Town of Cambridge

COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.1

REQUEST FOR CAPITAL WORKS

Request for Capital Works								
No	**Area**	**Project**	**Classification**	**Reason**	**Priority**	**Proposed Budget Year**	**Estimated Cost**	**Comments**
1	Parks	Roscommon Reserve Fencing	New	Damage to reserve from Mountain Bike users	1 - High	20/21	$75,000	
2	Parks	Perry Lake Criterion Track	New	Cambridge Bike Club have expressed an interest in extending the loop track at the Perry Lakes West Lake to create a cycling closed circuit loop.	3 - Low	21/22	$110,000	
3	Buildings/ Parks	City Beach Tennis Club	Renewal	Replacement of retaining wall between tennis courts and buildings	1 - High	21/22	$200,000	
4	Buildings/ Parks	City Beach Tennis Club	New	New Coaching Store, Toilet and Viewing Area	3 - Low	22/23	$140,000	
5	Buildings/ Parks	City Beach Tennis Club	Upgrade	Ramp access to the eastern courts	3 - Low	21/22	$260,000	
6	Buildings/ Parks	City Beach Tennis Club	Upgrade	Redevelop clubhouse, external viewing terrace	3 - Low	23/24	$100,000	
7	Roads	Lake Monger Drive	Upgrade	Installation of right turning lane into Kimberley Street	1 - High	20/21	$150,000	Linked to Council resolution June 2020
9	Parks	Jubilee Park	New	Petition received in February 2019 for half court basketball	2 - Medium	21/22	$50,000	Petition received by Council in February 2019
10	Parks	Beecroft Park	New	Floodlight to improve night use	3 - Low	21/22	$6,000	
11	Parks	Lake Monger Reserve	New	Close in dog exercise fence	3 - Low	20/21	$16,000	Stage 2 of fencing to close in dog exercise area
12	Roads	Jersey St/Salvado Rd intersection	Upgrade	No ped crossing phase at signals	1 - High	21/22	$250,000	
13	Roads	Salvado Rd/Harborne St intersection	Upgrade	No ped crossing phase at signals	1 - High	21/22	$250,000	
14	Roads	Cambridge St/Harborne St intersection	Upgrade	No ped crossing phase at signals	1 - High	21/22	$250,000	
15	Roads	Cambridge St/Jersey St intersection	Upgrade	Yellow Flashing lights for ped crossing	2 - Medium	22/23	$50,000	
16	Roads	Grantham St/Jersey St intersection	Upgrade	No ped crossing phase at signals	2 - Medium	21/22	$250,000	
16	Roads	The Boulevard/Kalinda Drive intersection	Upgrade	Seagull island	3 - Low	22/23	$100,000	
17	Roads	Empire Ave/The Boulevard roundabout	Upgrade	Dedicated left lane	2 - Medium	22/23	$175,000	
18	Roads	Cambridge St/ Southport St intersection	Upgrade	Right turn arrow or ban at peak period	3 - Low	23/24	$50,000	
19	Roads	Chandler Ave east footpath	New	Footpath installation	2 - Medium	23/24	$100,000	
20	Roads	Moray Ave	New	Traffic management treatment	2 - Medium	23/24	$100,000	
21	Parks	Bent Park East Swing	Upgrade	Decommissioned	1 - High	20/21	$7,000	Condition report advised unsafe
22	Parks	Giford Gardens Swing	Upgrade	Decommissioned	1 - High	20/21	$7,000	Condition report advised unsafe. Resident Complaint received 26.08.2020
23	Parks	Pat Goodridge Swing	Upgrade	Decommissioned	1 - High	20/21	$7,000	Condition report advised unsafe. Resident complaint received April 2020.
24	Parks	Ocean Village Park Swing	Upgrade	Decommissioned	1 - High	20/21	$7,000	Condition report advised unsafe
25	Parks	Boardwalk up lighting replacement - Perry Lakes	Upgrade	Existing lights not working	2 - Medium	20/21	$15,000	Complaint from Mr Skopek over two years
26	Parks	Dog fencing enclosure	New	To provide a closed in off lead area	1 - High	20/21	$16,000	Numerous requests to complete fencing during public consultation for the SE play space and pump track.
27	Parks	3 way 3T Truck	New	For tree branch collection, mulch spreading and loads larger than a ute	1 - High	20/21	$40,000	Will also reduce reliance on contractors to do small to medium jobs around town.
28	Parks	Basketball Pad and Ring Rutter Park	New	Basketball Half Court	3 - Low	21/22	$60,000	
29	Parks	Beecroft Park	Upgrade	Failing Playground Units	1 - High	21/22	$100,000	Structural Report advised its reached the end of its useful life.
30	Parks	Parkside Walk	Upgrade	Iron Filter upgrade due to decrease in water quality	1 - High	21/22	$90,000	Current double filter is not coping and capacity needs to increase
32	Parks	Path 16 Coastal Platform	New	Required to supplement existing allocation	1 - High	20/21	$20,000	$37K, $44K and $55K quotes received for this project. Far higher than the first quote obtained prior to budget.
33	Parks	Toolbox for retic ute	New	To fit out Leading Hand Ute with toolboxes, vice, pipe holder, etc.	1 - High	20/21	$10,000	Ute has no storage for irrigation parts
34	Parks	Native Animal Rescue	Ongoing	Annual support for native animal rescue volunteer organisation to continue helping injured wildlife in the Northern Metro Area	2 - Medium	20/21	$5,000	Due to a reduction of natural area management by $50,000 there is insufficient budget to assist this year unless mid year budget can be allocated.
35	Parks	Woolwich St Park Sound wall	Upgrade	Existing timber fence is failing and inadequate	1 - High	21/22	$40,000	To match existing sound wall either end of 47m timber fence.
36	Parks	Floreat Beach Access Path	New	To reduce trampling of dunes in southern carpark	2 - Medium	21/22	$12,000	Shark fishing and kyaks are causing erosion damage on the dune plantings next to the helicopter pad carpark. Currently only path allows access to beach at this location despite the width of the car park.
37	Roads	Surfacing of Lund Lane	Upgrade	Issues with sand going into peoples garages. Residents planting out the Lane with feral plant species	1 - High	21/22	$92,700	Requested by Cr Alaine Haddon-Casey
38	Parks	Ruislip Park Upgrade	Upgrade	Playground aged, retic poor, turf needs replacing, levels need correcting to make turf usable.	1 - High	21/22	$175,000	Jo Walker has lobbied Mayor and we agreed to program this coming year.
39	Parks	Perry Lakes Replace Bollards	Renewal	Beyond useful life and becoming unsafe	1 - High	21/22	$250,000	
40	Parks	Lake Monger Replace Bollards	Renewal	Beyond useful life and becoming unsafe	1 - High	21/22	$130,000	
41	Parks	City Beach OvalsReplace Bollards	Renewal	Beyond useful life and becoming unsafe	1 - High	21/22	$120,000	
42	Parks	Perry Lakes Replacement of Irrigation	Renewal	Beyond useful life, costing more in maintenance and operations. The park is also looking tired.	1 - High	21/22	$750,000	
43	Parks	Town Wide Installtion of SD Controllers	Renewal	Taking too long to find faults manually. This system reduces turn around times to ensure parks are kept green.	1 - High	21/22	$300,000	
44	Roads	Perry Lakes Carpark Upgrade	Renewal	Some of the car parks are now becoming a high risk due to their poor condition	1 - High	21/22	$250,000	
45	Roads	City Beach Surf Club Carpark Upgrade	Renewal	Currently on works program for 21/22.	2 - Medium	21/22	$62,600	
46	Roads	City Beach North Carpark Upgrade	Renewal	Currently on works program for 21/22.	2 - Medium	21/22	$126,800	
47	Roads	City Beach South Carpark Upgrade	Renewal	Currently on works program for 21/22.	2 - Medium	21/22	$135,800	
48	Roads	Floreat Beach Carpark Upgrade	Renewal	Currently on works program for 22/23	2 - Medium	22/23	$249,800	
49	Roads	Harborne St/Salvado Rd Cambridge St/Harborne St Install Signalised Pedestrain	New		2 - Medium	22/23	$250,000	
50	Parks	Perry Lakes Pedestrian Path Link	New	Perry Lakes pedestrian connection north side of west lake as identified in the Management Plan	3 - Low	21/22	$110,000	
51	Parks	Perry Lakes Pedestrian Path Link	New	Perry Lakes pedestrian connection north side of west lake as identified in the Management Plan	3 - Low	21/22	$110,000	

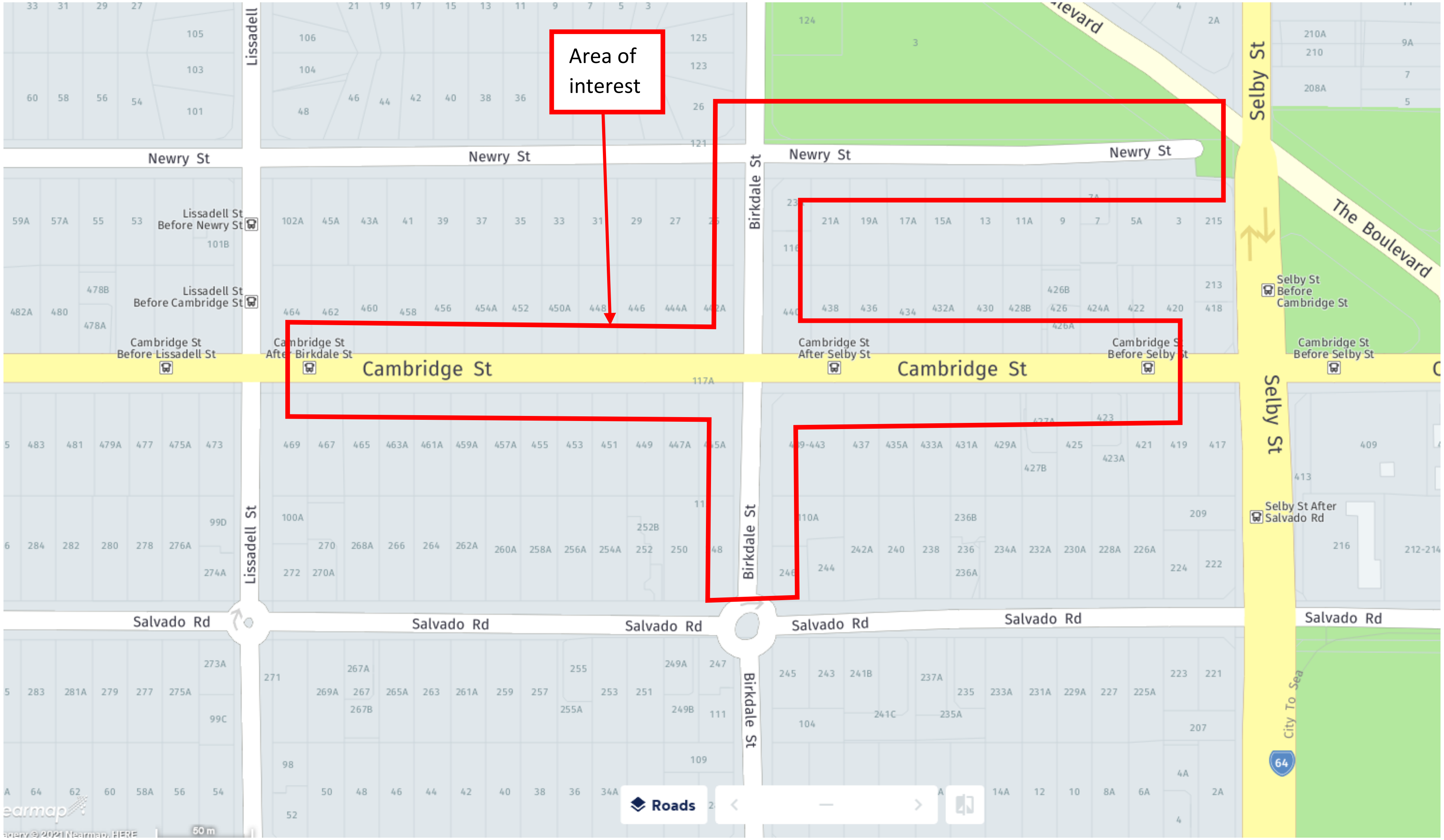
Town of Cambridge

COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT 1 OF 4 TO ITEM CR21.2

LOCALITY PLAN



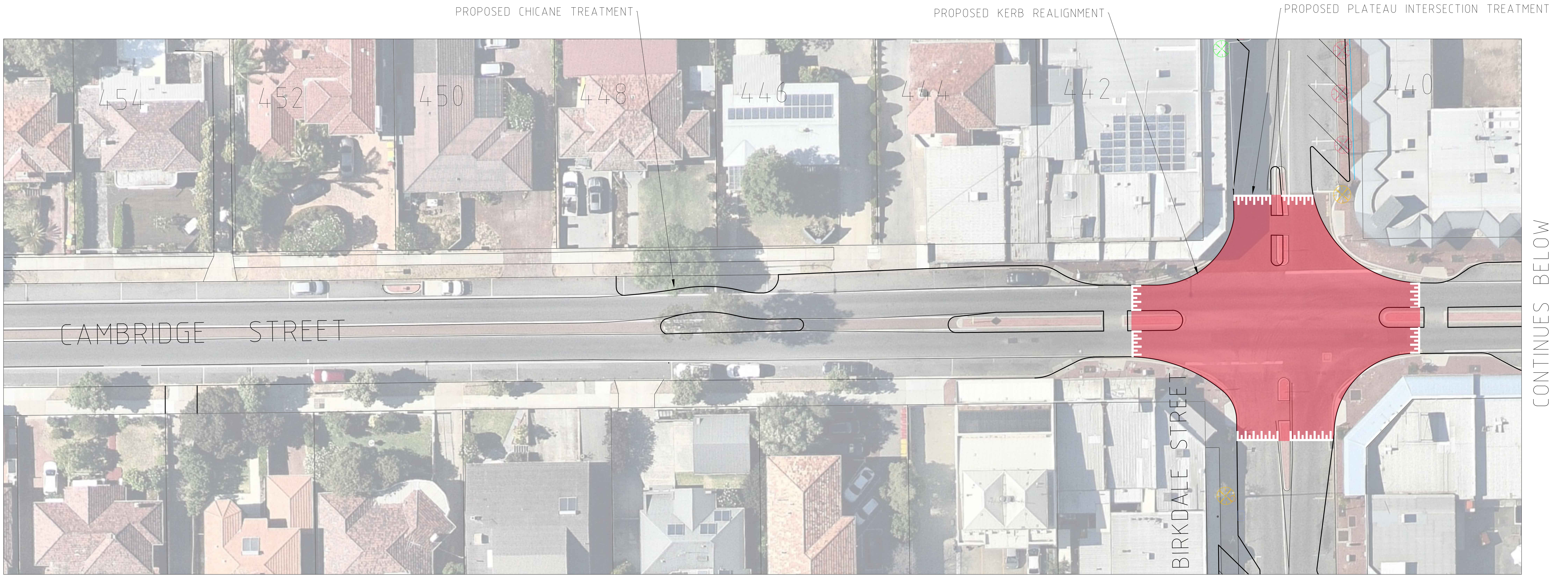
Locality Plan

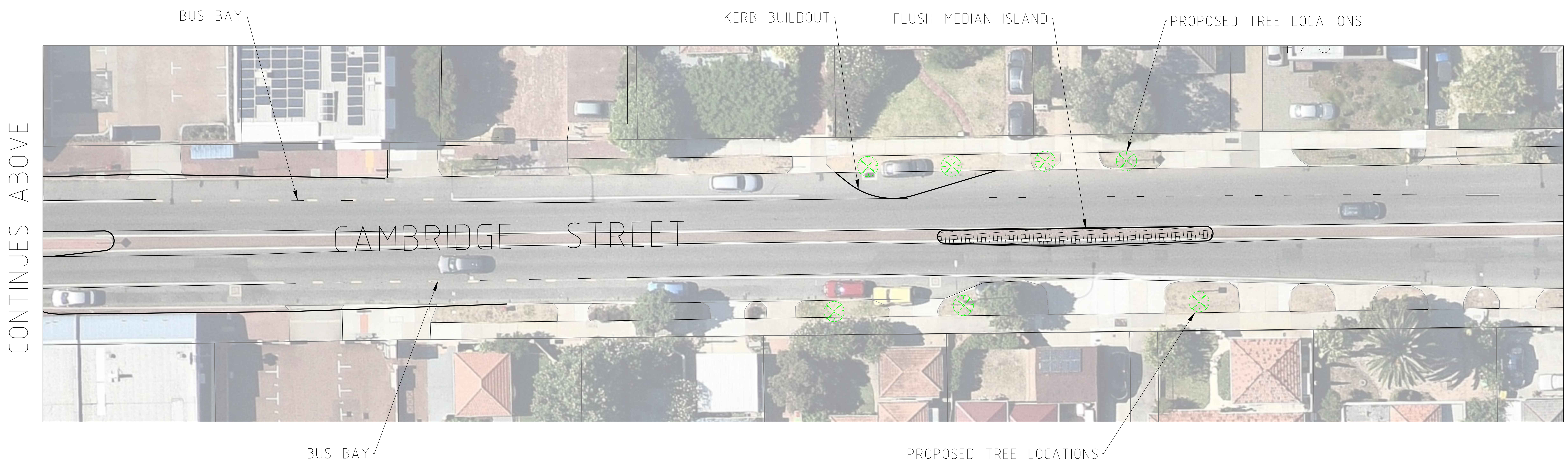
COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT 2 OF 4 TO ITEM CR21.2

TRAFFIC MANAGEMENT TREATMENT CONCEPT PLANS





REVISION	DATE	DESIGNED	DRAWN	CHECKED	AMENDMENT
C	5/2/21	KW	KW	KW	REVIEWED TRAFFIC MANAGEMENT TREATMENT
B	24/8/20	BC	BC	PF	REDUCE WIDTH OF SPEED TREATMENT TO MINIMIZE LOST BAYS
A	3/4/20	BC	BC	PF	ISSUED FOR COMMENT

Town of Cambridge

1 BOLD PARK DRIVE, FLOREAT

mail@cambridge.wa.gov.au

APPROVED BY:

DIRECTOR INFRASTRUCTURE

DATE

SCALE: 1:250	DATE: 03/02/2020	DATUM: A.H.D.
DESIGNED: AS	DRAWN: AS	CHECKED:
COUNCIL REPORT: IN		
COUNCIL APPROVAL: 00/00/00		
ECM DOC No: NA		
MRWA APPROVAL: NA		

CAMRBIDGE ST & BIRKDALE ST
PROPOSED TRAFFIC MANAGEMENT TREATMENT
CONCEPT PLAN

WORKS AND ENGINEERING

DRAWING NUMBER

DEPT	ASSET	YEAR	NUMBER
E	000	00	00

SHEET: 1 OF 1

REVISION: C

ORIGINAL DWG SIZE: A1

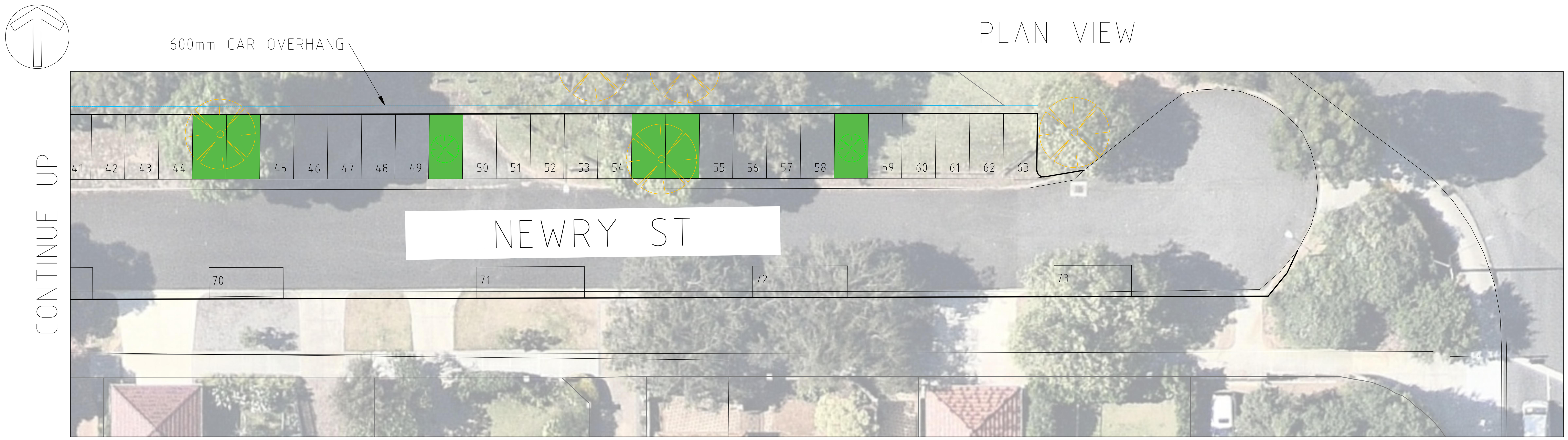
COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT 3 OF 4 TO ITEM CR21.2

PARKING UPGRADE CONCEPT PLANS

PLAN VIEW

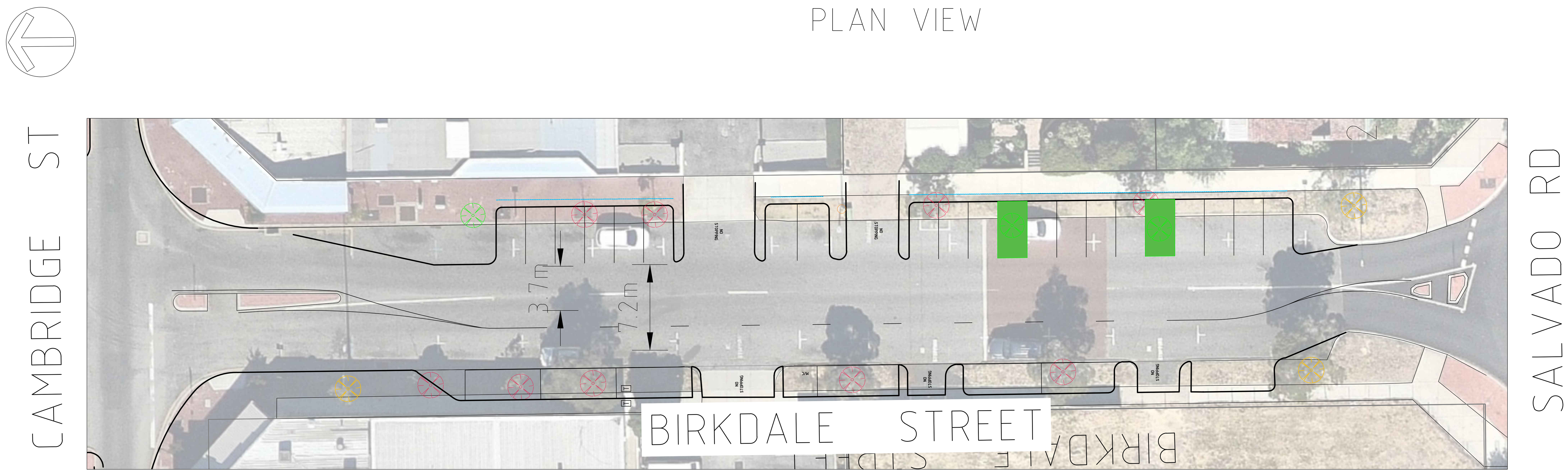


PLAN VIEW

LEGEND

NEW TREE

EXISTING TREE



PLAN VIEW

NEWRY ST - 90 DEGREES ANGLE PROPOSED CAR PARKING BAYS - ~~OPTION 2~~					
LOCATION	NUMBER OF BAYS				
	EXISTING	TOTAL PROPOSED	USED FOR TREE	NET PROPOSED	GAIN/LOSS
BIRKDALE ST TO THE BOULEVARD	22	87	14	**73**	**51**

BIRKDALE ST - 45 DEGREES ANGLE PROPOSED CAR PARKING BAYS					
LOCATION	NUMBER OF BAYS				
	EXISTING	TOTAL PROPOSED	USED FOR TREE	NET PROPOSED	GAIN/LOSS
~~THE BOULEVARD TO NEWRY ST~~	~~27~~	~~38~~	~~5~~	~~33~~	~~6~~
~~NEWRY ST TO CAMBRIDGE ST~~	~~24~~	~~20~~	~~0~~	~~20~~	~~-4~~
CAMBRIDGE ST TO SALVADO ROAD	18	20	0	20	2

LEGEND

NEW TREE

EXISTING TREE

REVISION	DATE	DESIGNED	DRAWN	CHECKED	AMENDMENT
A	5/2/21	KW	KW	KW	COMBINED BIRKDALE AND NEWRY PAKING LAYOUTS

Town of Cambridge

1 BOLD PARK DRIVE, FLOREAT

mail@cambridge.wa.gov.au

APPROVED BY:

DIRECTOR INFRASTRUCTURE

DATE

SCALE: 1:250	DATE: 03/04/20	DATUM: A.H.D.
DESIGNED: BC	DRAWN: BC	CHECKED:
COUNCIL REPORT: IN		
COUNCIL APPROVAL: 00/00/00		
ECM DOC No: NA		
MRWA APPROVAL: NA		

BIRKDALE STREET AND NEWRY STREET
PROPOSED PARKING LAYOUT
CONCEPT PLAN

WORKS AND ENGINEERING

DRAWING NUMBER

E 000 00 00

DEPT ASSET YEAR NUMBER

SHEET: 1 OF 1

REVISION: A

ORIGINAL DWG SIZE: A1

Town of Cambridge

COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT 4 OF 4 TO ITEM CR21.2

ENGAGEMENT LETTER

Ref No. xxxxxx

Date

To the Owner - Occupier

Dear Owner - Occupier

PROPOSED TRAFFIC MANAGEMENT TREATMENT AND PARKING UPGRADE FOR THE CAMBRIDGE STREET BIRKDALE STREET PRECINCT, FLOREAT

Following requests from residents and shop owners the Town of Cambridge is considering implementing a Traffic Management Treatment and parking upgrades within this precinct. The Town is now seeking your feedback before progressing with this project.

Comments, indicating your feedback on the proposed Traffic Management Treatment and parking upgrades, are invited for consideration by the Town. The proposed traffic treatments are a chicane treatment on Cambridge Street on the west of Birkdale Street and a raised plateau treatment for the Intersection of Cambridge Street and Birkdale Street. The parking Upgrades consist of 90degree angled parking bays in Birkdale Street and Newry Street. Copies of the Concept Plans showing both of the proposals, the Traffic Management Treatments and the Parking Upgrades are attached for your reference.

Comments relating to these changes should be submitted in writing, preferably via email to the Town at mail@cambridge.wa.gov.au by Date.

If you have any further queries in relation to this matter please contact the Town's Coordinator of Design, waste and Technical Services, Kevin White on 9347 6000.

Yours sincerely

KEVIN WHITE
COORDINATOR DESIGN, WASTE AND TECHNICAL SERVICES

COMMUNITY AND RESOURCES MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.3

LAKE MONGER NORTH ARTIFICIAL TURF HOCKEY FACILITY FEASIBILITY STUDY

LAKE MONGER RESERVE

Artificial Hockey Turf
Feasibility Study

REPORT PREPARED FOR

TOWN OF CAMBRIDGE

Prepared by	**Porter Consulting Engineers**
Postal address	PO Box 1036 Canning Bridge WA 6153
Phone	(08) 9315 9955
Email	brad@portereng.com.au

Job number	20-11-173
Date	28/01/2021
Our reference	R85B.20
Checked	BIH

HISTORY AND STATUS OF THE DOCUMENT

Revision	Date issued	Author	Issued to	Revision type
Rev A	14/01/2021	B Harris	Porter Consulting Engineers	Initial Issue for Client Review
Rev B	29/01/2021	B Harris	Porter Consulting Engineers	Final Issue

CONTENTS

1.0 EXECUTIVE SUMMARY

The Town of Cambridge is considering the feasibility of the installation of an artificial hockey turf and lighting, together with a multipurpose clubroom facility including function space, toilets, change-rooms, and food and beverage areas for the predominant use of a hockey club on the northern portion of Lake Monger Reserve, Wembley.

The feasibility study has found that the site has room to accommodate one artificial turf and clubroom and potentially has capacity for a second turf, if a future expansion option is to be considered. The site has good traffic access to and from the Mitchell Freeway and Powis Street and is located well away from residential properties for any potential light and noise issues.

The Site will require further detailed geotechnical investigation of existing ground conditions to determine the appropriate level of ground improvement needed for the hockey field and building site. There is high likelihood of ground improvement required, the extent of which will depend on this testing to determine areas and depths of any swampy silt deposits and the depth of landfill. An allowance at this feasibility stage of an extra $400,000 of remedial works to the building, carpark and hockey field has been included. However, these costs will require review following more detailed geotechnical investigation.

To service the clubroom building, it will require the extension of services to the site, namely power, water and sewer, with a small package sewer pump station likely to be required. However, the extension of these services is possible and would not be a restriction to the project proceeding.

The Site is located near Lake Monger and is part of the Lake Monger Reserve which is a registered Aboriginal Site. Therefore, further Aboriginal Heritage investigation and consultation would be required as part of any development consideration on this site.

The overall development cost at the Feasibility Stage of the project is **$7.92 million** for the delivery of a clubroom and artificial hockey turf at the Lake Monger Reserve.

2.0 INTRODUCTION

2.1 Project Background

The proposed building facility will be primarily used for hockey, with the clubroom facility having the ability to be used for multi-purpose community uses capable of hosting community meetings and events, and medium size functions. The facility will also cater for corporate and member functions, with a number of change rooms and toilet facilities to cater for its various users, including universal access, with parking facilities modified and upgraded.

The external facilities will consist of a fully enclosed (fenced) synthetic hockey surface, lighting, fencing and spectator viewing. The facility will need provision for water reticulation for the hockey turf.

This study looks at the feasibility of this development and discusses various options, constraints and costs for the development of the project at a feasibility level to help inform the decision of future construction of an artificial turf. At this stage no consultation has been undertaken with future users to determine specific facility requirements, albeit at the feasibility stage this would not impact greatly on the findings in the report.

2.2 Project Area and Existing Ground Conditions

The project involves the development of unused portion of the north east corner of the Lake Monger Reserve. The area is bounded by Powis Street to the north of the site, Mitchell Freeway off-ramp to the east, Bold Park Community School to the west and Lake Monger to the south.

The area has historical uses as a landfill site with previous preliminary investigations taking place on adjacent Bold Park Community School in 2002. It is likely additional environmental reporting and historical information would be available on the extent of landfill areas as part of further detailed design investigation.

The Lake Monger Reserve is also a registered Aboriginal Site (ID 3788) which means that any development on the site will be required to be approved through a Section 18 Aboriginal Heritage Approval process and will require consultation with Aboriginal Native Title claimants.

The existing site is categorised as a Class P site based on the historical land uses and the potential of soft swampy deposits due to the proximity of Lake Monger. The preliminary geotechnical investigation undertaken by Golder and Associates found that the site had in the range of clean fill of approximate depth of 0.5m to 1.0m, which overlaid landfill material between 1.0m and 2.6m. The reminder was sand with sections of clayey peat.

Maximum groundwater levels were found to be in the vicinity of RL 13.5m. Existing ground levels in the area range from 13.8m along Dodd Street carpark to the south of the site to 14.2m to the existing carpark to the north of the proposed hockey pitch site.

The Site is well positioned in regards to vehicle access, being in close proximity to the Mitchell Freeway with existing full access to Powis Street. There are also no residential properties in the immediate area, with the nearest properties being 250m away from the proposed turf, on the northern side of Powis Street, which is a dual carriageway road. As the majority of games and training for the hockey turf is likely to be in the late afternoon/evenings and on weekends, there is not expected to be much impact on the adjoining Bold Park Community School either.

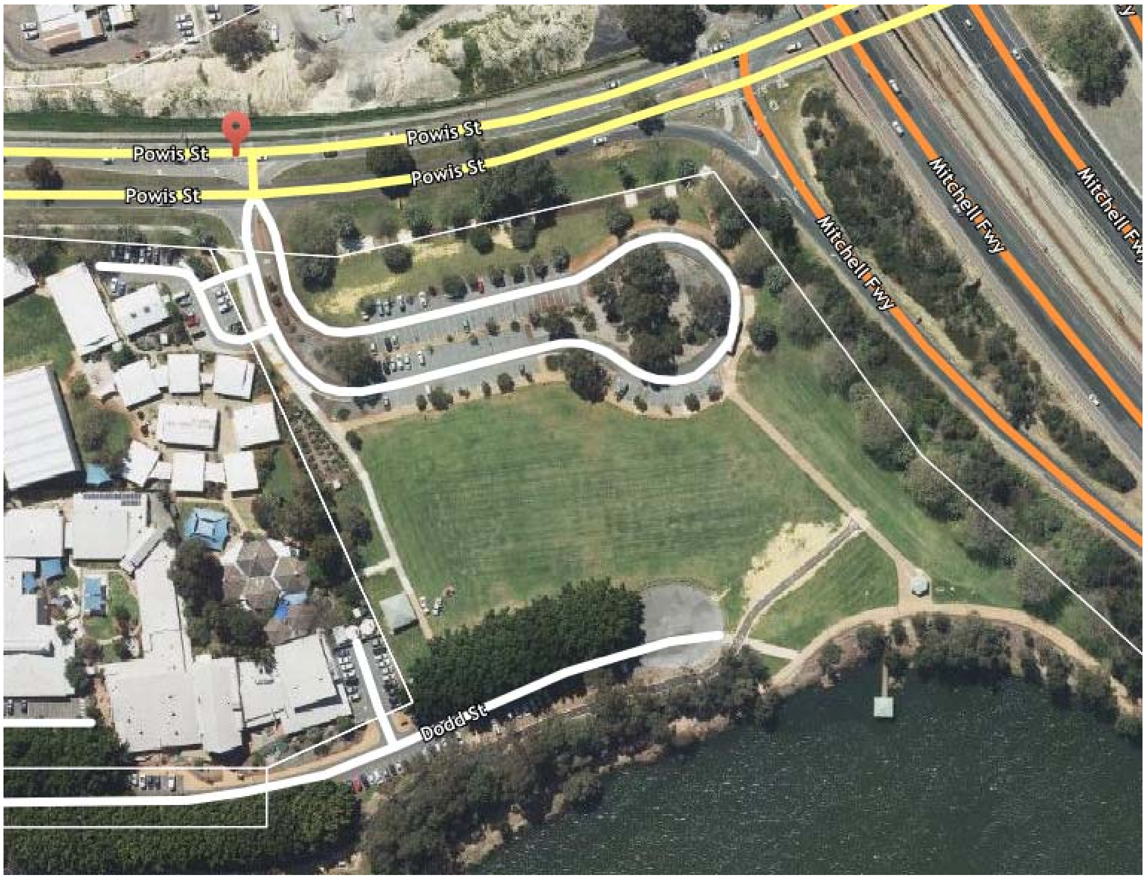


Figure 1 – Lake Monger Reserve, Glendalough

3.0 HOCKEY TURF DESIGN COMPONENTS

An initial site meeting was held with Town of Cambridge officers to discuss general project requirements and review site conditions. Based on these discussions and Brief requirements, preliminary designs have been prepared based on recent turf installations that have been installed in the Perth Region.

A copy of the preliminary engineering plans are included at **Appendix 1.**

3.1 Site Preparation and Earthworks

Douglas Partners have reviewed existing geotechnical information available for the site and historical information available. They have provided a summary report including potential options for ground improvement works. A copy of this geotechnical report is included at **Appendix 2.**

The development of a Clubroom facility and artificial hockey turf will require particular ground improvement to ensure limited to no settlement of the building and hockey pitch. There are several ways to undertake this, which will depend on further detailed investigation of ground conditions of the site. Several of these options for the ground improvement are detailed in the geotechnical report, but for the purposes of the feasibility report we have adopted the following ground improvement measures, based on best case scenario:

1) Rapid Impact Compaction to site area
2) Tensar Grid applied to both carpark and hockey pavement areas to reduce differential settlement potential
3) Fill of 1m is applied to building footprint due to elevation over hockey field which will assist in building settlement
4) Screw Piles applied to building footprint area
5) Thicker hockey pavement construction than typical sand subgrades proposed.

Consideration of pre-loading of the hockey field (to 4m height) should be considered following further geotechnical investigation in the area of the hockey field. A period of 1-2 years is generally required where soft materials occur. The hockey pitch area and immediate surrounds is in the order of 7,000m^2. Therefore filling costs is likely to add a further **<u>$800,000</u>** to the cost of the project to place the required 28,000m^3 of clean fill over the hockey pitch area and then remove the fill material. It is assumed that some of the fill would be re-used on site and removal would be a zero disposal cost.

It is important that final ground levels are also set above so that hockey pavements are not bedded in groundwater and that drainage has opportunity to flow away. Final hockey field levels would need to be set but this would need to be at least 14.2m to ensure 0.5m clearance to the maximum ground water levels.

If the site is found to overlay more silty/swamp deposits, then additional or alternative treatments as listed in the Douglas Partners may be required. This may include pre-loading of the site for a period of time or use of controlled modulus columns beneath the hockey field. Given slight changes in levels on a hockey field (only 3mm tolerance allowed) are critical to long term performance, more specific investigation would be required in the hockey turf area to determine the presence and extent of soft swampy deposits.

Action Items -

- Additional geotechnical investigations will be required to determine exact soil conditions beneath the site, particularly under the future hockey pitch location.
- Confirm the suitability of ground improvement techniques for the site or if more intensive ground improvements are required.
- Further environmental and acid sulphate soil testing will be required to determine extent of waste treatment if required.

3.2 Turf Selection

The following turf construction components are considered required.

- Wet pitch design.
- In-situ shock pad installation
- 30mm asphalt pavement
- Minimum 200mm roadbase pavement with a tensar grid to reduce settlement potential.

There are 2 major hockey turf pitch suppliers being Polytan and Tiger Turf. Both have products suitable for wet pitch or hybrid turf designs suitable for the site. We have assumed a higher grade of turf would be used on a new pitch installation.

The grade of the pitch we recommend to be 0.8% to allow for sufficient grades for drainage over the hardstand area and to prevent pooling of water at edges of the turf. The Curtin University State Hockey Centre has recently upgraded a turf pitch to be fully compliant with Elite Level FIH standards with flat 0.4% grades. To achieve these pavement grades and still allow for adequate drainage, a permeable asphalt and subsoil drainage system was installed. However, the costs of the additional paving treatment and drainage are much higher and at this stage we have only costed the installation based on typical Global pitch accreditation and standard Perth hockey pitch design.

Action Items - Turf design requirements to be confirmed at detailed design stage.

3.3 Irrigation

A synthetic hockey field surface needs to be lubricated with water so that hockey balls slide freely across the pitch surface. However, too much water creates a slippery surface for players.

Synthetic sports surface suppliers recommend that the hockey field irrigation system applies approximately 9,000 - 10,000 litres through a full cycle. Federation of International Hockey (FIH) Standards require that this water is applied within 8 minutes. Given a standard 6 cannon irrigation system, each canon will need a complete cycle within 80 seconds. Therefore, each cannon will be required to apply approximately 20 litres of water per second.

In winter, evaporation rates are lower than would be expected in summer and the majority of hockey is played within the winter months of the year. During these lower evaporation rate periods, it is expected that two matches could be played on a full irrigation cycle of 8 minutes. However, watering the pitch at half time would be required during the extremely hot and windy conditions where evaporation loss is significant.

Latest design in hockey synthetic surfaces includes texturized mono-filament yarn. This yarn is designed to trap water within the pitch surface between the yarn strands using capillary action. In combination with this, the spray adhesive layer used to adhere the synthetic grass to the shock pad regulates the vertical passage of water through the surface. These two factors are specifically designed to reduce the loss of water in the pitch surface to evaporation or vertical drainage to, in turn, reduce the need for subsequent watering of the pitch surface.

This technology helps reduce water volumes needed to achieve the free ball roll requirements for match play. Water used can be further reduced by monitoring the field throughout the day. If the surface is found to be drying out to the point where it feels dry to touch or starts to appear drier in certain patches, then a half cycle could be applied at the next break interval, half time or prior to next match, to re-wet the pitch.

The existing artificial hockey turf in Melville is a typical wet synthetic surface in Perth and has a watering regime that was monitored and found to use about 3,800Kl per year. In comparison, a typical equivalent grass ground requires about 32mm per week in the watering season and will use about 7,680Kl per year.

It is likely that the new turf would be required to be a wet turf design. However, hybrid turf options are used in WA where irrigation is not yet provided or available. Two recent turfs are HBF Arena in Joondalup and Aquinas Hockey Turf in Salter Point. The latter using two fire hoses to wet down areas prior to major games. Generally the hybrid turfs are less preferred at the higher levels of hockey play and preference would be for wet turf.

Options for water supply for the turf are:

1. Bore water use – treated.

2. Potable water supply.

3. Potable water supply with potential water harvesting and re-use.

Action Items – The Town and Club user to determine if the turf is required to be a wet turf or alternatively a hybrid turf that is essentially played on dry with the ability to water down from fire hoses

3.3.1 Scheme Water

Scheme water is an option to supply the water required for the irrigation of the proposed hockey field. Water pressure from the existing Water Corporation reticulation main adjacent to the Site will need to be checked to confirm suitability in supply volumes required. The site connection would need to be of sufficient size to allow the turf tanks to refill over about 2 watering cycles. Larger water connections will attract headworks charges that could incur considerable costs.

To adequately service the proposed turf, a connection supplying at least 5 L/s will be required along with a backflow prevention device and about 100m of 50mm Ø internal supply main. The approximate cost of this infrastructure is \$20,000 and the headwork charge is \$70,000. The basic water use of 3,800Kl per year would cost at current water charges about \$7,000 per annum.

3.3.2 Bore Water

Where there is reasonable quality bore water available, the cost of using potable water is not effective either, nor is it as environmentally sustainable. The Town of Cambridge have provided results of the adjacent bore near the site (**Appendix 3**). This does show elevated iron levels which can be readily treated with an iron filtration system.

Initial discussions with Total Eden who supply iron filtration units is that following the iron filtration, it is not likely any further treatment would be required. Discussions with turf suppliers also indicated that the water test results should be ok for the turf following iron filtration and no major concern with the water quality following iron filtration and that it is not uncommon for chemical deposits on the turf when using filtered bore water. A test of treated water for the smell of sulphur would be recommended prior to use on the turf.

The irrigation tanks and pumps have been located as part of initial schematic layouts in the south-west corner of the site. This is in close proximity to the existing bore and will allow easy access for maintenance if required due to the proximity to the carpark access. These can be located on the eastern side if preferred through additional main line extension.

Previous investigations into water re-use options have determined that treatment of recycled water involves significant regulatory approval process to be permitted to re-use the water to meet Department of Health Guidelines. The additional cost of UV filtration and regular testing and reporting requirements add both capital and running costs to the project.

The poor summer rainfall events in Perth also means that either a potable water supply connection or bore system is still required to top up the recycled water, particularly during summer to account for the lack of rainfall and evaporation from the playing surface.

Bore water systems with iron filtration have requirements for regular backwashing, so additional soakwell systems or drainage outlets are required for this volume and the iron filtration systems also have ongoing servicing and maintenance costs in the order of $280/month or $3,360/annum.

Whilst there does not seem to be any restriction to use of the bore water for the site, other than iron filtration, there is also the option to use potable water if further investigation of bore water use proves not viable.

Action Items - Irrigation system to be reviewed design and confirm that existing bore supply is suitable for use or alternatively a potable water supply be considered as the alternate option.

3.4 Drainage

Drainage from the hockey turf will be collected in drainage channels at the edge of the turf. The site has a relatively high water table level with TWL at around RL 13.5 which means that on site soakage will be limited at that depth in the winter months.

The irrigation system uses approximately 10,000L per cycle which could be connected to a series of shallow strip drains. However, the drainage system needs to be designed to accommodate various storm events falling on the 6,500m² pitch area and draining away in a timely manner so as not to cause disruption to match play during larger storm events.

