BE PLACED AS PER THE ROADS AND TRAFFIC AUTHORITY INTERIM ROAD TO SIGNS AND MARKINGS.
15. DRAWING IS NOT TO BE USED FOR SCALING DISTANCES.
16. IF IN DOUBT - PLEASE ASK.

EROSION & SEDIMENT CONTROL MEASURES

1. EROSION CONTROL MEASURES TO BE IN PLACE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK. MEASURES ARE APPLIED TO PROTECT ADJOINING PROPERTIES FROM EROSION AND SILT DAMAGE.
2. BARRIER AND SILT FENCES (DWG SD 4-B) SHALL BE LOCATED AS CLOSE AS PRACTICAL TO ANY ESSENTIAL CONSTRUCTION ACTIVITY AS SHOWN.
3. SITE SHOULD NOT BE DISTURBED BEYOND 5 METRES FROM THE EDGE OF WORKS.
4. STOCKPILES SHALL BE CONFINED TO ONE CENTRAL AREA WHERE POSSIBLE.
5. SEDIMENT FENCES AND STRAW BALE SEDIMENT FILTERS TO BE ERRECTED ON SITE AT DISCRETION OF DEVELOPER.
6. PLACE GRAVEL FILLED GEOTEXTILE FILTERS (DWG SD 4-10) ALONG KERB AT ADEQUATE SPACINGS UPSTREAM OF STORMWATER PITS DURING AND AFTER EXCAVATION.
7. PIPED DRAINAGE NETWORKS SHOULD BE INSTALLED AND CONNECTED AS EARLY AS POSSIBLE.
8. EROSION CONTROL MEASURES NOT TO BE REMOVED UNTIL CONSTRUCTION IS COMPLETED AND SITE HAS BEEN REHABILITATED.
9. REHABILITATION INCLUDES COMPLETION OF ALL CONSTRUCTION WORK AND LANDSCAPING, SEEDING OR TURFING OF ALL BATTERS AND FILL AREAS.
10. THIS PLAN HAS BEEN DEVELOPED IN ACCORDANCE WITH THE NEW LANDSCAPING "BLUE BOOK" SOILS AND CONSTRUCTION AND ALL DETAILS RELATE TO THIS TEXT.



TYPICAL CROSS SECTION
N.T.S.



TYPICAL CROSS SECTION
N.T.S.