The current drainage proposal for the site would be to make use of the existing grassed drainage swale to the eastern edge of the reserve which takes water from the surrounding carpark area and appears to locally infiltrate. In the feasibility design, it would be proposed to connect the hockey turf and building via a series of pipes and shallow soakwells to the existing drainage swale that would then soak away. Detailed calculations have not been prepared at this stage, but the size and volume of the existing swale appears adequate for the expected volume of water. The area naturally has overland flow to the Lake Monger in extreme events.

The iron filtration system would also need to be connected to a shallow soakwell system or the compensating basin to cater fro backwashing of the iron filtration unit.

The carpark drainage would consist of either shallow soakwell system centrally in carpark connected to a shallow drainage compensating basin or alternatively the carpark designed to have flush kerbing and a central swale or swale surrounding the western verge. Either system is expected to be sufficient for this site.

Action Items - Drainage design to be confirmed as part of detailed design process.

3.5 Lighting and Electrical

Lighting options would need resolution at detailed design. However we would recommend at this stage that the better light and more efficient way to achieve the required 500 lux rating across the turf is to have 8 LED poles on 18m fixed poles. This has been the preferred lighting choice of the two newest pitches in WA and the feedback of lighting consistency and levels has been excellent.

Break-back pole options have been explored with local governments previously, but are generally not recommended due to mechanisms still required for these systems and in particular the weight with LED lighting is such that they require a significant footing to counter balance the break back weight and also a 3 man operation to lower poles. Maintenance of the fixed poles is simply provided by boom lifts that get access around the perimeter of the site.

LED lighting generally will come with a minimum 10 year warranty and access is therefore minimal for maintenance other than cleaning. Access for maintenance needs to be considered for a crane/boom operated vehicle to each of the light poles during the detailed design phase. There are machines readily available to reach these heights of reasonable size.

LED lighting would therefore be recommended with the inclusion of a Halytech Lighting system (or similar) which will also allow for operation remotely via mobile phone.

Power supply is required to be provided to the technical director's box for irrigation and lighting control and general GPO. GPOs are usually required in each of the dugouts and also one in the sweeper store for possible charging of sweeper or general power supply. An electrical supply will also be required for the reticulation system.

The following lighting scenarios are generally designed for:

Scenario	Area	Levels
1	Full Field	Class I – 500 lux
2	Full Field	Class II – 250 lux
3	Full Field	30 lux
4	Half Field 1	Class II – 250 lux
5	Half Field 1	Class II – 250 lux
6	Off	Off

Preliminary power loads have been estimated based on the usage requirements for the hockey turf and building and these are:

Building	80	kVA
Flood Lighting	60	kVA
Pumps	30	kVA
Scoreboard	0.5	kVA
GPOs	20	kVA
Dugout Lighting	0.2	kVA
	190.7	kVA

Action Items -

- Lighting and electrical design for hockey turf components to be confirmed as part of detailed design
- Consideration of power requirements for potentially 2nd pitch to be considered in switchboard design and future conduit provision.
- Application to Western Power to be undertaken to determine if sufficient load available to the site or if power upgrade is required.

3.6 Rebound Wall/Steps

Rebound wall heights are based on 2 course limestone retaining wall and are therefore 740mm in height and they surround the playing surface. In the area fronting the spectator viewing area, limestone terracing would be provided.

The interface of these terraced limestone steps would be designed to integrate into the clubroom facility and provide sufficient area also for spectator seating along the western boundary of the site.

3.7 Fencing

Fencing surrounding the site has several factors that need to be considered being:

- 7m high fencing to rear of goals and training areas as per FIH standards. Given the site is surrounded by a lake to the south, a school to the west, Powis Street and a shared path to the north and the Freeway off ramp to the east, we believe consideration should be given to full 7m height fencing around the whole site and have therefore allowed for this in the costing.
- 1.2m fencing in front of the viewing areas in front of the steps. This currently connects to the rear of the dugouts to allow the temporary netting to go behind the dugouts.

- Temporary netting to the building frontage to a full height of 5. The netting is designed to slide along the rear of the dugouts and is selected at this height to protect spectators and the building behind it.
- Access gates to allow for emergency access (and maintenance vehicles) is required but not yet shown on the plans. The most likely location for this is in the north west corner of the site and would need to be resolved as part of detailed design

The general fencing allowed for is 50mm chainmesh fencing with 3.15mm galvanised wire with black PVC coating.

3.8 Dugouts and Storage Areas

It is initially proposed to install the dugouts on the opposite side to the clubrooms to provide unrestricted views and additional seating areas adjacent the pitch. This is as per recent new turf installations at Southern River and South Lake. It should be noted that this does not meet the Elite FIH standard for international matches, but seems to be preferred by clubs and spectators as well as is more likely where dugouts cannot be lowered due to water table restrictions and ground conditions, as is likely the case with this site.

With the elevation of the clubhouse, it is possible to have the dugouts on the clubhouse side, but there will still be partial sight restrictions if they are not recessed into the ground. If this is preferred, this can be included as part of the detailed design process. There is no impact in relation to costs at this stage of the project.

Goal storage areas and provision for sweeper storage is increasingly something that is catered for recessed off the playing fields and this has been allowed for in the feasibility.

3.9 Ancillary Items

Ancillary items for a hockey turf include items outside of pitch construction and include:

<u>Scoreboard</u> – the preferred location was indicated on the opposite side of the pitch where it can be viewed by spectators. An additional or smaller scoreboard may be considered on the building side for players to also view time and score or alternatively located on the northern side of the pitch.

<u>Siren</u> – is generally included as part of the scoreboard function.

<u>Goals</u> – additional provision of goals will be required. These may be funded by the Club, but are included in the costs.

<u>Corner Posts/Flags</u> – minor component of the playing fields

<u>Water Fountains</u> – it was previously agreed that these will not be provided in the dugouts due to water provision issues across boundaries and also costs to install in dugouts. Water is available in changerooms for players. A filling tap (for water bottles) and drink fountain to be considered on the outside of the building and dugouts and provision for a water service has been included.

<u>Media Platform</u> – this is not generally installed with the initial hockey field construction

and is something that would need to be discussed with the Club if required. No costs have been included for this item.

3.10 Maintenance

Standard warranty requirements for the turfs are generally 7 years minimum which are reduced each year of life. Generally one year of general maintenance is recommended to be included in the initial construction contract to ensure adequate maintenance and sweeping of the new turf is conducted.

A standard 12 month defect warranty will be in place with the Builder/Contractor for the turf and building construction. Following this it is important that the Asset owner has a good maintenance program in place.

A significant maintenance issue is the deposit of leaf litter on the turf, which ends up in the turf and gutter drainage system if not regularly removed. Consideration will need to be given to the removal of mature trees in proximity of the proposed turf at the south western and north eastern corners of the site. This may not be supported on environmental grounds, but it will become an ongoing maintenance issue for the turf operation if not removed.

3.11 Other Consideration – Second Turf

Additionally, consideration should also been given to the potential for a second artificial turf pitch. Whilst outside the scope, we believe that it is important that consideration be given to at least the potential for a second pitch, which is typical of most clubs to plan for the future.

To accommodate the second pitch, the layout will require shifting of the pitches further east and south to accommodate both pitches. A review of the Building footprint would also be required, but there is scope to possibly accommodate two pitches in this scenario. The benefit of designing for a second turf also allows the future turf area to be a grassed area that can be used for practice and warm up prior to play on the artificial turf. A copy of the proposed concept layout of a second turf is included at **Appendix 4**.

A second turf is likely to cost in the order of **$1.9 million** for the turf and facilities and additional siteworks and earthworks. No additional allowance has been included for increasing the size of the building to accommodate 2 extra change rooms and increased kitchen and common area. It is expected that the initial building could be designed to allow for future expansion of additional change rooms in mind.

The additional extra over costs to make allowance for the soil conditions is approximately $175,000 over a "typical" artificial turf installation on normal ground conditions.

Action Item - The Town of Cambridge to consult with future stakeholders regarding the potential of a second turf location and consider planning for this option or at least a warm up/training turf area.

4.0 BUILDING CONSTRUCTION

The proposed building has been oriented parallel to the western side-line of the hockey field, with a spacious external viewing area located between. The position of the building on the west side of the pitch provides optimum viewing opportunities of the entire field of play, and to avoid scenarios where spectators are looking into the low angle afternoon sun.

The building has been elevated on a 1.05m tiered podium area, to provide optimum spectator viewing opportunities above and across the entire field of play. Tiered retaining walls between the building and the hockey pitch have been designed to provide seating with views to the playing field, whilst increasing the overall number of spectators. The elevated podium has been designed with tiered landscaping areas to the north, west and south, to allow the built form to blend into the surrounding areas.

The layout of the building has been designed with a linear arrangement to follow the layout of the hockey field. Clearly defined connections and entry points have been provided to increase wayfinding and legibility through the site and into the proposed building. The key areas have been designed to be multi-purpose to offer a variety of uses and activities, while optimising internal and external amenity for occupants.

The central Function Room has been positioned within close proximity to the centre line of the hockey field, to maximise spectator viewing opportunities during hockey matches. The Function Room has been generously sized to facilitate opportunities for social interaction, community building, social capital and Club sustainability. Openable windows could be provided on both the east and west facades of the Function Room to provide opportunities for passive cross ventilation, whilst also providing passive surveillance opportunities over the car park and hockey pitch simultaneously.

The change rooms have been based on inclusive design principles, with unisex toilet and shower cubicles to allow showering and changing in privacy, whilst catering for greater flexibility in use. This ensures that the proposal caters equally well for all users, and ensures that all players and umpires have access to appropriate change, shower and toilet facilities.

The Public Toilets for the facility have been provided with access from internal and external to rationalise the numbers of sanitary facilities required. The access doors will be controlled by electronic time locks to enable the ablutions to be opened up for spectators on game days, whilst ensuring that the building safety isn't compromised for times when external access isn't required.

The Town of Cambridge has expressed a desire for the building form to incorporate elements of Hampton style architecture. The purpose of this feasibility study however has been to develop floor and site plan layouts, and the three dimensional form therefore hasn't been developed in any detail. It should be noted for potential future stages of the development that the three dimensional form should embody elements of this architectural style, and to interpret this design language within the parameters of the sites context and character.

5.0 SERVICING

The scope of this feasibility of this report was to consider the potential feasibility design of the hockey turf and clubroom facilities. However, an important aspect of the project will be the ability to service the clubroom and building facility. A brief outline of the findings of the initial review are detailed below.

Water – a water service will be required to be provided to the Building consisting of at least a 40mm water service and a 100mm fire service to the building. There is currently no water service in the road reserve abutting the site. The nearest water main is a 100mm water main in a Water Corporation Reserve on the western side of Bold Park Community School. The removal is likely to require the removal and replacement of the existing footpath on the south side of Powis Street, adding to the construction costs.

The Water Corporation has confirmed an extension of the existing a 100mm water main in Powis Street near Rawlins Street is possible, a distance of 160m to extend to the lot frontage to provide a point of supply to the site. They have confirmed that a fire service could be provided at a rate of 20L/s and normal water supply.

If the turf is to be irrigated with potable water (refer Section 2.3) the size of the water service is likely to be increased to provide for both the storage tanks and building. It may be able to rationalize the size of the water service if the storage tank is only filled in off peak times.

Allowance in the External Services part of the Quantity Surveyors costs has been included for this water main extension.

Sewer – There are no gravity sewer services in the vicinity of this site. Bold Park Community School adjacent must be connected to an aerobic treatment unit (ATU) as no private pressure main is shown on Water Corporation database. It is unlikely given the proximity to Lake Monger that further disposal of sewerage from the site will be permitted in to ATU and therefore a small packaged pump station and pressure main will be required to be connected.

A private pump station and rising main was installed for Sutherland Park Hockey Club to the existing building as part of that hockey turf installation, with construction costs in the vicinity of $125,000. This does not include internal building sewer connections. The most likely connection point would be along Dodd Street to the existing gravity sewer that is at the intersection of McLeod Lane. These costs have been included in the indicative costs.

Whilst the rising main is typically only located at 1.0m to 1.5m depth, it would be important to minimise the depth to reduce any dewatering and acid sulfate soil treatment to both soils and groundwater. This would require further detailed investigation as part of the next stage of the project following approval of the pressure main and geotechnical investigation along the potential route. If this is required an additional $50k to $100k in dewatering and treatment costs may be required over and above the sewer costs allowed for.

The use of a private pump station and pressure main would be dependent on the approval of the Water Corporation. Initial requests for information have been submitted in regards to confirmation of servicing this site, however no response has been received to date in relation to sewer servicing.

Power – Western Power will not provide advice until application is made for a power supply to the site. Power is currently connected to the site via a uni-pillar and switchboard which would control the bore and other minor park uses on the site. Dependent on the final power demand for the building and hockey pitch lighting and irrigation, an upgrade to this pillar and switchboard is likely.

The area has over 25MvA of spare capacity and therefore no external upgrades would be required for HV power to the area. However, whether locally a new transformer is required in the proximity of the building will depend on local HV grids and amount of power in use which can only be determined by Western Power upon application. Therefore some allowance should be made for headworks upgrades until further determination of power requirements is known, with a provisional sum of $200,000 being included for power upgrade and lighting to carparks in the indicative costs.

Gas – An existing 225mm medium pressure gas main is present in the southern verge of Powis Street and therefore would be available if a gas connection is required to the Building.

Telecommunications – Both NBN and Telstra are located in the Dodd Street road reserve to service the Bold Park Community School. It is expected a simple extension to the end of Dodd Street to service the new building site would be required.

6.0 INDICATIVE COSTS

The construction costs are based on the works being tendered as one project with a Builder likely to be the head Contractor. It will be necessary that they have a specialist civil contractor on board for the earthworks and hockey turf construction works.

A summary of the indicative costs is included at **Appendix 5**. The Cost Report has been prepared by Altus Group Quantity Surveyors, in consultation with Porter Consulting Engineers and the project architect.

The indicative costs include contingency amounts generally applied by industry at a Feasibility stage, due to the early stage of the project and potential for unresolved issues and latent conditions. A 10% design contingency and 5% construction contingency has been included. The design contingency can be reduced as the project proceeds through the next phase of investigations and preliminary design and more certainty around the design, services and geotechnical conditions is achieved..

The overall costs are summarised below:

Item	Scope of Works	Total Cost (Ex-GST)	Area (m2)	Cost / m2 (Ex-GST)
1	Clubroom Building Works	$1,681,040	529	$3,178
2	External Works, Pavement and Carpark	$1,429,370	4,689	$305
3	External Services (ALL PROVISIONAL)	$731,390	4,689	$156
4	Hockey Field Works	$1,796,110	6,020	$298
5	**Sub-Total Estimated Trade Cost**	**$5,637,910**		
6	Builder's Prelim & Margin	$749,900		
7	**Total Estimated Construction Cost**	**$6,387,810**		
8	Professional Fees & Authority Charges	$547,900		
9	Contingency	$958,200		
10	Escalation	Excluded		
11	**Total Project Cost (Ex-GST)**	**$7,920,910**		

APPENDIX 1 – Preliminary Drawings

LEGEND

- PROPOSED HOCKEY TURF
- PROPOSED CARPARK
- CONCEPT LAYOUT
- CARPARK - NOT IN PROJECT
- EXISTING BORE WATER MAIN
- PROPOSED BORE WATER CONNECTION
- PROPOSED WATER TANKS

1:500 — 0 5 10 20 30 — Half Size 1:1000 - SCALE (m)

DIAL BEFORE YOU DIG www.1100.com.au

PROJECT:

LAKE MONGER NORTH HOCKEY PITCH & CARPARK

No.	DATE	REVISION	BY
E	29-1-2021	BUILDING LAYOUT ADDED TO THE PLANS	MJV
D	17-12-2020	HOCKEY TURF SHIFTED 5.15m NORTH.	MJV
C	17-12-2020	HOCKEY TURF SHIFTED 5m EAST TO ACCOMMODATE BUILDING.	MJV
B	10-12-2020	CARPARK NOTE ADDED	MJV
A	9-11-2020	ISSUED FOR COMMENT	MJV

Porter Consulting Engineers

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TUSNO Pty Ltd ACN 070 097 148 as trustee for the Consulting Engineering Unit Trust trading as Porter Consulting Engineers ABN 78 636 396 385

CLIENT:

TOWN OF CAMBRIDGE

DRAWING:

OVERALL LAYOUT PLAN

STATUS: **FOR COMMENT**

SCALE	1:500
DATE	JAN 2021
DESIGN	BIH
DRAWN	MJV
CHECK	

DRAWING No. **20-11-173/800** — REV No. **E** — ORIGINAL DRAWING SIZE **A1**

FILE NAME S:\ACTIVE PROJECTS\20-11-173\ACAD\2011173-800.dwg

APP'D

PROJECT:

LAKE MONGER NORTH HOCKEY PITCH & CARPARK

No.	DATE	REVISION	BY
C	11-1-2021	PATH TO BE REALIGNED AROUND HOCKEY PITCH ON EASTERN SIDE.	MJV
B	10-12-2020	LIGHTS AND RETIC SHOWN ON TURF	MJV
A	9-11-2020	ISSUED FOR COMMENT	MJV

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TUSNO Pty Ltd ACN 070 097 148 as trustee for the Consulting Engineering Unit Trust trading as Porter Consulting Engineers ABN 78 636 396 385

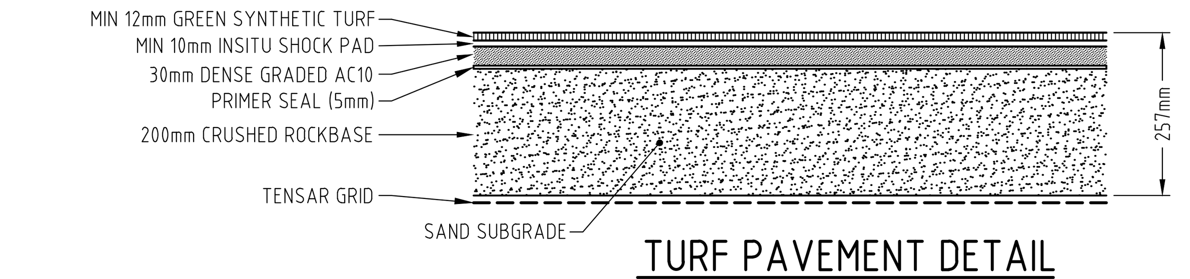
CLIENT: **TOWN OF CAMBRIDGE**

DRAWING: **HOCKEY TURF LAYOUT AND CARPARK LAYOUT**

STATUS: **FOR COMMENT**

SCALE	1:250	DRAWING No.	20-11-173/801
DATE	JAN 2021	REV No.	C
DESIGN	BIH	ORIGINAL DRAWING SIZE	A1
DRAWN	MJV	FILE NAME	S:\ACTIVE PROJECTS\20-11-173\ACAD\2011173-801-802.dwg
CHECK		APP'D	

CONSULT AUSTRALIA



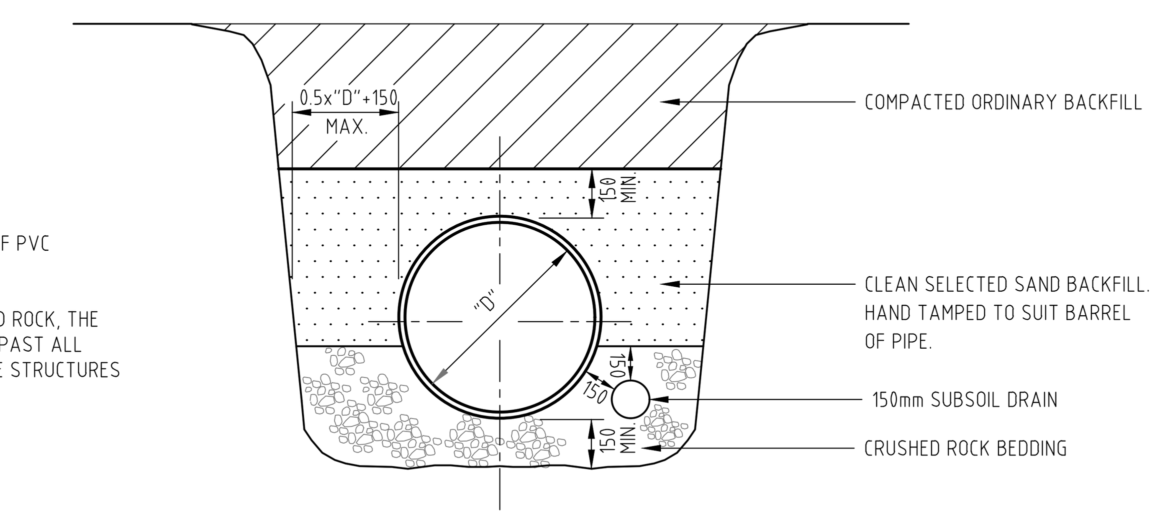
TURF PAVEMENT DETAIL

SCALE 1:10

PIPE BEDDING NOTES

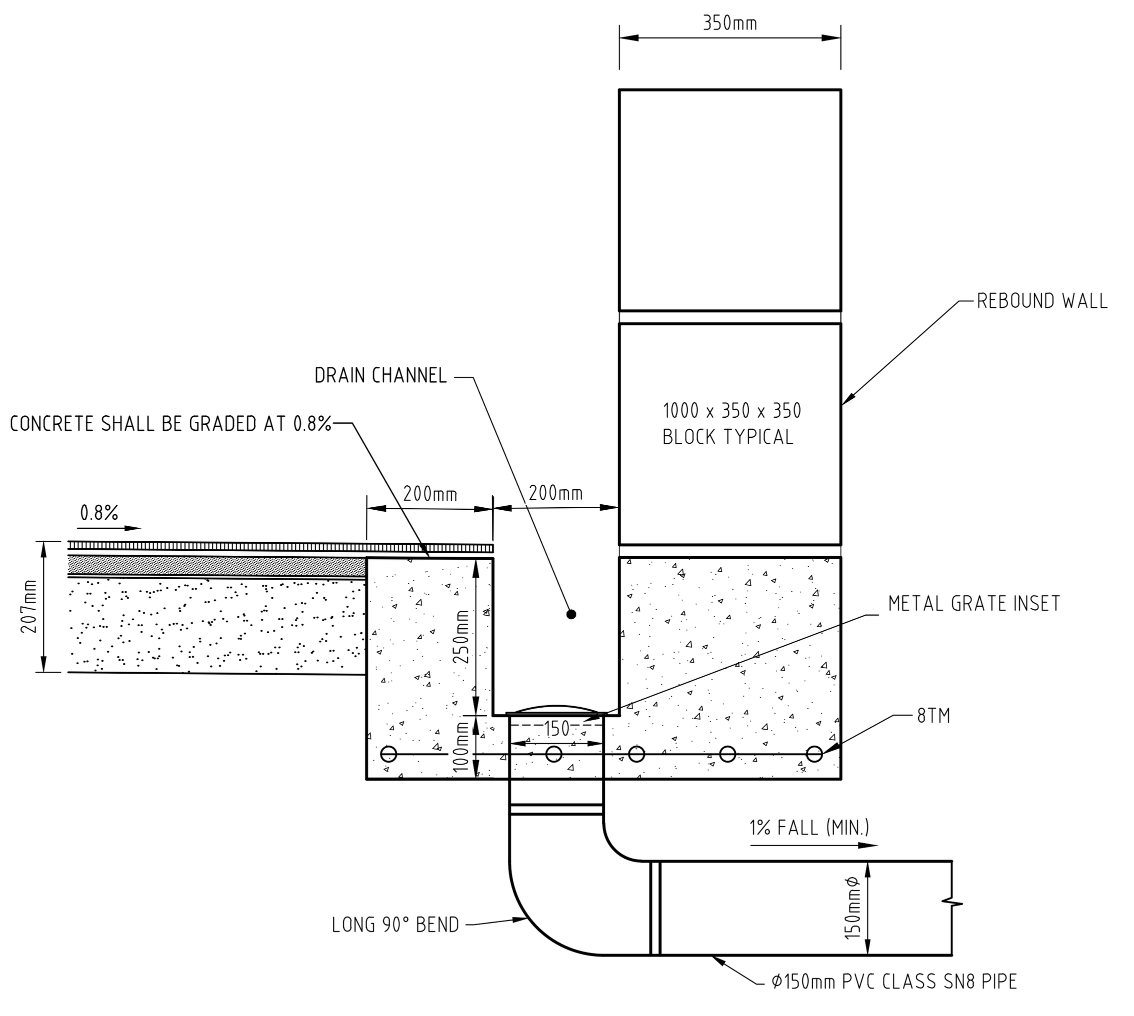
1. SUB-SOIL DRAINAGE PIPES SHALL BE OF PVC SLOTTED PIPEWITH SLOTS LAID DOWN.

2. WHERE PIPES ARE BEDDED ON CRUSHED ROCK, THE BEDDING CONDITION SHALL BE CARRIED PAST ALL MANHOLES, GULLIES & OTHER DRAINAGE STRUCTURES DOWNSTREAM.



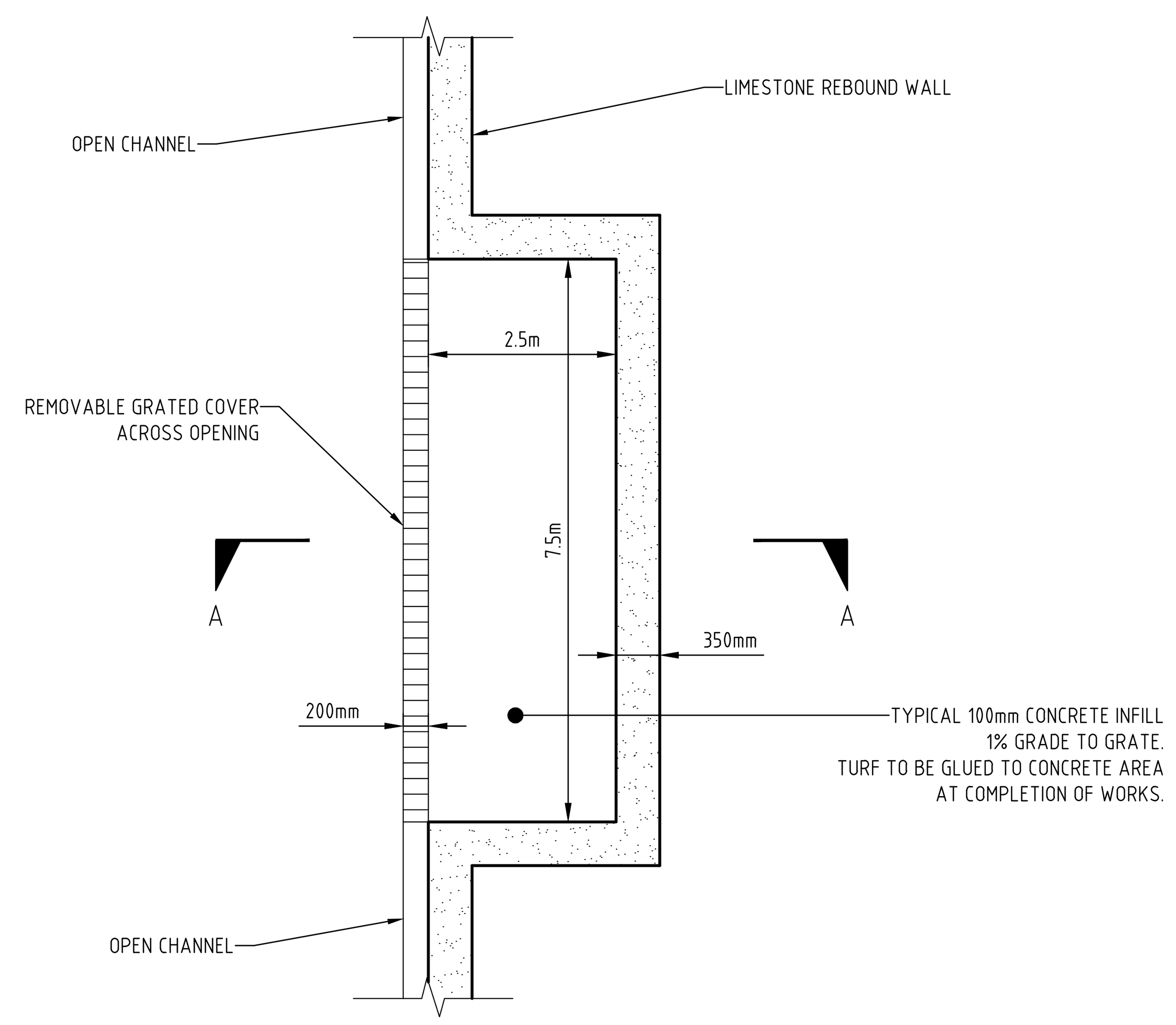
PIPE BEDDING DETAILS - WITH SUBSOIL

NOT TO SCALE



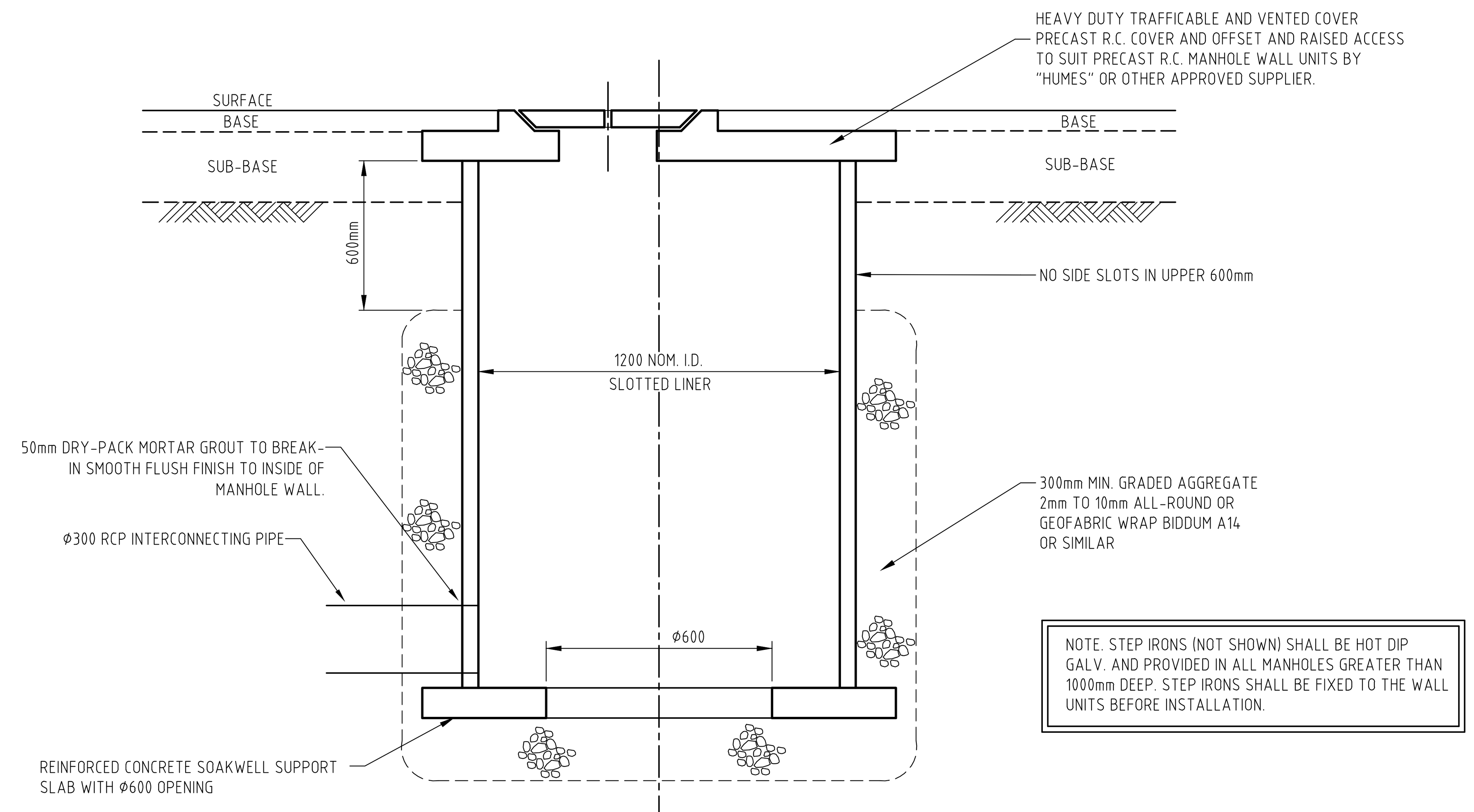
OPEN CHANNEL CONNECTION TO OUTLET DRAIN

SCALE 1:10



GOAL / STORAGE RECESS AREAS

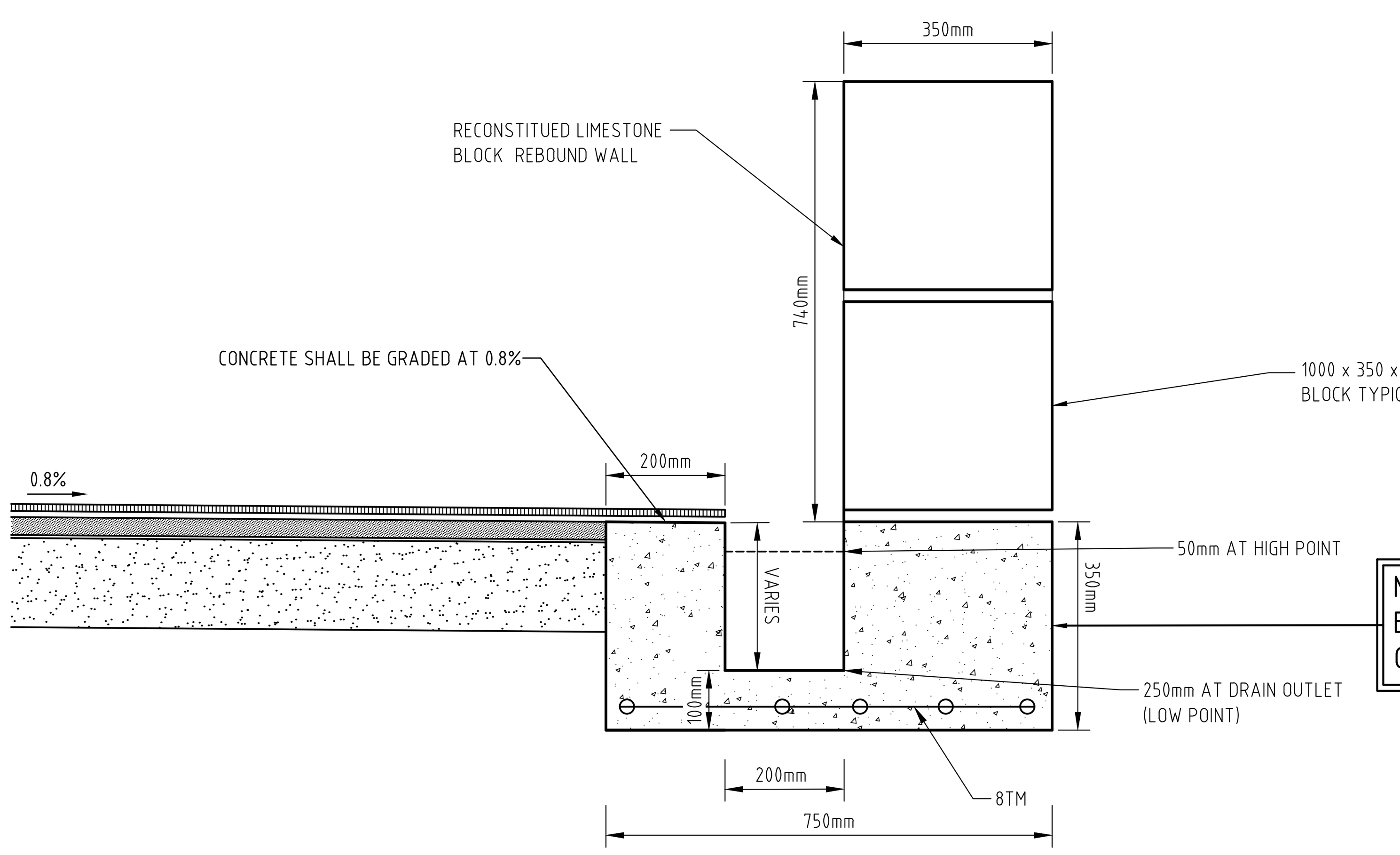
NOT TO SCALE



NOTE: STEP IRONS (NOT SHOWN) SHALL BE HOT DIP GALV. AND PROVIDED IN ALL MANHOLES GREATER THAN 1000mm DEEP. STEP IRONS SHALL BE FIXED TO THE WALL UNITS BEFORE INSTALLATION.

SOAKWELL - RAISED LID IN PAVEMENT

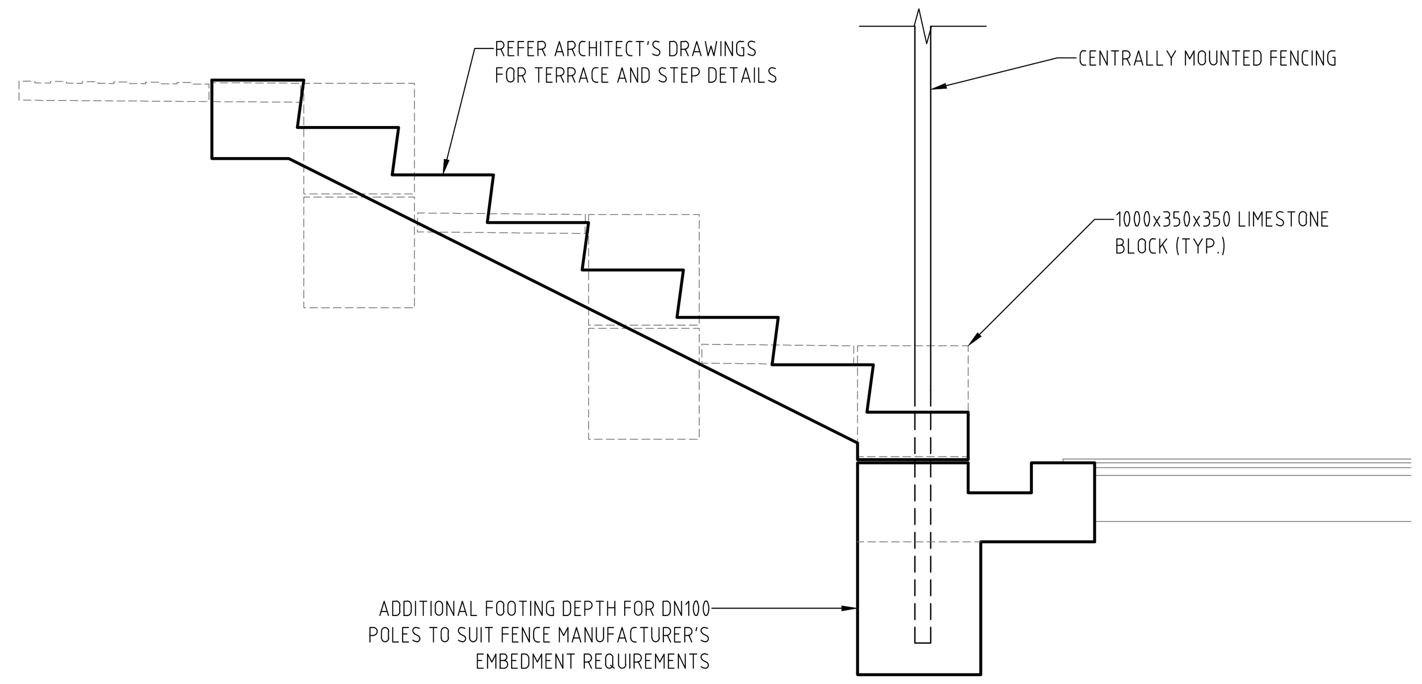
SCALE NTS



NOTE: EXPANSION JOINTS EVERY 12m ON ALL CONCRETE CHANNELS.

TYPICAL EDGE DETAIL - GUTTER CHANNEL AND RETAINING WALL

SCALE 1:10



TYPICAL DETAIL AT TERRACED SEATING

SCALE 1:20

PROJECT:

LAKE MONGER NORTH HOCKEY PITCH & CARPARK

No.	DATE	REVISION	BY
A	17-12-2020	ISSUED FOR COMMENT	MJV

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CLIENT:

TOWN OF CAMBRIDGE

DRAWING:

STANDARD DETAILS

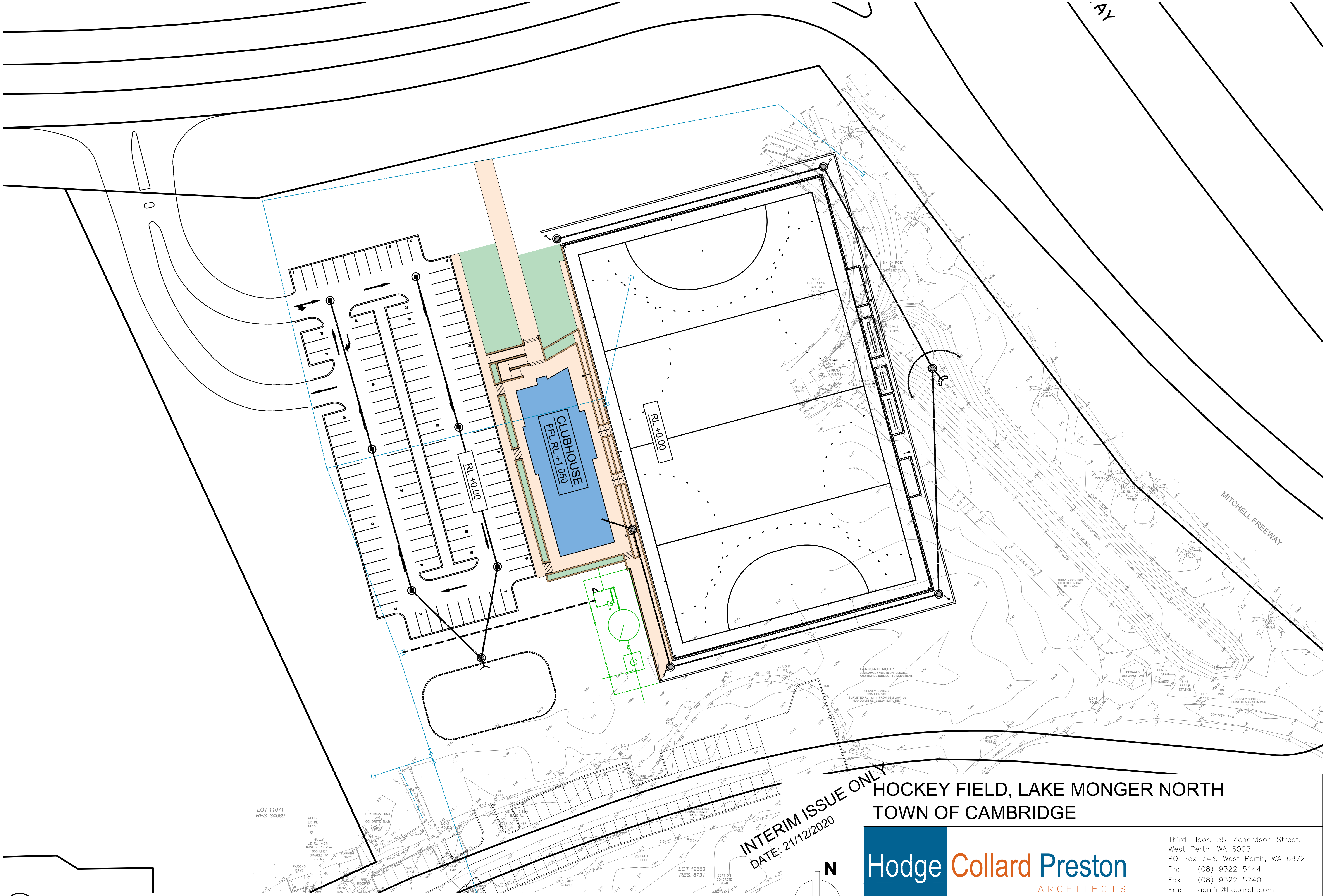
STATUS: **CONCEPT**

SCALE	1:500
DATE	DEC 2020
DESIGN	BIH
DRAWN	MJV
CHECK	

DRAWING No. **20-11-173/600** REV No. **A** ORIGINAL DRAWING SIZE **A1**

FILE NAME: S:\ACTIVE PROJECTS\20-11-173\ACAD\2011173-600.dwg

APP'D



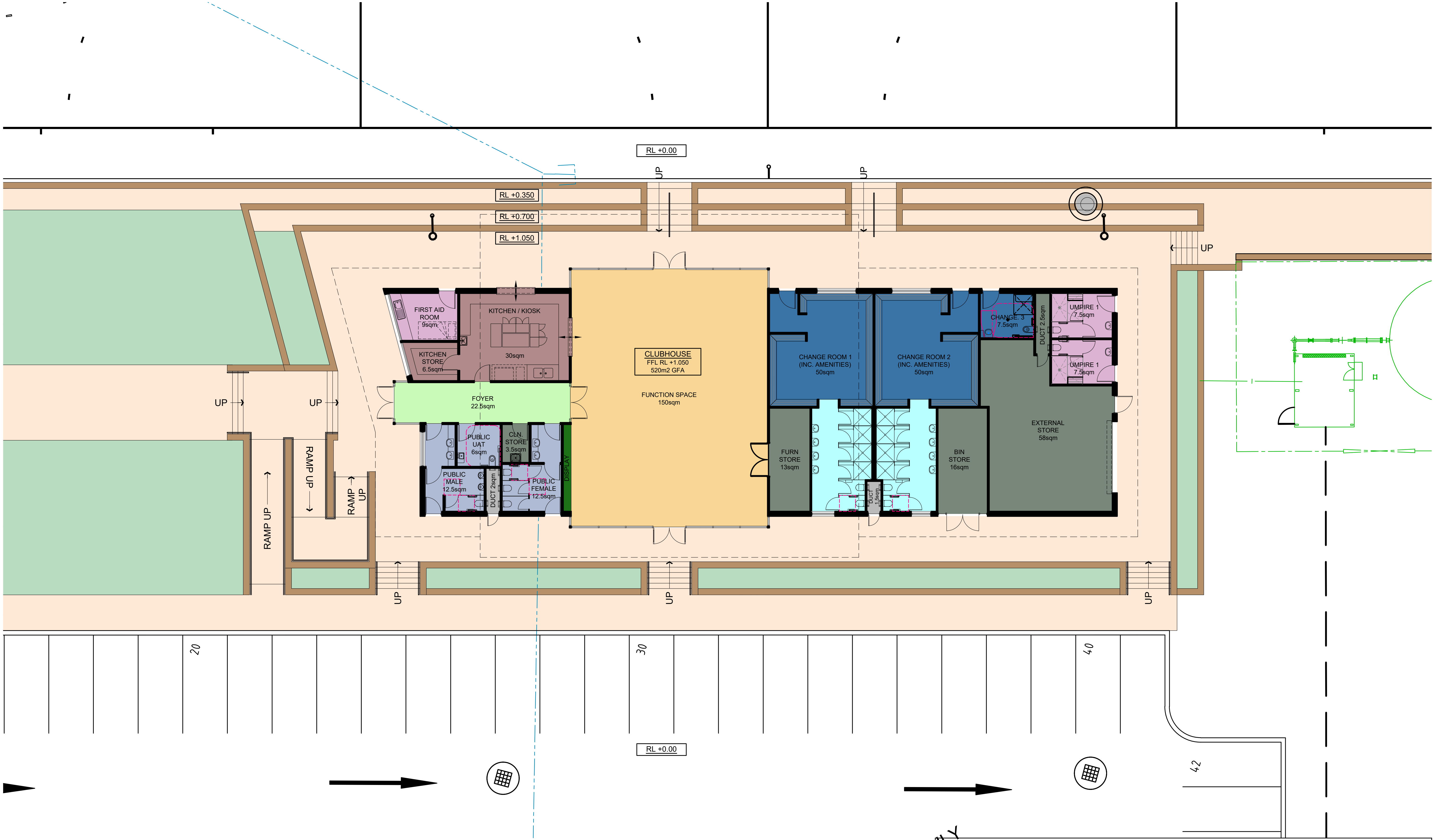
1 CONCEPT SITE PLAN
SCALE: 1:750@A3

HOCKEY FIELD, LAKE MONGER NORTH
TOWN OF CAMBRIDGE

Hodge Collard Preston
ARCHITECTS

Third Floor, 38 Richardson Street,
West Perth, WA 6005
PO Box 743, West Perth, WA 6872
Ph: (08) 9322 5144
Fax: (08) 9322 5740
Email: admin@hcparch.com

SCALE 1:750@A3 DATE: DEC 2020 DWG No. 179.20 SK02



2 CONCEPT FLOOR PLAN
SCALE: 1:200@A3

HOCKEY FIELD, LAKE MONGER NORTH
TOWN OF CAMBRIDGE

Hodge Collard Preston ARCHITECTS

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SCALE 1:200@A3 DATE: DEC 2020 DWG No. 179.20 SK03

APPENDIX 2 – Geotechnical Report

Douglas Partners Pty Ltd
ABN 75 053 980 117
www.douglaspartners.com.au
36 O'Malley Street
Osborne Park WA 6017
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Porter Consulting Engineers
PO Box 1036
CANNING BRIDGE WA 6153

Project 96743.00
27 January 2021
R.001.Rev2
SN

Attention: Brad Harris

Email: brad@portereng.com.au

Feasibility Study
Proposed Cambridge Hockey Field
Corner of Powis Street and Mitchell Freeway, Glendalough, WA

1. Introduction

This letter report presents the results of a feasibility study undertaken by Douglas Partners Pty Ltd, for a proposed Cambridge Hockey Field development at the corner of Powis Street and Mitchell Freeway in Glendalough, WA (hereinafter referred to as the 'site'). This letter report was commissioned by Mr Brad Harris of Porter Consulting Engineers in an email dated 9 November 2020 and was undertaken in general accordance with Douglas Partners' fee proposal (PER200329.001.Rev0) dated 10 September 2020.

It is understood that the proposed development will include a national level hockey field (approximately 90 m long and 55 m wide). Based on Douglas Partners experience with similar projects, it is assumed that the hockey field will be required to be constructed to Australian competition standards. As such, it is assumed that the proposed hockey field will have strict tolerances on allowable surface movements (understood from the International Hockey Federation '*Handbook of Performance, Durability and Construction Requirements for Synthetic Turf Hockey Pitches*' dated May 2013, to be up to 6 mm), of competition standard hockey surfaces.

It is also understood that the proposed development will include the construction of a club house and associated car parking areas and access roads, and the excavation of a drainage basin (see Figure 1 in Section 4 and Figure 5 in Section 8).

This letter report must be read in conjunction with the notes entitled *'About this Report'* presented in Appendix A and other explanatory notes, and the letter report should be kept in its entirety without separation of individual pages or sections.

2. Purpose of the Study

The purpose of the feasibility study was to examine, review and collate any relevant data surrounding and within the site, to provide preliminary comments on:

- Possible ground improvement solutions for the proposed hockey field, club house, car parking and access road areas, in order to limit settlements to acceptable levels;
- Cost estimates for the possible ground improvement solutions;
- Suggest appropriate foundation system(s) for the proposed club house building, including a piled foundation system; and
- Estimate the annual average maximum groundwater level (AAMGL) and the maximum groundwater level for the site.

3. Site Description

The site is located within the northern end of Lot 12663 Lake Monger Drive in Glendalough, and covers a rectangular area, approximately 125 m wide and 140 m long. It is bound by vacant land with Powis Street beyond to the north, Lake Monger to the south, vacant land with the Mitchell Freeway off ramp beyond to the east, and by a school and community centre buildings to the west.

The site comprises existing car parking areas and associated access roads within its northern third and along the southern site boundary, with the remainder comprising generally grassed public open space (see Figure 5 in Section 8). Some group of trees are also shown along the southern site boundary and within the northern third of the site area.

4. Physical Setting

In order to gain an understanding of the physical setting of the site, a review of available published information was undertaken and the following was noted:

- A survey level provided by the client (that covers part of the site) and publicly available LiDAR data indicate that ground levels at the site slope from a highest level at RL 15 m along the northern boundary of the proposed hockey field, to RL 13.9 m along the southern boundary of the proposed southern car park area.
- The Perth 1:50,000 Environmental Geology sheet indicates that the shallow subsurface conditions beneath the proposed hockey field area include swamp deposits comprising black, clayey in part, saturated fibrous organic soil (peat). The abovementioned swamp deposits are likely to be underlain by sand derived from Tamala Limestone, which is shown approximately 95 m, 150 m and 220 m to the west, east and north of the site, respectively. The site published geology is shown in Figure 1 next page. The occurrence of sand underlying the peat is consistent with Douglas Partners' experience in the area.

- The Perth Groundwater Atlas (2004) indicates that the regional groundwater level in May 2003 was approximately RL 10 m (i.e. approximately 3.9 m below the lowest site level). The Perth Groundwater Atlas (1997) indicates that the maximum regional groundwater level beneath the site, was at approximately RL 13.5 m (i.e. approximately 0.4 m below the lowest site level). However, based on the proximity of the site to the existing Lake Monger (approximately 30 m to the south of the site), groundwater is anticipated to be similar to the Lake Monger water level. Groundwater is further discussed in Section 3.2 further below.
- The site is located within an area mapped as having “high to moderate risk of acid sulphate soils within 3 m of natural soil surface” beneath the site.

Figure 1: Extract of the Perth 1:50,000 Environmental Geology Sheet.

5. Review of Available Information

The following information was reviewed as part of this feasibility study:

- Douglas Partners’ “Report on Geotechnical Investigation”, referenced 88837.00.R.001.Rev0 dated 21 December 2016, for proposed development immediately to the north of the site;
- Golder Associates “Report on Preliminary Geotechnical Investigation, Proposed Bold Park Community School, Powis Street, Wembley”, referenced 02640266 dated December 2002, for proposed development immediately to the west of the site;

- 360 Environmental June 2016 field work results, within the site area; and
- Available groundwater data from the Department of Water and Environmental Regulation (DWER).

Douglas Partners 2016 investigation included the excavation of twelve test pits, Golder Associates 2002 investigation included the performance of four cone penetration tests and the excavation of nine test pits, and 360 Environmental 2016 investigation included the excavation of one test pit.

5.1 Ground Conditions

The results of the abovementioned investigations indicated the ground conditions in the general area of the site summarised below.

- **Unit 1A: sandy FILL (SAND SP-SM) –** loose to medium dense, fine to medium grained, grey-brown, yellow**,** with gravel, encountered overlying the Unit 1B materials described below, to depths of between 0.2 m and 1 m (possible capping layer).
- **Unit 1B: LANDFILL WASTE (SAND SP-SM and RUBBISH mixed) –** uncompacted, fine to medium grained sand, grey-brown and dark grey, with some silt, encountered at particular test locations during the Douglas Partners 2016 investigation and at all test locations during the Golder Associates 2002 (both investigations near the site) and 360 Environmental 2016 investigations (within the site), to depths of between 1 m and 2.6 m. It should be noted that the base of the landfill materials was not recorded during the 360 Environmental 2016 investigation within the site, due to possible refusal of the test pit at groundwater level (i.e. 1.5 m depth).

  Waste encountered within the landfill materials included jar lids, shoes, glass, porcelain, glass bottles, paper, plastic, wood, car tyres, pipes, metal, bricks, asbestos fragments and roots. Approximately 20% to 40% of landfill materials in a sand matrix (approximately 60% to 80%) were encountered during the Douglas Partners 2016 investigation, while approximately 40% to 60% of landfill materials in a sand matrix (approximately 40% to 60%) were encountered during the Golder Associates 2002 and 360 Environmental 2016 investigations.

- **Unit 2: Silty SAND SM, Clayey PEAT Pt and Peaty SAND Pt (swamp deposits) –** soft to firm, brown-black, dark grey, fibrous, fine to medium grained, medium plasticity fines, encountered at particular test locations, approximately between 0.2 m and 0.5 m in thickness, below the landfill waste. The occurrence of this material was not proven within the site but is strongly inferred.
- **Unit 3: SAND SP (sand derived from Tamala Limestone) –** loose, becoming medium dense with depth, fine to medium grained, grey, trace silt, underlying the Unit 1B and Unit 2 materials where present, to a maximum test termination depth of 6.7 m.

Detailed logs of the ground conditions from the Golder Associates 2002 and 360 Environmental 2016 investigations are presented in Appendices C and D, and should be read in conjunction with the notes defining descriptive terms and classification methods provided in Appendix A. The test locations are shown in Figure 2 (Site Plan) and Figure 2 (Test Pit Locations) in Appendix B.

5.2 Groundwater

Douglas Partners 2016 investigation indicated groundwater levels of between RL 11.6 m and RL 12.9 m (0.9 m and 3.7 m depth) below existing ground levels within an adjacent site. Golder Associates 2002 and 360 Environmental 2016 investigations, indicated groundwater levels of between 1.3 m and 2 m (relative levels unknown) below existing site levels at the test locations.

It should be noted that groundwater levels are potentially affected by various factors such as climatic conditions, land usage and water levels in the adjacent Lake Monger and will therefore vary with time.

Available data from the Department of Water and Environmental Regulation (DWER) indicates the presence of 20 historical bores within an approximate 1 km radius of the site.

From the abovementioned historical bores, records for two bores (Bores ID references 61610119 and 61672175) contained long term groundwater monitoring data (respective monitoring periods of 1954 to 1958, and 2017 to 2018). These boreholes were located approximately 830 m to the northwest and 730 m to the southwest of the site, respectively. Bore ID 61610119 monitored Lake Monger's surface water level and therefore should be representative of the groundwater level beneath the site during the monitoring period in 2017 and 2018. The groundwater monitoring results are shown in Figures 2 and 3 next page.

Other relevant groundwater data was also available from eight of the remaining historical bores. Groundwater levels recorded within the abovementioned bores are included in Table 1 below.

Table 1: Department of Water and Environmental Regulation (DWER) Historical Boreholes Groundwater Observations

Bore ID	Date	Surface Level (m AHD)	Depth of Groundwater Below Existing Surface Level (m)	Groundwater Level (m AHD)	Location Relative to Site
61606034	January 1978	11.9	0.9	11.0	560 m Northwest
61606668	February 1986	24.3	14.0	10.3	830 m Northeast
61605464	January 1900	29.3	15.2	14.1	1 km Northeast
61605991	January 1978	24.7	11.6	13.1	1 km Southwest
61605506	January 1900	17.5	2.1	15.4	680 m Northeast
61605457	January 1900	16.0	4.0	12.0	400 m West
61605990	June 1978	13.3	2.4	10.9	890 m Southwest
61605989	March 1978	19.4	9.1	10.3	730 m Southwest

The location of the historical boreholes summarised in Table 1 above is shown in Figure 4 next pages.

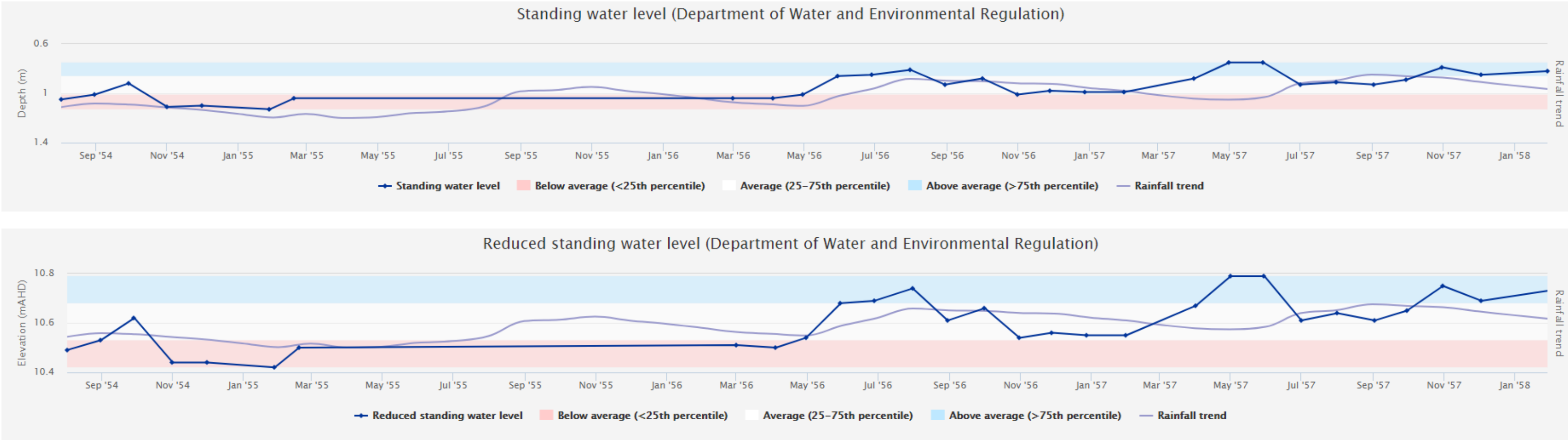


Figure 2: Extract from the Department of Water and Environmental Regulation (DWER) Bore (ID reference 61610119) Groundwater Monitoring (includes Standing Water level and Reduced Standing Water Level)

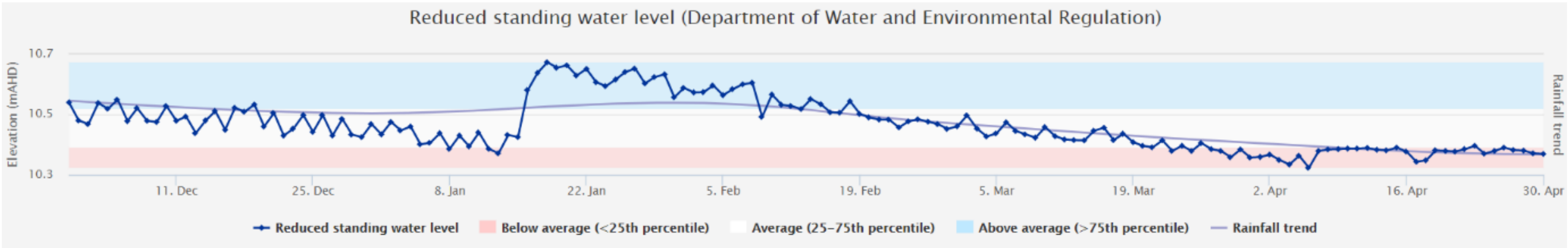


Figure 3: Extract from the Department of Water and Environmental Regulation (DWER) Bore (ID reference 61672175) Groundwater Monitoring (includes Reduced Standing Water Level only, no Standing Water Level data available)

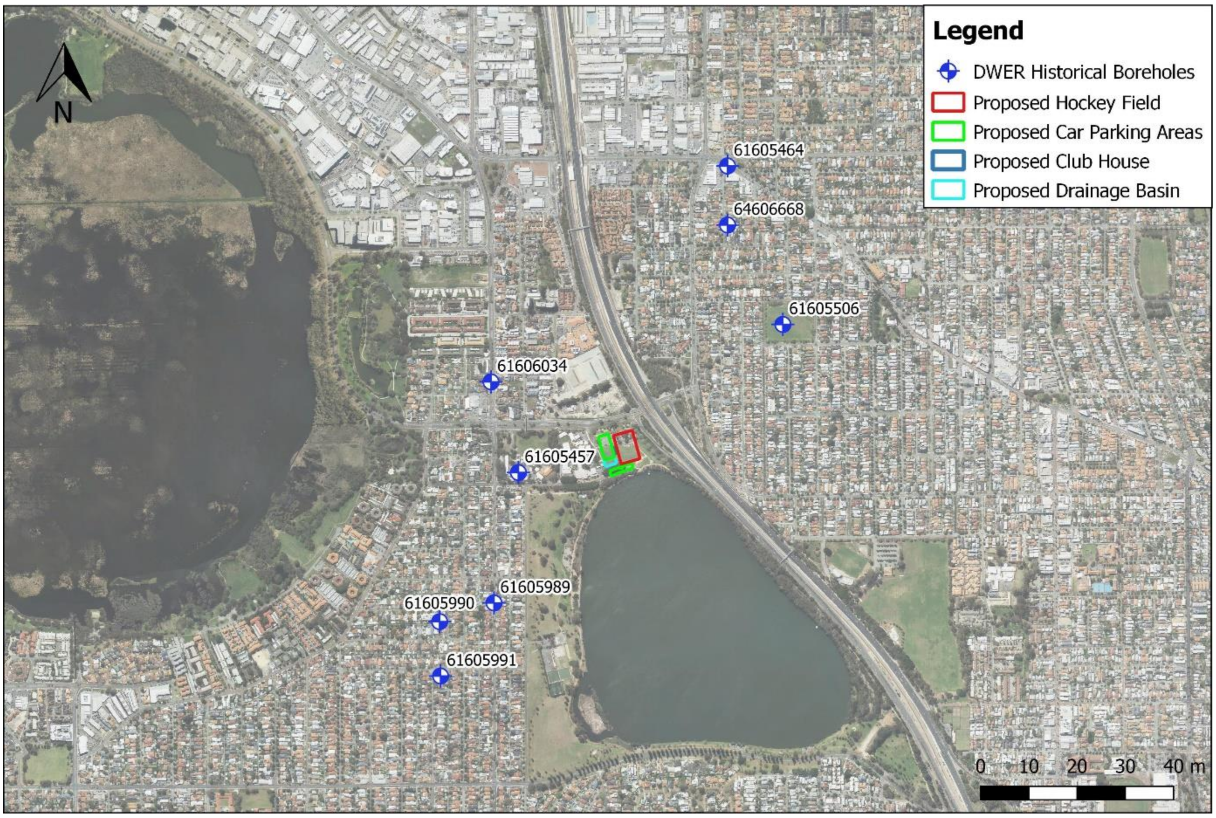


Figure 4: Location of DWER Historical Boreholes

The groundwater measurements taken in the monitoring bores located approximately 730 m to the southwest and 830 m to the northwest of the site, indicate groundwater levels with minimum and maximum level fluctuation of around 0.5 m, which is expected from the impact of the lake on nearby groundwater levels.

Based on the available information, it is considered that the groundwater level indicated in the Perth Groundwater Atlas 1997 could be representative of the maximum groundwater level at the site.

Although the available groundwater information provide some reasonably good indication about groundwater fluctuation in the area of the site, further assessment of the maximum groundwater level beneath the site would require some long term regular monitoring, at least over 12 months, of the groundwater level within monitoring wells constructed within the site.

However, for the purposes of this letter report and based on the available groundwater information, a maximum groundwater level of RL 13.5 m (i.e. approximately 0.4 m below the lowest existing site level), is suggested for the site, based on:

- the groundwater levels recorded during the Douglas Partners 2016 investigation (between RL 11.6 m and RL 12.9 m);
- the groundwater level recorded within the site on 16 June 2016;
- the groundwater levels recorded within the historical boreholes summarised in Table 1;

- the maximum regional groundwater level beneath the site, from the Perth Groundwater Atlas (1997); and
- the landform, geology and hydrogeological setting of the area.

6. Preliminary Geotechnical Comments

The results of the investigations as summarised in Section 5, indicate the occurrence of granular fill materials (Unit 1A) and landfill waste (Unit 1B) beneath the proposed hockey field. It should be noted that only one test location was undertaken by others within the site. Furthermore, the base of the landfill materials was not recorded at the abovementioned test location within the site, due to termination of the test pit at groundwater level (i.e. 1.5 m depth). Thus, the extent and thickness of landfill waste within the site is not know at this stage.

Furthermore, the occurrence of soft swamp deposits (Unit 2) beneath Unit 1B, such as encountered on adjacent sites and shown on the Perth 1:50,000 Environmental Geology sheet, is not proven beneath the site by intrusive testing at this stage, however it is strongly inferred. In particular, the thickness of such swamp deposits beneath the site is unknown at this stage.

The landfill waste (Unit 1B), the likely underlying swamp deposits (Unit 2), and by implication the overlying granular fill (Unit 1A) very likely form unsuitable foundation materials in their current conditions if occurring beneath the proposed development areas. In particular, the landfill waste (Unit 1B) is considered unsuitable because it is uncompacted and includes some foreign and putrescible items and is subject to long term densification over time (and liquefaction under earthquake loading). The underlying swamp deposit (Unit 2), if proven beneath the site, would not form a competent bearing layer and is subject to long term consolidation and settlement. Finally, the surficial fill (Unit A) forms an unsuitable foundation layer because it overlays weak soils that are prone to densification, consolidation and settlement over time.

Therefore, unpredictable settlements could occur beneath the proposed hockey field, associated club house, car parking areas and roads constructed on the materials of Units 1A, 1B and 2, unless suitable mitigation measures are implemented. A selection of the most suitable ground improvement technique(s) will be dependent on the condition of the materials of Unit 1B and the possible presence or otherwise of swamp deposits (Unit 2) beneath the site (to be assessed during a geotechnical investigation suggested in Section 8). However, based on the available information, possible ground improvement options to treat such materials are described further below.

a) <u>Proposed Cambridge Hockey Field</u>

A possibly suitable mitigation measure to densify Units 1A and 1B materials within the proposed hockey field footprint includes ground improvement using rapid impact compaction. However, the suitability of such ground improvement technique should be considered indicative at this stage owing to the uncertainty about the soil profile beneath the site, and should be re-assessed once this profile has been assessed using intrusive geotechnical sampling and testing discussed in Section 8.

Rapid impact compaction involves the repetitive dropping of a weight (5 to 10 tonnes) from limited height (1 m to 2 m), 40 to 60 times per minute, using a specialised hydraulic unit attached to an excavator. A cost estimate for this method across the whole of the site area, is included in Section 7.

The main benefit of using rapid impact compaction includes a deeper depth of compaction (compared to conventional compaction methods) of the materials of Units 1A and 1B, thus minimising risk of settlements to the proposed hockey field.

However, the possible presence of diverse and unknown foreign items within the landfill waste that might decay over time despite been densified, may also result in long term ground movements. Thus, given the anticipated strict settlement tolerances (ie up to 6 mm) beneath a proposed hockey field, the following options are discussed below for consideration:

- Provisions for placement of a geogrid at the base of the new hockey field pavement profile, to minimise loss of shape, and associated regular maintenance (re-levelling and re-surfacing), in addition to the rapid impact compaction ground improvement; or
- Adoption of an alternative ground improvement solution such as Controlled Modulus Columns (CMCs) instead of rapid impact compaction, if larger settlements than the abovementioned 6 mm are anticipated beneath the proposed hockey field for the abovementioned rapid impact compaction.

CMCs are used to improve the soil characteristics of compressible soil layers on a global scale and to reduce its compressibility by use of semi-rigid soil reinforcement columns. Unlike a piling solution which is designed to support the entire load of structures on piles, the objective of a CMC solution is to increase the stiffness of the soil mass to globally reduce both total and differential settlements by sharing the load of any structure between the soils and the CMCs. CMCs are installed using a specially designed auger that displaces the in situ soils laterally, with virtually no vibration or spoil, and reduced risk of contamination. When the auger is extracted a column is developed by low pressure grouting, to improve the surrounding soils. Furthermore, a load transfer platform (also known as granular mattress) will also be required to be constructed using granular fill materials above the reinforcement columns, to act as a load bearing layer to uniformly distribute the load from ground surface onto the reinforcement columns. A load transfer platform thickness of around 1 m, is tentatively suggested at this stage. A cost estimate for the construction of CMCs (excluding the cost for the load transfer platform) within the proposed hockey field footprint, is included in Section 7.

The possible occurrence of soft swamp deposits (Unit 2) beneath the proposed hockey field is not known at this stage but inferred. If present beneath the proposed hockey field, the rapid impact compaction ground improvement described above will likely be unsuitable alone to treat the ground conditions and may need to be complemented with preloading of the existing subgrade.

Preloading is a method that improves the bearing capacity and reduces settlements of soft to firm soils. The preload bearing pressure to be applied to the natural ground is not known at this stage, and should be assessed using the results of the geotechnical sampling and testing described in more detail in Section 8. In the absence of this information, a preloading sand thickness of around 4 m is suggested to be assumed for the purpose of a feasibility study.

Such preload should generally be kept in place until no significant settlements occurs. The implementation of an appropriate subsoil drainage system (i.e. wick drains) may also be considered, in order to accelerate the consolidation of soft Unit 2 materials under the preloading action. A period of consolidation of between 1 to 2 years is typically anticipated where soft materials occur.

However, the abovementioned preloading thickness and estimate of consolidation should be considered very indicative at this stage, as it strongly depends on the thickness of soft soil, which is unknown at this stage beneath the site. The assessment of the occurrence and thickness of soft soils beneath relevant parts of the site would require intrusive geotechnical sampling and testing described in more detail in Section 8.

A cost for the preloading ground improvement solution described in the previous page was not possible to be provided by Douglas Partners, because such cost is better derived by a Civil Engineer.

A ground improvement technique that comprises impact rolling, which consists of towing a non-circular compaction module over the ground surface, has also been considered. However, based on the depths of landfill waste encountered on adjacent sites (ie up to 2.6 m), with waste extending below groundwater, this method is considered to have little chance of success. However, in a best scenario (not supported by information from adjacent sites) where the landfill waste within the site does not extend too far below groundwater, or if the assumed settlement criteria for the proposed hockey field could be relaxed, then further consideration should be given to this ground improvement method (impact rolling) or even possibly conventional compaction using heavy roller, owing to their cost effectiveness.

Consideration was also given to excavate the existing landfill waste and possible swamp deposits. However, such option is unlikely to form a suitable ground improvement solution at the site, due to:

- possible environmental constraints (ie disposal of contaminated soils and management of inferred acid sulfate soils); and
- anticipated difficulties in excavating such materials beneath groundwater (dewatering will be required, together with managing excavated landfill waste and inferred acid sulphate soils).

b) Proposed Club House, Car Parking Areas and Roads

The rapid impact compaction ground improvement technique, complemented with preloading if soft swamp deposits (Unit 2) occur beneath the site, placement of a geogrid at the base of new pavement profiles, and associated regular maintenance, could form suitable ground improvement techniques for the proposed club house building, car parking areas and roads.

However, alternative options are discussed below for consideration:

i. One option could comprise forming a densified shallow foundation layer using the existing fill materials of Unit 1A and raising site levels using suitably compacted imported fill, in order to achieve at least a 1 m thick layer of densified material below the proposed level of any shallow foundation systems. The club house footings would then be founded in this formed dense layer that overlay unimproved uncontrolled fill, with some design provisions to correct anticipated future movements (discussed below).

   Proof rolling of the subgrade using a heavy roller (17 tonne or heavier), prior to placement of any imported fill.

It should be noted that some uncompacted materials of Unit 1B (landfill waste) will remain at depth beneath the densified fill layer following the abovementioned approach. Thus, significant risk of settlement resulting from long term creep and densification of the Unit 1B materials would remain, and will need to be considered in the design of the proposed club house footings and pavements. Douglas Partners' experience indicates long term creep settlements of the order of 3% to 5% of the fill thickness over a log cycle of time for uncompacted material such as Unit 1B. Assuming a maximum thickness of 2.6 m for the Unit 1B materials, creep settlement up to approximately 100 mm to 150 mm is considered possible within and above the Unit 1B materials.

The proposed club house building might not tolerate such large settlements, which would therefore preclude this option of building the proposed club house on a densified shallow foundation layer.

ii. Another option for the proposed club house building could comprise adopting a piled foundation system bearing below the base of Unit 1B materials and possible Unit 2 materials into the medium dense sand of Unit 3, and accepting ground movements and surface deformations that might impact proposed underground services (that could be mitigated with flexible connections) and pavements around the building.

Screw piles is anticipated to form a suitable and cost effective piled foundation system for the proposed club house building. However, foreign materials within the landfill waste materials of Unit 1B may form obstructions during the piling operations and therefore present a significant constraint during installation of the screw piles. The input from a specialist piling contractor should be obtained with respect to the potential use of such piles for this project and further assessment of the nature of the fill using intrusive geotechnical testing would be recommended beneath the club house envelope to assess this risk and associated mitigation measures.

Driven piles could also be considered, however might not be suitable owing to noise constraints, in particular with regards to the neighbouring school.

Bored or CFA piles are not considered suitable at this site because such piling methods result in soil spoils whose suitable disposal is anticipated to trigger some significant environmental constraints (regarding contamination and acid sulfate soils).

iii. If the risk of some loss of pavement surface and the requirement for increased pavement maintenance are accepted by the client, the following cost-effective site preparation using conventional earthmoving methods (in lieu of the aforementioned specialised rapid impact compaction) could be considered beneath proposed pavement areas:

a. Compact from ground surface using a heavy vibrating smooth drum roller (say heavier than 16 tonne);

b. Place a geogrid or geocomposite at subgrade level;

c. Construct the granular pavement; and

d. Adopt a flexible or reinforced surfacing treatment, such as a seal or a stone mastic asphalt reinforced with a geogrid.

This option would need to be complemented prior to its implementation with some surcharging, if significant thickness of soft swamp deposits exists beneath the proposed pavement areas. This conservative scenario (ie requirement for surcharging) is suggested to be assumed at this stage.

7. Results of Specialist Contractors Consultation

Consultations were established by Douglas Partners with specialist ground improvement contractors (see details in Table 2 below), in order to obtain cost estimates for the rapid impact compaction, controlled modulus columns or impact rolling, if suitable, ground improvement techniques, described in Section 6.

Table 2: Specialist Contractor Contact Details

Ground Improvement Technique	Company	Address	Contact
Rapid Impact Compaction	Rapid Impact Compaction Australia	Level 3, 267 St Georges Terrace, Perth, WA 6000	Braam Compion Tel: (08) 6388 9951 Email: braam@ricaustralia.com.au
Controlled Modulus Columns	Keller Ground Engineering Pty Ltd	Suite 4, 125 Melville Parade, Como, WA 6152	Ming Lai Tel: (08) 9350 5658 Email: ming.lai@keller.com.au
Impact Rolling	Broons	4 Maritime Court, Gillman, SA 5013	Derek Avalle Tel: 0430 445 486 Email: derek@broons.com.au

The results of the consultation with Rapid Impact Compaction Australia indicate the following cost estimates, for the rapid impact compaction ground improvement option:

- For the proposed hockey field footprint only: in the order of $110,000 (+ 10% GST);
- For the proposed hockey field and club house footprints only: in the order of $112,000 (+ 10% GST); and
- For the proposed hockey field, club house and car park footprints: in the order of $145,000 (+ 10% GST);

Please note that the cost estimates listed in the previous page, does not include for QA testing at completion of the rapid impact compaction ground improvement.

The results of the consultations with Keller Ground Engineering Pty Ltd indicate a cost estimate in the order of $600,000 (+ 10% GST), for the controlled modulus columns ground improvement option beneath the proposed hockey field footprint only. Please note that the above cost estimated does not include the cost for construction of a load transfer platform, because such cost is better derived by a Civil Engineer.

The results of the consultations with Broons indicate a cost estimate in the order of between $40,000 and $65,000 (+ 10% GST), for the impact rolling ground improvement option, if suitable, beneath the proposed hockey field, club house and car park footprints. Please note that the above cost estimate does not include for the provision of a grader and water cart (to be supplied by others), settlements monitoring and QA testing at completion of the impact rolling ground improvement.

8. Suggested Geotechnical Investigation Layout

The comments in Section 6 should be considered preliminary at this stage, and in particular are based on the reviewed available information which in particular include very limited field work results undertaken within the site.

The preliminary information collected as part of this feasibility study, suggest that the following items should be addressed in order to suitably assess the ground conditions within the proposed development area, and:

- delineate the extent and thickness of landfill waste beneath the key components of the proposed development;
- confirm or otherwise the occurrence and thickness of peaty materials (swamp deposits) beneath the site;
- assessment of possible surface movements associated with settlement and consolidation of soils following application of loads such as fill, if proposed;
- confirm or otherwise the suitability of the ground improvement techniques described in Section 7; and
- provide geotechnical design parameters for any piled foundation system.

The geotechnical investigation layout shown in Figure 5 next page, is tentatively suggested for a preliminary assessment of the specific ground conditions across the site to progress a feasibility of the proposed development.

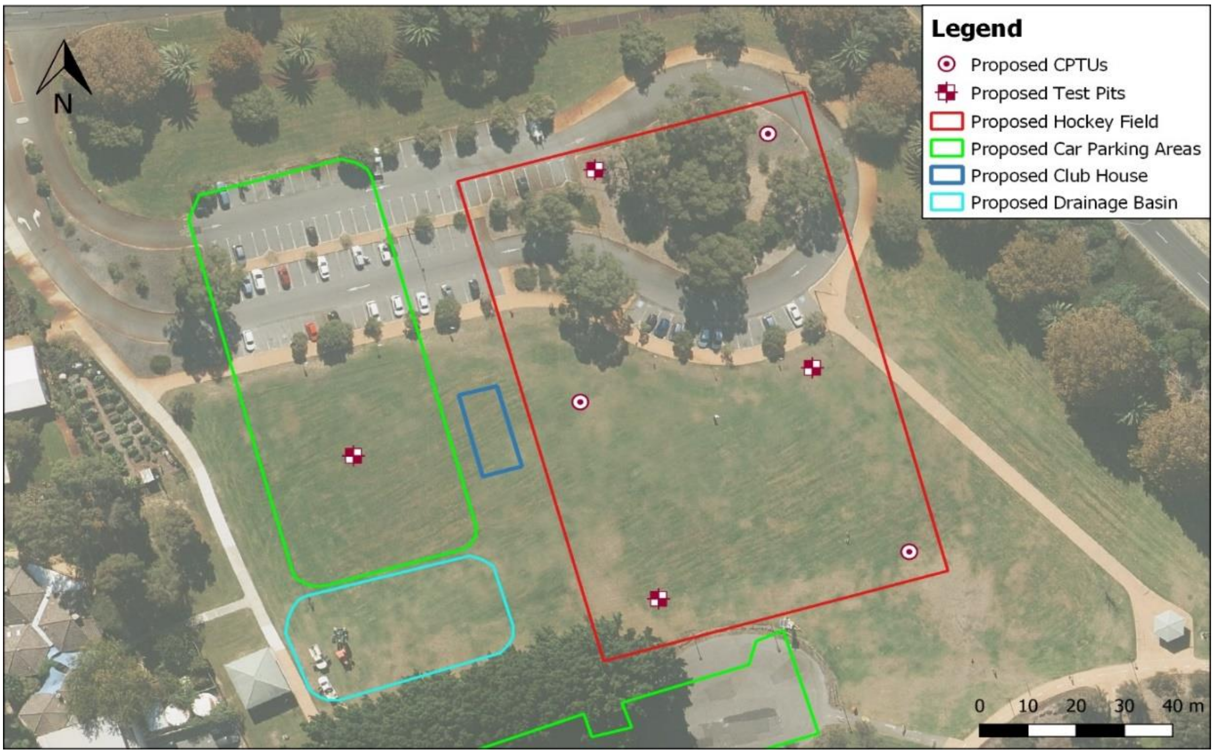


Figure 5: Tentative Geotechnical Investigation Layout.

The cone penetration tests (CPTUs) are proposed to be undertaken to a depth of 10 m, and will provide continuous data within the landfill waste materials, possible swamp deposits and underlying sand.

The test pits are proposed to be undertaken to a depth of 3 m, to suitably inspect the condition of the landfill waste materials of Unit 1B and presence or otherwise of peaty materials (swamp deposits) beneath such unit, and to collect soil samples for inspection and laboratory testing.

The above testing frequency is proposed for a preliminary assessment of the ground conditions and is considered suitable to progress a feasibility study at this site, and should also inform a preliminary design of the proposed development. A greater frequency would be required to inform at detailed design.

9. Limitations

Douglas Partners has prepared this letter report for this project at the corner of Powis Street and Mitchell Freeway in Glendalough, WA in accordance with Douglas Partners' proposal PER200329 dated 10 September 2020 and acceptance received from Mr Brad Harris of Porter Consulting Engineers in an email dated 9 November 2020. The work was carried out under Douglas Partners' Conditions of Engagement. This letter report is provided for the exclusive use of Porter Consulting Engineers for this project only and for the purposes as described in the letter report. It should not be used by or relied upon for other projects or purposes on the same or other site or by a third party. Any party so relying upon this letter report beyond its exclusive use and purpose as stated above, and without the express written consent of Douglas Partners, does so entirely at its own risk and without recourse to Douglas

Partners for any loss or damage. In preparing this report Douglas Partners has necessarily relied upon information provided by the client and/or their agents.

Douglas Partners' advice is based upon the limited available geotechnical information surround and within the site. The accuracy of the advice provided by Douglas Partners in this letter report may be affected by undetected variations in ground conditions across the site.

The assessment of atypical safety hazards arising from this advice is restricted to the geotechnical components set out in this letter report and based on known project conditions and stated design advice and assumptions. While some recommendations for safe controls may be provided, detailed 'safety in design' assessment is outside the current scope of this report and requires additional project data and assessment.

This letter report must be read in conjunction with all of the attached and should be kept in its entirety without separation of individual pages or sections. Douglas Partners cannot be held responsible for interpretations or conclusions made by others unless they are supported by an expressed statement, interpretation, outcome or conclusion stated in this letter report.

This letter report, or sections from this letter report, should not be used as part of a specification for a project, without review and agreement by Douglas Partners. This is because this letter report has been written as advice and opinion rather than instructions for construction.

Please contact the undersigned if you have any questions on this matter.

Yours faithfully
Douglas Partners Pty Ltd

Reviewed by

Sergio Neves
Associate Geotechnical Engineer

Frederic Verheyde
Principal

Appendix A: Notes About this Letter Report
Appendix B: Test Locations Plans
Appendix C: Golder Associates 2002 Geotechnical Investigation Results
Appendix D: 360 Environmental 2016 Geotechnical Investigation Results

Appendix A

Notes About this Letter Report

About this Report

Douglas Partners

Introduction

These notes have been provided to amplify DP's report in regard to classification methods, field procedures and the comments section. Not all are necessarily relevant to all reports.

DP's reports are based on information gained from limited subsurface excavations and sampling, supplemented by knowledge of local geology and experience. For this reason, they must be regarded as interpretive rather than factual documents, limited to some extent by the scope of information on which they rely.

Copyright

Borehole and Test Pit Logs

The borehole and test pit logs presented in this report are an engineering and/or geological interpretation of the subsurface conditions, and their reliability will depend to some extent on frequency of sampling and the method of drilling or excavation. Ideally, continuous undisturbed sampling or core drilling will provide the most reliable assessment, but this is not always practicable or possible to justify on economic grounds. In any case the boreholes and test pits represent only a very small sample of the total subsurface profile.

Interpretation of the information and its application to design and construction should therefore take into account the spacing of boreholes or pits, the frequency of sampling, and the possibility of other than 'straight line' variations between the test locations.

Groundwater

Where groundwater levels are measured in boreholes there are several potential problems, namely:

- In low permeability soils groundwater may enter the hole very slowly or perhaps not at all during the time the hole is left open;
- A localised, perched water table may lead to an erroneous indication of the true water table;
- Water table levels will vary from time to time with seasons or recent weather changes. They may not be the same at the time of construction as are indicated in the report; and
- The use of water or mud as a drilling fluid will mask any groundwater inflow. Water has to be blown out of the hole and drilling mud must first be washed out of the hole if water measurements are to be made.

More reliable measurements can be made by installing standpipes which are read at intervals over several days, or perhaps weeks for low permeability soils. Piezometers, sealed in a particular stratum, may be advisable in low permeability soils or where there may be interference from a perched water table.

Reports

The report has been prepared by qualified personnel, is based on the information obtained from field and laboratory testing, and has been undertaken to current engineering standards of interpretation and analysis. Where the report has been prepared for a specific design proposal, the information and interpretation may not be relevant if the design proposal is changed. If this happens, DP will be pleased to review the report and the sufficiency of the investigation work.

Every care is taken with the report as it relates to interpretation of subsurface conditions, discussion of geotechnical and environmental aspects, and recommendations or suggestions for design and construction. However, DP cannot always anticipate or assume responsibility for:

- Unexpected variations in ground conditions. The potential for this will depend partly on borehole or pit spacing and sampling frequency;
- Changes in policy or interpretations of policy by statutory authorities; or
- The actions of contractors responding to commercial pressures.