DRAWING LIST

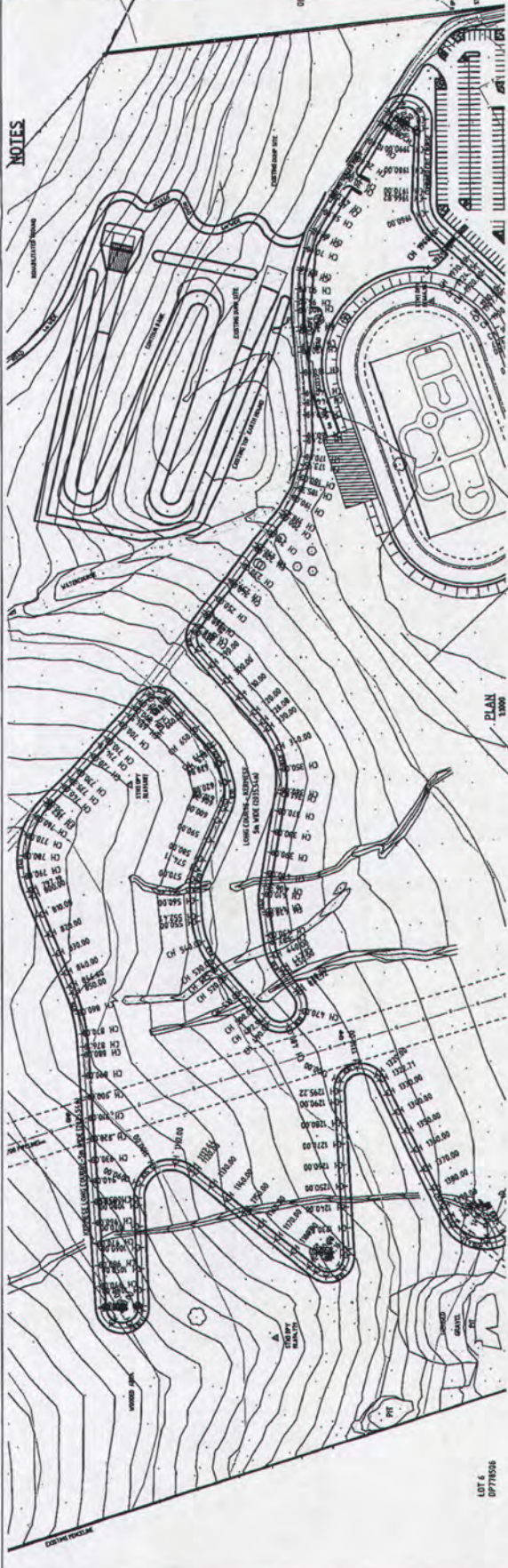
- EN 9702-1 - COVER SHEET.
- EN 9702-2 - PROPOSED LAYOUT PLAN.
- EN 9702-3 - SHORT COURSE-PLAN & LONGSECTION.(CH0.0-CH665.00)
- EN 9702-4 - SHORT COURSE-PLAN & LONGSECTION.(CH665.00-CH1197.68)
- EN 9702-5 - LONG COURSE-PLAN & LONGSECTION.(CH0.0-CH660.00)
- EN 9702-6 - LONG COURSE-PLAN & LONGSECTION.(CH660.00-CH1322.71)
- EN 9702-7 - LONG COURSE-PLAN & LONGSECTION.(CH1322.71-CH2035.54)
- EN 9702-8 - LINK ROAD-PLAN & LONGSECTION.(CH0.0-CH134.256)
- EN 9702-9 - BMX TRACK-PLAN & LONGSECTION.
- EN 9702-10 - UTILITY LAYOUT PLAN.
- EN 9702-11 - DRAINAGE PLAN.
- EN 9702-12 - VELODROME / PLAN & LONGSECTION.

CONSULTANT		REV	DESCRIPTION	INITIALS	DATE	SCALES (A0)	SHRVEYED	DWG/HC	CHECKED	PROJECT
CHECKED	APPROVED	A	ISSUED FOR APPROVAL	GW	15-08-09	1:50	0 0.1 0.2 0.3 0.4 0.5 Metres	DRANN	GW	BATHURST BICYCLE PARK
		B	ISSUED FOR APPROVAL	GW	19-10-10	1:20	0 0.2 0.4 0.6 0.8 1.0			TECHNICAL SERVICES MANAGER
						1:50	0 0.5 1.0 1.5 2.0 2.5			
						1:100	0 1 2 3 4 5			
						1:200	0 1 2 3 4 5			
						1:500	0 1 2 3 4 5			
						1:1000	0 1 2 3 4 5			
								DATE	AUG 09	DIRECTOR ENGINEERING SERVICES
								DATUM	AHD	
										DESCRIPTION
										COVER SHEET
										JOB No.
										-000
										DWG No.
										EN9702
										SHEET No.
										1
										REV.
										B.