If these occur, DP will be pleased to assist with investigations or advice to resolve the matter.

About this Report

Site Anomalies

In the event that conditions encountered on site during construction appear to vary from those which were expected from the information contained in the report, DP requests that it be immediately notified. Most problems are much more readily resolved when conditions are exposed rather than at some later stage, well after the event.

Information for Contractual Purposes

Where information obtained from this report is provided for tendering purposes, it is recommended that all information, including the written report and discussion, be made available. In circumstances where the discussion or comments section is not relevant to the contractual situation, it may be appropriate to prepare a specially edited document. DP would be pleased to assist in this regard and/or to make additional report copies available for contract purposes at a nominal charge.

Site Inspection

The company will always be pleased to provide engineering inspection services for geotechnical and environmental aspects of work to which this report is related. This could range from a site visit to confirm that conditions exposed are as expected, to full time engineering presence on site.

Description and Classification Methods

The methods of description and classification of soils and rocks used in this report are generally based on Australian Standard AS1726:2017, Geotechnical Site Investigations. In general, the descriptions include strength or density, colour, structure, soil or rock type and inclusions.

Soil Types

Soil types are described according to the predominant particle size, qualified by the grading of other particles present:

Type	Particle size (mm)
Boulder	>200
Cobble	63 - 200
Gravel	2.36 - 63
Sand	0.075 - 2.36
Silt	0.002 - 0.075
Clay	<0.002

The sand and gravel sizes can be further subdivided as follows:

Type	Particle size (mm)
Coarse gravel	19 - 63
Medium gravel	6.7 - 19
Fine gravel	2.36 – 6.7
Coarse sand	0.6 - 2.36
Medium sand	0.21 - 0.6
Fine sand	0.075 - 0.21

Definitions of grading terms used are:

- Well graded - a good representation of all particle sizes
- Poorly graded - an excess or deficiency of particular sizes within the specified range
- Uniformly graded - an excess of a particular particle size
- Gap graded - a deficiency of a particular particle size with the range

The proportions of secondary constituents of soils are described as follows:

In fine grained soils (>35% fines)

Term	Proportion of sand or gravel	Example
And	Specify	Clay (60%) and Sand (40%)
Adjective	>30%	Sandy Clay
With	15 – 30%	Clay with sand
Trace	0 - 15%	Clay with trace sand

In coarse grained soils (>65% coarse)
- with clays or silts

Term	Proportion of fines	Example
And	Specify	Sand (70%) and Clay (30%)
Adjective	>12%	Clayey Sand
With	5 - 12%	Sand with clay
Trace	0 - 5%	Sand with trace clay

In coarse grained soils (>65% coarse)
- with coarser fraction

Term	Proportion of coarser fraction	Example
And	Specify	Sand (60%) and Gravel (40%)
Adjective	>30%	Gravelly Sand
With	15 - 30%	Sand with gravel
Trace	0 - 15%	Sand with trace gravel

The presence of cobbles and boulders shall be specifically noted by beginning the description with 'Mix of Soil and Cobbles/Boulders' with the word order indicating the dominant first and the proportion of cobbles and boulders described together.

Soil Descriptions

Cohesive Soils

Cohesive soils, such as clays, are classified on the basis of undrained shear strength. The strength may be measured by laboratory testing, or estimated by field tests or engineering examination. The strength terms are defined as follows:

Description	Abbreviation	Undrained shear strength (kPa)
Very soft	VS	<12
Soft	S	12 - 25
Firm	F	25 - 50
Stiff	St	50 - 100
Very stiff	VSt	100 - 200
Hard	H	>200
Friable	Fr	-

Cohesionless Soils

Cohesionless soils, such as clean sands, are classified on the basis of relative density, generally from the results of standard penetration tests (SPT), cone penetration tests (CPT) or dynamic penetrometers (PSP). The relative density terms are given below:

Relative Density	Abbreviation	Density Index (%)
Very loose	VL	<15
Loose	L	15-35
Medium dense	MD	35-65
Dense	D	65-85
Very dense	VD	>85

Soil Origin

It is often difficult to accurately determine the origin of a soil. Soils can generally be classified as:

- Residual soil - derived from in-situ weathering of the underlying rock;
- Extremely weathered material – formed from in-situ weathering of geological formations. Has soil strength but retains the structure or fabric of the parent rock;
- Alluvial soil – deposited by streams and rivers;
- Estuarine soil – deposited in coastal estuaries;
- Marine soil – deposited in a marine environment;
- Lacustrine soil – deposited in freshwater lakes;
- Aeolian soil – carried and deposited by wind;
- Colluvial soil – soil and rock debris transported down slopes by gravity;
- Topsoil – mantle of surface soil, often with high levels of organic material.
- Fill – any material which has been moved by man.

Moisture Condition – Coarse Grained Soils

For coarse grained soils the moisture condition should be described by appearance and feel using the following terms:

- Dry (D) Non-cohesive and free-running.
- Moist (M) Soil feels cool, darkened in colour.

  Soil tends to stick together.

  Sand forms weak ball but breaks easily.
- Wet (W) Soil feels cool, darkened in colour.

  Soil tends to stick together, free water forms when handling.

Moisture Condition – Fine Grained Soils

For fine grained soils the assessment of moisture content is relative to their plastic limit or liquid limit, as follows:

- ‘Moist, dry of plastic limit’ or ‘w <PL’ (i.e. hard and friable or powdery).
- ‘Moist, near plastic limit’ or ‘w ≈ PL (i.e. soil can be moulded at moisture content approximately equal to the plastic limit).
- ‘Moist, wet of plastic limit’ or ‘w >PL’ (i.e. soils usually weakened and free water forms on the hands when handling).
- ‘Wet’ or ‘w ≈LL’ (i.e. near the liquid limit).
- ‘Wet’ or ‘w >LL’ (i.e. wet of the liquid limit).

Cone Penetration Tests

Douglas Partners

Introduction

The Cone Penetration Test (CPT) is a sophisticated soil profiling test carried out in-situ. A special cone shaped probe is used which is connected to a digital data acquisition system. The cone and adjoining sleeve section contain a series of strain gauges and other transducers which continuously monitor and record various soil parameters as the cone penetrates the soils.

The soil parameters measured depend on the type of cone being used, however they always include the following basic measurements

- Cone tip resistance q_c
- Sleeve friction f_s
- Inclination (from vertical) i
- Depth below ground z

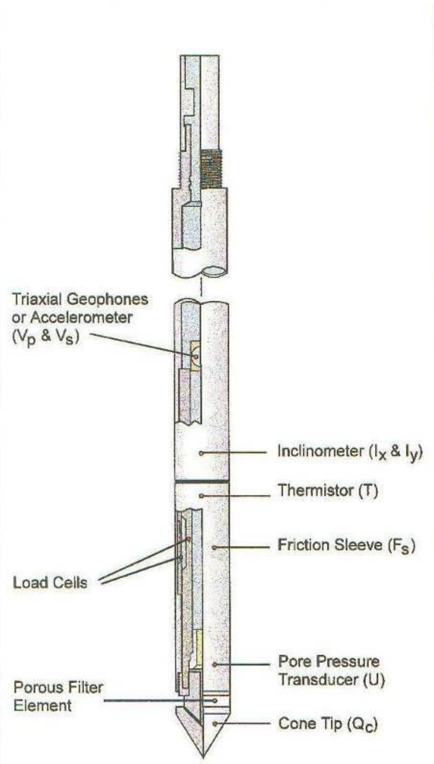


Figure 1: Cone Diagram

The inclinometer in the cone enables the verticality of the test to be confirmed and, if required, the vertical depth can be corrected.

The cone is thrust into the ground at a steady rate of about 20 mm/sec, usually using the hydraulic rams of a purpose built CPT rig, or a drilling rig. The testing is carried out in accordance with the Australian Standard AS1289 Test 6.5.1.

Figure 2: Purpose built CPT rig

The CPT can penetrate most soil types and is particularly suited to alluvial soils, being able to detect fine layering and strength variations. With sufficient thrust the cone can often penetrate a short distance into weathered rock. The cone will usually reach refusal in coarse filling, medium to coarse gravel and on very low strength or better rock. Tests have been successfully completed to more than 60 m.

Types of CPTs

Douglas Partners (and its subsidiary GroundTest) owns and operates the following types of CPT cones:

Type	Measures
Standard	Basic parameters (q_c, f_s, i & z)
Piezocone	Dynamic pore pressure (u) plus basic parameters. Dissipation tests estimate consolidation parameters
Conductivity	Bulk soil electrical conductivity (σ) plus basic parameters
Seismic	Shear wave velocity (V_s), compression wave velocity (V_p), plus basic parameters

Strata Interpretation

The CPT parameters can be used to infer the Soil Behaviour Type (SBT), based on normalised values of cone resistance (Qt) and friction ratio (Fr). These are used in conjunction with soil classification charts, such as the one below (after Robertson 1990)

Cone Penetration Tests

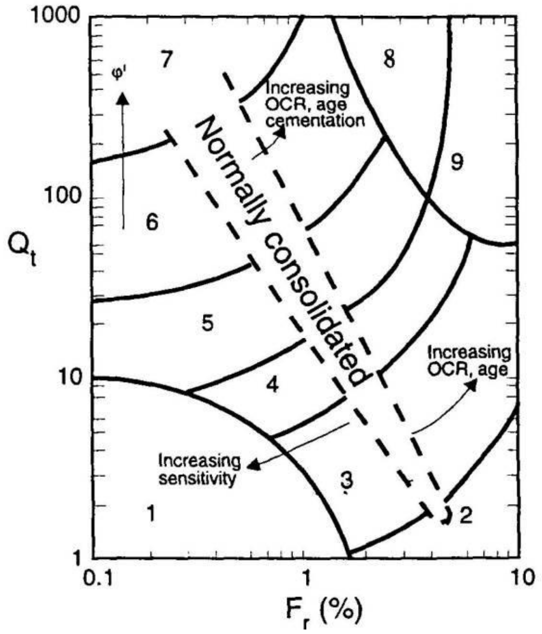


Figure 3: Soil Classification Chart

DP's in-house CPT software provides computer aided interpretation of soil strata, generating soil descriptions and strengths for each layer. The software can also produce plots of estimated soil parameters, including modulus, friction angle, relative density, shear strength and over consolidation ratio.

DP's CPT software helps our engineers quickly evaluate the critical soil layers and then focus on developing practical solutions for the client's project.

Engineering Applications

There are many uses for CPT data. The main applications are briefly introduced below:

Settlement

CPT provides a continuous profile of soil type and strength, providing an excellent basis for settlement analysis. Soil compressibility can be estimated from cone derived moduli, or known consolidation parameters for the critical layers (eg. from laboratory testing). Further, if pore pressure dissipation tests are undertaken using a piezocone, in-situ consolidation coefficients can be estimated to aid analysis.

Pile Capacity

The cone is, in effect, a small scale pile and, therefore, ideal for direct estimation of pile capacity. DP's in-house program ConePile can analyse most pile types and produces pile capacity versus depth plots. The analysis methods are based on proven static theory and empirical studies, taking account of scale effects, pile materials and method of installation. The results are expressed in limit state format, consistent with the Piling Code AS2159.

Dynamic or Earthquake Analysis

CPT and, in particular, Seismic CPT are suitable for dynamic foundation studies and earthquake response analyses, by profiling the low strain shear modulus G_0. Techniques have also been developed relating CPT results to the risk of soil liquefaction.

Other Applications

Other applications of CPT include ground improvement monitoring (testing before and after works), salinity and contaminant plume mapping (conductivity cone), preloading studies and verification of strength gain.

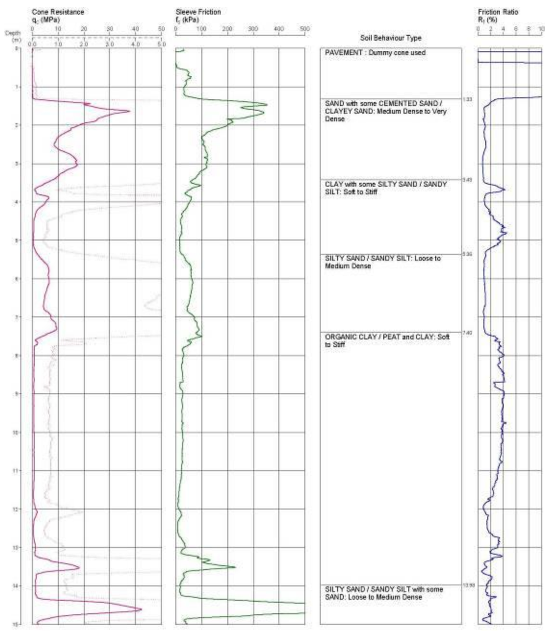
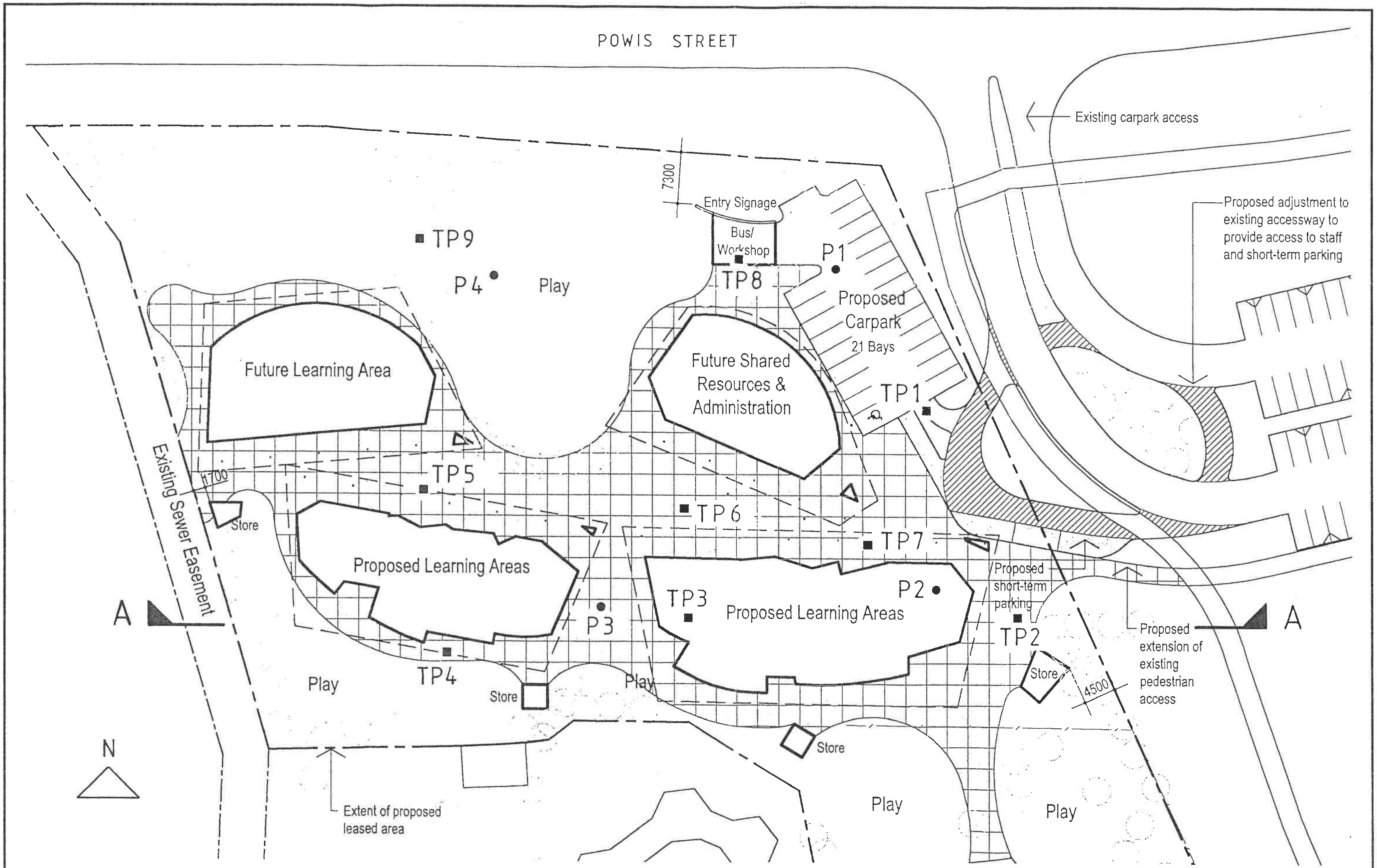


Figure 4: Sample Cone Plot

Appendix B

Test Location Plans



LEGEND:

- ● P1 Electric Friction-Cone Penetrometer Test Location 1
- ■ TP1 Test Pit Location 1

Golder Associates	Drawn: PR	Date: NOV 02	SITE PLAN
	Checked:	Date: 12/02	
	Revision:	Date:	
	Scale: 1:500	Project No.: 02640266	FIGURE 2

Legend

- Site Boundary
- Site Lots

Historical Landfill

- 1907 Rubbish Dumping
- 1914 Rubbish Dumping
- 1932 Rubbish Dumping
- 1939 Rubbish Dumping
- 1950 Domestic Waste
- 1950 Industrial Waste
- 1958 - 1966 Rubbish Dumping
- Inferred Extent
- Test Pit Locations

SLIP ENABLER

- LOCALITY MAP SOURCED FROM LANDGATE 2008
- STREET DIRECTORY MAP SOURCED STREETSMART 2008
- AERIAL PHOTOGRAPHY SOURCED LANDGATE Sept 2015
(© Western Australian Land Information Authority 2015)

0 100 200 400
Metres
Scale: 1:10,000 @ A4

- NOTE THAT POSITION ERRORS CAN BE ±5M IN SOME AREAS

LOCALITY MAP

360 environmental

PROJECT ID	DATE
1540	28/04/2016

HORIZONTAL DATUM AND PROJECTION
GDA 1994 MGA Zone 50

CREATED	CHECKED	APPROVED	REVISION
ENVIRONMAPS	JJ/VM	BH	0

Town of Cambridge
Lots 12663, 100 & 50 Lake Monger Drive

Figure 2:

Test Pit Locations

Appendix C

Golder Associates 2002 Geotechnical Investigation Results

ELECTRIC FRICTION-CONE PENETROMETER

Date: 25/11/02

Client: WOOD & GRIEVE ENGINEERS

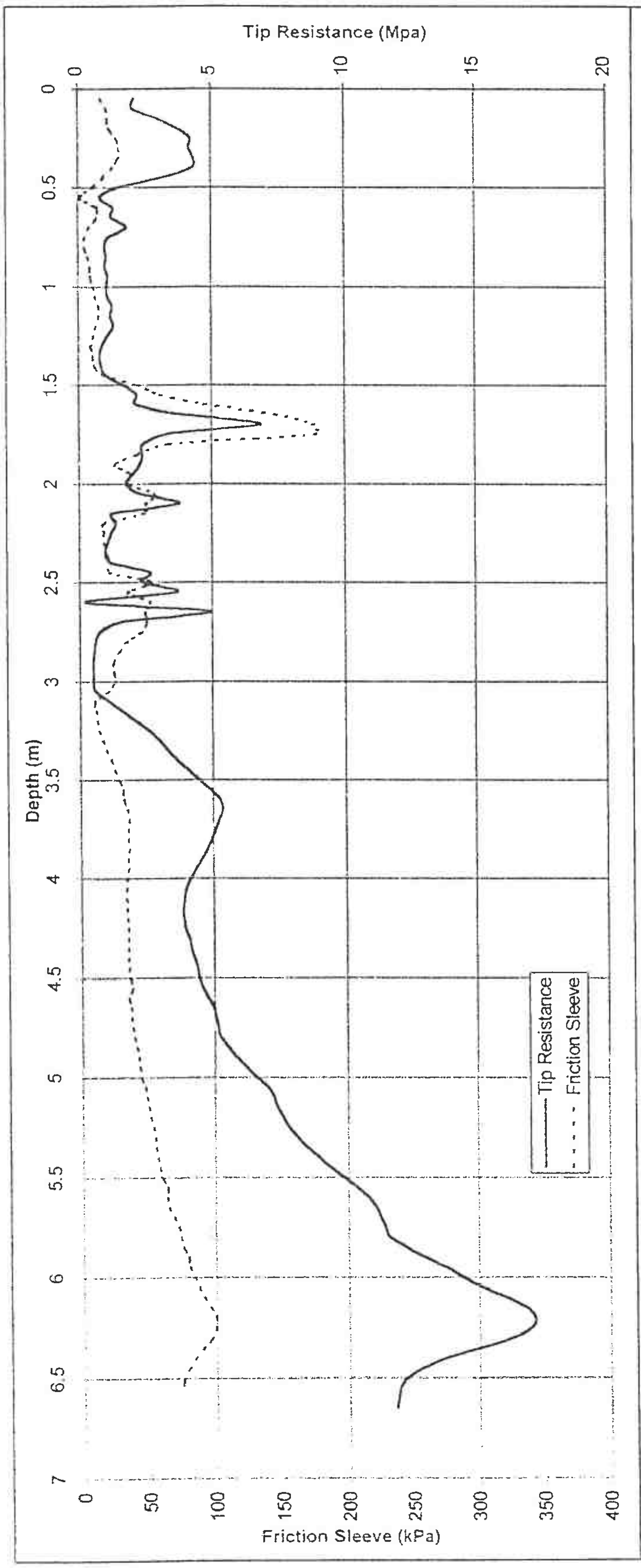
Probe No.: P 1

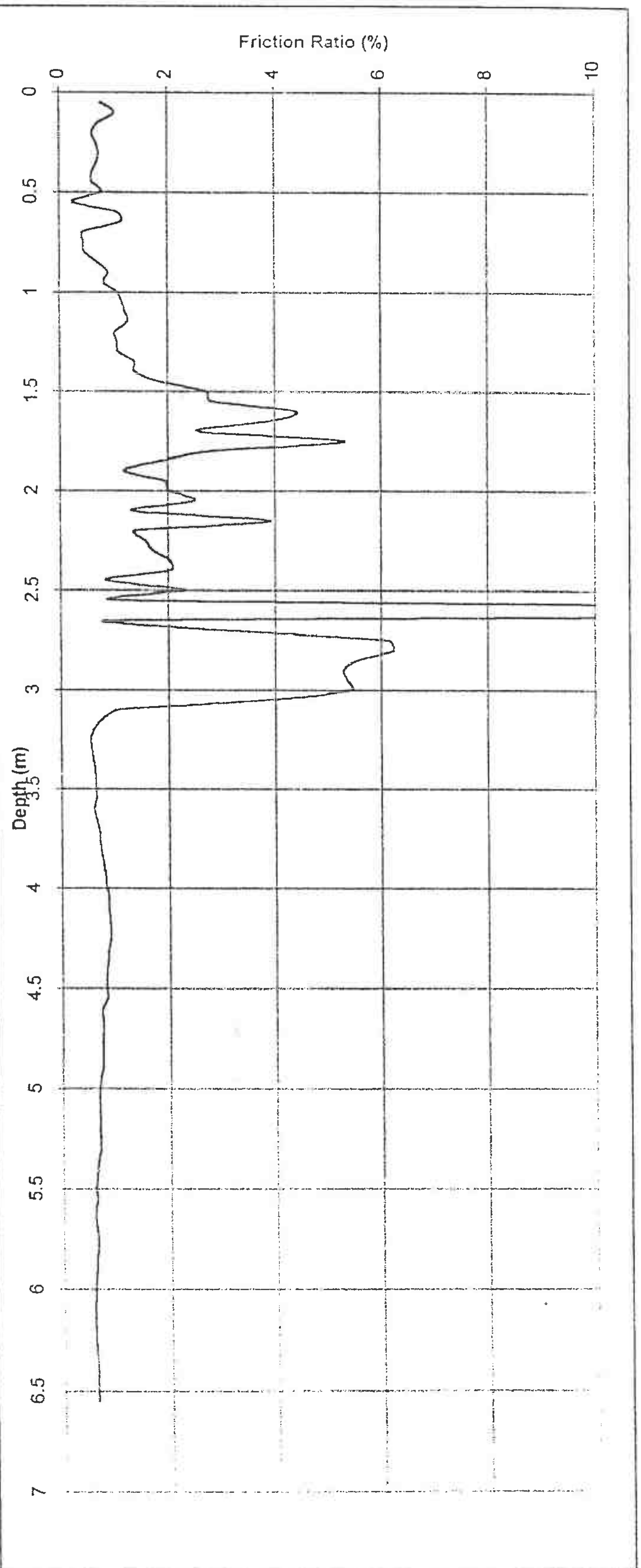
Project: BOLD PARK COMMUNITY SCHOOL

Job Number: 02640266

Location: WEMBLEY

Co-ordinates:





PROBEDRILL PTY. LTD.

Tested in accordance with AS 1289.6.5.1 - 1999

Phone/Fax : 93302372

Water Depth (m): Dry to 0.7

Refusal:

6 tonne track mounted CPT

File: GA774J

Dummy probe to (m):

Cone I.D. : CMREC12

Friction reducer : 45mm

ELECTRIC FRICTION-CONE PENETROMETER

Date: 25/11/02

Client: WOOD & GRIEVE ENGINEERS

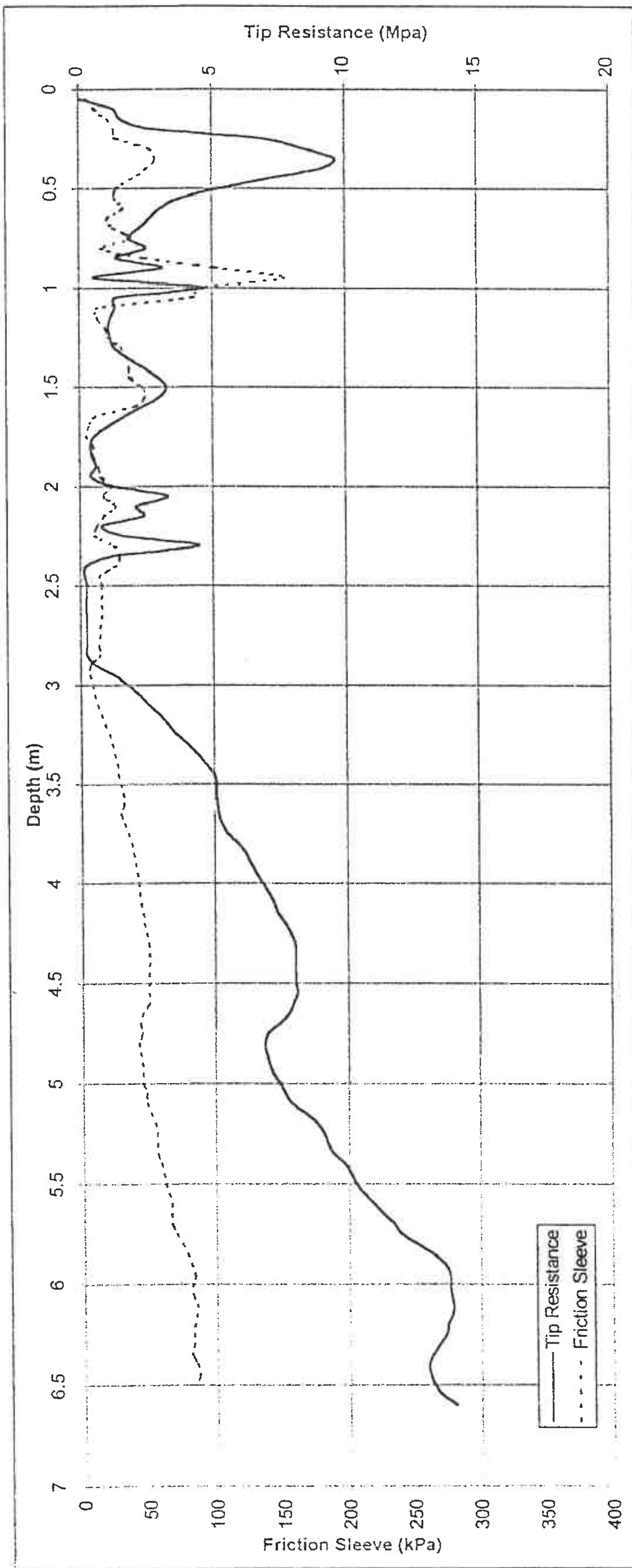
Probe No.: P 2

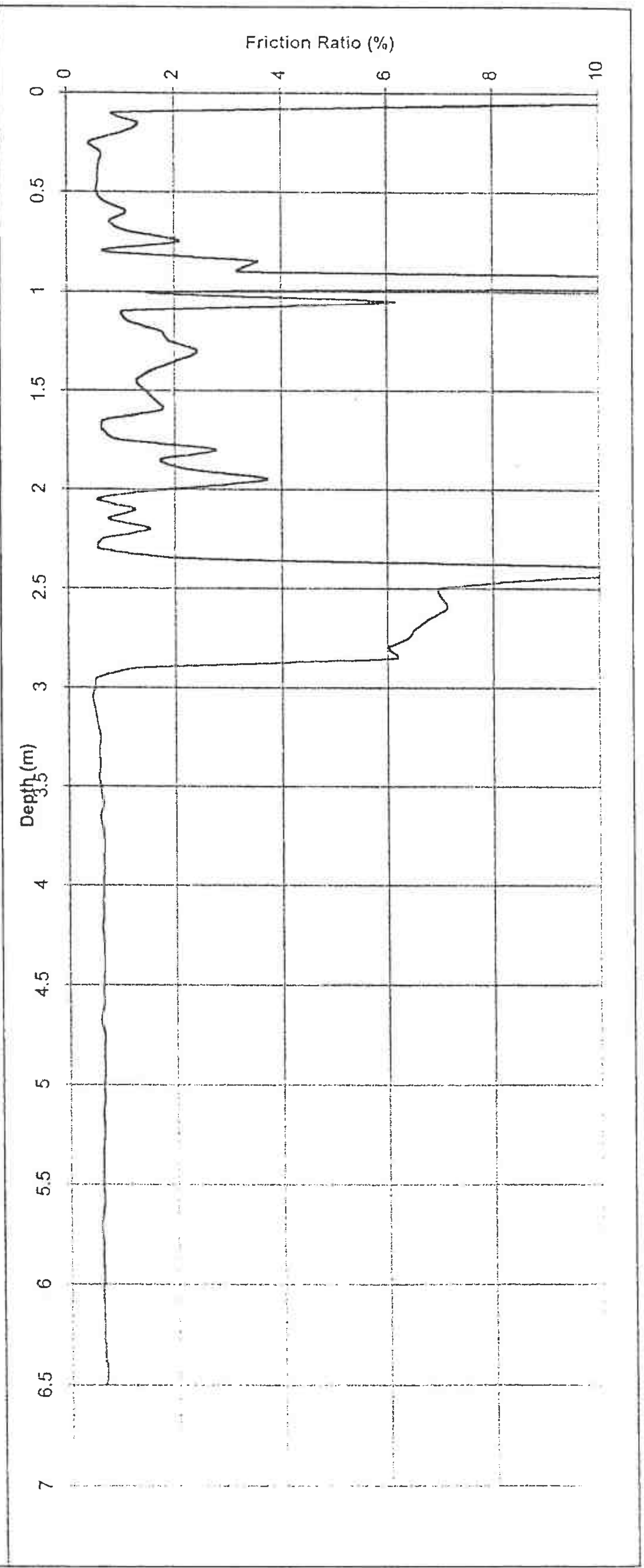
Project: BOLD PARK COMMUNITY SCHOOL

Job Number: 02640266

Location: WEMBLEY

Co-ordinates:





PROBEDRILL PTY. LTD.

Tested in accordance with AS 1289.6.5.1 - 1999

Phone/Fax : 93302372 | Water Depth (m): Dry to 1.25 | Refusal: | 6 tonne track mounted CPT

File: GA7745 | Dummy probe to (m): | Cone I.D. : CMREC12 | Friction reducer : 45mm

ELECTRIC FRICTION-CONE PENETROMETER

Client: WOOD & GRIEVE ENGINEERS

Project: BOLD PARK COMMUNITY SCHOOL

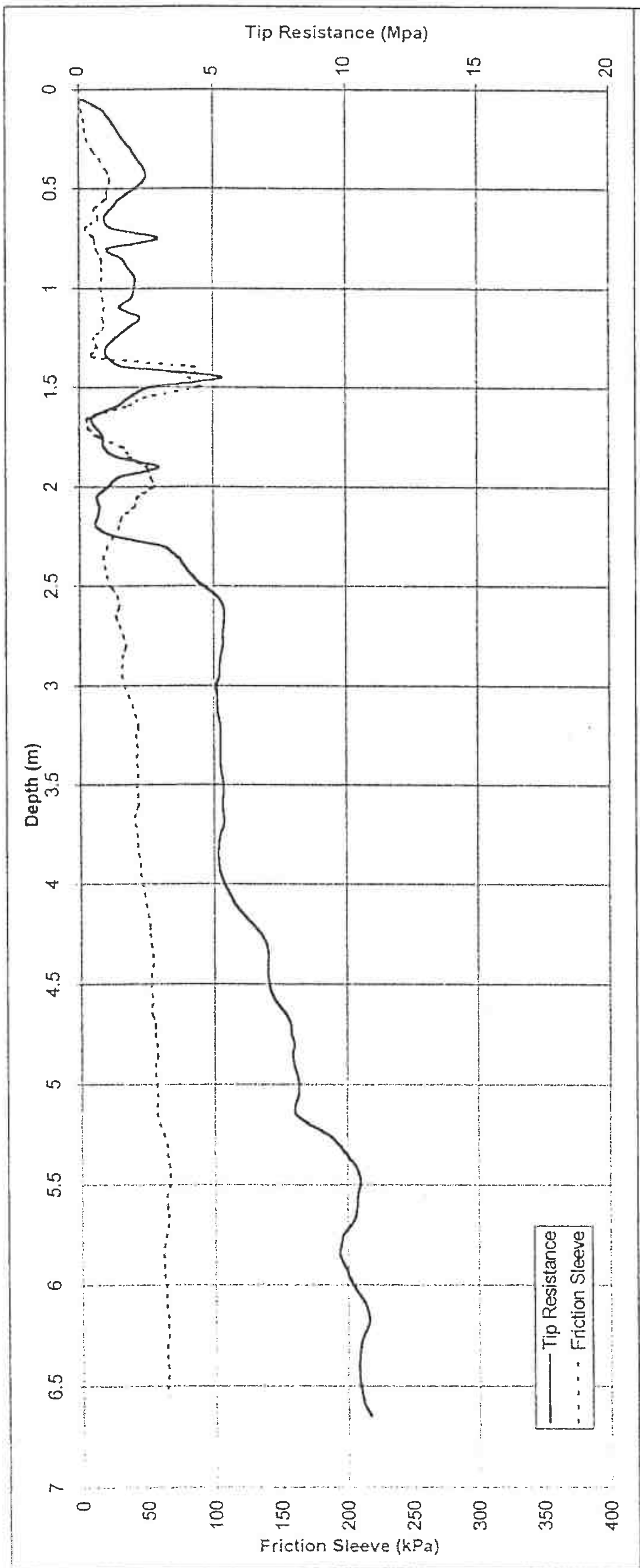
Location: WEMBLEY

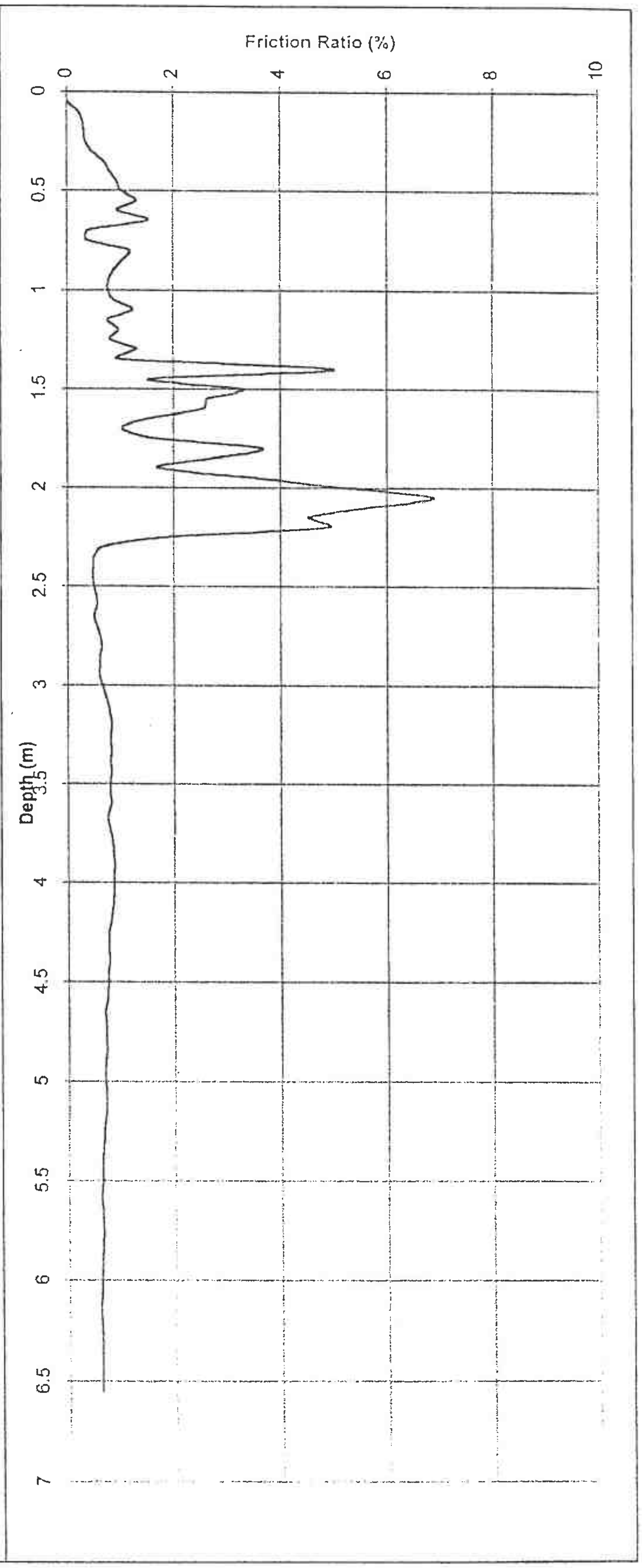
Date: 25/11/02

Probe No.: P 3

Job Number: 02640266

Co-ordinates:





PROBEDRILL PTY. LTD.

Tested in accordance with AS 1289.6.5.1 - 1999

Phone/Fax : 93302372 Water Depth (m): 1.75 Refusal:

6 tonne track mounted CPT

File: GA7746 Dummy probe to (m): Cone I.D. : CMREC12

Friction reducer : 45mm

ELECTRIC FRICTION-CONE PENETROMETER

Date: 25/11/02

Client: WOOD & GRIEVE ENGINEERS

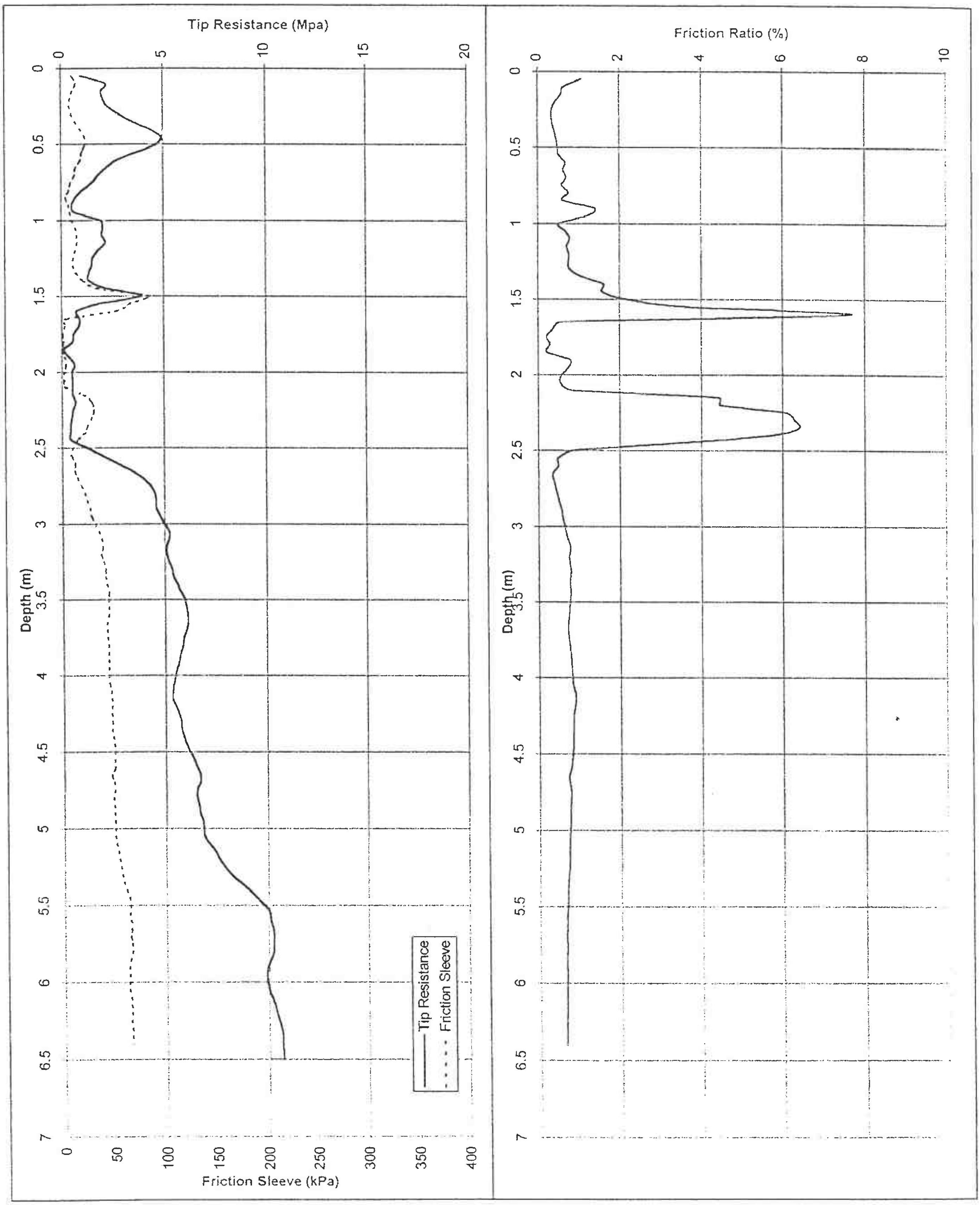
Probe No.: P 4

Project: BOLD PARK COMMUNITY SCHOOL

Job Number: 02640266

Location: WEMBLEY

Co-ordinates:



PROBEDRILL PTY. LTD.