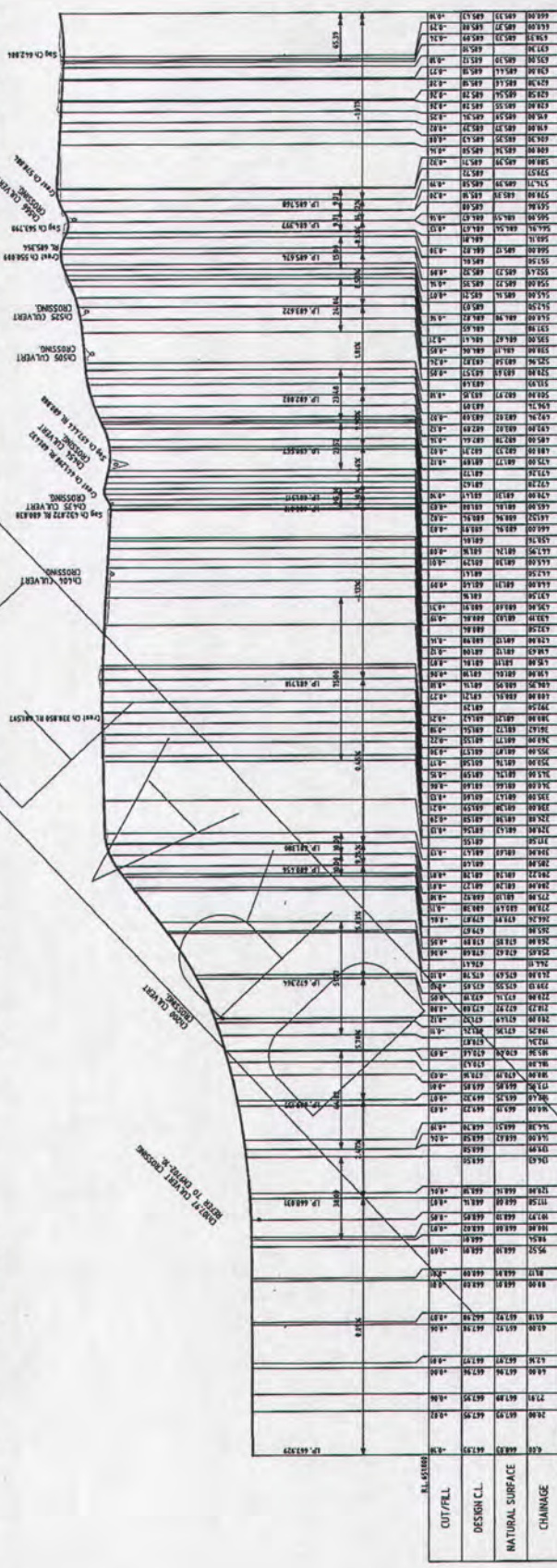


NOTES

ONVA SOUTHERN PTY LTD
DP94555



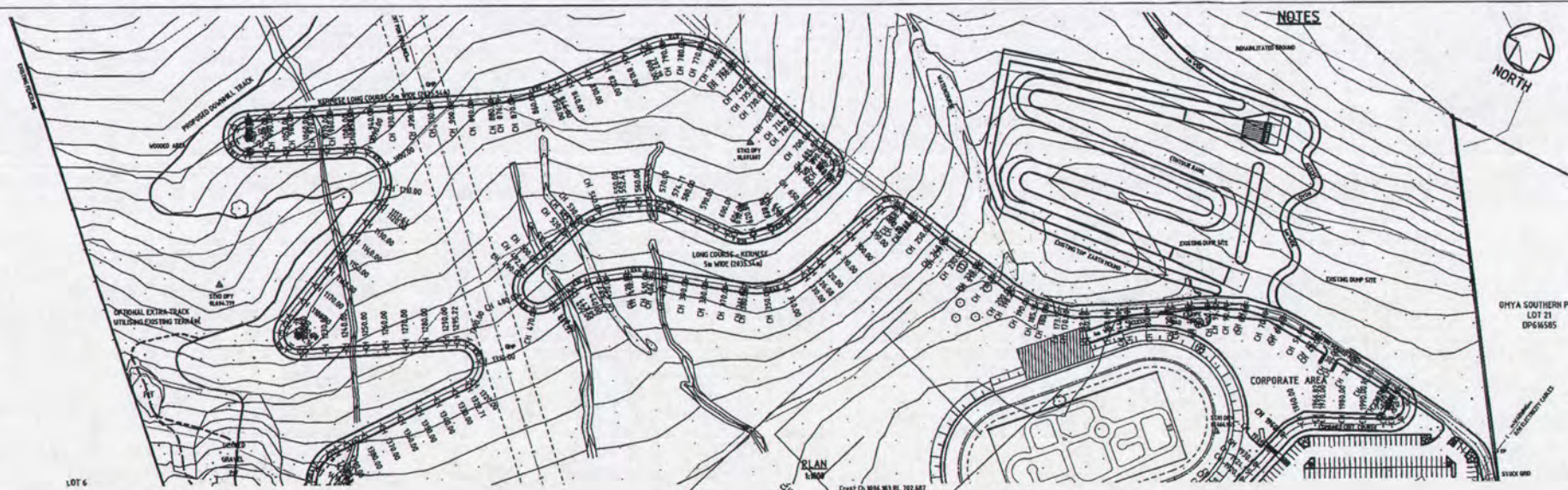
LOT 4
DP94555



PRELIMINARY DESIGN - GREEN COURSE - 2035.54m

NOTE:-
VERTICAL DESIGN COMPUTED BY
CADTHS IS NOT A FINAL DESIGN.

CONTRACT		DATE		REV		DESCRIPTION		APPROVED		APPROVED	
BATHURST REGIONAL COUNCIL		15-08-2017		A		ISSUED FOR APPROVAL		[Signature]		[Signature]	
PROJECT		BATHURST BICYCLE PARK		B		ISSUED FOR APPROVAL		[Signature]		[Signature]	
DECOMPOSITION		VALE ROAD - ORTON PARK		C		ISSUED FOR APPROVAL		[Signature]		[Signature]	
PLAN		GREEN COURSE		D		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SECTION		PLAN 1:1000		E		ISSUED FOR APPROVAL		[Signature]		[Signature]	
JOB NO.		ENR702		F		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SHEET NO.		5		G		ISSUED FOR APPROVAL		[Signature]		[Signature]	
DRAWN		J.400		H		ISSUED FOR APPROVAL		[Signature]		[Signature]	
CHECKED		J.400		I		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SURVEYED		J.400		J		ISSUED FOR APPROVAL		[Signature]		[Signature]	