Tested in accordance with AS 1289.6.5.1 - 1999

Phone/Fax : 93302372

Water Depth (m): 1.95

Refusal:

6 tonne track mounted CPT

File: GA7747

Dummy probe to (m):

Cone I.D. : CMREC12

Friction reducer : 45mm

Golder Associates

REPORT OF TEST PIT: TP1

CLIENT: Wood & Grieve Engineers
PROJECT: Bold Park Community School
LOCATION: Powis Street, WEMBLEY
JOB NO: 02640266

POSITION:
SURFACE RL: m DATUM: AHD71
PIT DEPTH: 2.50 m
BUCKET TYPE: General Purpose 450mm

SHEET: 1 OF 1
MACHINE: Case 580B
CONTRACTOR: Executive Plant Hire
LOGGED: DLS DATE: 25/11/02
CHECKED: DPS DATE: 4/12/02

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
Backhoe	L		0.0					SP	FILL - SAND Fine to medium grained, pale grey	D	L-MD	
			0.5	0.50					LAND FILL FILL - MIXTURE OF SAND (~40%) and REFUSE (~60%) SAND is: fine to medium grained, grey REFUSE includes many glass bottles, metal pieces, burnt matter, wood, dropper bottles, small plastic bottles, broken pieces of porcelain	D	L	Strong Chemical/oily odour
		2.2m								W		
					Sample @ 2.5m							
			2.5	2.50					End of Test Pit at 2.5m			
			3.0									

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

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Golder Associates

REPORT OF TEST PIT: TP2

SHEET: 1 OF 1

CLIENT:	Wood & Grieve Engineers	POSITION:		MACHINE: Case 580B	
PROJECT:	Bold Park Community School	SURFACE RL: m DATUM: AHD71		CONTRACTOR: Executive Plant Hire	
LOCATION:	Powis Street, WEMBLEY	PIT DEPTH: 2.40 m		LOGGED: DLS	DATE: 25/11/02
JOB NO:	02640266	BUCKET TYPE: General Purpose 450mm		CHECKED: DPS	DATE: 4/12/02

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L	1.3m	0.0 – 0.60	0.60				SP	FILL - SAND Fine grained to medium, pale grey	D	L-MD	
			0.60 – 2.40	2.40	Sample @ 0.7 - 0.8m				LAND FILL FILL - mixture of SAND (~40%) and REFUSE (~60%) SAND is: fine to medium grained, grey REFUSE includes many glass bottles, broken glass, several plastic bags, several bricks, wooden posts, metal, burnt material		L	
			2.40						End of Testpit at 2.4m Rapid Water Inflow			

Depth scale: 0.0, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

REPORT OF TEST PIT: TP3

Golder Associates

CLIENT:	Wood & Grieve Engineers	POSITION:	SHEET: 1 OF 1
PROJECT:	Bold Park Community School	SURFACE RL: m DATUM: AHD71	MACHINE: Case 580B
LOCATION:	Powis Street, WEMBLEY	PIT DEPTH: 2.70 m	CONTRACTOR: Executive Plant Hire
JOB NO:	02640266	BUCKET TYPE: General Purpose 450mm	LOGGED: DLS DATE: 25/11/02
			CHECKED: DPS DATE: 4/12/02

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0					SP	FILL - SAND Fine to medium grained, with a trace of cobbles, pale grey	D	L-MD	
			0.5	0.60					LAND FILL FILL - mixture of SAND (~40%) and REFUSE (~60%) SAND is: fine grained, brownish grey REFUSE includes many glass bottles, broken glass, trace of metal pieces, wood, asbestos (?), cardboard, paper, becomes blacker with depth		L	Strong chemical/oily odour Date on newspaper brought to surface is February 1956
		1.8m	1.0 1.5	1.90				Pt	CLAYEY PEAT Brown-black, fibrous, contains fine roots, medium plasticity, trace of medium grained sand	M	S-F	
			2.0		Sample @ 2.0m Sample @ 2.2m							
			2.5	2.40	Sample @ 2.7m			SP	SAND Fine to medium grained, pale grey, trace silt	M	L-MD	
			3.0	2.70					End of Test Pit at 2.7m			

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

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REPORT OF TEST PIT: TP4

Golder Associates

SHEET: 1 OF 1

CLIENT:	Wood & Grieve Engineers	POSITION:		MACHINE: Case 580B	
PROJECT:	Bold Park Community School	SURFACE RL: m DATUM: AHD71		CONTRACTOR: Executive Plant Hire	
LOCATION:	Powis Street, WEMBLEY	PIT DEPTH: 2.30 m		LOGGED: DLS	DATE: 25/11/02
JOB NO:	02640266	BUCKET TYPE: General Purpose 450mm		CHECKED: DPS	DATE: 4/12/02

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0	0.05				SP	FILL - SAND fine grained, some cobbles, trace glass bottles, pale grey brown	D		
								SP	SAND FILL Fine to medium grained, sub-rounded, pale greyish white, trace of silt			
			0.5	0.50	Sample @ 0.5m				LAND FILL FILL - mixture of SAND (~50%) and REFUSE (~50%) SAND is: fine to coarse grained, greyish brown REFUSE includes broken glass, wood, metal strips	D	L L	
			1.0	1.00				SP	SAND Fine to medium grained,brown, with organics and roots, possibly original topsoil			
				1.05				SP	SAND Fine to medium grained, pale grey-white, trace of silt	M	L-MD	
					Sample @ 1.3m							
			1.5									
			2.0									
				2.30	Sample @ 2.3m							
									End of Test Pit at 2.3m Groundwater not encountered			
			2.5									
			3.0									

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

REPORT OF TEST PIT: TP5

Golder Associates

CLIENT: Wood & Grieve Engineers	POSITION:	SHEET: 1 OF 1	
PROJECT: Bold Park Community School	SURFACE RL: m DATUM: AHD71	MACHINE: Case 580B	
LOCATION: Powis Street, WEMBLEY	PIT DEPTH: 2.10 m	CONTRACTOR: Executive Plant Hire	
JOB NO: 02640266	BUCKET TYPE: General Purpose 450mm	LOGGED: DLS	DATE: 25/11/02
		CHECKED: DB	DATE: 4/12/02

METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0		Sample @ 0.5m			SP	FILL - SAND Fine to medium grained, pale grey and yellow	D	L-MD	
				0.80					LAND FILL FILL - mixture of SAND (~40%) and REFUSE (~60%) SAND is: fine-coarse grained, greyish brown, some gravel REFUSE includes glass bottles, broken glass, bone, metal pipe 5cm diameter x 1m long, 20cm long brick, 30cm long metal sheets, plastic wrapping, cardboard	D	L	
				1.40				SP	SAND Fine to medium grained, sub-rounded, white, trace of silt	M	L-MD	
				2.10					End of Test Pit @ 2.1m Groundwater not Encounted			

Depth scale: 0.0, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

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Golder Associates

REPORT OF TEST PIT: TP6

SHEET: 1 OF 1

CLIENT:	Wood & Grieve Engineers	POSITION:	MACHINE: Case 580B
PROJECT:	Bold Park Community School	SURFACE RL: m DATUM: AHD71	CONTRACTOR: Executive Plant Hire
LOCATION:	Powis Street, WEMBLEY	PIT DEPTH: 2.30 m	LOGGED: DLS DATE: 25/11/02
JOB NO:	02640266	BUCKET TYPE: General Purpose 450mm	CHECKED: DAS DATE: 4/12/02

Excavation: METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	Sampling: SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0					SP	FILL - SAND Fine to medium grained, pale grey brown	D	L	
				0.60					LAND FILL FILL - mixture of SAND (~20%) and REFUSE (~80%) SAND is: fine-coarse grained, grey-reddish brown REFUSE includes trace plastic wrapping, rusty metal, broken glass, porcelain, bottle of hairspray, Pepsi bottle, 40cm piece of metal, glass bottles-approx 10-15, small plastic bottles, pen	D	L	Strong chemical/oily odour
		▽ 2.3m	2.0	2.00	Sample @ 2.0m			Pt	CLAYEY PEAT Brown-black, fibrous, contains fine roots, medium plasticity, trace of medium grained sand	M	S-F	Water flowing in along top of peat layer
				2.30					End of Test Pit at 2.3m			

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

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Golder Associates

REPORT OF TEST PIT: TP7

CLIENT: Wood & Grieve Engineers	POSITION:	SHEET: 1 OF 1	
PROJECT: Bold Park Community School	SURFACE RL: m DATUM: AHD71	MACHINE: Case 580B	
LOCATION: Powis Street, WEMBLEY	PIT DEPTH: 2.20 m	CONTRACTOR: Executive Plant Hire	
JOB NO: 02640266	BUCKET TYPE: General Purpose 450mm	LOGGED: DLS	DATE: 25/11/02
		CHECKED: DPS	DATE: 4/12/02

Excavation					Sampling	Field Material Description						
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0					SP	FILL - SAND Fine to medium grained, brownish grey	D	L	
			0.20	0.20					LAND FILL FILL - mixture of SAND (~20%) and REFUSE (~80%) SAND is: fine-coarse grained, pale grey REFUSE includes large glass bottles, broken glass, burnt material, wooden sticks/stakes, rubber hose, car tyre, pieces of wood	M	L	
		1.6m								W		Possibly some peat encountered in bottom corner of test pit.
			2.20	2.20					End of Test Pit at 2.2m Rapid Groundwater Inflow			

Depth scale: 0.0, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

REPORT OF TEST PIT: TP8

Golder Associates

SHEET: 1 OF 1

CLIENT:	Wood & Grieve Engineers	POSITION:	MACHINE: Case 580B
PROJECT:	Bold Park Community School	SURFACE RL: m DATUM: AHD71	CONTRACTOR: Executive Plant Hire
LOCATION:	Powis Street, WEMBLEY	PIT DEPTH: 2.50 m	LOGGED: DLS DATE: 25/11/02
JOB NO:	02640266	BUCKET TYPE: General Purpose 450mm	CHECKED: DRS DATE: 4/12/02

Excavation					Sampling	Field Material Description						
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0					SP	FILL - SAND Fine to medium grained, pale grey, some plant roots	D	L-MD	
			0.5	0.40					LAND FILL FILL - mixture of SAND (~10%) and REFUSE (~90%) SAND is: fine-medium grained, pale grey REFUSE includes glass bottles, broken glass, plastic containers, brick, wood, plastic wrapping, large metal pipe - 5cm wide and 1m long	M	L	
		2.1m	2.0	2.10	Sample @ 2.1m Sample @ 2.5m				CLAYEY PEAT Brown-black, fibrous, contains fine roots, medium plasticity, trace of medium grained sand	M-W	S-F	
			2.5	2.50					End of Test Pit at 2.5m			
			3.0									

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

Golder Associates

REPORT OF TEST PIT: TP9

SHEET: 1 OF 1

CLIENT: Wood & Grieve Engineers
PROJECT: Bold Park Community School
LOCATION: Powis Street, WEMBLEY
JOB NO: 02640266

POSITION:
SURFACE RL: m DATUM: AHD71
PIT DEPTH: 1.90 m
BUCKET TYPE: General Purpose 450mm

MACHINE: Case 580B
CONTRACTOR: Executive Plant Hire
LOGGED: DLS DATE: 25/11/02
CHECKED: DB DATE: 4/12/02

METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BACKHOE	L		0.0					SP	FILL - SAND Fine to medium grained,pale greyish cream	D	L	
			0.80	0.80					LAND FILL FILL - mixture of SAND (~50%) and REFUSE (~50%) SAND is: fine-coarse grained, grey, brownish yellow REFUSE includes metal wire ~5cm long, metal sheets, bent rusty metal pieces, glass bottles, broken glass	D	L	
			1.30	1.30	Sample @ 1.9m			SP	SAND Fine to medium grained, sub-rounded, creamy white, trace of silt	M	L-MD	
			1.90	1.90					End of Test Pit at 1.9m Groundwater not Encounted			

This report of test pit must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

GAP gINT FN. F01e
RL1

Appendix D

360 Environmental 2016 Geotechnical Investigation Results

TEST PIT/EXCAVATION CROSS SECTION

TEST PIT/EXCAVATION CROSS SECTION			TP01	LEGEND	360 environmental
PROJECT Name: *Lake Monger DSI*	**Client:** *Town of Cambridge*	**SHEET:** *1/1*	**Excavation Date:** *16/06/2016*	(sand pattern)	SAND, pale yellow, fine grained, well graded, sub rounded
PROJECT #: *1540*	**PROJECT Location:** *Lake Monger, Gregory Street, Wembley, Western Australia*			(line pattern)	WASTE MATERIAL mixed with SAND, dark brown, fine grained, poorly graded, subrounded
Project Manager: *Vanessa Mamet*	**AOPC:** *Northern Historical Landfill - 1950's Industrial Waste*				
Subcontractor Excavation: *Edge Drilling*	**Coordinates (MGA94):** *388914, 6467407* **Measurement from Reference Points to Test Pits:** *40.8m North to light pole, 52.8m East to light pole* *Note: Coordinates and measurements taken from NW corner of test pit*				
Excavation Equipment: *5t Excavator, 1200mm Scoop*					
Wall/Face: *West*	**Total Depth (mbgl):** *1.5*				
Length (m) of walls: *1.2 North/South X 1.8 East/West*	**Logged by:** *PR*	**Checked by:** *VM*			

Depth	< North ---- 1.8 ---- South >	ACM Samples	Comments
0.1			Topsoil (SAND, dark brown, fine grained, well graded, sub rounded with grass rootlets throughout)
0.2	X TP01_0.15 (PID: 0.0ppm)		SAND, pale yellow, fine grained, well graded, sub rounded
0.3			
0.4			
0.5	X TP01_0.5 (PID: 0.0ppm)	TP01_0.5 (ACM Bag)	
0.6			
0.7			
0.8			Landfill materials: Jars lids, shoes, glass, plastic bottles, paper, glass bottles, piping, bricks, metal wires, asbestos fragments (40%) in a dark brown sand matrix (60%)
0.9			
1.0	X TP01_1.0 (PID: 0.0ppm)	TP01_1.0 (ACM Bag)	
1.1			
1.2			
1.3			
1.4			
1.5	X TP01_1.5 (PID: 0.0ppm)	TP01_1.5 (ACM Bag)	1 ACM fragment following sieving
1.6	Bottom at 1.5mbgl		Notes: - Groundwater encountered at 1.5mbgl - Bulk soil sample passed through a 7mm sieve prior to asbestos sampling - Test pit uniform across all 4 walls for logged geologies
1.7			
1.8			
1.9			
2.0			
2.1			
2.2			
2.3			
2.4			
2.5			

meters below ground level (mbgl)

Photograph 1: North Landfill Area – TP1

Photograph 2: North Landfill Area – TP1 waste

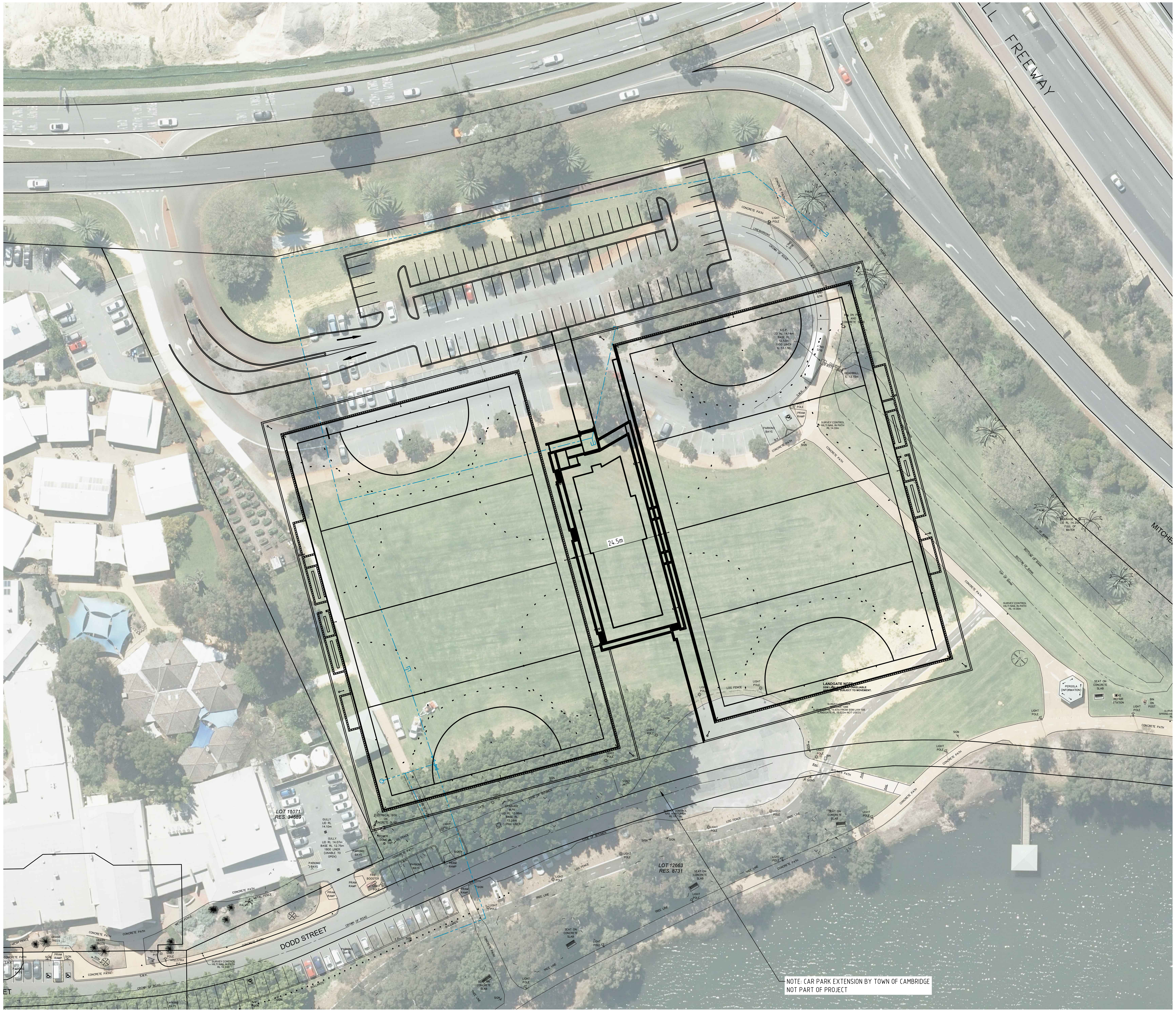
APPENDIX 3 – Bore Results

Bore 183 Lake Monger					
Sample Date	Jun 2020				
Analyte	unit	Result	Low	Medium	High
Nitrate Nitrogen	mg/L	<0.10			
Ammonium Nitrogen	mg/L	0.8			
Bicarbonate	mg/L	45			
Sulphur	mg/L	24.2			
Phosphorus	mg/L	<0.05			
Potassium	mg/L	4.62			
Sodium	mg/L	80			
Calcium	mg/L	13.6			
Magnesium	mg/L	15.6			
Copper	mg/L	<0.05			
Zinc	mg/L	<0.05			
Manganese	mg/L	0.06			
Iron	mg/L	3.24			
Boron	mg/L	<0.05			
Chloride	mg/L	122			
pH	pH unit	6.4			
EC	dS/m	0.667			
TDS	ppm	367			
RSC	meq/100g	-1.26			

Comments:

- The pH at Lake Monger (Bore 183) is acid.
- The low pH has kept bicarbonate levels low which results in calcium and magnesium precipitation and water percolation not being an issue.
- Sodium and chloride levels are high, magnesium levels moderate and calcium levels are low. The RSC indicates that there is little risk of sodium accumulation in the soil due to the offsetting of calcium and magnesium.
- The low nitrogen in the groundwater indicates that fertiliser applications are likely to be required, particularly to the active playing field region, but care must be taken due to the proximity to the water body.
- Applications of phosphorus should always be treated with caution and only made in response to both leaf and soil analyses. This especially true in such close proximity to water bodies.
- Iron levels are moderate and may stain infrastructure groundwater is in contact with. It may also cause blockages in irrigation componentry.
- Sulphur levels are at such that an odour may be detected during irrigation.
- Salinity and levels of other nutrients and metals are not of concern.

APPENDIX 4 – Alternative Second Pitch Option



ALTERNATIVE LAYOUT - FUTURE DUPLICATION

1:500

LEGEND

- PROPOSED IRRIGATION CANNONS
- PROPOSED LIGHTING TOWER
- PROPOSED HOCKEY TURF
- PROPOSED CARPARK
- CONCEPT LAYOUT
- CARPARK - NOT IN PROJECT
- EXISTING BORE WATER MAIN
- PROPOSED BORE WATER CONNECTION
- PROPOSED WATER TANKS

1:500 0 5 10 20 30
Half Size 1:1000 - SCALE (m)

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PROJECT:
LAKE MONGER NORTH
HOCKEY PITCH & CARPARK

No.	DATE	REVISION	BY
C	28-1-2021	BUIDLING ADDED TO CENTRE OF HOCKEY PITCH. 24.5m DISTANCE BETWEEN REBOUND WALLS	MJV
B	10-12-2020	CARPARK NOTE ADDED	MJV
A	9-11-2020	ISSUED FOR COMMENT	MJV

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CLIENT:
TOWN OF CAMBRIDGE

DRAWING:
OVERALL LAYOUT PLAN
FUTURE DUPLICATION

STATUS: **FOR COMMENT**

SCALE	1:500
DATE	JAN 2021
DESIGN	BIH
DRAWN	MJV
CHECK	

DRAWING No.	REV No.	ORIGINAL DRAWING SIZE
20-11-173/803	C	A1

FILE NAME S:\ACTIVE PROJECTS\20-11-173\ACAD\2011173-803.dwg

APP'D

APPENDIX 5 – Quantity Surveyor Costs

Feasibility Studies Cost Report

Lake Monger North Hockey Pitch and Carpark

Town of Cambridge

PROJECT NO:	71930.100345
AUTHORISED BY:	Sharon Yap
DOCUMENT TITLE:	Feasibility Studies Cost Report (rev 1)
ISSUE DATE:	12 January 2021

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ISSUE REGISTER

Revision	Issue Date	Details	Prepared By (Name)	Checked By (Name)	Authorised By (Name)
0	12 Jan 2021	Feasibility Cost Report	Sharon Yap	Louise Butler	Sharon Yap
1	12 Jan 2021	Revised as per comments	Sharon Yap	Louise Butler	Sharon Yap

DISTRIBUTION

Company	Name	Sent via
Porter Consulting Engineers	Brad Harris	Email
Hodge Collard Preston Architects	James Cameron	Email

Table of Contents

1. EXECUTIVE SUMMARY

All amounts reported in this cost plan are excluding GST.

The purpose of this cost report is to provide a feasibility cost estimate for the proposed Lake Monger North Hockey Pitch and Carpark works (hereinafter "the Works").

The project consists of the following:

- A community clubhouse building with overall 529m2 floor area
- General earthworks, external pavement, carpark and verandah
- External services and connection – Currently priced as a provisional sum
- A synthetic turf hockey pitch

Based on the feasibility design documents, the estimated project cost is summarised below:

Item	Scope of Works	Total Cost (Ex-GST)	Area (m2)	Cost / m2 (Ex-GST)
1	Clubroom Building Works	$1,681,040	529	$3,178
2	External Works, Pavement and Carpark	$1,429,370	4,689	$305
3	External Services (ALL PROVISIONAL)	$731,390	4,689	$156
4	Hockey Field Works	$1,796,110	6,020	$298
5	**Sub-Total Estimated Trade Cost**	**$5,637,910**		
6	Builder's Prelim & Margin	$749,900		
7	**Total Estimated Construction Cost**	**$6,387,810**		
8	Professional Fees & Authority Charges	$547,900		
9	Contingency	$958,200		
10	Escalation	Excluded		
11	**Total Project Cost (Ex-GST)**	**$7,920,910**		

A detailed breakdown is attached in this report as Appendix A.

2. BASIS OF ESTIMATE

2.1 Information

The Feasibility Cost Estimate has been prepared based on the documents listed below:

- Concept drainage overall layout plan 401 Rev A dated 17/12/2020 by Porter Consulting Engineers (PCE)
- Standard Details 600 Rev A dated 17/12/2020 by PCE
- Hockey Turf and Carpark Layout 801 Rev C dated 11/01/2021 by PCE
- Concept Site Plan SK02 dated 21/12/2020 by Hodge Collard Preston Architects (HCP)
- Concept Floor Plan SK03 dated 21/12/2020 by HCP
- Geotech Report dated 23/11/2020 from Douglas Partners
- Comments received from PCE & HCP dated 11/01/2021 and 12/11/2021

2.2 Assumptions and Allowances

Whilst compiling this report, AG has made the following assumptions:

a. $30k Provisional allowance is included for Loose Furniture
b. $20k Provisional allowance is included for AV Equipment
c. $100k Provisional allowance is included for Kitchen Equipment and Stainless-Steel Benches
d. $20k Provisional allowance is included for Coolroom
e. Except Stormwater Drainage, all external services are priced as a Provisional Sum including:
    - External Fire Services @ $60,000
    - External Water Services @ $50,000
    - External Sewer Services @ $125,000
    - External Gas Services @ $20,000
    - External Lighting & Electrical Services @ $200,000
    - Headworks @ $200,000

f. 7.5% Professional Fee on total trade cost and preliminaries
g. 10% Design Contingency and 5% Construction Contingency

2.3 Exclusions

Below is a list of the exclusions:

a. GST
b. Public Art
c. Hazardous materials removal
d. Principal cost
e. Escalation
f. Works outside boundaries

3. APPENDIX A

3.1 Cost Plan Summary and Breakdown

Cost Plan Summary

AltusGroup

Project:	Hodge Collard Preston	**Details:**	210112_FEASIBILITY COST PLAN (R1)
Building:	Cambridge Hockey Field (MY)		

Auto code	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	Clubroom Building Works	529	m2	3,178	1,681,040		1,681,040
2	External Works, Pavement and Carpark	4,689	m2	305	1,429,370		1,429,370
3	External Services (ALL PROVISIONAL)	4,689	m2	156	731,390		731,390
4	Hockey Field Works	6,020	m2	298	1,796,110		1,796,110
	Sub-Total Estimated Trade Cost	**10,709**	**m2**	**526**	**5,637,910**		**5,637,910**
5	Builder's Prelim and Margin	10,709	m2	70	749,900		749,900
	Total Estimated Construction Cost	**10,709**	**m2**	**596**	**6,387,810**		**6,387,810**
6	Professional Fee & Authority Charges	10,709	m2	54	574,900		574,900
7	Contingency	10,709	m2	89	958,200		958,200
	Total Estimated Project Cost	**10,709**	**m2**	**740**	**7,920,910**		**7,920,910**
	EXCLUSION						
8	1. GST						
9	2. Public Art						
10	3. Hazardous materials removal						
11	4. Principal cost						
12	5. Escalation						
13	6. Works outside boundaries						

Project: Hodge Collard Preston
Building: Cambridge Hockey Field (MY)
Details: 210112_FEASIBILITY COST PLAN (R1)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						
1.1	**Substructure**						
	Foundation						
1.1.1	Allowance for screw piling and footing including excavation, reinforced concrete, formwork and reinforcement				0		0
1.1.2	Underneath building footprint	529	m2	150.00	79,350		79,350
	Reinforced Concrete Slab						
1.1.3	Excavation to slab 100mm thick	61	m3	30.00	1,830		1,830
1.1.4	Concrete slab and thickening	58	m3	275.00	15,950		15,950
1.1.5	Formwork sides to slab and edge thickening	115	m	40.00	4,600		4,600
1.1.6	Mesh SL72	529	m2	15.00	7,935		7,935
	Sundries						
1.1.7	Moisture barrier	529	m2	7.00	3,703		3,703
1.1.8	Termite treatment	529	m2	30.00	15,870		15,870
1.1.9	See External work for bulk earthwork		Note				
1.1.10	See External work for verandah and external circulation pavement		Note				
1	**Substructure**						**129,238**
1.2	**Columns**						
	Columns						
1.2.1	Allowance for in-wall steel column	529	m2	60.00	31,740		31,740
2	**Columns**						**31,740**
1.3	**Upper Floor**						
1.3.1	Not applicable		Note				
3	**Upper Floor**						**0**
1.4	**Staircase**						
	Roof Access Stair		Note				
1.4.1	Roof access staircase	1	No	600.00	600		600
4	**Staircase**						**600**
1.5	**Roof**						
	Main Roofing - Measured Nett On PLan						
1.5.1	Allowance for roof structure - main roof	529	m2	170.00	89,930		89,930
1.5.2	Allowance for Custom Orb profile with Zincalume finish pitch roof covering including insulation	529	m2	65.00	34,385		34,385
1.5.3	Allowance for roof plumbing	529	m2	40.00	21,160		21,160

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.5	**Roof**						***(Continued)***
	Fall Prevention Roof Safety System						
1.5.4	Roof access system including roof anchor point and ladder point to comply Australian Standard	1	Sum	8,000.00	8,000		8,000
	Verandah Roofing - See External Pavement						
5	**Roof**						**153,475**
1.6	**External Wall**						
	Masonry Wall						
1.6.1	Cavity wall including Feature facebrickwall to external leaf, insulation, damp proof membrane, utility brickwall to internal leaf in selected mortar	278	m2	286.00	79,507		79,507
1.6.2	Reversed veneer cavity wall comprising 90 cavity, 90mm thick Verticlay brickwork and insulation (Lightweight cladding measured separately)	N/A	m2	152.00	0		0
1.6.3	EO. for laying to pattern (allowed 30% of Masonry wall Area)	83	m2	50.00	4,170		4,170
	Fibre Cement Board Cladding						
1.6.4	Prefinished fibre cement board cladding including insulation above glass wall	39	m2	360.00	14,040		14,040
	Glass Wall						
1.6.5	150mm commercial grade powder coated aluminium framing glazed wall including coloured back glass	102	m2	650.00	66,300		66,300
	External Soffit Lining						
1.6.6	Refer Ceiling		Note				
	RETAINING WALL						
	Linemstone Block Retaining Wall						
1.6.7	Limestone block retaining wall (assumed to perimeter of building at 1m high)	120	m2	350.00	42,000		42,000
6	**External Wall**						**206,017**
1.7	**External Door**						
	Timber Solid Door						
1.7.1	External grade single solid door ; size 2400mmH 920mmW	11	No	1,520.00	16,720		16,720
1.7.2	Allowance for door signage	11	No	150.00	1,650		1,650

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.7	**External Door**						***(Continued)***
1.7.3	Allowance for access control - Included in Electrical	INCL	No	3,000.00	0		0
	Metal Door						
1.7.4	Colorbond clad double door 2450mmH x 2780mmW	1	No	1,850.00	1,850		1,850
1.7.5	Allowance for door signage	1	No	150.00	150		150
	Glass Door						
1.7.6	Glazed hinged door, powdercoat aluminium frame, double glass door including hardware and motive; overall size 2000mm wide x 3040mm high	3	No	3,480.00	10,440		10,440
1.7.7	Allowance for door signage	3	No	150.00	450		450
1.7.8	Allowance for access control - Included in Electrical	INCL	No	3,000.00	0		0
	Zincalumne Roller Door						
1.7.9	Zincalume roller door including hardware; manual operated; overall size 4100mm wide x 2700mm high	1	No	3,870.00	3,870		3,870
1.7.10	Manual operated roller shutters to servery; 2170mm wide x 1450mm high	1	No	1,400.00	1,400		1,400
1.7.11	Allowance for door signage	2	No	150.00	300		300
	Stainless Steel Screen - Crime Safe						
1.7.12	Stainless Steel powder coated security screen fixed within glazed bead including framing	21	m2	380.00	7,980		7,980
7	**External Door**						**44,810**
1.8	**Window**						
	External Glazing						
1.8.1	Aluminium frame window	15	m2	550.00	8,250		8,250
8	**Window**						**8,250**
1.9	**Internal Screen and Borrow Light**						
	Toilet & Shower Partition						
1.9.1	Floor mounted laminated toilet partitions including door and hardware	10	No	1,300.00	13,000		13,000

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.9	**Internal Screen and Borrow Light**						***(Continued)***
1.9.2	Floor mounted laminated shower partitions including built-in bench, hook, door and hardware	10	No	1,750.00	17,500		17,500
9	**Internal Screen and Borrow Light**						**30,500**
1.10	**Internal Wall**						
	Masonry Wall						
1.10.1	250mm wide internal cavity wall with hardwall plaster to both sides including wall tie	37	m2	175.00	6,475		6,475
1.10.2	90mm wide brickwork to recieve hard wall plaster both sides	489	m2	130.00	63,570		63,570
10	**Internal Wall**						**70,045**
1.11	**Internal Door**						
	GLAZED DOOR						
1.11.1	Double glazed hinged door, powdercoat aluminium frame, 3086mmH	1	No	3,329.90	3,330		3,330
	TIMBER DOOR						
1.11.2	Solid core single timber door, pressed metal frame, paint finish, 2100mm H	8	No	1,913.00	15,304		15,304
1.11.3	Solid core double timber door, pressed metal frame, paint finish, 2100mm H	1	No	3,129.90	3,130		3,130
1.11.4	Solid core timber door with viewing window, double swing, pressed metal slider frame, paint finish all, 2400mm H	1	No	2,013.00	2,013		2,013
	ROLLER DOORS						
1.11.5	Powdercoat aluminium roller shutter, manual operated; 2180mm wide x 1450mm high	1	No	1,400.00	1,400		1,400
11	**Internal Door**						**25,177**
1.12	**Wall Finishes**						
	Non-Resilient Finishes						
1.12.1	White gloss ceramic wall tiles; 300x600, assumed full height at 2300mm high (UAT, TOILET & UMPIRE)	271	m2	130.00	35,230		35,230
1.12.2	White gloss ceramic wall tiles to kitchen, 300x600	53	m2	130.00	6,890		6,890
1.12.3	White gloss ceramic splashback wall tile to behind handwash basin (FIRST AID & CLEANER)	5	m2	130.00	650		650
	Painting						

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.12	**Wall Finishes**						***(Continued)***
1.12.4	Dulex terrace white SN4F1 low sheen acrylic paint to hardwall plaster	721	m2	12.00	8,652		8,652
12	**Wall Finishes**						**51,422**
1.13	**Floor Finishes**						
	Non-Resilient Finishes						
1.13.1	Non slip fully vertified ceramic floor tiles, 300x300	169	m2	135.00	22,815		22,815
1.13.2	Epoxy floor sealer to stores, display, ducts and bin store	39	m2	60.00	2,340		2,340
1.13.3	Concrete sealer, light broom finished to external stores	59	m2	25.00	1,475		1,475
1.13.4	Skirting tile non slip fully vertifiied ceramic tiles 300x150	198	m	55.00	10,890		10,890
	Carpet						
1.13.5	Carpet tiles (FUNCTION)	180	m2	60.00	10,800		10,800
1.13.6	Paint finish MDF skirting 150mm high	45	m	45.00	2,025		2,025
	Vinyl						
1.13.7	Vinyl sheet safety flooring to first aid, kitchen and kitchen store	46	m2	95.00	4,370		4,370
1.13.8	Allowance for coved skirting 150mm high	45	m	35.00	1,575		1,575
	Entrance Mats						
1.13.9	Allowance for entrance mat main entrance, first aid and foyer	4	No	1,250.00	5,000		5,000
13	**Floor Finishes**						**61,290**
1.14	**Ceiling Finishes**						
	Internal						
1.14.1	Suspended flush perforated acoustic plasterboard	127	m2	110.00	13,970		13,970
1.14.2	Suspended flush high moisture resistent plasterboard ceiling including painting	199	m2	110.00	21,890		21,890
1.14.3	Suspended flush plasterboard ceiling including painting	143	m2	100.00	14,300		14,300
1.14.4	Suspended flush plasterboard bulkhead 500mmH	51	m	70.00	3,570		3,570
1.14.5	Allowance for insulation	469	m2	15.00	7,035		7,035
1.14.6	Allowance for access panel	8	No	350.00	2,800		2,800

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.14	**Ceiling Finishes**						***(Continued)***
1.14.7	Bare finish to bin store and duct		Note				
	External						
1.14.8	Prefinished CFC soffit lining	214	m2	150.00	32,100		32,100
14	**Ceiling Finishes**						**95,665**
1.15	**Built-In Joinery Works and Fittings**						
	Sanitary Fitments						
1.15.1	Public Female						
1.15.2	TRH -Toilet roll holder	3	No	50.00	150		150
1.15.3	SD - Soap dispenser	2	No	65.00	130		130
1.15.4	PT1 - Paper Towel dispenser	1	No	500.00	500		500
1.15.5	HD - Hand dryer	2	No	1,500.00	3,000		3,000
1.15.6	M - Mirror	2	No	1,500.00	3,000		3,000
1.15.7	GR - Grabrail set	2	No	150.00	300		300
1.15.8	CH - Coat hook	3	No	35.00	105		105
1.15.9	BCT - Baby change table	1	No	500.00	500		500
1.15.10	Public Male						
1.15.11	TRH -Toilet roll holder	1	No	50.00	50		50
1.15.12	SD - Soap dispenser	1	No	65.00	65		65
1.15.13	PT1 - Paper Towel dispenser	1	No	500.00	500		500
1.15.14	HD - Hand dryer	2	No	1,500.00	3,000		3,000
1.15.15	M - Mirror	2	No	1,500.00	3,000		3,000
1.15.16	GR - Grabrail set	2	No	150.00	300		300
1.15.17	CH - Coat hook	1	No	35.00	35		35
1.15.18	Public UAT						
1.15.19	TRH -Toilet roll holder	1	No	50.00	50		50
1.15.20	SD - Soap dispenser	1	No	65.00	65		65
1.15.21	HD - Hand dryer	1	No	1,500.00	1,500		1,500
1.15.22	M - Mirror	1	No	1,500.00	1,500		1,500
1.15.23	GR - Grabrail set	2	No	150.00	300		300
1.15.24	CH - Coat hook	1	No	35.00	35		35
1.15.25	BR - Cistern Backrest	1	No	300.00	300		300

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.15	**Built-In Joinery Works and Fittings**						***(Continued)***
1.15.26							0
1.15.27	Change Room 1						
1.15.28	TRH -Toilet roll holder	2	No	50.00	100		100
1.15.29	SD - Soap dispenser	4	No	65.00	260		260
1.15.30	PT1 - Paper Towel dispenser	2	No	500.00	1,000		1,000
1.15.31	HD - Hand dryer	2	No	1,500.00	3,000		3,000
1.15.32	M - Mirror	4	No	1,500.00	6,000		6,000
1.15.33	GR - Grabrail set	2	No	150.00	300		300
1.15.34	CH - Coat hook	6	No	35.00	210		210
1.15.35	Change Room 2						
1.15.36	TRH -Toilet roll holder	2	No	50.00	100		100
1.15.37	SD - Soap dispenser	4	No	65.00	260		260
1.15.38	PT1 - Paper Towel dispenser	2	No	500.00	1,000		1,000
1.15.39	HD - Hand dryer	2	No	1,500.00	3,000		3,000
1.15.40	M - Mirror	4	No	1,500.00	6,000		6,000
1.15.41	GR - Grabrail set	2	No	150.00	300		300
1.15.42	CH - Coat hook	6	No	35.00	210		210
1.15.43	Change 3						0
1.15.44	TRH - Toilet roll holder	1	No	50.00	50		50
1.15.45	SD - Soap dispenser	1	No	65.00	65		65
1.15.46	PT2 - Paper Towel dispenser (2 part unit)	1	No	500.00	500		500
1.15.47	M - Mirror	1	No	1,500.00	1,500		1,500
1.15.48	GR - Grabrail set	3	No	150.00	450		450
1.15.49	CH - Coat hook	1	No	35.00	35		35
1.15.50	Shower room soap dispenser	1	No	250.00	250		250
1.15.51	CR - Curtain and Curtain Track	1	No	200.00	200		200
1.15.52	BR - Back rest	1	No	300.00	300		300
1.15.53	FS - Folding Seat	1	No	400.00	400		400
1.15.54	Umpire x 2						
1.15.55	TRH - Toilet roll holder	2	No	50.00	100		100
1.15.56	SD - Soap dispenser	2	No	65.00	130		130

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.15	**Built-In Joinery Works and Fittings**						***(Continued)***
1.15.57	PT1 - Paper Towel dispenser	2	No	500.00	1,000		1,000
1.15.58	HD - Hand Dryer	2	No	1,500.00	3,000		3,000
1.15.59	M - Mirror	2	No	1,500.00	3,000		3,000
1.15.60	GR - Grabrail set	6	No	150.00	900		900
1.15.61	CH - Coat hook	4	No	35.00	140		140
	Built in joinery and fittings						
1.15.62	FIRST AID ROOM						
1.15.63	Built in bench capinetry with laminex counter top, laminex cupboard doors, laminex kickboard, carcass interior & shelving in white melamine; overal size 900Hx600W	3	m	1,050.00	2,877		2,877
1.15.64	Over head cabinetry with laminex cupboard doors and carcass interior & shelving in white melamine; overall size 600x450	3	m	950.00	2,603		2,603
1.15.65	FUNCTION SPACE						
1.15.66	Built in display shelving overall 1800mm high	5	m	1,100.00	5,357		5,357
1.15.67	KITCHEN KIOSK						
1.15.68	See kitchen equipment		Note				0
1.15.69	KITCHEN STORE						
1.15.70	Built in kitchen store cabinet / cupboard; 1800mm high	7	m	650.00	4,628		4,628
1.15.71	CHANGE ROOM 1						
1.15.72	Allowance for timber slat seat in changeroom 400mm wide 450mm high, including clothes hook rail hook at 500 centres	20	m	315.00	6,350		6,350
1.15.73	CHANGE ROOM 2						
1.15.74	Allowance for timber slat seat in changeroom 400mm wide 450mm high, including clothes hook rail hook at 500 centres	20	m	315.00	6,350		6,350
1.15.75	UMPIRE						

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.15	**Built-In Joinery Works and Fittings**						***(Continued)***
1.15.76	Allowance for timber slat seat in Umpire changeroom 400mm wide 450mm high, including clothes hook rail hook at 500 centres	2	m	315.00	630		630
1.15.77	CLEANER STORE						
1.15.78	Mop and broom rack, 1200mm long x 120mm high	1	No	500.00	500		500
	Fire Extinguishers						
1.15.79	Allowance for fire extinguishers and blankets (Provisional)	1	Sum	600.00	600		600
	Signage						
1.15.80	Allowance for Statutory Signage	1	Sum	3,000.00	3,000		3,000
15	**Built-In Joinery Works and Fittings**						**85,041**
1.16	**Loose Furniture and Equipment**						
	Provisional Sum						
1.16.1	Allowance for loose Furniture	1	Sum	30,000.00	30,000		30,000
1.16.2	Allowance for AV Equipment	1	Sum	20,000.00	20,000		20,000
16	**Loose Furniture and Equipment**						**50,000**
1.17	**Kitchen Equipment & Coldroom**						
	Allowance for Kitchen Benches and Kitchen Equipment		Note				
1.17.1	Kitchen benches and equipment	1	Sum	100,000.00	100,000		100,000
1.17.2	Allowance for coolroom	1	Sum	20,000.00	20,000		20,000
17	**Kitchen Equipment & Coldroom**						**120,000**
1.18	**Hydraulics Services**						
	Hydraulic Services						
1.18.1	Allowance for hydraulic sanitaryware, tapware, hot and cold water and plumbing	1	Sum	183,350.00	183,350		183,350
1.18.2	Allowance for grease trap and pipework reticulation	1	Sum	20,000.00	20,000		20,000
18	**Hydraulics Services**						**203,350**
1.19	**Electrical Services**						
	Electrical Services						
1.19.1	Allowance for electrical services	506	m2	320.00	161,920		161,920
	Notes:						

Project: Hodge Collard Preston | **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
1	**Clubroom Building Works**						***(Continued)***
1.19	**Electrical Services**						***(Continued)***
1.19.2	Acccess control included in Door Element						
19	**Electrical Services**						**161,920**
1.20	**Mechanical Services**						
	Mechanical Services						
1.20.1	Allowance for mechancial services including air-conditioning, ventilationa and kitchen exhanust	506	m2	300.00	151,800		151,800
20	**Mechanical Services**						**151,800**
1	**Clubroom Building Works**						**1,680,339**

Project:	Hodge Collard Preston	**Details:**	210112_FEASIBILITY COST PLAN (R1)
Building:	Cambridge Hockey Field (MY)		

2 External Works, Pavement and Carpark

2.1 Site Preparation and Earthwork

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
	SITE CLEARANCE						
2.1.1	Clearing the site, including trees not exceeding 500 girth complete with stumps and roots; breaking out bitumen, concrete and gravel surfaces, concrete kerbs and taking down and breaking out footings of incidental poles, posts and gates; all including disposal thereof as per Drg 20-11-173/800						
2.1.2	General site clearance	13,939	m2	7.50	104,543		104,543
2.1.3	Extra for removing drainage and retic system	4,284	m2	10.00	42,840		42,840
2.1.4	Extra for removing in-ground electrical and lighting system	6,563	m2	10.00	65,630		65,630
	EARTHWORKS						
2.1.5	Remove and disposal of existing topsoil						
2.1.6	Clubroom Building Works	719	m2	15.00	10,785		10,785
2.1.7	External verandah and circulation	1,326	m3	15.00	19,890		19,890
2.1.8	Carpark	3,115	m3	15.00	46,725		46,725
2.1.9	Cleanfill with approved materials to design RL						
2.1.10	Clubroom, verandah and surrounding circulation; overall 1050mm deep	2,147	m3	30.00	64,410		64,410
2.1.11	Hockey field; 100mm thick	602	m3	30.00	18,060		18,060
2.1.12	Rapid impact compaction (Based on Rapid Impact Compaction Australia estimate cost)						
2.1.13	Hockey field, club house and carpark footprint	1	Item	165,000.00	165,000		165,000
1	**Site Preparation and Earthwork**						**537,883**

2.2 External Verandah Pavement, Ramp and Spectator Seating

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
	Foundation						
2.2.1	Allowance for screw piling and footing including excavation, reinforced concrete, formwork and reinforcement				0		0
2.2.2	Underneath verandah and external circulation pavement	891	m2	150.00	133,650		133,650
	Verandah Pavement & Ramp						
2.2.3	External concrete pavement - assumed exposed agreegate	891	m2	150.00	133,650		133,650
2.2.4	Extra to ramp	46	m2	175.00	8,050		8,050
2.2.5	Extra to steps	19	m2	200.00	3,800		3,800

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
2	**External Works, Pavement and Carpark**						***(Continued)***
2.2	**External Verandah Pavement, Ramp and Spectator Seating**						***(Continued)***
2.2.6	Tactile Indicator - External grade	25	m2	600.00	15,000		15,000
2.2.7	SS Handrail fixed to ramp wall	43	m	225.00	9,675		9,675
2.2.8	SS balustrade to steps	18	m	600.00	10,800		10,800
	Verandah Roof						
2.2.9	Allowance for roof structure - Verandah	224	m2	165.00	36,960		36,960
2.2.10	Allowance for Custom Orb profile with Zincalume finish pitch roof covering including insulation	224	m2	60.00	13,440		13,440
2.2.11	Allowance for roof plumbing	224	m2	40.00	8,960		8,960
	Footpath Diversion						
2.2.12	3000mm wide footpath realign around new hockey pitch	250	m2	120.00	30,000		30,000
	Retaining wall to Ramp and External Circulation						
2.2.13	Strip footing to ramp retaining wall	71	m	120.00	8,520		8,520
2.2.14	Double facebrick ramp retaining wall	96	m2	280.00	26,880		26,880
2.2.15	Anti-grafitti (2 sides)	191	m2	20.00	3,820		3,820
	Spectactor Tier Seating						
2.2.16	Limestone block to form tier seat	215	m	295.00	63,425		63,425
2.2.17	Side steps	14	m2	900.00	12,600		12,600
2.2.18	SS Balustrade	5	m	600.00	3,000		3,000
	Planter box						
2.2.19	Allowance for planter box including planter box wall and finishes	136	m2	250.00	34,000		34,000
2.2.20	Floor mounted bike rack (PROVISIONAL)	5	No	500.00	2,500		2,500
2	**External Verandah Pavement, Ramp and Spectator Seating**						**558,730**
2.3	**Carpark pavement**						
	Carpark Pavement						
2.3.1	Asphalt Pavement						
2.3.2	200mm thick crushed limestone sub-base	2,914	m2	15.00	43,710		43,710
2.3.3	100mm thick roadbase	2,914	m2	10.00	29,140		29,140
2.3.4	30mm thick AC10 asphalt and primer seal	2,914	m2	20.00	58,280		58,280
2.3.5	Tensar geogrid at subgrade level (Provisional Item)	2,914	m2	10.00	29,140		29,140
2.3.6	Kerbing, Line Marking, Wheel Stop and Bollard						
2.3.7	Insitu concrete kerb	438	m	75.00	32,850		32,850

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
2	**External Works, Pavement and Carpark**						***(Continued)***
2.3	**Carpark pavement**						***(Continued)***
2.3.8	Insitu-concrete island	201	m2	150.00	30,150		30,150
2.3.9	Pre-cast concrete wheel stop	122	No	100.00	12,200		12,200
2.3.10	Line marking	633	m	7.00	4,430		4,430
2.3.11	Disable bay (PROVISIONAL)	4	No	250.00	1,000		1,000
2.3.12	Diagonal Hatch bay (PROVISIONAL)	1	No	350.00	350		350
2.3.13	Directional arrow	10	No	250.00	2,500		2,500
2.3.14	Pram crossing	3	No	2,000.00	6,000		6,000
2.3.15	Cross over to main road	1	Item	3,000.00	3,000		3,000
3	**Carpark pavement**						**252,750**
2.4	**Soft landscape**						
2.4.1	Allowance for Soft Landscaping and irrigation to building and carpark (PROVISIONAL)	1	Sum	80,000.00	80,000		80,000
4	**Soft landscape**						**80,000**
2	**External Works, Pavement and Carpark**						**1,429,363**

Cost Plan Details Breakdown

AltusGroup

Project:	Hodge Collard Preston	**Details:**	210112_FEASIBILITY COST PLAN (R1)
Building:	Cambridge Hockey Field (MY)		

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
3	**External Services (ALL PROVISIONAL)**						
3.1	**External Stormwater Drainage**						
	Carpark Drainage						
3.1.1	Precast reinforced concrete soakwell including excavation, backfilling, removing surplus excavated material, finishes, covers and frames, benching, haunching, step irons as required and connections of all inlet and outlet pipes						
3.1.2	Precast Concrete soakwell 1200 dia - 2400 total depth;	13	No	2,250.00	29,250		29,250
3.1.3	Gully pit and grating	2	No	1,200.00	2,400		2,400
3.1.4	100 diameter drainage pipe	452	m	80.00	36,160		36,160
3.1.5	Allowance for drainage swale	429	m2	20.00	8,580		8,580
1	**External Stormwater Drainage**						**76,390**
3.2	**External Fire Services**						
3.2.1	Allowance for external fire services, hydrant and pipework (PROVISIONAL)	1	Sum	60,000.00	60,000		60,000
2	**External Fire Services**						**60,000**
3.3	**External Water Services**						
	Allowance for external water services, sub-meters, pipeworks and RZPD	1	Sum	50,000.00	50,000		50,000
3	**External Water Services**						**50,000**
3.4	**External Sewer Services**						
3.4.1	Allowance for external sewer services pipework, pump station, rising main, inspection chamber and reticulation (PROVISIONAL)	1	Sum	125,000.00	125,000		125,000
4	**External Sewer Services**						**125,000**
3.5	**EXternal Gas Services**						
3.5.1	Allowance for external gas services and connection (PROVISIONAL)	1	Sum	20,000.00	20,000		20,000
5	**EXternal Gas Services**						**20,000**
3.6	**External Lighting and Electrical Services**						
3.6.1	Allowance for external lighting and electrical services including site main switch board, carpark lighting, external lighting, underground conduit and cabling	1	Sum	200,000.00	200,000		200,000
6	**External Lighting and Electrical Services**						**200,000**
3.7	**Headworks**						
3.7.1	Allowance for headworks	1	Sum	200,000.00	200,000		200,000
7	**Headworks**						**200,000**
3	**External Services (ALL PROVISIONAL)**						**731,390**

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
4	**Hockey Field Works**						
4.1	**Hockey Turf and Irrigation**						
	Turf preparation						
4.1.1	Refer Site Prepratation		Note		0		0
	Turf Pavement						
4.1.2	Tensar geogrid at subgrade level	6,020	m2	10.00	60,198		60,198
4.1.3	200mm thick crushed limestone sub-base	6,020	m2	15.00	90,300		90,300
4.1.4	30mm thick AC10 asphalt and primer seal	6,020	m2	20.00	120,400		120,400
4.1.5	10mm thick insitu shockpad	6,020	m2	20.00	120,396		120,396
4.1.6	Allowance for Synthetic Turf	6,020	m2	55.00	331,088		331,088
	Irrigation						
4.1.7	Allowance for irrigation	6,020	m2	20.00	120,400		120,400
4.1.8	Allowance for borehole	1	No	25,000.00	25,000		25,000
4.1.9	Allowance for bore pumps	1	No.	20,000.00	20,000		20,000
4.1.10	Allowance for electrical cubicle	1	No.	20,000.00	20,000		20,000
4.1.11	Allowance for iron filtration system	1	No.	70,000.00	70,000		70,000
4.1.12	Allowance for cannons spaced around hocket pitch	8	No	1,250.00	10,000		10,000
4.1.13	Allowance for pipeworks	45	m	125.00	5,640		5,640
4.1.14	Allowance for 90kL water tank	1	Sum	30,000.00	30,000		30,000
1	**Hockey Turf and Irrigation**						**1,023,422**
4.2	**Perimeter Fence, Rebound Wall and Ancilliaries**						
	Perimeter Fencing						
4.2.1	7000mm high chainmesh with full perimeter frame	333	m	315.00	104,914		104,914
	Rebound Wall						
4.2.2	700mm high rebound wall including footing	189	m2	250.00	47,250		47,250
4.2.3	Perimeter edge concrete footing	71	m3	275.00	19,525		19,525
4.2.4	Formwork of sides of perimeter edge concrete footing	189	m2	40.00	7,560		7,560
4.2.5	Extra over for forming gutter channel recess; 200mm wide x 250mm high	269	m	45.00	12,105		12,105
4.2.6	750 wide 8TM mesh to perimeter edge concrete footing	269	m	25.00	6,725		6,725

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)

Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
4	**Hockey Field Works**						***(Continued)***
4.2	**Perimeter Fence, Rebound Wall and Ancilliaries**						***(Continued)***
	Seating						
4.2.7	Tiered seating under External Work		Note				
	Storage						
4.2.8	Goal storage (uncovered)	2	No	3,500.00	7,000		7,000
4.2.9	Sweeper store	1	No	5,000.00	5,000		5,000
4.2.10	Concrete infill; 100 thick	13	m3	275.00	3,575		3,575
4.2.11	Removable grated cover across opening; 200 wide	20	m	155.00	3,026		3,026
	Dugout Shelter						
4.2.12	Allowancce for dugout shelter	2	No	50,000.00	100,000		100,000
4.2.13	Technical box	1	No	20,000.00	20,000		20,000
	Goals						
4.2.14	Goals posts and netting	4	No	6,500.00	26,000		26,000
	Score Board						
4.2.15	Electronic score board	1	No	10,000.00	10,000		10,000
2	**Perimeter Fence, Rebound Wall and Ancilliaries**						**372,680**
4.3	**Field Lighting**						
4.3.1	Allowance for field lighting						
4.3.2	8 x 20m tower LED lighting	8	No	50,000.00	400,000		400,000
3	**Field Lighting**						**400,000**
4	**Hockey Field Works**						**1,796,102**

Project:	Hodge Collard Preston	**Details:**	210112_FEASIBILITY COST PLAN (R1)
Building:	Cambridge Hockey Field (MY)		

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
5	**Builder's Prelim and Margin**						
5.1	**Builder's Preliminaries**						
5.1.1	Builder's Preliminaries	10	%	5,637,892.15	563,800		563,800
1	**Builder's Preliminaries**						**563,800**
5.2	**Builder's Margin**						
5.2.1	Builder's Margin	3	%	6,201,692.15	186,100		186,100
2	**Builder's Margin**						**186,100**
5	**Builder's Prelim and Margin**						**749,900**

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
6	**Professional Fee & Authority Charges**						
6.1	**Professional Fees**						
6.1.1	Allowance for professional fees (Based on 7.5% of total Construction Cost)	7.5	%	6,387,810.00	479,100		479,100
1	**Professional Fees**						**479,100**
6.2	**Authority Charges**						
6.2.1	Allowance for authority charges; DA fee etc (Based on 1.5% of total Construction Cost)	1.5	%	6,387,810.00	95,800		95,800
2	**Authority Charges**						**95,800**
6	**Professional Fee & Authority Charges**						**574,900**

Project: Hodge Collard Preston **Details:** 210112_FEASIBILITY COST PLAN (R1)
Building: Cambridge Hockey Field (MY)

Autocode	Description	Quantity	Unit	Rate	Subtotal	Factor	Total
7	**Contingency**						
7.1	**Design Contingency**						
7.1.1	Allowance for design contingency	10.0	%	6,387,810.00	638,800		638,800
1	**Design Contingency**						**638,800**
7.2	**Construction Contingency**						
7.2.1	Allowance for construction contingency	5.0	%	6,387,810.00	319,400		319,400
2	**Construction Contingency**						**319,400**
7	**Contingency**						**958,200**

Town of Cambridge

COMMUNITY AND RESOURCES COMMITTEE MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.6

PAYMENT OF ACCOUNTS
DECEMBER 2020 AND JANUARY 2021

Payments Issued Listing Week Ending				31 December 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
058942	21/12/2020	100081	Town Of Cambridge	Petty Cash Reimbursement - Admin	$550.00
058943	24/12/2020	999999	BD Lewis	Refund building services levy fees	$110.00
058944	24/12/2020	999999	BD Lewis	Refund building services levy fees	$23.00
058945	24/12/2020	999999	Claire L Bellamy	Refund animal registration fee	$150.00
058946	24/12/2020	999999	Juliana L Gavranich	Refund animal registration fee	$150.00
058947	24/12/2020	999999	Total Roofing Solutions WA Pty Ltd	Refund 89 Newry Street, Floreat	$700.00
058948	24/12/2020	999998	Dr J A Lindley	Refund of Rates	$157.35
058949	24/12/2020	100061	City of Gosnells	Switch Your Thinking 2020/21 - Sustainability	$5,500.00
058950	24/12/2020	100718	Synergy	Utilities charges various locations Oct - Nov 2020	$6,570.84
058951			Void Cheque		
058952	24/12/2020	100074	Telstra	Telephone charges Dec 2020 - Jan 2021 various numbers	$2,866.50
058953	24/12/2020	100081	Town Of Cambridge	Petty Cash Reimbursement - Admin	$364.30
058954	24/12/2020	100308	Water Corporation	Utilities charges various locations Oct - Nov 2020	$431.69
058955	24/12/2020	101606	Wembley Primary School	Refund payment received paid to Town in error	$9,656.00
058956	24/12/2020	100081	Town Of Cambridge	Petty Cash Reimbursement - Depot	$199.90
058957	24/12/2020	100081	Town Of Cambridge	Gift Vouchers - "Shop Small to Win" - Planning	$750.00
058958	24/12/2020	100081	Town Of Cambridge	Gift Vouchers - "Shop Small to Win" - Planning	$750.00
058959	24/12/2020	100081	Town Of Cambridge	Gift Vouchers - "Shop Small to Win" - Planning	$1,000.00
				Sub Total	**$29,929.58**

Payments Issued Listing Week Ending				18 December 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
058920	18/12/2020	999999	Aintree Holdings Pty Ltd t/a Beaumonde	Bond refund - 28 Gayton Road City Beach	$1,500.00
058921	18/12/2020	999999	Cambridge Homes WA Pty Ltd	Bond refund - 19A Reserve Street Wembley	$1,500.00
058922	18/12/2020	999999	City Beach Green Range Cricket Club	2020/21 Community Organisation Support Grant	$390.00
058923	18/12/2020	999999	Hallmark Development WA Pty Ltd	Bond refund - 4 Aruma Way City Beach	$700.00
058924	18/12/2020	999999	Hanssen Pty Ltd	Bond refund - 172 Railway Parade West Leederville	$5,000.00
058925	18/12/2020	999999	Isaac Le Shin Oh	Winner "Cambridge Short Film Festival" - Community Development	$1,000.00
058926	18/12/2020	999999	A R Bartley	Bond refund - 18 Bath Street Wembley	$700.00
058927	18/12/2020	999999	B F Kinneen	Bond refund - 90 Alderbury Street Floreat	$1,000.00
058928	18/12/2020	999999	D Jarrott	Bond refund - 3 Benwee Road Floreat	$700.00
058929	18/12/2020	999999	R A Downie	Crossover contribution refund	$865.80
058930	18/12/2020	999999	RJ Y Chee	Bond refund - 11 Ferndale Street Floreat	$700.00
058931	18/12/2020	999999	T A Joyce	Crossover contribution refund	$710.40
058932	18/12/2020	999999	M J Bray	Bond refund - 24 Peebles Road Floreat	$700.00
058933	18/12/2020	999999	S M Tassell	Bond refund - 32 St Columbas Avenue Wembley	$700.00
058934	18/12/2020	999999	Nick & Delvene Mercer	CCTV Partnership Program Subsidy	$500.00
058935	18/12/2020	999998	B F Hohenstein	Refund of rates	$44.89
058936	18/12/2020	999997	Urbane Projects Pty Ltd	Bond Interest Refund	$689.50
058937	18/12/2020	101711	Alzheimers Australia WA Ltd	Facilitate workshop dementia presentation - Senior Services	$1,320.00
058938	18/12/2020	105221	Floreat Netball Club	2020/21 Community Organisation Support Grant	$515.00
058939	18/12/2020	100718	Synergy	Utilities charges various locations Sept - Nov 2020	$1,961.78
058940	18/12/2020	100074	Telstra	Telephone charges various numbers Nov - Dec 2020	$118.99
058941	18/12/2020	102474	YouthCARE	Funding towards Chaplaincy Services	$5,000.00
				Sub Total	$26,316.36

Payments Issued Listing Week Ending				11 December 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
058902	10/12/2020	999999	David Garis	Refund Election candidate deposit	$80.00
058903			Cancelled Cheque		
058904	11/12/2020	999999	David Murray	Stock purchase - Library	$105.00
058905	11/12/2020	999999	ICS Australia Pty Ltd	Bond refund - 67 Tate Street West Leederville	$1,500.00
058906	11/12/2020	999999	Jeff Langridge	Refund overpayment parking fee	$5.50
058907	11/12/2020	999999	Kreations Pty Ltd	Bond refund - 264 Selby Street Wembley	$7,000.00
058908	11/12/2020	999999	B A Jones	Crossover contribution refund	$743.70
058909	11/12/2020	999999	G D Robson	Refund park access bond	$500.00
058910	11/12/2020	999999	Jayne L Poston-Robinson	Refund animal registration fee	$150.00
058911	11/12/2020	100128	Bold Park Aquatic Centre	Petty cash reimbursement	$419.90
058912	11/12/2020	100468	Cambridge Senior Services	Petty cash reimbursement	$458.30
058913	11/12/2020	100718	Synergy	Utility charges Sept - Nov 2020 various locations	$72,974.35
058914			Void Cheque		
058915	11/12/2020	100074	Telstra	Telephone charges Oct - Dec 2020 various numbers	$3,923.22
058916	11/12/2020	100081	Town Of Cambridge	Petty cash reimbursement - Admin	$433.25
058917	11/12/2020	100308	Water Corporation	Utility charges Sept - Nov 2020 various locations	$325.20
058918	11/12/2020	100081	Town Of Cambridge	Petty cash reimbursement - Library	$164.65
058919	11/12/2020	101753	Wembley Theatre Company	Community Organisation Support Grant	$605.00
				Sub Total	$89,388.07

Payments Issued Listing Week Ending				4 December 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
058879	3/12/2020	999999	Barnabas Singers	Donation re: "Roving Carols City Beach" - Community Development	$500.00
058880	3/12/2020	999999	Brine A T & Sons Pty Ltd	Bond refund - 8 Johnson Street Wembley	$1,500.00
058881	3/12/2020	999999	Gemma Ferguson	Refund animal registration fee	$90.00
058882	3/12/2020	999999	Harry George t/a Sketch One	Refund Building Services Levy	$5.00
058883	3/12/2020	999999	John Vladich	Reimbursement re: Golf Ball Damage - WGC	$550.00
058884	3/12/2020	999999	A D Tome	Bond refund - 40 Reserve Street Wembley	$700.00
058885	3/12/2020	999999	Susan L Andrews	Refund animal registration fee	$150.00
058886	3/12/2020	999999	April Pearman	Refund animal registration fee	$150.00
058887	3/12/2020	999999	C Bam	Bond refund - 4/19 Jon Sanders Drive Wembley	$700.00
058888	3/12/2020	999999	M Caroe	Crossover contribution refund	$610.50
058889	3/12/2020	999999	Plumbing Bros	CCTV Partnership Program Subsidy	$500.00
058890	3/12/2020	999998	Andrea C Tomassone	Refund of Rates	$481.08
058891	3/12/2020	999998	Margurite E De Burgh	Refund of Rates	$799.28
058892	3/12/2020	100468	Cambridge Senior Services - Petty Cash	Petty Cash Reimbursement	$142.50
058893	3/12/2020	102019	City Beach Teeball Club	Community Organisation Support Grant - Community Development	$2,000.00
058894	3/12/2020	100718	Synergy	Utility charges Oct - Nov 2020 various locations	$33,891.58
058895			Void Cheque		
058896	3/12/2020	100081	Town Of Cambridge	Petty Cash Reimbursement - Admin	$735.95
058897			Chq Cancelled		
058898	3/12/2020	102067	Wembley Athletic Club	Community Organisation Support Grant - Community Development	$1,485.00
058899	3/12/2020	104944	Wembley Netball Club	Community Organisation Support Grant - Community Development	$540.00
058900	3/12/2020	104406	West Coast Amateur Football Club	Community Organisation Support Grant - Community Development	$1,385.00
058901	3/12/2020	100308	Water Corporation	Utility charges Sept - Nov 2020 various locations	$5,289.71
				Sub Total	$52,205.60

Payments Issued Listing Week Ending				31 January 2021	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
059036	29/01/2021	999999	Imperial Pools	Bond refund - 14 Dilali Road City Beach	$700.00
059037	29/01/2021	999999	A J Campbell	Bond refund - 61A Keane Street Wembley	$1,500.00
059038	29/01/2021	999999	W D Harris	Bond refund - 493B Cambridge Street Floreat	$700.00
059039	29/01/2021	999999	Claire L Bellamy	Refund animal registration fee	$150.00
059040	29/01/2021	999999	D Xydas	Bond refund - 72 Meagher Drive Floreat	$5,000.00
059041	29/01/2021	999999	A McCarney	Bond refund - 5 Bourneville Street Floreat	$500.00
059042	29/01/2021	999999	J K Thompson	Bond refund - 109 Tower Street West Leederville	$700.00
059043	29/01/2021	999999	M L Robinson	Bond refund - 17 Truro Place City Beach	$5,000.00
059044	29/01/2021	999998	Commissioner of State Revenue	Refund of Rates	$352.15
059045	29/01/2021	100468	Cambridge Senior Services	Petty Cash Reimbursement	$151.50
059046	29/01/2021	101737	Sensis Pty Ltd	Digital advertising - TBC	$26.66
059047	29/01/2021	100718	Synergy	Utility charges various locations Dec 20 - Jan 21	$15,191.28
059048			Void Cheque		
059049	29/01/2021	100308	Water Corporation	Utility charges various locations Dec 20 - Jan 21	$22,232.21
059050			Void Cheque		
				Sub Total	$52,203.80

Payments Issued Listing Week Ending				22 January 2021	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
059005	22/01/2021	999999	Access Without Barriers Pty Ltd	Bond refund - 25 McCourt Street Subiaco	$1,500.00
059006	22/01/2021	999999	Diamond Valley Holidings t/a Premium Developments	Bond refund - 3 Templetonia Cres City Beach	$1,200.00
059007	22/01/2021	999999	Hawkins Building Co Pty Ltd	Bond refund - 16 Orana Crescent City Beach	$1,500.00
059008	22/01/2021	999999	Health Davies Development Pty Ltd t/a Jumeirah Homes	Bond refund - 4 Dampier Avenue City Beach	$1,200.00
059009	22/01/2021	999999	Michin & Sims Pty Ltd	Bond refund - 119 Blencowe Street West Leederville	$700.00
059010	22/01/2021	999999	A J Irving	Bond refund - 29 Newry Street Floreat	$700.00
059011	22/01/2021	999999	D J Tolcon	Bond refund - 43 Linden Gardens Floreat	$300.00
059012	22/01/2021	999999	Dougals J Smith	Refund animal registration fee	$75.00
059013	22/01/2021	999999	I N Ferguson	Bond refund - 6 Yaltara Road City Beach	$700.00
059014	22/01/2021	999999	J G Young	Bond refund - 75 Gregory Street Wembley	$700.00
059015	22/01/2021	999999	J G Young	Bond refund - 75 Gregory Street Wembley	$1,200.00
059016	22/01/2021	999999	R Di Toro	Bond refund - 109 St Leonards Ave West Leederville	$700.00
059017	22/01/2021	999999	R Di Toro	Bond refund - 109 St Leonards Ave West Leederville	$1,200.00
059018	22/01/2021	999999	W Grzech	Bond refund - 31 Carlton Street West Leederville	$700.00
059019	22/01/2021	999999	D E Alcock	Bond refund - 47 Dumfries Road Floreat	$700.00
059020	22/01/2021	999999	M Brauni	Bond refund - 3 Gali Lane City Beach	$700.00
059021	22/01/2021	999999	S Sharma	Bond refund - 71 Dampier Ave City Beach	$700.00
059022	22/01/2021	999999	J A Kerman	Bond refund - 93 Gregory Street Wembley	$700.00
059023	22/01/2021	999999	J M Johnston	Bond refund - 59 McKenzie Street Wembley	$700.00
059024	22/01/2021	999999	M J De Pierres	Bond refund - 40 Simper Street Wembley	$700.00
059025	22/01/2021	999999	Nexus Home Improvements Pty Ltd	Bond refund - 78 Holland Street Wembley	$700.00
059026	22/01/2021	999999	Scott Wilson Design Pty Ltd	Bond refund - 23 Branksome Gardens City Beach	$700.00
059027	22/01/2021	999999	Softwood Timberyard Pty Ltd t/a Patio Living	Bond refund - 31 Holland Street Wembley	$1,000.00
059028	22/01/2021	999998	Neil D Mitchell	Refund of Rates	$134.22
059029	22/01/2021	999998	Jimgyu Qiao	Refund of Rates	$2,098.69
059030	22/01/2021	105336	Perth Energy Pty Ltd	Utilities charges various locations Oct 20 - Jan 21	$578.24
059031	22/01/2021	100718	Synergy	Utilities charges various locations Dec 20 - Jan 21	$18,967.93
059032	22/01/2021	100074	Telstra	Utilities charges various locations Oct 20 - Feb 21	$3,446.53
059033	22/01/2021	102791	Town of Cambridge - Internal Applications	Occupancy Certificate for New Depot Sheds - WGC	$105.00
059034	22/01/2021	100308	Water Corporation	Utilities charges various locations Nov 20 - Jan 21	$12,762.83
059035			Void Cheque		
				Sub Total	$57,068.44

Payments Issued Listing Week Ending				15 January 2021	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
058978	15/01/2021	999999	Audhu Pty Ltd t/a Nuchange Building	Bond refund - 118 St Leonards Avenue West Leederville	$1,500.00
058979	15/01/2021	999999	Big Kid Events	Bond refund use Town facilities	$1,000.00
058980	15/01/2021	999999	Brewer Building Pty Ltd	Bond refund - 26 Tranmore Way City Beach	$1,500.00
058981	15/01/2021	999999	Dale Alcock Home Improvement	Bond refund - 8 Bellara Road City Beach	$1,500.00
058982	15/01/2021	999999	Dale Alcock Home Improvement	Bond refund - 5 Boscombe Ave City Beach	$700.00
058983	15/01/2021	999999	Dale Alcock Home Improvement	Bond refund - 5 Boscombe Ave City Beach	$1,503.00
058984	15/01/2021	999999	Empower Solar Perth	Bond refund - 50 Oxford Close West Leederville	$700.00
058985	15/01/2021	999999	Glen Connolly Builders	Bond refund - 2 Goonan Road City Beach	$700.00
058986	15/01/2021	999999	Green-Shore Builders Pty Ltd	Bond refund - 127 Holland Street Wembley	$1,500.00
058987	15/01/2021	999999	JFK Constructions Pty Ltd	Bond refund - 23 Tate Street West Leederville	$2,000.00
058988	15/01/2021	999999	Keegan Transport Pty Ltd	Park access bond refund	$500.00
058989	15/01/2021	999999	Millbrook Construction WA Pty Ltd	Bond refund - 25 Johnson Street Wembley	$1,500.00
058990	15/01/2021	999999	A S Borg	Bond refund - 39 Simper Street Wembley	$700.00
058991	15/01/2021	999999	M Kovac	Bond refund - 18 Gregory Street Wembley	$2,000.00
058992	15/01/2021	999999	S M Keers	Bond refund - 234 Salvado Road Floreat	$700.00
058993	15/01/2021	999999	Mulvay Pty Ltd t/a Mulvay Builders	Bond refund - 2 Palana Road City Beach	$700.00
058994	15/01/2021	999999	Mulvay Pty Ltd t/a Mulvay Builders	Bond refund - 2 Palana Road City Beach	$1,000.00
058995	15/01/2021	999999	Thomasz Developments	Bond refund - 57 Nanson Street Wembley	$1,500.00
058996	15/01/2021	999999	Weldon Construction	Bond refund - 4 Oceanic Drive Floreat	$700.00
058997	15/01/2021	999998	Western Australian Primary Principals	Refund of rates	$506.00
058998	15/01/2021	100002	Alinta	Utilities charges various locations Oct - Dec 2020	$217.25
058999	15/01/2021	100468	Cambridge Senior Services	Petty cash reimbursement	$472.80
059000	15/01/2021	100718	Synergy	Utilities charges various locations Oct 20 - Jan 21	$58,107.18
059001	15/01/2021	100074	Telstra	Telephone charges various numbers Nov 20 - Jan 21	$3,374.96
059002	15/01/2021	100172	The West Australian	Supply of newspaper - Admin	$148.81
059003	15/01/2021	100081	Town Of Cambridge	Petty cash reimbursement - Admin	$736.70
059004	15/01/2021	100308	Water Corporation	Utilities charges various locations Dec 20 - Feb 21	$817.46
				Sub Total	$86,284.16

Payments Issued Listing Week Ending				8 January 2021	
Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
058960	8/01/2021	999999	Chinmaya Mission Perth	Refund booking fee Town facility	$162.00
058961	8/01/2021	999999	Dale Alcock Homes Pty Ltd	Bond refund - 224 Salvado Road Floreat	$1,500.00
058962	8/01/2021	999999	Janine Roets	Reimbursement study assistance	$1,045.00
058963	8/01/2021	999999	Michael Keiller	Bond refund - 12 Palana Road City Beach	$700.00
058964	8/01/2021	999999	J F O'Sullivan	Bond refund - 33 Connolly Street Wembley	$700.00
058965	8/01/2021	999999	S M Tassell	Bond refund - 32 St Columbas Ave Wembley	$700.00
058966	8/01/2021	999999	Punguan Batak Perth	Refund booking fee Town facility	$207.00
058967	8/01/2021	999999	Roger Hughes	CCTV Partnership Program subsidy	$500.00
058968	8/01/2021	999999	Subiaco Floreat Cricket Club	Refund booking fee Town facility	$75.75
058969	8/01/2021	999999	Taj Mueller	Youth Achievement Grant - Community Development	$500.00
058970	8/01/2021	999998	E E Manera	Refund of rates	$932.52
058971	8/01/2021	100128	Bold Park Aquatic Centre	Petty Cash Reimbursement	$377.25
058972	8/01/2021	101737	Sensis Pty Ltd	Digital advertising - TBC	$26.66
058973	8/01/2021	100718	Synergy	Utilities charges various locations Nov - Dec 2020	$32,133.76
058974	8/01/2021	100074	Telstra	Telephone charges various numbers Nov 20 - Jan 21	$1,095.37
058975	8/01/2021	100081	Town Of Cambridge	Petty Cash Reimbursement - Library	$226.50
058976	8/01/2021	100308	Water Corporation	Utilities charges various locations Nov - Dec 2020	$2,034.18
058977	8/01/2021	100466	Wembley Golf Course	Petty Cash Reimbursement	$393.70
				Sub Total	$43,309.69

Payments Issued Listing Week Ending				31 December 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
000008	11/12/2020	400077	Synergy	Utility charges Sept - Nov 2020 - WGC	$12,665.21
000009	11/12/2020	400078	Water Corporation	Utility charges Sept - Nov 2020 - WGC	$5,946.60
000010	18/12/2020	400077	Synergy	Utility charges Oct - Nov 2020 - WGC	$1,700.52
000011	18/12/2020	400079	Telstra	Telephone charges Oct - Nov 2020 - WGC	$345.99
				Sub Total	$20,658.32

WGC Payments Issued Listing Month Ending				31 January 2021	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
000012	8/01/2021	400077	Synergy	Utility charges Nov - Dec 2020 - WGC	$2,076.28
000013	8/01/2021	400079	Telstra	Telephone charges Nov 2020 - WGC	$6.53
000014	15/01/2021	400086	Perth Energy Pty Ltd	Utility charges Oct 20 - Jan 21- WGC	$290.67
000015	15/01/2021	400077	Synergy	Utility charges Nov - Dec 2020 - WGC	$13,155.39
000016	15/01/2021	400079	Telstra	Telephone charges Jan 2021 - WGC	$398.82
000017	22/01/2021	400077	Synergy	Utility charges Dec 20 - Jan 21- WGC	$5,849.06
000018	22/01/2021	400078	Water Corporation	Utility charges Nov 20 - Jan 21- WGC	$477.67
				Sub Total	$22,254.42

Payments Issued Listing Week Ending				31 December 2020	
Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
E045155	18/12/2020	100241	Department of Fire and Emergency Services	ESL second quarter 2020/21	$1,640,970.00
E045156	18/12/2020	100001	Able Westchem	Cleaning products - Bold Park Aquatic	$328.66
E045157	18/12/2020	100031	BOC Gases Australia Ltd	Supply gas cylinder - Depot	$39.91
E045158	18/12/2020	100044	Bunnings Building Supplies Pty Ltd	Hardware items - Admin, Depot	$199.48
E045159	18/12/2020	100078	Total Eden Pty Ltd	Bore pump repairs Alderbury Park	$1,089.00
E045160	18/12/2020	100107	Stevlec Electrical Pty Ltd	Electrical repairs Perry Lakes Estate	$219.45
E045161	18/12/2020	100129	Statewide Cleaning Supplies Pty Ltd	Hardware items - Bold Park Aquatic	$210.21
E045162	18/12/2020	100182	Catherine Barlow	Reimbursement Dropbox fees	$184.67
E045163	18/12/2020	100243	Total Packaging	Supply doggy dumpage disposal units - Depot	$2,574.00
E045164	18/12/2020	100314	Winc Australia Pty Limited	Stationery supplies - Admin	$372.05
E045165	18/12/2020	100366	Ausrecord Pty Ltd	Stationery items - Admin	$146.19
E045166	18/12/2020	100372	Perth Frozen Foods P/L	Supply of confectionery for resale Bold Park Aquatic Café	$602.90
E045167	18/12/2020	100384	Protection Engineering Pty Ltd	Fire equipment repairs - Wembley Sports Pavilion	$192.50
E045168	18/12/2020	100391	The Workers Shop	Supply protective clothing items outside workers	$442.00
E045169	18/12/2020	100451	Landmark Exteria	Supply/install park furniture - Crosby Park	$4,038.10
E045170	18/12/2020	100476	Access Icon Pty Ltd T/As Cascada Group	Supply drainage hardware - Depot	$3,227.40
E045171	18/12/2020	100489	Turfmaster Facility Management	Mowing/garden maintenance various locations Nov 2020	$13,376.00
E045172	18/12/2020	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Nov 2020	$306.31
E045173	18/12/2020	100756	Classic Tree Services	Prune/remove trees/branches various locations Nov - Dec 2020	$10,915.10
E045174	18/12/2020	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of refreshments for resale Bold Park Aquatic Café	$386.58
E045175	18/12/2020	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Dec 2020	$7,395.85
E045176	18/12/2020	100796	Mindarie Regional Council	Tipping fees Tamala Park	$94,809.39
E045177	18/12/2020	100902	Sports Turf Technology	Grass analysis report - Henderson Park	$500.50
E045178	18/12/2020	100978	FCT Surface Cleaning	Bin cleaning City Beach, Floreat Beach	$1,485.00
E045179	18/12/2020	101035	Sprayline Spraying Equipment	Supply equipment items - Depot	$200.90
E045180	18/12/2020	101291	Wembley Hotel	Catering Seniors lunch - Senior Services	$349.74
E045181	18/12/2020	101429	Trisley's Hydraulic Services Pty Ltd	Pool equipment maintenance/repairs - Bold Park Aquatic	$2,145.00
E045182	18/12/2020	101440	Dormakaba Australia Pty Ltd	Automatic door maintenance - Bold Park Aquatic	$1,210.00
E045183	18/12/2020	101629	Bannister Downs Dairy Company	Provisions - Admin	$48.00
E045184	18/12/2020	101787	Fulton Hogan Industries Pty Ltd	Hardware items - Depot	$726.00
E045185	18/12/2020	101817	LGIS Property	Insurance claim - Professional Indemnity - Property Damage	$1,500.00
E045186	18/12/2020	101951	Elliotts Irrigation Pty Ltd	Repairs irrigation equipment various locations	$3,868.15
E045187	18/12/2020	102001	Swan Towing Service Pty Ltd	Towing Town equipment - Depot	$148.50
E045188	18/12/2020	102135	Rohanna Pty Ltd atf The Skipper Unit Trust	Replacement tyre Town vehicle - Regulatory Services	$158.00
E045189	18/12/2020	102437	OCLC (UK) Ltd	Annual subscription - Library	$22,415.28
E045190	18/12/2020	102517	Woodlands Distributors & Agencies	Hardware items - Depot	$3,333.00
E045191	18/12/2020	102683	AE Hoskins Building Services	WGC Depot - machinery shed construction WIP claim No 3 ($165k) and other minor works	$170,209.74
E045192	18/12/2020	102970	Zip Heaters (Aust) Pty Ltd	Repairs hot water system - WCC	$229.90
E045193	18/12/2020	103070	Natural Area Consulting Management Services	Weed control - Lake Monger	$2,285.25
E045194	18/12/2020	103130	Dorrington Plumbing & Gas	Plumbing repairs various locations Dec 2020	$2,228.02
E045195	18/12/2020	103148	Claremont Auto Electrics & Air Conditioning	Repair Town vehicle - Depot	$511.50
E045196	18/12/2020	103253	Kee Hire Pty Ltd	Hire of heavy equipment- Depot	$759.00
E045197	18/12/2020	103617	Australian HVAC Services	Air conditioning repairs various locations Dec 2020	$1,209.95
E045198	18/12/2020	103810	EOS Electrical	Electrical repairs/installation Christmas tree lights - Lake Monger	$9,793.69
E045199	18/12/2020	104006	Massey's Herd Milk Supply	Provisions - Depot	$185.60
E045200	18/12/2020	104051	Vorgee Pty Ltd	Swim accessories for resale Bold Park Aquatic	$894.30

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045201	18/12/2020	104131	Markovich Family Trust T/As Temptations Catering	Catering Admin meetings	$517.75
E045202	18/12/2020	104155	Australia Post - counter transactions	Transaction fees Nov 2020 - Rates	$629.48
E045203	18/12/2020	104492	Marketforce Pty Ltd	Marketforce advertising Nov 2020	$270.93
E045204	18/12/2020	104510	Scott Print	Stationery items - Admin	$321.20
E045205	18/12/2020	104612	Aveling Training	On-line staff training courses	$264.00
E045206	18/12/2020	104697	All Fence U Rent Pty Ltd	Hire of temporary fencing - South City Beach	$199.38
E045207	18/12/2020	104772	Quayclean Australia Pty Ltd	Contract cleaning services various locations Nov - Dec 2020	$58,535.08
E045208	18/12/2020	104834	WCP Civil Pty Ltd	Release retention funds re: Glengariff Drive Stormwater Works	$14,941.89
E045209	18/12/2020	105075	Bike Smart	Facilitate workshop - Sustainability	$1,595.00
E045210	18/12/2020	105111	Enviro Infrastructure Pty Ltd	Building maintenance/repairs - City Beach Commercial Precinct	$762.34
E045211	18/12/2020	105114	Corsign WA	Supply street signage	$111.10
E045212	18/12/2020	105151	Environmental Site Services	Asbestos analysis Fred Burton Car Park	$220.00
E045213	18/12/2020	105162	Outpost Central Pty Ltd	Annual subscription - Sustainability	$316.80
E045214	18/12/2020	105163	Party Plus Osborne Park	Hire of equipment Seniors lunch - Senior Services	$482.00
E045215	18/12/2020	105246	Paxon Group	Internal audit services	$10,972.50
E045216	18/12/2020	105302	Taldara Industries Pty Ltd	Catering provisions - Bold Park Aquatic Café	$609.13
E045217	18/12/2020	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$485.39
E045218	18/12/2020	105311	Cakes West Pty Ltd T/As Danish Patisserie	Supply bakery goods for resale Bold Park Aquatic Café	$413.44
E045219	18/12/2020	105315	PFD Food Services Pty Ltd	Supply frozen goods - Bold Park Aquatic Café	$995.95
E045220	18/12/2020	105358	Workwear Group Pty Ltd	Supply staff corporate uniforms	$274.46
E045221	18/12/2020	105446	Fresh Convenience Catering - Heart in Hospitality Pty Ltd	Catering Admin meetings	$90.00
E045222	18/12/2020	105506	Distributors Perth (the)	Supply confectionery goods for resale Bold Park Aquatic Café	$250.80
E045223	18/12/2020	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$305.00
E045224	18/12/2020	105581	System Maintenance	Sewer pump maintenance City Beach Park	$1,073.90
E045225	18/12/2020	105583	Peter Zuvela Photographer	Elected Member group photograph	$130.00
E045226	18/12/2020	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$33.82
E045227	18/12/2020	105627	Advanced Traffic Management WA Pty Ltd	Traffic management services various locations Nov 2020	$878.16
E045228	18/12/2020	105659	Josephine Ferguson-Allen	Entertainment Seniors lunch - Senior Services	$300.00
E045229	18/12/2020	105667	Landscape Elements Pty Ltd	Contract mowing services various locations Oct - Nov 2020	$8,157.60
E045230	18/12/2020	105712	Coolbinia Newspaper Delivery	Supply newspapers - Admin	$104.65
E045231	18/12/2020	105719	Hames Sharley Architects	Cambridge Street Medical Precinct Urban Design Study - Planning	$16,478.00
E045232	18/12/2020	105793	Kyocera Document Solutions Australia Pty Ltd	Supply photocopier - Admin; Photocopier maintenance/copies various locations	$6,204.51
E045233	18/12/2020	105842	The HP Hamersley Trust T/as Value Tissue	Consumables - Bold Park Aquatic	$503.18
E045234	18/12/2020	105864	Signwave Osborne Park	Supply car park signage - Bold Park Aquatic	$761.32
E045235	18/12/2020	105887	Datalink Technologies Pty Ltd	Supply Summer Bus radios	$271.04
E045236	18/12/2020	105892	Candor Contractors Pty Ltd	Progress claim Lake Monger Community Shed	$261,105.47
E045237	18/12/2020	105897	RSR Signage Pty Ltd t/as Sign A Rama (Osborne Park)	Supply City Beach Pavilion signage	$2,364.93
E045238	18/12/2020	105901	Sunpalm Australia Pty Ltd	Supply waste bags - Waste Management	$1,793.86
E045239	18/12/2020	105906	Malcolm Alan McGregor	Public Art Consultancy - Planning	$4,950.00
E045240	18/12/2020	105923	CTI5 Pty Ltd T/As CTI Risk Management	Cash collection services parking ticket machines - Rangers	$1,742.40
E045241	18/12/2020	105937	Tovey Shearwood Pty Ltd T/As Creative.adm	Artwork design Christmas Campaign - Planning	$2,989.25
E045242	18/12/2020	105947	Able Sales Pty Ltd	Supply/deliver fuel tanks - WGC Depot Project	$18,380.00
E045243	18/12/2020	105950	OEM Group Pty Ltd	Supply equipment items - Bold Park Aquatic	$2,714.84
E045244	18/12/2020	400002	All-Type Engraving	Stationery items - WGC	$73.70
E045245	18/12/2020	400004	American Golf Supplies	Stock purchases - WGC	$4,462.92
E045246	18/12/2020	400005	Andrew Graham Thomas	Golf tuition - WGC	$10,497.13
E045247	18/12/2020	400012	Brad Parker	Golf tuition - WGC	$4,154.74
E045248	18/12/2020	400013	Callaway Golf South Pacific Pty Ltd	Stock purchases - WGC	$11,388.05