DRAWN		J.400		K		ISSUED FOR APPROVAL		[Signature]		[Signature]	
DESIGN		J.400		L		ISSUED FOR APPROVAL		[Signature]		[Signature]	
DATE		J.400		M		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		N		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		O		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		P		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		Q		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		R		ISSUED FOR APPROVAL		[Signature]		[Signature]	
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SCALE		J.400		T		ISSUED FOR APPROVAL		[Signature]		[Signature]	
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SCALE		J.400		V		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		W		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		X		ISSUED FOR APPROVAL		[Signature]		[Signature]	
SCALE		J.400		Y		ISSUED FOR APPROVAL		[Signature]		[Signature]	
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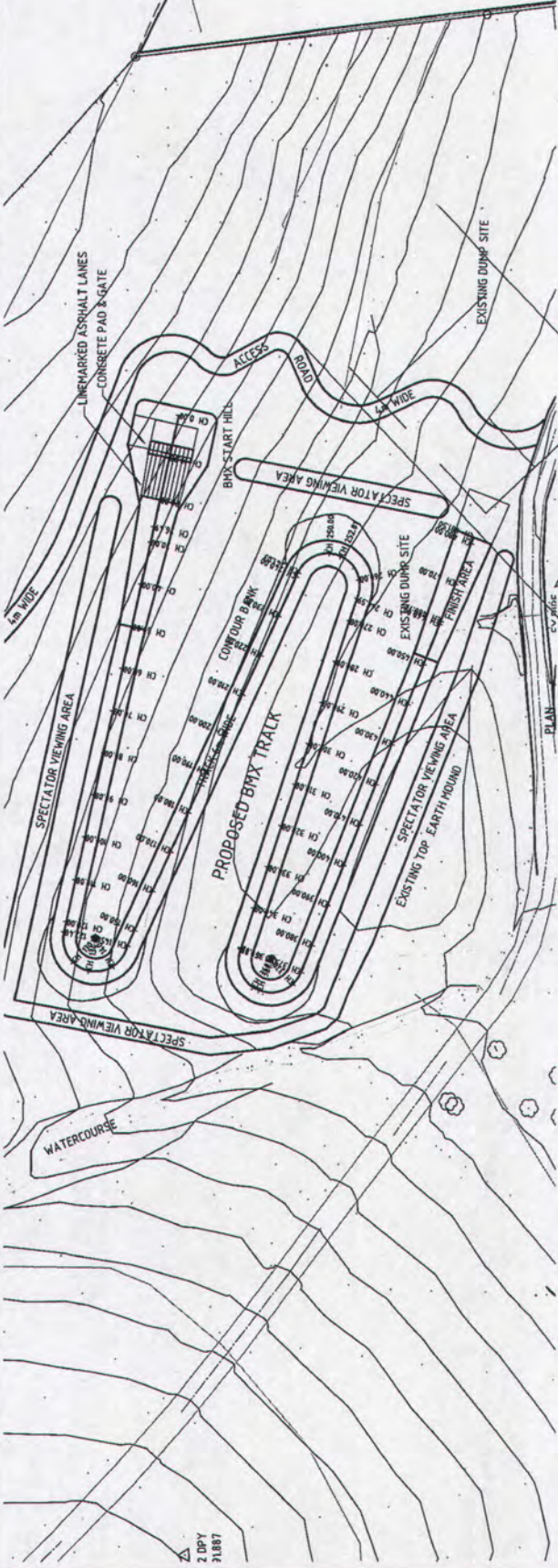
PRELIMINARY DESIGN-(GREEN COURSE-2035.54m)
LONGITUDINAL SECTION - LONGCOURSE FROM CH660.000 TO CH1322.713