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045249	18/12/2020	400016	Claire Elvidge	Golf tuition - WGC	$3,508.42
E045250	18/12/2020	400027	Dynacast Golf Factory Pty Ltd	Stock purchases - WGC	$621.50
E045251	18/12/2020	400032	Heiss Products	Stock purchases - WGC	$194.81
E045252	18/12/2020	400035	Luxottica Australia	Stock purchases - WGC	$279.84
E045253	18/12/2020	400038	Mizuno Corporation Australia Pty Ltd	Stock purchases - WGC	$422.93
E045254	18/12/2020	400040	Paul A Criddle	Golf tuition - WGC	$763.34
E045255	18/12/2020	400042	Peter Wright Golf Agencies Pty Ltd	Stock purchases - WGC	$580.48
E045256	18/12/2020	400044	Redback Sports	Stock purchases - WGC	$1,254.87
E045257	18/12/2020	400048	Richard Brain	Golf tuition - WGC	$1,386.07
E045258	18/12/2020	400049	Robert Mitchell	Golf tuition - WGC	$921.42
E045259	18/12/2020	400054	Schindler Lifts Australia Pty Ltd	Lift repairs/maintenance - WGC	$2,250.16
E045260	18/12/2020	400058	Simon Smith	Golf tuition - WGC	$804.56
E045261	18/12/2020	400060	Srixon Sports Australasia	Stock purchases - WGC	$6,185.50
E045262	18/12/2020	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$9,070.40
E045263	18/12/2020	400062	Toro Australia Group Sales Pty Ltd	Repairs to mowing equipment - WGC	$235.30
E045264	18/12/2020	400064	Vast Print Management	Stationery items - WGC	$1,193.50
E045265	18/12/2020	400070	Fuel Distributors of WA Pty Ltd	Fuel supplies - WGC	$3,635.27
E045266	18/12/2020	400074	Winc Australia Pty Ltd	Stationery items - WGC	$336.37
E045267	18/12/2020	400076	Suez Recycling & Recovery (Perth) Pty Ltd	Contract waste collection services - WGC	$824.22
E045268	18/12/2020	400083	WellStrategic	Monthly advertising - WGC	$1,980.00
E045269	18/12/2020	400087	Woodlands Distributors Pty Ltd	Parts for water dispenser - WGC	$3,080.00
E045270	18/12/2020	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$16,172.42
E045271	18/12/2020	400095	Link Us Pty Ltd	Communication charges Oct 2020 - WGC	$430.66
E045272	18/12/2020	400098	Dickies Tree Service	Prune/remove trees/branches - WGC	$3,564.00
E045273	18/12/2020	400099	George Campbell	Golf tuition - WGC	$1,682.17
E045274	18/12/2020	400100	Walkinshaw Sports Pty Ltd	Stock purchases - WGC	$546.24
E045275	18/12/2020	400102	Stephen Dark	Golf tuition - WGC	$1,532.22
E045276	18/12/2020	400105	Corpcloud Pty Ltd	IT communication charges - WGC	$121.00
E045277	18/12/2020	400108	Green Workz Pty Ltd	Fertiliser supplies - WGC	$14,470.50
E045278	18/12/2020	400112	Puma Australia Pty Ltd	Stock purchases - WGC	$2,578.45
E045279	18/12/2020	400115	Greenway Turf Solutions Pty Ltd	Fertiliser supplies - WGC	$1,386.00
E045280	18/12/2020	400116	Michael Long	Golf tuition - WGC	$3,319.99
E045281	18/12/2020	400119	Direct One Agencies Pty Ltd	Stock purchases - WGC	$1,320.00
E045282	18/12/2020	400129	Australian Golf Supplies Pty Ltd	Stock purchases - WGC	$742.50
E045283	18/12/2020	400144	MGI Golf Pty Ltd	Stock purchases - WGC	$953.04
E045284	18/12/2020	400147	Healthy PC - The Trustee for Talbot Family Trust T/As	Computer hardware - WGC	$3,725.59
E045285	21/12/2020	100096	LGIS Workcare	Workers Compensation adjustment	$189,943.60
E045286	21/12/2020	101336	Australian Taxation Office	BAS payment Nov 2020	$17,548.18
E045287	22/12/2020	105296	Kbest Marine Pty Ltd T/As Taskers	Shade sail repairs - Bold Park Aquatic	$26,714.60
E045288	22/12/2020	105542	Mills Oakley Lawyers	Professional services re: Legal Advice Nov - Dec 2020	$6,600.00
E045289	22/12/2020	100108	Deputy Commissioner of Taxation	PAYG Period Ending 20.12.2020	$140,978.00
E045290	22/12/2020	400149	The Trustee for the Woodward No 2 Trust	Advertising - WGC	$473.00
				Sub Total	$2,937,828.98

Payments Issued Listing Week Ending				13 December 2020	
Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
E044981	11/12/2020	100007	Australia Post	Postage account - November 2020	$2,684.14
E044982	11/12/2020	100031	BOC Gases Australia Ltd	Supply oxygen cylinder - Bold Park Aquatic	$17.97
E044983	11/12/2020	100038	Bring Couriers	Courier services - November 2020	$57.98
E044984	11/12/2020	100044	Bunnings Building Supplies Pty Ltd	Hardware items - Admin / Rangers / Depot	$609.72
E044985	11/12/2020	100078	Total Eden Pty Ltd	Irrigation repairs - Jubilee Park	$684.75
E044986	11/12/2020	100102	Sigma Chemicals	Pool chemicals - Bold Park Aquatic	$110.00
E044987	11/12/2020	100107	Stevlec Electrical Pty Ltd	Lighting/electrical repairs - various locations	$34,123.18
E044988	11/12/2020	100120	Enzed Welshpool	Sweeper repairs/service - Depot	$402.59
E044989	11/12/2020	100126	Cat Haven	Collect/trapping fees - October 2020	$182.75
E044990	11/12/2020	100179	Floreat Forum Newsagency	Supply newspapers and magazines - Library	$328.75
E044991	11/12/2020	100197	Westbooks	Stock purchase - Library	$584.32
E044992	11/12/2020	100212	Asphaltech Pty Ltd	Supply bitumen - Depot	$2,447.58
E044993	11/12/2020	100243	Total Packaging	Consumables - Quarry	$212.96
E044994	11/12/2020	100285	Local Government Professionals Australia WA	Registration Age Friendly Communities Forum - Senior Services	$60.00
E044995	11/12/2020	100314	Winc Australia Pty Limited	Stationery - Admin	$2,795.54
E044996	11/12/2020	100316	Chadson Engineering Pty Ltd	Water sampling products - Heath & Compliance	$1,947.00
E044997	11/12/2020	100372	Perth Frozen Foods P/L	Confectionery for resale - Bold Park Aquatic Café	$613.72
E044998	11/12/2020	100384	Protection Engineering Pty Ltd	Fire equipment inspections - various locations	$1,175.10
E044999	11/12/2020	100391	The Workers Shop	Supply protective clothing items outside workers	$1,006.00
E045000	11/12/2020	100408	Seaview Rentals	Fish tank maintenance - WCC	$195.00
E045001	11/12/2020	100409	Western Irrigation	Sim cards for irrigation - November 2020	$2,285.80
E045002	11/12/2020	100413	James Bennett Pty Ltd	Stock purchase - Library	$87.16
E045003	11/12/2020	100423	St John Ambulance Australia	First aid training - Quarry	$120.00
E045004	11/12/2020	100474	Techsand	Footpath repair - Lake Monger Drive	$1,100.00
E045005	11/12/2020	100476	Access Icon Pty Ltd T/As Cascada Group	Hardware items - Depot	$2,514.05
E045006	11/12/2020	100489	Turfmaster Facility Management	Turf maintenance - various Parks	$6,495.50
E045007	11/12/2020	100497	Armaguard	Banking collection services Nov 2020 - Admin, Bold Park Aquatic	$1,065.60
E045008	11/12/2020	100666	Commissioner of Police	National police clearance - Senior Services	$16.70
E045009	11/12/2020	100693	Moore Australia (WA) Pty Ltd	Accounting services	$5,665.00
E045010	11/12/2020	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Nov 2020	$2,994.94
E045011	11/12/2020	100756	Classic Tree Services	Prune/remove trees/branches various locations Nov 2020	$31,770.48
E045012	11/12/2020	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of drinks for resale Bold Park Aquatic Café	$1,125.86
E045013	11/12/2020	100763	Surf Life Saving of WA	Lifeguard services - December 2020	$40,169.00
E045014	11/12/2020	100767	Corrs Chambers Westgarth	Hire of truck for street tree watering various locations Nov 2020	$18,464.25
E045015	11/12/2020	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Nov 2020	$27,004.18
E045016	11/12/2020	100814	Raeco International Pty Ltd	Stationery - Library	$220.00
E045017	11/12/2020	100832	Iron Mountain Australia Group Pty Ltd - Recall	Offsite records storage	$96.50
E045018	11/12/2020	100833	Stratagreen	Turf maintenance supplies - Depot	$1,476.56
E045019	11/12/2020	100884	Suez Recycling & Recovery (Perth) Pty Ltd	Waste collection services - various locations	$1,780.24
E045020	11/12/2020	100930	Bin Bath (Australia) Pty Ltd	Bin cleaning various locations	$694.43
E045021	11/12/2020	101145	Powervac Pty Ltd	Floor scrubber and sweeper repairs - Bold Park Aquatic	$321.75
E045022	11/12/2020	101188	Standards Australia	Subscription renewal copyright licence	$750.87
E045023	11/12/2020	101440	Dormakaba Australia Pty Ltd	Automatic door service/repair various locations	$2,891.75
E045024	11/12/2020	101578	Lock Stock & Farrell Locksmith	Supply lock and keys - City Beach / Leederville Town Hall	$1,766.00
E045025	11/12/2020	101629	Bannister Downs Dairy Company	Provisions - Admin	$121.60
E045026	11/12/2020	101759	Stihl Shop - CSP Group	Minor equipment purchase/repairs - Depot	$2,294.25
E045027	11/12/2020	101800	GHD Pty Ltd	Water and sediment monitoring - Perry Lakes	$3,418.01

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045028	11/12/2020	101850	Reino International Pty Ltd - T/as Duncan Solutions	Purchase Samsung Galaxy notebook - Rangers	$1,491.00
E045029	11/12/2020	101853	Amcom Telecommunications	IT Communications	$8,334.70
E045030	11/12/2020	101951	Elliotts Irrigation Pty Ltd	Irrigation repairs/services various locations	$12,340.24
E045031	11/12/2020	102186	J & K Hopkins	Office furniture - Bold Park Aquatic	$319.00
E045032	11/12/2020	102552	Advance Press (2013) Pty Ltd	Business cards - Infrastructure	$220.00
E045033	11/12/2020	102556	Advam Pty Ltd	Credit card transaction fees Nov 2020 - Rangers	$3,191.41
E045034	11/12/2020	102583	Porter Consulting Engineers	Consultancy services - artificial turf feasibility study - Lake Monger	$7,700.00
E045035	11/12/2020	102683	AE Hoskins Building Services	Building maintenance/repairs various locations - November 2020	$18,802.57
E045036	11/12/2020	102684	Prosegur Australia Pty Limited	Cash collection services parking ticket machines Oct 2020 - Rangers	$680.27
E045037	11/12/2020	102719	Guardian Tactile Systems Pty Ltd	Warning tactile indicators - Salvado Rd	$4,702.05
E045038	11/12/2020	102853	Department of Transport - Perth	Vehicle owner search - Rangers	$588.20
E045039	11/12/2020	103070	Natural Area Consulting Management Services	Weed control - Chipping / Templetonia	$19,833.00
E045040	11/12/2020	103130	Dorrington Plumbing & Gas	Plumbing/toilet repairs various locations	$2,762.50
E045041	11/12/2020	103165	Jackson McDonald Lawyers	Professional services - Legal advice re Crofts Lane	$109.35
E045042	11/12/2020	103321	Squire Patton Boggs (AU)	Professional services re: Legal advice various matters	$5,832.59
E045043	11/12/2020	103384	Ad Astra Drycleaning	Council dry cleaning service - November 2020	$1,032.20
E045044	11/12/2020	103617	Australian HVAC Services	Air-conditioning repairs/maintenance - various locations	$2,092.20
E045045	11/12/2020	103664	Morrison's Public Address	Update PA announcements - Bold Park Aquatic	$214.50
E045046	11/12/2020	104026	Triton Electrical Contractor P/L	Maxicom Ce training - Depot	$143.00
E045047	11/12/2020	104051	Vorgee Pty Ltd	Swimwear accessories for resale - Bold Park Aquatic	$4,437.95
E045048	11/12/2020	104079	Green Skills Inc	Fence line weed removal various locations	$2,791.80
E045049	11/12/2020	104131	Markovich Family Trust T/As Temptations Catering	Catering Admin meetings	$1,678.55
E045050	11/12/2020	104149	Fuel Creative - Dalky Pty Ltd T/As	Short film festival - novelty cheque artwork - Community Development	$385.00
E045051	11/12/2020	104373	Elite Graphix	Name badges - Senior Services	$28.27
E045052	11/12/2020	104414	Prudential Investment Services Corp Pty Ltd	Investment services - November 2020	$1,925.00
E045053	11/12/2020	104492	Marketforce Pty Ltd	Marketforce advertising - November 2020	$7,605.95
E045054	11/12/2020	104595	Danleigh Carpets & Vinyl Pty Ltd	Supply and install new vinyl - Leederville Town Hall	$9,067.91
E045055	11/12/2020	104612	Aveling Training	On-line staff training	$561.00
E045056	11/12/2020	104615	Pelican Linemarking	Road line marking - Quarry	$1,210.00
E045057	11/12/2020	104637	Espresso Essential	Provisions - Library	$113.55
E045058	11/12/2020	104638	Spider Waste Collection Services Pty Ltd	Mattress waste collection service Sep - Nov 2020	$7,628.50
E045059	11/12/2020	104772	Quayclean Australia Pty Ltd	Contract cleaning services various locations Nov 2020	$23,146.99
E045060	11/12/2020	104811	McGees Property	Valuations - City Beach Tenancies	$6,600.00
E045061	11/12/2020	104835	SafetyQuip Balcatta	Hardware items - Admin	$1,275.98
E045062	11/12/2020	104840	West Coast Shade Pty Ltd	Removal of fallen shade sail - Floreat Change room	$209.00
E045063	11/12/2020	104865	Ixom Operations Pty Ltd	Pool chemicals - Bold Park Aquatic	$3,593.06
E045064	11/12/2020	104895	Gutter Vac Perth	Gutter cleaning - Admin / WGC	$2,566.00
E045065	11/12/2020	104953	Gilmour & Jooste Electrical	Repair faulty light - WCC	$134.90
E045066	11/12/2020	105041	Powell's Pressure Cleaning/Bore Stain West	Bore stain removal - Wembley Sports Park	$1,170.00
E045067	11/12/2020	105114	Corsign WA	Supply various corflute signs	$794.20
E045068	11/12/2020	105120	Alliance Engineering Consultants Pty Ltd	Engineering consultancy - Cambridge Bowling Club/Floreat Beach Kiosk	$4,384.33
E045069	11/12/2020	105200	Aquabiotics Industrial Pty Ltd	Pool chemicals - Bold Park Aquatic	$200.00
E045070	11/12/2020	105245	Hocking Planning and Architecture Pty Ltd T/As Hocking Heritage Studio	Preparation heritage assessment - City Beach Ovals	$550.00
E045071	11/12/2020	105294	Threat Protect	Mobile security patrol services Nov 2020 - Admin	$618.59
E045072	11/12/2020	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$774.72
E045073	11/12/2020	105309	Minbari Pty Ltd T/As Wembley Autocare	TOC vehicle service - Infrastructure	$1,276.50
E045074	11/12/2020	105311	Cakes West Pty Ltd T/As Danish Patisserie	Supply of bakery goods for resale Bold Park Aquatic Café	$818.83
E045075	11/12/2020	105315	PFD Food Services Pty Ltd	Supply of frozen foods for resale Bold Park Aquatic Café	$634.40

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045076	11/12/2020	105321	Techworks Electrical	Repair faulty light - WGC	$458.48
E045077	11/12/2020	105329	Perth Polishing and Protection	Cleaning TOC summer buses	$100.00
E045078	11/12/2020	105331	Pronto - Gourmet Deli	Catering Local Schools Debate	$219.00
E045079	11/12/2020	105393	Imagesource Digital Solutions	Summer bus posters and timetable	$666.60
E045080	11/12/2020	105411	Flick Anticimex Pty Ltd	Pest control - CBSLSC / Bold Park Aquatic	$516.12
E045081	11/12/2020	105427	Award Signs	"Summer Bus" advertising material	$5,049.00
E045082	11/12/2020	105429	GFG Temporary Assist - Glen Flood Group Pty Ltd T/As	Temporary labour hire - Infrastructure	$8,706.23
E045083	11/12/2020	105434	ALSCO Pty Limited	Laundry services - Bold Park Aquatic	$206.49
E045084	11/12/2020	105446	Fresh Convenience Catering - Heart in Hospitality Pty Ltd	Catering Admin meetings	$1,354.40
E045085	11/12/2020	105486	Whitfield Rose Pty Ltd	Elevator annual audit - WGC	$1,430.00
E045086	11/12/2020	105495	Accent Framers	Local schools art framing	$160.00
E045087	11/12/2020	105506	Distributors Perth (the)	Supply of confectionery foods for resale Bold Park Aquatic	$275.65
E045088	11/12/2020	105514	Tarramot Pty Ltd T/AS GT Media	Ongoing Comms support	$15,077.33
E045089	11/12/2020	105522	Australian Airconditioning Services Pty Ltd	Service/maintenance heat pump - Bold Park Aquatic	$796.40
E045090	11/12/2020	105542	Mills Oakley Lawyers	Professional services re: Legal advice various matters	$46,245.10
E045091	11/12/2020	105549	Central Regional TAFE	Staff training - Rangers	$87.84
E045092	11/12/2020	105557	Managed IT Pty Ltd	Computer software - IT	$55.00
E045093	11/12/2020	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic	$152.50
E045094	11/12/2020	105569	Galaxy 42 Pty Ltd	Training and system maintenance	$10,010.00
E045095	11/12/2020	105581	System Maintenance - Ballantyne Commercial Property Services Pty Ltd	Sewer pump maintenance - Bold Park Aquatic / Wembley Sports Pavilion	$3,631.84
E045096	11/12/2020	105582	Latin Moves & Fitness	Aquatic instructor - Bold Park Aquatic	$549.45
E045097	11/12/2020	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$128.58
E045098	11/12/2020	105600	Michelle Bariolo	Aquatic instructor - Bold Park Aquatic	$366.30
E045099	11/12/2020	105606	Surveytech Traffic Surveys Pty Ltd	Traffic survey services various locations	$4,554.00
E045100	11/12/2020	105612	Hotchkin Hanly Barristers and Solicitors	Professional services re Legal advice - Wembley Sports Park	$5,500.00
E045101	11/12/2020	105616	Susannah Bell	Aquatic instructor - Bold Park Aquatic	$379.35
E045102	11/12/2020	105620	M2M One Pty Ltd	Elevator SIM cards - Library, WGC	$39.60
E045103	11/12/2020	105627	Advanced Traffic Management WA Pty Ltd	Traffic management control - various locations	$12,170.98
E045104	11/12/2020	105641	Plantrite	Supply various plants - Depot	$330.00
E045105	11/12/2020	105664	Katie Roberts Career Consulting	Outplacement package - People and Culture	$1,950.00
E045106	11/12/2020	105667	Landscape Elements Pty Ltd	Contract mowing/garden maintenance services various locations Nov 2020	$18,376.60
E045107	11/12/2020	105692	RTSM Consulting	Road safety audit	$660.00
E045108	11/12/2020	105701	Objective Corporation Ltd	Redact licences renewals	$657.80
E045109	11/12/2020	105702	Autopia Management Pty Ltd	Novated lease contributions	$2,256.82
E045110	11/12/2020	105715	Invertebrate Solutions	Macroinvertebrate sampling - Perry Lakes	$1,716.00
E045111	11/12/2020	105723	MessageMedia	SMS service - Bold Park Aquatic	$27.50
E045112	11/12/2020	105751	Quality Press	Ewaste advertising material	$1,103.05
E045113	11/12/2020	105770	Vocus Pty Ltd	IT Communications	$726.77
E045114	11/12/2020	105802	Harvey Norman AV/IT Superstore - Wallkins Pty Ltd T/As	Supply electric oven/stove - Leederville Town Hall	$1,849.00
E045115	11/12/2020	105818	Holton Connor Architects & Planners	Consultancy services - Alderbury Reserve Sports facilities	$20,746.00
E045116	11/12/2020	105838	OpenForms (Aust) Pty Ltd	Advertising/Pay per response	$218.90
E045117	11/12/2020	105852	On Tap Plumbing & Gas Pty Ltd	Plumbing/toilet repairs - City Beach Surf Club	$669.90
E045118	11/12/2020	105861	Cloud Collections Pty Ltd	Development and recovery action costs	$11,110.00
E045119	11/12/2020	105914	The Trustee for JS ISO Consulting t/as JS ISO Consulting	Lift safety inspection and report - Lake Monger	$1,230.00
E045120	11/12/2020	105917	Gavin Charles Burgess	Waste battery collection service	$1,258.84
E045121	11/12/2020	105918	AAM Pty Ltd	Line marking set out - Challenger Parade	$1,430.00
E045122	11/12/2020	105935	Geoffs Tree Service Pty Ltd	Create firebreaks various Parks/Reserves	$21,758.00
E045123	11/12/2020	105943	WA Fire Protection	Fire extinguisher testing - Bold Park Aquatic	$2,159.30

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045124	11/12/2020	105949	M&M ACM Services	Asbestos removal - Fred Burton carpark	$370.00
E045125	11/12/2020	105953	Peoplesense Pty Ltd	EAP Counselling	$1,292.50
E045126	11/12/2020	400120	Flick Anticimex Pty Ltd	Pest control various locations November 2020	$1,143.45
E045127	11/12/2020	400004	American Golf Supplies	Stock purchase - WGC	$2,304.68
E045128	11/12/2020	400005	Andrew Graham Thomas	Golf tuition - WGC	$3,507.70
E045129	11/12/2020	400012	Brad Parker	Golf tuition - WGC	$3,559.68
E045130	11/12/2020	400013	Callaway Golf South Pacific Pty Ltd	Stock purchase - WGC	$155.57
E045131	11/12/2020	400015	Champion Sports Pty Ltd	Stock purchase - WGC	$796.33
E045132	11/12/2020	400018	Country Club International Pty Ltd	Stock purchase - WGC	$872.30
E045133	11/12/2020	400027	Dynacast Golf Factory Pty Ltd	Stock purchase - WGC	$1,076.47
E045134	11/12/2020	400032	Heiss Products	Stock purchase - WGC	$122.35
E045135	11/12/2020	400048	Richard Brain	Golf tuition - WGC	$1,430.08
E045136	11/12/2020	400058	Simon Smith	Golf tuition - WGC	$833.19
E045137	11/12/2020	400060	Srixon Sports Australasia	Stock purchase - WGC	$2,360.20
E045138	11/12/2020	400061	Taylor Made Golf Australia Pty Ltd	Stock purchase - WGC	$1,455.20
E045139	11/12/2020	400062	Toro Australia Group Sales Pty Ltd	Irrigation repairs - WGC	$1,224.69
E045140	11/12/2020	400064	Vast Print Management	Artwork/Banners - WGC	$418.00
E045141	11/12/2020	400069	Living Turf	Fertiliser supplies - WGC	$7,018.00
E045142	11/12/2020	400071	Armaguard	Banking collection services Nov 2020 - WGC	$1,369.12
E045143	11/12/2020	400075	Total Eden	Hardware items - WGC	$2,514.21
E045144	11/12/2020	400081	Thyssenkrupp Elevator Australia Pty Ltd	Lift maintenance/service - WGC	$837.46
E045145	11/12/2020	400083	WellStrategic	Website IT services - WGC	$1,980.00
E045146	11/12/2020	400091	Professional Golfers Association of Australia Ltd (WGC use o	Membership fees	$2,512.00
E045147	11/12/2020	400092	Acushnet Australia Pty Ltd	Stock purchase - WGC	$2,269.50
E045148	11/12/2020	400096	Threat Protect	Mobile security patrol services Nov 2020 - WGC	$115.50
E045149	11/12/2020	400098	Dickies Tree Service	Prune trees/branches - WGC	$11,484.00
E045150	11/12/2020	400100	Walkinshaw Sports Pty Ltd	Stock purchase - WGC	$1,349.93
E045151	11/12/2020	400111	Golf Performance - Benjamin Percival	Golf tuition - WGC	$1,888.44
E045152	11/12/2020	400112	Puma Australia Pty Ltd	Stock purchase - WGC	$2,304.08
E045153	11/12/2020	400125	Robbie Brown Pty Ltd	Stock purchase - WGC	$990.00
E045154	11/12/2020	400126	Julie Carter t/as B-Rapt Apparel	Stock purchase - WGC	$165.00
				Sub Total	$652,359.64

Payments Issued Listing Week Ending				11 December 2020	
Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E044881	3/12/2020	105024	The Trustee for EQUIPSUPER	Staff superannuation contributions	$1,776.32
E044882	3/12/2020	100034	Australian Service Union	Monthly deductions Nov 2020	$207.20
E044883	3/12/2020	100073	Child Support Agency	Monthly deductions Nov 2020	$1,234.48
E044884	3/12/2020	100233	LGRCEU	Monthly deductions Nov 2020	$676.50
E044885	4/12/2020	100182	Catherine Barlow	Councillor allowances Nov 2020	$2,208.33
E044886	4/12/2020	100204	Rod W Bradley	Councillor allowances Nov 2020	$2,208.32
E044887	4/12/2020	104918	Andres Walter Timmermanis	Councillor allowances Nov 2020	$2,208.33
E044888	4/12/2020	104919	Keri Liona Shannon	Councillor allowances Nov 2020	$8,089.00
E044889	4/12/2020	105361	Ian Everett	Councillor allowances Nov 2020	$2,208.33
E044890	4/12/2020	105405	Kathryn J McKerracher	Councillor allowances Nov 2020	$3,515.16
E044891	4/12/2020	105768	Alaine Haddon-Casey	Councillor allowances Nov 2020	$2,208.33
E044892	4/12/2020	105769	Gary Norman Mack	Councillor allowances Nov 2020	$2,208.33
E044893	4/12/2020	105924	Robert John Fredericks	Councillor allowances Nov 2020	$2,208.33
E044894	4/12/2020	105818	Holton Connor Architects & Planners	Progress claim architectural services Alderbury Reserve Sports Facility Project	$4,576.00
E044895	7/12/2020	100035	Boya Equipment	Repairs mowing equipment - Depot	$149.23
E044896	7/12/2020	100041	Speedo Australia P/L	Swim accessories for resale Bold Park Aquatic	$1,827.10
E044897	7/12/2020	100044	Bunnings Building Supplies Pty Ltd	Hardware supplies - Depot, Admin	$143.02
E044898	7/12/2020	100062	City Of Perth	Building/Development Application retrievals Oct 2020	$449.46
E044899	7/12/2020	100089	Western Australian Local Government Association	Staff conference attendance	$140.00
E044900	7/12/2020	100102	Sigma Chemicals	Pool chemicals - Bold Park Aquatic	$1,062.60
E044901	7/12/2020	100105	Westcare Industries	Stationery items - Admin	$4,176.70
E044902	7/12/2020	100107	Stevlec Electrical Pty Ltd	Lighting/electrical repairs various locations Nov 2020	$9,372.26
E044903	7/12/2020	100129	Statewide Cleaning Supplies Pty Ltd	Cleaning products - Bold Park Aquatic	$826.39
E044904	7/12/2020	100187	Dickies Tree Service	Prune tree/branches various locations	$990.00
E044905	7/12/2020	100193	Pro Turf Services Pty Ltd	Repairs to mowing equipment Depot	$2,279.21
E044906	7/12/2020	100197	Westbooks	Stock purchases - Library	$762.21
E044907	7/12/2020	100312	Mcleods Barristers & Solicitors	Professional services re: Legal Advice various Planning matters	$10,251.12
E044908	7/12/2020	100319	Landgate - Midland	Gross rental valuations Oct - Nov 2020	$237.23
E044909	7/12/2020	100320	A & M D'Angelo	Waste removal - Depot	$11,709.50
E044910	7/12/2020	100372	Perth Frozen Foods P/L	Confectionery for resale - Bold Park Aquatic Café	$429.90
E044911	7/12/2020	100391	The Workers Shop	Supply protective clothing items outside workers	$472.00
E044912	7/12/2020	100476	Access Icon Pty Ltd T/As Cascada Group	Hardware items - Depot	$6,175.65
E044913	7/12/2020	100489	Turfmaster Facility Management	Turf maintenance - Pat Goodridge Reserve	$9,911.00
E044914	7/12/2020	100633	Coates Hire	Hire of heavy equipment - Depot	$946.69
E044915	7/12/2020	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Nov 2020	$109.50
E044916	7/12/2020	100756	Classic Tree Services	Prune/remove trees/branches various locations Nov 2020	$8,305.56
E044917	7/12/2020	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of drinks for resale Bold Park Aquatic Café	$710.67
E044918	7/12/2020	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Nov 2020	$3,884.38
E044919	7/12/2020	100796	Mindarie Regional Council	Tipping fees Tamala Park	$27,330.65
E044920	7/12/2020	100952	Western Metropolitan Regional Council Office	Tipping fess - Depot	$360.03
E044921	7/12/2020	101305	Stott Hoare	Supply computer equipment - Infrastructure	$3,205.40
E044922	7/12/2020	101629	Bannister Downs Dairy Company	Provisions - Admin	$54.40
E044923	7/12/2020	101639	Docushred	Supply security bins - Admin, WCC	$119.90
E044924	7/12/2020	102315	Kite Kinetics	Entertainment for launch City Beach Accessible matting opening	$330.00
E044925	7/12/2020	102447	Integrated Distribution Pty Ltd	Hardware items - Depot	$2,760.45
E044926	7/12/2020	102683	AE Hoskins Building Services	Building maintenance/repairs various locations Nov 2020	$1,067.67
E044927	7/12/2020	103130	Dorrington Plumbing & Gas	Plumbing repairs various toilet facilities Nov 2020	$548.00
E044928	7/12/2020	103398	Bridgestone Australia Ltd	Supply replacement tyres Town vehicle - Depot	$1,235.30
E044929	7/12/2020	104140	Weston Road Systems	Line marking for parking bays - Quarry	$385.00

Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
E044930	7/12/2020	104373	Elite Graphix	Supply office signage - Admin	$52.25
E044931	7/12/2020	104612	Aveling Training	On-line staff training courses	$330.00
E044932	7/12/2020	104866	Altus Planning & Appeals	Consultancy re; SAT Appeal	$4,290.00
E044933	7/12/2020	104895	Gutter Vac Perth	Gutter cleaning - City Beach Surf Life Saving Club	$330.00
E044934	7/12/2020	104900	Blue Heeler Trading	Supply staff uniforms - Bold Park Aquatic	$1,905.26
E044935	7/12/2020	105111	Enviro Infrastructure Pty Ltd	Paving repairs - WGC Depot	$2,520.17
E044936	7/12/2020	105114	Corsign WA	Supply street tree signage	$1,052.92
E044937	7/12/2020	105240	Chindarsi Architects	Design Review Panel services	$770.00
E044938	7/12/2020	105294	Threat Protect	Mobile security patrol services Oct - Nov 2020 various locations	$475.73
E044939	7/12/2020	105300	The Cookie Barrel	Supply of bakery goods for resale Bold Park Aquatic Café	$141.24
E044940	7/12/2020	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$270.53
E044941	7/12/2020	105309	Minbari Pty Ltd T/As Wembley Autocare	Service Town vehicle - Rangers	$354.00
E044942	7/12/2020	105311	Cakes West Pty Ltd T/As Danish Patisserie	Supply of bakery goods for resale Bold Park Aquatic Café	$463.00
E044943	7/12/2020	105315	PFD Food Services Pty Ltd	Supply of frozen foods for resale Bold Park Aquatic Café	$534.00
E044944	7/12/2020	105358	Workwear Group Pty Ltd	Supply staff corporate uniforms	$158.40
E044945	7/12/2020	105421	Philip Griffiths Architects	Design Review Panel services	$770.00
E044946	7/12/2020	105446	Fresh Convenience Catering - Heart in Hospitality Pty Ltd	Catering Admin meetings	$154.00
E044947	7/12/2020	105463	CMW Geosciences Pty Ltd	Geotechnical services - Quarry	$10,780.00
E044948	7/12/2020	105506	Distributors Perth (the)	Supply confectionary for resale Bold Park Aquatic Café	$235.05
E044949	7/12/2020	105522	Australian Airconditioning Services Pty Ltd	Repairs to heating equipment - Bold Park Aquatic	$796.40
E044950	7/12/2020	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$152.50
E044951	7/12/2020	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$39.69
E044952	7/12/2020	105600	Michelle Bariolo	Aquatic instructor - Bold Park Aquatic	$361.95
E044953	7/12/2020	105614	Canon Australia Pty Ltd	Photocopier maintenance/copies various locations Nov 2020	$672.75
E044954	7/12/2020	105627	Advanced Traffic Management WA Pty Ltd	Traffic management services various locations Nov 2020	$11,811.58
E044955	7/12/2020	105857	Anser Group Pty Ltd	Electrical/lighting design plan Alderbury Sports	$3,278.00
E044956	7/12/2020	105891	MDM Entertainment Pty Ltd	Stock purchases - Library	$91.41
E044957	7/12/2020	105892	Candor Contractors Pty Ltd	Progress claim Lake Monger Community Shed	$189,755.83
E044958	7/12/2020	105928	Soils Aint Soils Pty Ltd	Supply soil - Depot	$678.00
E044959	7/12/2020	105945	Little Learning	Office equipment items - Library	$205.00
E044960	7/12/2020	400003	Amer Sports Australia Pty Ltd	Stock purchases - WGC	$816.35
E044961	7/12/2020	400004	American Golf Supplies	Stock purchases - WGC	$10,408.16
E044962	7/12/2020	400012	Brad Parker	Golf tuition - WGC	$4,448.23
E044963	7/12/2020	400013	Callaway Golf South Pacific Pty Ltd	Stock purchases - WGC	$1,097.94
E044964	7/12/2020	400035	Luxottica Australia	Stock purchases - WGC	$1,518.88
E044965	7/12/2020	400040	Paul A Criddle	Golf tuition - WGC	$824.61
E044966	7/12/2020	400042	Peter Wright Golf Agencies Pty Ltd	Stock purchases - WGC	$856.15
E044967	7/12/2020	400058	Simon Smith	Golf tuition - WGC	$1,181.79
E044968	7/12/2020	400060	Srixon Sports Australasia	Stock purchases - WGC	$5,491.53
E044969	7/12/2020	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$11,035.06
E044970	7/12/2020	400062	Toro Australia Group Sales Pty Ltd	Irrigation repairs - WGC	$161.61
E044971	7/12/2020	400075	Total Eden	Bore pump repairs - WGC	$2,807.20
E044972	7/12/2020	400084	Miclub Services	Internet services - WGC	$203.50
E044973	7/12/2020	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$11,707.74
E044974	7/12/2020	400099	George Campbell	Golf tuition - WGC	$744.14
E044975	7/12/2020	400115	Greenway Turf Solutions Pty Ltd	Fertiliser supplies - WGC	$2,394.70
E044976	7/12/2020	400145	Brett Michael Rumford	Golf tuition - WGC	$3,047.73
E044977	9/12/2020	103816	Department of Mines Industry Regulation and Safety - BSL	Building levies - Nov 2020	$15,620.88
E044978	10/12/2020	100108	Deputy Commissioner of Taxation	PAYG Period Ending 06/12/2020	$188,210.00
E044979	10/12/2020	400048	Richard Brain	Golf tuition - WGC	$962.38

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E044980	10/12/2020	105924	Robert John Fredericks	Refund Candidate Deposit	$80.00
				Sub Total	$645,299.38

Payments Issued Listing Week Ending				30 November 2020	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
E044744	27/11/2020	400003	Amer Sports Australia Pty Ltd	Stock purchases - WGC	$740.65
E044745	27/11/2020	400004	American Golf Supplies	Stock purchases - WGC	$9,427.17
E044746	27/11/2020	400020	Cutter and Buck	Stock purchases - WGC	$601.15
E044747	27/11/2020	400021	D.S.J. Enterprises	Stock purchases - WGC	$331.57
E044748	27/11/2020	400030	Golf Car World	Hire of golf cars- WGC	$1,452.00
E044749	27/11/2020	400035	Luxottica Australia	Stock purchases - WGC	$2,659.07
E044750	27/11/2020	400038	Mizuno Corporation Australia Pty Ltd	Stock purchases - WGC	$2,537.28
E044751	27/11/2020	400042	Peter Wright Golf Agencies Pty Ltd	Stock purchases - WGC	$618.12
E044752	27/11/2020	400060	Srixon Sports Australasia	Stock purchases - WGC	$746.90
E044753	27/11/2020	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$2,110.88
E044754	27/11/2020	400062	Toro Australia Group Sales Pty Ltd	Parts for mowing equipment - WGC	$132.39
E044755	27/11/2020	400069	Living Turf	Fertiliser supplies - WGC	$6,143.50
E044756	27/11/2020	400075	Total Eden	Parts for reticulation - WGC	$744.28
E044757	27/11/2020	400080	Globe Australia Pty Ltd	Fertiliser supplies - WGC	$2,420.00
E044758	27/11/2020	400081	Thyssenkrupp Elevator Australia Pty Ltd	Lift maintenance - WGC	$837.46
E044759	27/11/2020	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$5,094.76
E044760	27/11/2020	400097	Golf Chariots (Aust) Pty Ltd	Golf cart hire - WGC	$880.00
E044761	27/11/2020	400098	Dickies Tree Service	Prune trees/branches - WGC	$2,502.50
E044762	27/11/2020	400100	Walkinshaw Sports Pty Ltd	Stock purchases - WGC	$6,942.61
E044763	27/11/2020	400112	Puma Australia Pty Ltd	Stock purchases - WGC	$2,046.44
E044764	27/11/2020	400118	Ambrose Estate WA	Catering WGC Events	$399.90
E044765	27/11/2020	400119	Direct One Agencies Pty Ltd	Stock purchases - WGC	$1,276.00
E044766	27/11/2020	400122	Golf Management Australia Pty Ltd	Management challenge Mt Lawley Golf Club - WGC	$350.00
E044767	27/11/2020	400131	Sporte' Leisure Pty Ltd	Stock purchases - WGC	$612.48
E044768	27/11/2020	400148	Perron Institute for Neurological and Translational Science Lir	Contribution to media promotion - WGC	$20,000.00
E044769	26/11/2020	100015	AKC Pty Ltd t.as Baileys Fertilisers	Fertiliser supplies - Depot	$1,177.00
E044770	26/11/2020	100031	BOC Gases Australia Ltd	Supply gas cylinder - Depot	$33.35
E044771	26/11/2020	100035	Boya Equipment	Supply hardware items - Depot	$520.58
E044772	26/11/2020	100044	Bunnings Building Supplies Pty Ltd	Hardware items - Depot, Admin	$355.22
E044773	26/11/2020	100078	Total Eden Pty Ltd	Reticulation repairs/parts various locations Sept - Nov 2020	$25,727.69
E044774	26/11/2020	100093	Scribal Group Accounts Pty Ltd (Carbonrib WA Pty Ltd)	Stationery items - Bold Park Aquatic	$374.00
E044775	26/11/2020	100105	Westcare Industries	Stationery items - Library	$108.90
E044776	26/11/2020	100107	Stevlec Electrical Pty Ltd	Lighting/electrical repairs various locations Nov 2020	$2,402.44
E044777	26/11/2020	100115	City Of Perth Surf Lifesaving Club Inc	Community Organisation Support Grant 2020/21 - Community Development	$1,045.00
E044778	26/11/2020	100187	Dickies Tree Service	Prune trees/branches various locations Nov 2020	$396.00
E044779	26/11/2020	100202	Connect Call Centre Services	After hours telephone message services Oct 2020 - Rangers	$450.89
E044780	26/11/2020	100243	Total Packaging	Supply doggy dumpage disposal units - Depot	$2,570.92
E044781	26/11/2020	100314	Winc Australia Pty Limited	Stationery items - Library, Senior Services, Admin	$697.88
E044782	26/11/2020	100357	State Library of Western Australia	"Better Beginnings" Program - Library	$1,782.00
E044783	26/11/2020	100372	Perth Frozen Foods P/L	Supply confectionery for resale - Bold Park Aquatic Café	$193.09
E044784	26/11/2020	100384	Protection Engineering Pty Ltd	Maintenance/repairs fire equipment various locations Nov 2020	$1,147.60
E044785	26/11/2020	100391	The Workers Shop	Supply protective clothing items outside workers	$104.00
E044786	26/11/2020	100409	Western Irrigation	Bore SIM cards and communication repairs - Parks	$4,705.80
E044787	26/11/2020	100423	St John Ambulance Australia	Staff first aid training courses	$4,856.00

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E044788	26/11/2020	100474	Techsand	Construct concrete footpaths various locations Nov 2020	$8,274.29
E044789	26/11/2020	100477	WH Locations Services Pty Ltd T/As Abaxa	Locate underground services Challenger Parade	$1,985.50
E044790	26/11/2020	100489	Turfmaster Facility Management	Weed control, turf maintenance various locations Oct - Nov 2020	$17,048.90
E044791	26/11/2020	100626	Officino	Supply office furniture - Library	$826.10
E044792	26/11/2020	100632	Technology One Ltd	Consultancy system support	$3,139.95
E044793	26/11/2020	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Nov 2020	$575.95
E044794	26/11/2020	100756	Classic Tree Services	Prune/remove trees/branches various locations Nov 2020	$4,819.38
E044795	26/11/2020	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply cold drinks for re-sale Bold Park Aquatic Café	$211.87
E044796	26/11/2020	100763	Surf Life Saving of WA	Contract lifeguard services Nov 2020	$40,169.00
E044797	26/11/2020	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Oct - Nov 2020	$20,509.50
E044798	26/11/2020	100785	Bucher Municipal	Repairs to road sweeper - Depot	$4,300.02
E044799	26/11/2020	100832	Iron Mountain Australia Group Pty Ltd - Recall	Storage financial records Oct 2020	$96.50
E044800	26/11/2020	100833	Stratagreen	Hardware items - Depot, Admin	$886.72
E044801	26/11/2020	100849	LIWA Aquatics Leisure Institute of Western Australia Aquatics	Membership renewal - Bold Park Aquatic	$132.00
E044802	26/11/2020	101344	Miracle Recreation Equipment	Repairs playground equipment various locations Nov 2020	$6,061.00
E044803	26/11/2020	101578	Lock Stock & Farrell Locksmith	Supply lock/keys various locations Nov 2020	$95.00
E044804	26/11/2020	101629	Bannister Downs Dairy Company	Provisions - Admin	$57.60
E044805	26/11/2020	101736	Noise Vibration Measurement Systems Pty Ltd	Repairs noise monitoring equipment - Health/Compliance	$607.20
E044806	26/11/2020	101759	Stihl Shop - CSP Group	Hardware items - Depot, Admin	$322.00
E044807	26/11/2020	101861	Western Suburbs Building and Landscape Supplies	Supply landscape mix - Depot	$412.50
E044808	26/11/2020	101951	Elliotts Irrigation Pty Ltd	Supply parts/repairs irrigation various locations Nov 2020	$440.00
E044809	26/11/2020	101978	Workpower Inc	Grounds maintenance - Quarry	$7,242.40
E044810	26/11/2020	102135	Rohanna Pty Ltd atf The Skipper Unit Trust	Service Town vehicles - Planning, Regulatory Services	$627.39
E044811	26/11/2020	102299	Totally Workwear	Supply protective clothing items outside workers	$169.95
E044812	26/11/2020	102517	Woodlands Distributors & Agencies	Consumables - Depot	$1,879.35
E044813	26/11/2020	102683	AE Hoskins Building Services	Building maintenance/repairs various locations Nov 2020	$14,143.61
E044814	26/11/2020	102713	Balcatta Glass	Bus stop repairs various locations Nov 2020	$2,570.00
E044815	26/11/2020	103070	Natural Area Consulting Management Services	Weed control various locations Nov 2020	$29,172.33
E044816	26/11/2020	103130	Dorrington Plumbing & Gas	Plumbing repairs toilet facilities various locations Nov 2020	$45,966.00
E044817	26/11/2020	103148	Claremont Auto Electrics & Air Conditioning	Supply replacement trailer parts - Depot	$656.10
E044818	26/11/2020	103398	Bridgestone Australia Ltd	Supply replacement tyres Town vehicles - Depot	$4,786.58
E044819	26/11/2020	103405	Caterlink	Supply hot water urn - Admin	$624.80
E044820	26/11/2020	103617	Australian HVAC Services	Air conditioning repairs - TBC	$346.50
E044821	26/11/2020	103628	Sunny Industrial Brushware Pty Ltd	Hardware items - Depot, Admin	$1,023.00
E044822	26/11/2020	103675	Rotary Club of Cambridge	Community Organisation Support Grant 2020/21 - Community Development	$2,890.00
E044823	26/11/2020	103827	Graffiti Force	Graffiti removal contract services Sept, Nov 2020	$10,129.02
E044824	26/11/2020	103834	Zambezi Plumbing and Gas	Plumbing repairs toilet facilities various locations Nov 2020	$241.80
E044825	26/11/2020	104051	Vorgee Pty Ltd	Swim accessories for resale Bold Park Aquatic	$1,717.65
E044826	26/11/2020	104131	Markovich Family Trust T/As Temptations Catering	Catering Admin meetings	$858.29
E044827	26/11/2020	104345	Road Specialist Australia Pty Ltd	Repairs Town vehicle - Depot	$1,009.03
E044828	26/11/2020	104404	Initial Hygiene	Supply hygiene services various locations Nov 2020	$11,913.54
E044829	26/11/2020	104414	Prudential Investment Services Corp Pty Ltd	Investment services - cot 2020	$1,925.00
E044830	26/11/2020	104489	Tim Eva's Nursery	Supply plant varieties - Parks	$165.00
E044831	26/11/2020	104595	Danleigh Carpets & Vinyl Pty Ltd	Replacement floor coverings - WCC	$8,263.76
E044832	26/11/2020	104612	Aveling Training	Staff on-line training courses	$1,330.00