NOTE:- VERTICAL DESIGN COMPUTED BY CAD.THIS IS NOT A FINAL DESIGN.

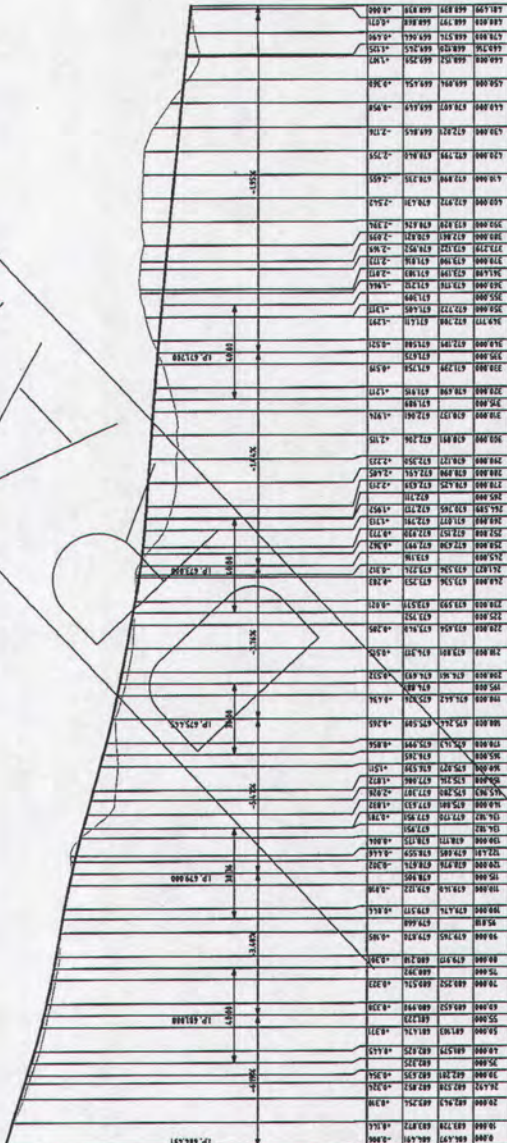
CONSULTANT					REV	DESCRIPTION	INITIALS	DATE	LONGITUDINAL SECTION - LONG COURSE		SURVEYED		CHECKED		PROJECT	
					A	ISSUED FOR APPROVAL	DW	15-08-09	1:10 0 0.1 0.2 0.3 0.4 0.5 Metres		DW/HC				BATHURST BICYCLE PARK VALE ROAD, ORTON PARK	
					B	ISSUED FOR APPROVAL	DW	19-10-10	1:20 0 0.2 0.4 0.6 0.8 1.0		DRAWN DW		TECHNICAL SERVICES MANAGER		DESCRIPTION: KERMESHE LONG COURSE PLAN & LONGITUDINAL SECTION CH660.00-CH1322.71	
									1:50 0 0.5 1.0 1.5 2.0 2.5		DESIGN DW		DIRECTOR ENGINEERING SERVICES		JOB No. J-000	
									1:100 0 1 2 3 4 5		DATE AUG 09				DWG No. EN9702	
									1:200 0 2 4 6 8 10 Metres		DATUM AHD				SHEET No. 6	
									1:500 0 5 10 15 20 25						REV. B.	
									1:750 0 7.5 15 22.5 30 37.5							
									1:1000 0 10 20 30 40 50							
CHECKED					APPROVED								BATHURST REGIONAL COUNCIL			



OMYA SOUTHERN



NOTE:- PROVISION FOR 2m START HILL WITH PADDOCK / ASSEMBLY AREA, CONCRETE PAD/APRON/ART GATE & ASPHALT UNMARKED LANES.



PROPOSED BMX TRACK (PLAN & LONG x 6m WIDE)

REV	DESCRIPTION	DATE	INITIALS	SCALE	DATE
1	DESIGN C.L.	15/10/20	OM	1:50	15/10/20
2	NATURAL SURFACE	15/10/20	OM	1:50	15/10/20
3	CHAINAGE	15/10/20	OM	1:50	15/10/20

PROJECT

BATHURST BICYCLE PARK

DESCRIPTION

PROPOSED BMX TRACK

JOB NO.

EN9702

DATE

15/10/20

REV.

B.

BATHURST REGIONAL COUNCIL

TECHNICAL SERVICES MANAGER

DIRECTOR ENGINEERING SERVICES

CHIEF OF PARTY

DATE

15/10/20

SCALE

1:50

DATE

15/10/20

INITIALS

OM

SCALE

1:50

DATE

15/10/20

INITIALS

OM

CHIEF OF PARTY

DATE

15/10/20

SCALE

1:50

DATE

15/10/20

INITIALS

OM

SCALE

1:50

DATE

15/10/20

INITIALS

OM

CHIEF OF PARTY

DATE

15/10/20

SCALE

1:50

DATE

15/10/20

INITIALS

OM

SCALE

1:50

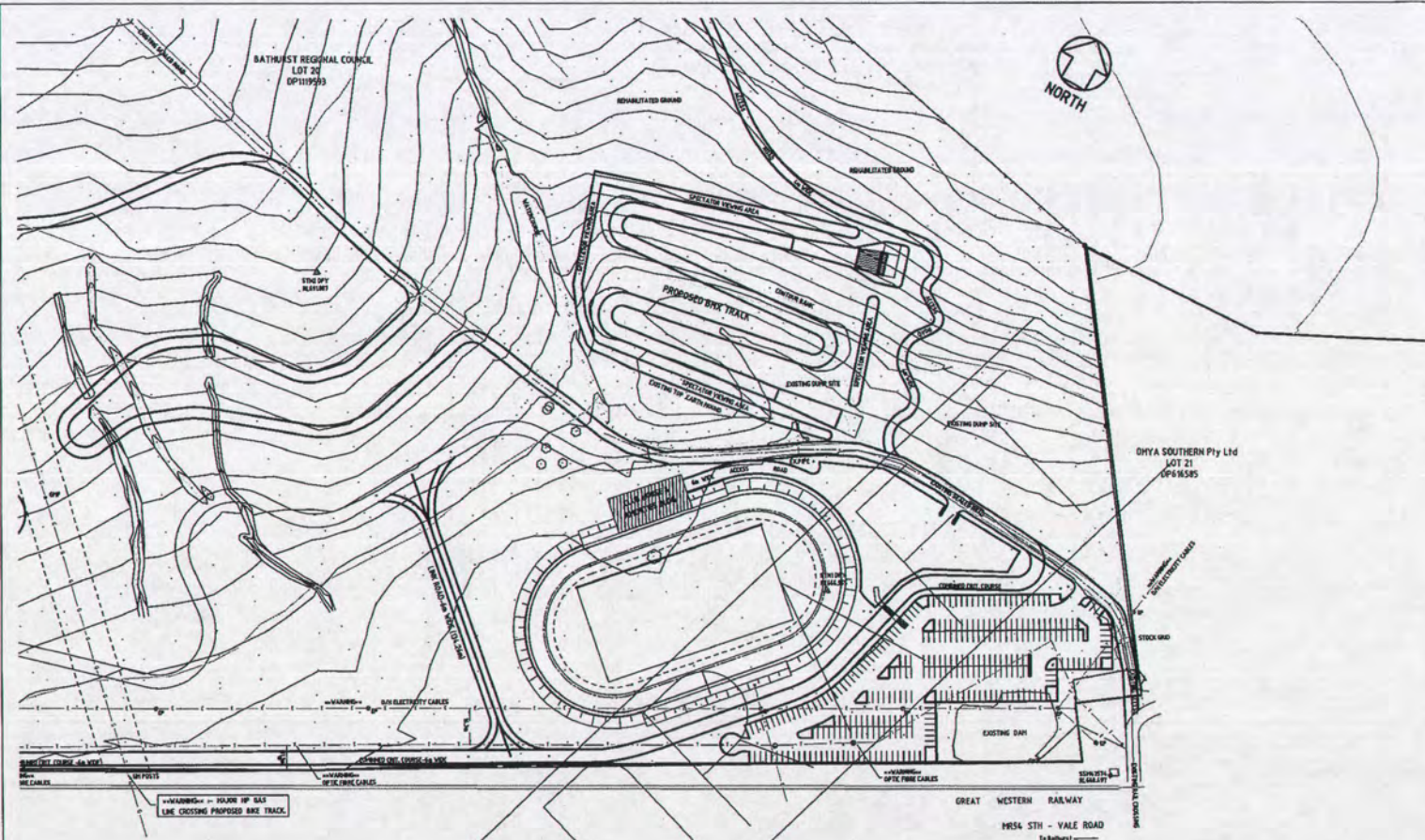
DATE

15/10/20

INITIALS

OM

NOTES



LEGEND

SEWER LINE	HYDRANT
PROPOSED SEWER LINE	STOP VALVE
WATER MAIN	WATER METER
PROPOSED WATER MAIN	POWER POLE, LIGHT POLE
ELECTRICITY-O/H/HEAD	SEWER MANHOLE
EXISTING GAS MAIN	SURVEY STN (PIG)
EXISTING TELSTRA CABLE	TREES
DRAINAGE LINE	SIGN
PROPOSED STORMWATER LINE	

CONSULTANT	REV	DESCRIPTION	INITIALS	DATE	SCALE (AS)	SURVEYED	DW/PC	CHECKED	PROJECT
	A	ISSUED FOR APPROVAL	GW	15-08-09	1:10				
	B	ISSUED FOR APPROVAL	GW	19-10-10	1:20	DRAWN	GW	TECHNICAL SERVICES MANAGER	BATHURST BICYCLE PARK VALE ROAD, ORTON PARK
					1:50				
					1:100	DESIGN	GW	DIRECTOR ENGINEERING SERVICES	UTILITY PLAN
					1:500				
CHECKED	APPROVED				1:10	DATE	AUG 09		
					1:500				