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E044833	26/11/2020	104697	All Fence U Rent Pty Ltd	Hire temporary fencing South City Beach Kiosk	$199.38
E044834	26/11/2020	104772	Quayclean Australia Pty Ltd	Contract cleaning services various locations Oct - Nov 2020	$41,657.11
E044835	26/11/2020	104852	Varidesk LLC	Supply office furniture - Admin	$675.00
E044836	26/11/2020	104865	Ixom Operations Pty Ltd	Supply pool chemicals - Bold Park Aquatic	$168.63
E044837	26/11/2020	105085	Ambrose Estate WA	Catering WGC Events	$650.00
E044838	26/11/2020	105111	Enviro Infrastructure Pty Ltd	Paving repairs - Depot	$4,295.34
E044839	26/11/2020	105114	Corsign WA	Supply various street signage	$12,289.09
E044840	26/11/2020	105121	Total Aqua - Mandurah	Repairs/maintenance water filter - Quarry	$263.94
E044841	26/11/2020	105124	Transair Two-Way Radio	Supply handheld radio - Bold Park Aquatic	$2,048.20
E044842	26/11/2020	105205	Way Funky Company Pty Ltd	Swim accessories for resale Bold Park Aquatic	$583.77
E044843	26/11/2020	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$355.49
E044844	26/11/2020	105309	Minbari Pty Ltd T/As Wembley Autocare	Service Town vehicles - Parks, Rangers, Regulatory Services	$1,727.25
E044845	26/11/2020	105311	Cakes West Pty Ltd T/As Danish Patisserie	Bakery goods for resale - Bold Park Aquatic Café	$109.56
E044846	26/11/2020	105358	Workwear Group Pty Ltd	Supply corporate staff uniforms	$55.20
E044847	26/11/2020	105385	Sifting Sands - Buzz Enterprises Pty Ltd T/As	Cleaning playground sand various locations Nov 2020	$8,697.91
E044848	26/11/2020	105393	Imagesource Digital Solutions	"Summer Bus" advertising material	$698.50
E044849	26/11/2020	105429	GFG Temporary Assist - Glen Flood Group Pty Ltd T/As	Temporary labour hire - Infrastructure	$7,066.26
E044850	26/11/2020	105434	ALSCO Pty Limited	Laundry services - Bold Park Aquatic Café	$309.75
E044851	26/11/2020	105446	Fresh Convenience Catering - Heart in Hospitality Pty Ltd	Catering various Admin meetings	$623.65
E044852	26/11/2020	105506	Distributors Perth (the)	Confectionary foods for resale - Bold Park Aquatic Café	$562.70
E044853	26/11/2020	105522	Australian Airconditioning Services Pty Ltd	Repairs pool heating equipment - Bold Park Aquatic	$962.50
E044854	26/11/2020	105557	Managed IT Pty Ltd	IT communications services	$55.00
E044855	26/11/2020	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$152.50
E044856	26/11/2020	105580	Shadowdraw	Annual subscription IT services	$2,090.00
E044857	26/11/2020	105581	System Maintenance	Sewer maintenance/repairs various locations Oct - Nov 2020	$5,704.20
E044858	26/11/2020	105585	Boulevard IGA (The)	Café provisions - Bold Park Aquatic Café	$105.86
E044859	26/11/2020	105600	Michelle Bariolo	Aquatic instructor - Bold Park Aquatic	$375.00
E044860	26/11/2020	105614	Canon Australia Pty Ltd	Stationery supplies - Admin	$1,342.44
E044861	26/11/2020	105620	M2M One Pty Ltd	SIM cards elevators - WGC, Library	$39.60
E044862	26/11/2020	105627	Advanced Traffic Management WA Pty Ltd	Traffic management services various locations Oct - Nov 2020	$16,998.26
E044863	26/11/2020	105629	Kee Surfacing Pty Ltd	Infrastructure roadworks various locations Oct 2020	$154,917.65
E044864	26/11/2020	105667	Landscape Elements Pty Ltd	Contract mowing/garden maintenance services various locations Oct 2020	$16,665.22
E044865	26/11/2020	105712	Coolbinia Newspaper Delivery	Supply newspapers - Admin	$104.65
E044866	26/11/2020	105723	MessageMedia	Messaging services - Bold Park Aquatic	$27.50
E044867	26/11/2020	105733	Hudson Global Resources (Aust) Pty Ltd	Temporary labour hire - Planning	$3,758.89
E044868	26/11/2020	105770	Vocus Pty Ltd	IT communications services	$727.15
E044869	26/11/2020	105802	Harvey Norman AV/IT Superstore - Wallkins Pty Ltd T/As	Supply white goods - Admin	$199.00
E044870	26/11/2020	105852	On Tap Plumbing & Gas Pty Ltd	Plumbing repairs toilet facilities various locations Nov 2020	$134.75
E044871	26/11/2020	105866	Marawar Pty Ltd	Installation access ramp - Wembley Sports Park Pavilion	$16,977.04
E044872	26/11/2020	105869	Techworks Plumbing Pty Ltd	Plumbing repairs City Beach Oval Pavilion	$231.00
E044873	26/11/2020	105890	Eric Preston Pty Ltd t/as Leader Press	Stationery supplies - Admin	$181.50
E044874	26/11/2020	105911	Glass Workx (WA) Pty Ltd	Supply/replace bi-fold doors City Beach Oval Pavilion	$10,472.00
E044875	26/11/2020	105914	The Trustee for JS ISO Consulting t/as JS ISO Consulting	Site safety consultancy Lake Monger Community Shed	$1,230.00
E044876	26/11/2020	105918	AAM Pty Ltd	Survey services Challenger Parade	$3,630.00
E044877	26/11/2020	105922	Design Out Crime and CPTED Centre	Staff on-line training course	$494.00

Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
E044878	26/11/2020	105925	Best Western Albany Motel and Apartments	Accommodation staff attendance conference - Compliance	$390.00
E044879	26/11/2020	105931	Jim's Fencing (Bayswater)	Fencing repairs Cambridge Street	$3,712.50
E044880	26/11/2020	105936	Thomson Geer	Professional services re: Marlow Street, Wembley Planning Approval	$22,000.00
				Sub Total	$727,592.49

Payments Issued Listing Week Ending				31 January 2021	
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
E045538	25/01/2021	100078	Total Eden Pty Ltd	Irrigation /pump maintenance - Wembley Sports Park	$1,766.60
E045539	25/01/2021	100102	Sigma Chemicals	Pool chemicals - Bold Park Aquatic	$2,402.66
E045540	25/01/2021	100107	Stevlec Electrical Pty Ltd	Bore pump repairs - Reabold Tennis Club	$176.00
E045541	25/01/2021	100120	Enzed Welshpool	Repairs Town equipment - Depot	$485.17
E045542	25/01/2021	100161	ALIA - Australian Library & Information Association	Staff training - Library	$325.00
E045543	25/01/2021	100312	Mcleods Barristers & Solicitors	Professional services re: Legal advice - Setbacks	$1,282.78
E045544	25/01/2021	100314	Winc Australia Pty Limited	Consumables - Depot	$3,077.38
E045545	25/01/2021	100320	A & M D'Angelo	Disposal road sweepings - Depot	$9,957.75
E045546	25/01/2021	100372	Perth Frozen Foods P/L	Supply confectionery for resale Bold Park Aquatic Café	$956.29
E045547	25/01/2021	100408	Seaview Rentals	Monthly aquarium maintenance - WCC	$85.00
E045548	25/01/2021	100409	Western Irrigation	Irrigation maintenance/repairs various locations	$3,506.80
E045549	25/01/2021	100474	Techsand	Replace concrete footpath - Peebles Road	$8,922.30
E045550	25/01/2021	100489	Turfmaster Facility Management	Mowing/garden maintenance various locations Dec 2020	$33,629.26
E045551	25/01/2021	100626	Officino	Office furniture - Planning	$891.00
E045552	25/01/2021	100632	Technology One Ltd	Consultancy system support	$1,967.90
E045553	25/01/2021	100634	Tonca Earthmoving	Infrastructure earthworks various locations	$22,366.30
E045554	25/01/2021	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Dec 2020	$2,450.82
E045555	25/01/2021	100756	Classic Tree Services	Prune/remove trees/branches various locations Dec 2020	$6,842.57
E045556	25/01/2021	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply drinks for resale Bold Park Aquatic Café	$643.15
E045557	25/01/2021	100767	Corrs Chambers Westgarth	Professional services re: Legal Advice Floreat Beach Kiosk	$6,645.65
E045558	25/01/2021	100796	Mindarie Regional Council	Tipping fees Tamala Park	$38,686.85
E045559	25/01/2021	100832	Iron Mountain Australia Group Pty Ltd - Recall	Storage financial records	$108.15
E045560	25/01/2021	100884	Suez Recycling & Recovery (Perth) Pty Ltd	Contract waste collection services Nov 2020	$170,097.37
E045561	25/01/2021	100918	Zipform Pty Ltd	3rd instalment notices - Rates	$1,614.92
E045562	25/01/2021	100952	Western Metropolitan Regional Council Office	Tipping fees - Depot	$157,099.69
E045563	25/01/2021	101629	Bannister Downs Dairy Company	Provisions - Admin	$48.00
E045564	25/01/2021	101842	Perth Netball Association (Inc)	Town contribution spectator seating at Perth Netball Association	$18,370.00
E045565	25/01/2021	101853	Amcom Telecommunications	IT Communications	$8,334.70
E045566	25/01/2021	102060	RAC BusinessWise	Towing Town vehicle - Rangers	$99.00
E045567	25/01/2021	102108	Battery World	Supply battery - Rangers	$888.90
E045568	25/01/2021	103617	Australian HVAC Services	Air-conditioning repairs/maintenance - WCC, YMCA Out of School Care	$1,254.00
E045569	25/01/2021	103825	Department of Planning Lands and Heritage - DAP Application	DAP Application - Northwood Street, West Leederville	$5,603.00
E045570	25/01/2021	104231	Mobile MOUSe	Staff training course	$1,675.00
E045571	25/01/2021	104404	Initial Hygiene	Sanitiser units - Library	$141.90
E045572	25/01/2021	104414	Prudential Investment Services Corp Pty Ltd	Investment services - Dec 2020	$1,925.00
E045573	25/01/2021	104492	Marketforce Pty Ltd	Market force advertising - Dec 2020	$4,837.91
E045574	25/01/2021	104612	Aveling Training	Staff on-line training courses	$33.00
E045575	25/01/2021	104772	Quayclean Australia Pty Ltd	Contract cleaning services various locations Dec 2020	$17,067.43
E045576	25/01/2021	104865	Ixom Operations Pty Ltd	Pool chemical supplies - Bold Park Aquatic	$174.25
E045577	25/01/2021	105114	Corsign WA	Supply Park signage - Depot	$409.20
E045578	25/01/2021	105195	Aqueo Import and Distribution Pty Ltd	Swim accessories for resale - Bold Park Aquatic	$2,183.94
E045579	25/01/2021	105294	Threat Protect	Mobile security patrol services various locations Jan 2021	$1,992.04
E045580	25/01/2021	105300	The Cookie Barrel	Supply bakery goods for resale Bold Park Aquatic Café	$165.88
E045581	25/01/2021	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$158.12
E045582	25/01/2021	105315	PFD Food Services Pty Ltd	Supply bakery goods for resale Bold Park Aquatic Café	$701.20
E045583	25/01/2021	105411	Flick Anticimex Pty Ltd	Pest control various locations Dec 2020	$1,439.46

Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
E045584	25/01/2021	105429	GFG Temporary Assist - Glen Flood Group Pty Ltd T/As	Temporary labour hire - Infrastructure	$9,199.85
E045585	25/01/2021	105434	ALSCO Pty Limited	Consumables - Bold Park Aquatic	$206.49
E045586	25/01/2021	105555	Thyssenkrupp Elevator Australia Pty Limited	Elevator service - Library	$2,327.59
E045587	25/01/2021	105557	Managed IT Pty Ltd	Computer software - IT	$55.00
E045588	25/01/2021	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$152.50
E045589	25/01/2021	105569	Galaxy 42 Pty Ltd	Consultancy system support	$14,190.00
E045590	25/01/2021	105581	System Maintenance - Ballantyne Commercial Property Services Pty Ltd	Sewer maintenance - WGC	$1,635.00
E045591	25/01/2021	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$34.24
E045592	25/01/2021	105667	Landscape Elements Pty Ltd	Contract mowing/garden maintenance services various locations Dec 2020	$16,638.60
E045593	25/01/2021	105687	Auto Sweep W.A.	Road sweeping various locations - Dec 2020	$6,008.75
E045594	25/01/2021	105692	RTSM Consulting	Road safety audit	$726.00
E045595	25/01/2021	105702	Autopia Management Pty Ltd	Staff Novated lease contributions	$1,128.41
E045596	25/01/2021	105723	MessageMedia	Messaging services - Bold Park Aquatic	$27.50
E045597	25/01/2021	105793	Kyocera Document Solutions Australia Pty Ltd	Photocopier maintenance/copies various locations Dec 2020	$1,162.02
E045598	25/01/2021	105838	OpenForms (Aust) Pty Ltd	On-line advertising - Admin	$426.80
E045599	25/01/2021	105917	Gavin Charles Burgess	Recycling collection - Waste Management	$1,030.48
E045600	25/01/2021	105923	CTI5 Pty Ltd T/As CTI Risk Management	Cash collection services parking ticket machines Dec 2020 - Rangers	$2,217.60
E045601	25/01/2021	105941	BUSS Group	Progress claim concrete repairs project South City Beach Kiosk	$59,207.45
E045602	25/01/2021	105942	Corestaff WA Pty Ltd	Temporary labour hire - Summer Bus	$5,062.57
E045603	25/01/2021	105951	Newground Water Services Pty Ltd	Bore pump repairs/irrigation installation - City Beach Park	$25,481.47
E045604	25/01/2021	105952	RS Components Pty Ltd	Purchase minor equipment - Regulatory & Health services	$1,908.08
E045605	25/01/2021	105953	Peoplesense Pty Ltd	Staff counselling services - People & Culture	$385.00
E045606	25/01/2021	400005	Andrew Graham Thomas	Golf tuition - WGC	$4,178.94
E045607	25/01/2021	400012	Brad Parker	Golf tuition - WGC	$3,012.82
E045608	25/01/2021	400013	Callaway Golf South Pacific Pty Ltd	Stock purchases - WGC	$266.64
E045609	25/01/2021	400020	Cutter and Buck	Stock purchases - WGC	$1,277.65
E045610	25/01/2021	400032	Heiss Products	Stock purchases - WGC	$342.14
E045611	25/01/2021	400048	Richard Brain	Golf tuition - WGC	$1,589.92
E045612	25/01/2021	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$2,767.42
E045613	25/01/2021	400064	Vast Print Management	Design/print advertising material - WGC	$544.50
E045614	25/01/2021	400069	Living Turf	Fertiliser supplies - WGC	$3,509.00
E045615	25/01/2021	400070	Fuel Distributors of WA Pty Ltd	Supply fuel - WGC	$3,753.20
E045616	25/01/2021	400071	Armaguard	Banking collection services Dec 2020 - WGC	$1,086.18
E045617	25/01/2021	400076	Suez Recycling & Recovery (Perth) Pty Ltd	Contract waste collection services - WGC	$1,577.22
E045618	25/01/2021	400081	Thyssenkrupp Elevator Australia Pty Ltd	Elevator service - WGC	$837.46
E045619	25/01/2021	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$2,144.80
E045620	25/01/2021	400095	Link Us Pty Ltd	Communication charges Dec 2020 - WGC	$412.49
E045621	25/01/2021	400099	George Campbell	Golf tuition - WGC	$1,279.31
E045622	25/01/2021	400100	Walkinshaw Sports Pty Ltd	Stock purchases - WGC	$2,442.84
E045623	25/01/2021	400128	Total Turf - The Kirk Family Trust T/as	Artwork/printing tournament flags - WGC	$5,029.75
E045624	25/01/2021	400147	Healthy PC - The Trustee for Talbot Family Trust T/As	Computer hardware - WGC	$3,300.00
E045625	25/01/2021	105296	Kbest Marine Pty Ltd T/As Taskers	Shade sail repairs - Bold Park Aquatic	$34,876.60
				Sub Total	$766,929.57

Payments Issued Listing Week Ending 21 January 2021					
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
E045431	15/01/2021	100007	Australia Post	Postage account Dec 2020	$6,082.78
E045432	15/01/2021	100028	Benara Nurseries	Supply various plants and seedlings - Parks	$700.26
E045433	15/01/2021	100031	BOC Gases Australia Ltd	Oxygen cylinder - Bold Park Aquatic	$18.57
E045434	15/01/2021	100041	Speedo Australia P/L	Swim accessories for resale Bold Park Aquatic	$2,406.25
E045435	15/01/2021	100044	Bunnings Building Supplies Pty Ltd	Hardware items - Admin	$23.72
E045436	15/01/2021	100078	Total Eden Pty Ltd	Testing bore pumps various Parks	$22,863.50
E045437	15/01/2021	100107	Stevlec Electrical Pty Ltd	Electrical/lighting repairs various locations - Dec 2020	$5,305.47
E045438	15/01/2021	100179	Floreat Forum Newsagency	Supply newspaper and magazines - Library	$296.42
E045439	15/01/2021	100202	Connect Call Centre Services	After hours message services Nov 2020 - Rangers	$546.32
E045440	15/01/2021	100227	Ellenby Tree Farm	Supply plants - Parks	$4,257.00
E045441	15/01/2021	100312	Mcleods Barristers & Solicitors	Professional services re: Legal advice various Planning matters	$24,160.18
E045442	15/01/2021	100314	Winc Australia Pty Limited	Stationery - Library	$161.52
E045443	15/01/2021	100319	Landgate - Midland	Gross rental valuations - Rates	$138.61
E045444	15/01/2021	100320	A & M D'Angelo	Supply/deliver limestone Challenger Parade	$11,745.76
E045445	15/01/2021	100372	Perth Frozen Foods P/L	Supply confectionery for resale Bold Park Aquatic Café	$702.60
E045446	15/01/2021	100384	Protection Engineering Pty Ltd	Fire equipment repairs/maintenance various locations	$467.50
E045447	15/01/2021	100391	The Workers Shop	Protective clothing items outside workers	$509.00
E045448	15/01/2021	100423	St John Ambulance Australia	Staff training course	$131.00
E045449	15/01/2021	100632	Technology One Ltd	Consultancy system support	$5,390.00
E045450	15/01/2021	100756	Classic Tree Services	Prune/remove trees/branches various locations Dec 2020	$3,928.38
E045451	15/01/2021	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of drinks for resale Bold Park Aquatic Café	$1,407.50
E045452	15/01/2021	100763	Surf Life Saving of WA	Lifeguard services Oct 2020	$36,795.26
E045453	15/01/2021	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Dec 2020	$15,226.76
E045454	15/01/2021	100796	Mindarie Regional Council	Tipping fees Tamala Park	$17,909.24
E045455	15/01/2021	100930	Bin Bath (Australia) Pty Ltd	Bin cleaning - WCC	$83.82
E045456	15/01/2021	100978	FCT Surface Cleaning	Bore stain removal Parkside Walk	$1,485.00
E045457	15/01/2021	101578	Lock Stock & Farrell Locksmith	Supply keys/locks - City Beach Surf Club	$114.00
E045458	15/01/2021	101629	Bannister Downs Dairy Company	Provisions - Admin	$76.80
E045459	15/01/2021	101639	Docushred	Supply security bin - Admin	$40.70
E045460	15/01/2021	101861	Western Suburbs Building and Landscape Supplies	Supply landscape materials - Fred Burton Car Park	$8,100.00
E045461	15/01/2021	101951	Elliotts Irrigation Pty Ltd	Irrigation maintenance/repairs various locations	$1,689.60
E045462	15/01/2021	102060	RAC BusinessWise	Roadside assistance - Infrastructure, Rangers	$297.00
E045463	15/01/2021	102135	Rohanna Pty Ltd atf The Skipper Unit Trust	Service Town vehicle - Parks	$1,053.09
E045464	15/01/2021	102149	Western Australian Treasury Corporation	Government Guarantee loan fee	$3,906.70
E045465	15/01/2021	102517	Woodlands Distributors & Agencies	Supply drink fountain - Crosby Park	$6,697.90
E045466	15/01/2021	102556	Advam Pty Ltd	Credit card transaction fees Dec 2020 - Rangers	$2,845.57
E045467	15/01/2021	102583	Porter Consulting Engineers	Consultancy services re: Turf Feasibility Study - Lake Monger	$5,500.00
E045468	15/01/2021	102683	AE Hoskins Building Services	Building repairs/maintenance - WGC	$108,460.69
E045469	15/01/2021	102853	Department of Transport - Perth	Owner vehicle search - Rangers	$1,237.60
E045470	15/01/2021	103070	Natural Area Consulting Management Services	Weed control various locations Dec 2020	$11,583.89
E045471	15/01/2021	103130	Dorrington Plumbing & Gas	Plumbing/toilet repairs - WGC / Central City Beach	$1,873.00
E045472	15/01/2021	103384	Ad Astra Drycleaning	Council dry-cleaning services - Dec 2020	$1,259.40
E045473	15/01/2021	103617	Australian HVAC Services	Air-conditioning repairs/maintenance - WCC	$209.00
E045474	15/01/2021	104006	Massey's Herd Milk Supply	Provisions - Depot	$92.80
E045475	15/01/2021	104155	Australia Post - counter transactions	Counter transaction fees Dec 2020 - Rates	$64.61
E045476	15/01/2021	104344	Mackay Urban Design	Design Review Panel services	$1,430.00
E045477	15/01/2021	104492	Marketforce Pty Ltd	Market force advertising - Dec 2020	$7,299.19
E045478	15/01/2021	104510	Scott Print	Printing services - Admin / Governance / Rangers	$2,302.30
E045479	15/01/2021	104612	Aveling Training	On-line staff training	$33.00

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045480	15/01/2021	104746	Skateboarding WA	Skateboard clinic - Community Development	$1,072.50
E045481	15/01/2021	104748	Wembley Supa IGA	Provisions - Senior Services	$717.27
E045482	15/01/2021	104772	Quayclean Australia Pty Ltd	Contract cleaning services various locations	$3,927.87
E045483	15/01/2021	104840	West Coast Shade Pty Ltd	Repair shade sail - Floreat Beach Kiosk	$649.00
E045484	15/01/2021	104911	ANZ Enviro Pty Ltd	Asbestos removal - Lake Monger Bowling Club	$275.00
E045485	15/01/2021	105111	Enviro Infrastructure Pty Ltd	Paving repairs - WCC	$768.71
E045486	15/01/2021	105114	Corsign WA	Supply of various beach and street signage	$754.60
E045487	15/01/2021	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$263.13
E045488	15/01/2021	105311	Cakes West Pty Ltd T/As Danish Patisserie	Supply bakery goods for resale Bold Park Aquatic Café	$534.50
E045489	15/01/2021	105315	PFD Food Services Pty Ltd	Supply frozen goods - Bold Park Aquatic Café	$1,193.35
E045490	15/01/2021	105321	Techworks Electrical	Electrical/lighting repairs - WGC	$299.75
E045491	15/01/2021	105329	Perth Polishing and Protection	Cleaning of summer buses	$200.00
E045492	15/01/2021	105358	Workwear Group Pty Ltd	Supply staff corporate uniforms	$372.32
E045493	15/01/2021	105429	GFG Temporary Assist - Glen Flood Group Pty Ltd T/As	Temporary labour hire - Infrastructure	$11,252.26
E045494	15/01/2021	105506	Distributors Perth (the)	Supply confectionery for resale Bold Park Aquatic Café	$717.60
E045495	15/01/2021	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$152.50
E045496	15/01/2021	105581	System Maintenance - Ballantyne Commercial Property Services Pty Ltd	Grease trap cleaning - Bold Park Aquatic / City Beach Commercial Precinct	$18,737.91
E045497	15/01/2021	105583	Peter Zuvela Photographer	Photography services Citizenship Ceremony - Nov 2020	$450.00
E045498	15/01/2021	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$211.74
E045499	15/01/2021	105627	Advanced Traffic Management WA Pty Ltd	Traffic management services various locations Nov - Dec 2020	$12,850.03
E045500	15/01/2021	105702	Autopia Management Pty Ltd	Staff Novated lease contributions	$1,128.41
E045501	15/01/2021	105712	Coolbinia Newspaper Delivery	Supply of newspapers - Admin	$70.15
E045502	15/01/2021	105801	Common Ground Trails Pty Ltd	Design services - Lake Monger Reserve	$1,286.45
E045503	15/01/2021	105866	Marawar Pty Ltd	Building maintenance/repairs - Library	$22,709.50
E045504	15/01/2021	105869	Techworks Plumbing Pty Ltd	Plumbing/toilet repairs - City Beach Commercial Precinct	$346.50
E045505	15/01/2021	105935	Geoffs Tree Service Pty Ltd	Prune/remove trees/branches Lake Monger	$7,854.00
E045506	15/01/2021	105940	Eco Logical Australia Pty Ltd	Bushfire hazard level assessment - Planning	$1,160.50
E045507	15/01/2021	105942	Corestaff WA Pty Ltd	Temporary labour hire - Summer Bus	$5,058.32
E045508	15/01/2021	105962	Green Machines Lab Pty Ltd	Waste pool blanket collection service - Waste Management	$605.00
E045509	15/01/2021	400003	Amer Sports Australia Pty Ltd	Stock purchases - WGC	$684.75
E045510	15/01/2021	400005	Andrew Graham Thomas	Golf tuition - WGC	$3,906.55
E045511	15/01/2021	400012	Brad Parker	Golf tuition - WGC	$2,613.17
E045512	15/01/2021	400013	Callaway Golf South Pacific Pty Ltd	Stock purchases - WGC	$277.85
E045513	15/01/2021	400021	D.S.J. Enterprises	Stock purchases - WGC	$31.35
E045514	15/01/2021	400027	Dynacast Golf Factory Pty Ltd	Stock purchases - WGC	$3,519.84
E045515	15/01/2021	400028	Eighteen Eves	Stock purchases - WGC	$554.40
E045516	15/01/2021	400038	Mizuno Corporation Australia Pty Ltd	Stock purchases - WGC	$1,407.49
E045517	15/01/2021	400040	Paul A Criddle	Golf tuition - WGC	$703.96
E045518	15/01/2021	400053	Sandersons Outdoor Power Equipment	Minor equipment purchase - WGC	$95.00
E045519	15/01/2021	400058	Simon Smith	Golf tuition - WGC	$1,061.21
E045520	15/01/2021	400060	Srixon Sports Australasia	Stock purchases - WGC	$2,281.03
E045521	15/01/2021	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$2,657.59
E045522	15/01/2021	400064	Vast Print Management	Print advertising material - WGC	$4,284.50
E045523	15/01/2021	400073	Bunnings Building Supplies Pty Ltd	Hardware items - WGC	$299.19
E045524	15/01/2021	400074	Winc Australia Pty Ltd	Stationery - WGC	$169.30
E045525	15/01/2021	400075	Total Eden	Hardware items - WGC	$34.75
E045526	15/01/2021	400083	WellStrategic	Monthly advertising - WGC	$1,980.00
E045527	15/01/2021	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$954.15
E045528	15/01/2021	400093	The Workers Shop	Stock purchases - WGC	$158.00
E045529	15/01/2021	400099	George Campbell	Golf tuition - WGC	$516.25

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045530	15/01/2021	400100	Walkinshaw Sports Pty Ltd	Stock purchases - WGC	$3,603.83
E045531	15/01/2021	400116	Michael Long	Golf tuition - WGC	$3,528.00
E045532	15/01/2021	400145	Brett Michael Rumford	Golf tuition - WGC	$3,460.91
E045533	15/01/2021	400153	Stratagreen	Minor equipment purchase - WGC	$757.33
E045534	15/01/2021	400154	CMMA Digital & Print Pty Ltd	Advertising - WGC	$1,980.00
E045535	18/01/2021	105542	Mills Oakley	Professional services re: Legal advice Industrial Relations - Employment matters	$2,828.10
E045536	21/01/2021	100108	Deputy Commissioner of Taxation Australian Department	PAYG period ending 17/01/21	$142,723.00
E045537	21/01/2021	400136	Range Automation Systems	Driving range bay parts - WGC	$6,089.97
				Sub Total	$617,689.60

Payments Issued Listing Week Ending 15 January 2021					
Payment Number	***Payment Date***	***Payee Code***	***Name/Reference***	***Description***	***Payment Amount***
E045291	4/01/2021	100182	Catherine Barlow	Councillors Allowances January 2021	$2,208.33
E045292	4/01/2021	100204	Rod W Bradley	Councillors Allowances January 2021	$2,208.32
E045293	4/01/2021	104918	Andres Walter Timmermanis	Councillors Allowances January 2021	$2,208.33
E045294	4/01/2021	104919	Keri Liona Shannon	Councillors Allowances January 2021	$8,089.00
E045295	4/01/2021	105361	Ian Everett	Councillors Allowances January 2021	$2,208.33
E045296	4/01/2021	105405	Kathryn J McKerracher	Councillors Allowances January 2021	$3,515.16
E045297	4/01/2021	105768	Alaine Haddon-Casey	Councillors Allowances January 2021	$2,208.33
E045298	4/01/2021	105769	Gary Norman Mack	Councillors Allowances January 2021	$2,208.33
E045299	4/01/2021	105924	Robert John Fredericks	Councillors Allowances January 2021	$2,208.33
E045300	6/01/2021	100034	Australian Service Union	Monthly deductions December 2020	$207.20
E045301	6/01/2021	100073	Child Support Agency	Monthly deductions December 2020	$1,234.48
E045302	6/01/2021	100233	LGRCEU	Monthly deductions December 2020	$656.00
E045303	6/01/2021	100108	Deputy Commissioner of Taxation	PAYG Period Ending 03/01/2021	$172,552.00
E045304	8/01/2021	100038	Bring Couriers	Courier services Dec 2020 - Admin	$335.31
E045305	8/01/2021	100044	Bunnings Building Supplies Pty Ltd	Hardware items - Admin	$52.44
E045306	8/01/2021	100062	City Of Perth	Building/Development application archive retrievals Nov 2020	$459.34
E045307	8/01/2021	100065	Cancer Council Western Australia	Sunscreen protection supplies outside workers	$225.56
E045308	8/01/2021	100078	Total Eden Pty Ltd	Fencing repairs Maloney Reserve - Parks	$1,320.00
E045309	8/01/2021	100107	Stevlec Electrical Pty Ltd	Lighting/electrical repairs various locations Dec 2020	$17,537.19
E045310	8/01/2021	100197	Westbooks	Stock purchases - Library	$755.09
E045311	8/01/2021	100314	Winc Australia Pty Limited	Stationery supplies - Library, Admin	$977.04
E045312	8/01/2021	100372	Perth Frozen Foods P/L	Supply confectionery for resale Bold Park Aquatic Café	$458.95
E045313	8/01/2021	100391	The Workers Shop	Protective clothing items outside workers	$655.00
E045314	8/01/2021	100413	James Bennett Pty Ltd	Stock purchases - Library	$29.88
E045315	8/01/2021	100423	St John Ambulance Australia	Staff first aid courses	$131.00
E045316	8/01/2021	100474	Techsand	Footpath repairs Cambridge Street	$2,200.00
E045317	8/01/2021	100497	Armaguard	Banking collection services Dec 2020 - Admin, Bold Park Aquatic	$781.44
E045318	8/01/2021	100714	Konica Minolta Business Solutions Australia Pty Ltd	Photocopier maintenance/copies Dec 2020 - Library	$25.29
E045319	8/01/2021	100756	Classic Tree Services	Prune/remove trees/branches various locations Dec 2020	$20,459.87
E045320	8/01/2021	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of drinks for resale Bold Park Aquatic Café	$320.54
E045321	8/01/2021	100783	Leo Heaney Pty Ltd	Hire of truck for street tree watering various locations Dec 2020	$10,441.20
E045322	8/01/2021	100793	Messages On Hold	Programming and equipment Dec 2020 - Mar 2021 - Library	$1,079.25
E045323	8/01/2021	100796	Mindarie Regional Council	Tipping fees Tamala Park Dec 2020	$82,936.79
E045324	8/01/2021	100884	Suez Recycling & Recovery (Perth) Pty Ltd	Contract waste collection services various locations Oct 2020	$177,199.04
E045325	8/01/2021	100898	Kerb Doctor	Kerbing installation Challenger Parade	$20,426.62
E045326	8/01/2021	100930	Bin Bath (Australia) Pty Ltd	Bin cleaning Dec 2020 - Library	$70.62
E045327	8/01/2021	100952	Western Metropolitan Regional Council Office	Tipping fees - Depot	$704.09
E045328	8/01/2021	100957	Christie ParkSafe	Supply outdoor BBQ equipment - Parks	$31,987.58
E045329	8/01/2021	100978	FCT Surface Cleaning	BBQ cleaning various locations Dec 2020	$1,782.00
E045330	8/01/2021	101277	Contek Communications	Install communication pit Challenger Parade	$2,095.50
E045331	8/01/2021	101440	Dormakaba Australia Pty Ltd	Service/repairs automatic doors various locations Sept - Oct 2020	$1,060.54
E045332	8/01/2021	101469	All-Type Engraving	Stationery items - Admin	$110.00
E045333	8/01/2021	101578	Lock Stock & Farrell Locksmith	Supply keys/locks various locations Dec 2020	$1,090.20
E045334	8/01/2021	101629	Bannister Downs Dairy Company	Provisions - Admin	$80.00

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045335	8/01/2021	101639	Docushred	Supply security bins - Admin, Senior Services	$79.20
E045336	8/01/2021	101759	Stihl Shop - CSP Group	Hardware items - Depot	$343.50
E045337	8/01/2021	102135	Rohanna Pty Ltd atf The Skipper Unit Trust	Service Town vehicle - Corporate & Community Services	$331.53
E045338	8/01/2021	102186	J & K Hopkins	Supply office furniture - Bold Park Aquatic	$319.00
E045339	8/01/2021	102447	Integrated Distribution Pty Ltd	Consumables - Depot	$1,972.34
E045340	8/01/2021	102669	Sling Lift & Rigging Pty Ltd	Testing/certification heavy lifting equipment - Depot	$2,299.83
E045341	8/01/2021	102683	AE Hoskins Building Services	Building maintenance/repairs various locations - Dec 2020	$6,542.68
E045342	8/01/2021	103130	Dorrington Plumbing & Gas	Plumbing repairs toilet facilities various locations - Dec 2020	$1,466.00
E045343	8/01/2021	103148	Claremont Auto Electrics & Air Conditioning	Repairs Town vehicles - Depot, Infrastructure	$494.84
E045344	8/01/2021	103321	Squire Patton Boggs (AU)	Professional services re: Legal advice - Show Cause Notice	$1,760.00
E045345	8/01/2021	103617	Australian HVAC Services	Air-conditioning repairs - Bold Park Aquatic / WCC	$1,828.75
E045346	8/01/2021	103628	Sunny Industrial Brushware Pty Ltd	Repairs road sweeper - Depot	$1,023.00
E045347	8/01/2021	103834	Zambezi Plumbing and Gas	Plumbing/toilet repairs - Lake Monger	$386.40
E045348	8/01/2021	103986	Liquor Traders Australia	Council refreshments	$688.99
E045349	8/01/2021	104131	Markovich Family Trust T/As Temptations Catering	Catering Admin meetings	$1,199.52
E045350	8/01/2021	104149	Fuel Creative - Dalky Pty Ltd T/As	Design advertising material - Bold Park Aquatic	$176.00
E045351	8/01/2021	104446	Shamrock Tyres	Replacement tyres Town vehicle - Parks	$200.00
E045352	8/01/2021	104827	Play Check	Playground inspection - Bold Park Aquatic	$495.00
E045353	8/01/2021	104866	Altus Planning & Appeals	Professional services re: Planning matter SAT Appeal	$1,980.00
E045354	8/01/2021	105111	Enviro Infrastructure Pty Ltd	Building maintenance/repairs - WCC	$6,129.24
E045355	8/01/2021	105114	Corsign WA	Supply street signage	$614.90
E045356	8/01/2021	105200	Aquabiotics Industrial Pty Ltd	Delivery charge for pool equipment - Bold Park Aquatic	$33.00
E045357	8/01/2021	105294	Threat Protect	Mobile security patrol services Dec 2020 - Admin	$176.74
E045358	8/01/2021	105303	Brownes Foods Operations Pty Limited	Provisions - Bold Park Aquatic Café	$372.08
E045359	8/01/2021	105309	Minbari Pty Ltd T/As Wembley Autocare	Service Town vehicles - Depot / Rangers	$828.50
E045360	8/01/2021	105311	Cakes West Pty Ltd T/As Danish Patisserie	Supply bakery goods for resale Bold Park Aquatic Café	$474.88
E045361	8/01/2021	105315	PFD Food Services Pty Ltd	Supply frozen goods - Bold Park Aquatic Café	$339.75
E045362	8/01/2021	105321	Techworks Electrical	Electrical/lighting repairs - Holyrood Pavilion / WCC	$661.99
E045363	8/01/2021	105358	Workwear Group Pty Ltd	Supply staff corporate uniforms	$4,845.45
E045364	8/01/2021	105393	Imagesource Digital Solutions	Printing advertising material - Planning, Summer Bus Timetable	$540.10
E045365	8/01/2021	105429	GFG Temporary Assist - Glen Flood Group Pty Ltd T/As	Temporary labour hire - Infrastructure	$11,155.80
E045366	8/01/2021	105446	Fresh Convenience Catering - Heart in Hospitality Pty Ltd	Catering Admin meetings	$3,377.05
E045367	8/01/2021	105542	Mills Oakley Lawyers	Professional services re: Legal advice various matters	$15,690.40
E045368	8/01/2021	105558	Quality Oil Filters	Cleaning deep fryer equipment - Bold Park Aquatic Café	$152.50
E045369	8/01/2021	105582	Latin Moves & Fitness	Aquatic instructor - Bold Park Aquatic	$523.20
E045370	8/01/2021	105585	Boulevard IGA (The)	Provisions - Bold Park Aquatic Café	$182.84
E045371	8/01/2021	105587	Coast to Coast The Golden Roast Perth	Catering Staff Christmas function Dec 2020	$3,948.00
E045372	8/01/2021	105594	Nao Williams	Aquatic instructor - Bold Park Aquatic	$366.30
E045373	8/01/2021	105600	Michelle Bariolo	Aquatic instructor - Bold Park Aquatic	$375.00
E045374	8/01/2021	105614	Canon Australia Pty Ltd	Photocopier maintenance/copies Dec 2020 - Admin	$572.61
E045375	8/01/2021	105627	Advanced Traffic Management WA Pty Ltd	Traffic management various locations Nov - Dec 2020	$33,206.19
E045376	8/01/2021	105629	Kee Surfacing Pty Ltd	Supply and lay asphalt various locations	$104,462.36
E045377	8/01/2021	105674	Mobile Dustless Blasting Services Pty Limited	Street line marking removal - Challenger Parade	$770.00
E045378	8/01/2021	105702	Autopia Management Pty Ltd	Staff Novated Lease contributions	$1,128.41
E045379	8/01/2021	105716	OneMusic Australia	Annual background music licence fees - Admin / Bold Park Aquatic	$6,535.43

Payment Number	Payment Date	Payee Code	Name/Reference	Description	Payment Amount
E045380	8/01/2021	105746	Marebar Pty Ltd T/as DBS Fencing	Fencing replacement - various locations	$19,767.00
E045381	8/01/2021	105764	Culture Counts (Australia) Pty Ltd	Annual subscription - Library	$1,650.00
E045382	8/01/2021	105786	Allproof Industries (WA) Pty Ltd	Building repairs/maintenance - Floreat Surf Lifesaving Club	$18,334.60
E045383	8/01/2021	105842	The HP Hamersley Trust T/as Value Tissue	Consumables - Bold Park Aquatic	$541.20
E045384	8/01/2021	105891	MDM Entertainment Pty Ltd	Stock purchases - Library	$57.18
E045385	8/01/2021	105920	Deborah Langley T/As Eventism	Annual website subscription - Quarry	$220.00
E045386	8/01/2021	105940	Eco Logical Australia Pty Ltd	Bushfire hazard level assessment - Planning	$1,166.00
E045387	8/01/2021	105942	Corestaff WA Pty Ltd	Temporary labour hire - Summer Bus	$7,219.91
E045388	8/01/2021	105956	Oracle Surveys Pty Ltd	Professional services re Survey - Quarry	$1,850.00
E045389	8/01/2021	400003	Amer Sports Australia Pty Ltd	Stock purchases - WGC	$10,879.13
E045390	8/01/2021	400004	American Golf Supplies	Stock purchases - WGC	$6,465.23
E045391	8/01/2021	400005	Andrew Graham Thomas	Golf tuition - WGC	$3,056.85
E045392	8/01/2021	400012	Brad Parker	Golf tuition - WGC	$5,095.27
E045393	8/01/2021	400013	Callaway Golf South Pacific Pty Ltd	Stock purchases - WGC	$6,005.65
E045394	8/01/2021	400016	Claire Elvidge	Golf tuition - WGC	$4,008.14
E045395	8/01/2021	400018	Country Club International Pty Ltd	Stock purchases - WGC	$729.30
E045396	8/01/2021	400019	Culture Counts Australia Pty Ltd	Annual subscription - WGC	$550.00
E045397	8/01/2021	400020	Cutter and Buck	Stock purchases - WGC	$2,153.80
E045398	8/01/2021	400027	Dynacast Golf Factory Pty Ltd	Stock purchases - WGC	$5,117.17
E045399	8/01/2021	400031	Golf Imports	Stock purchases - WGC	$1,765.17
E045400	8/01/2021	400035	Luxottica Australia	Stock purchases - WGC	$907.07
E045401	8/01/2021	400038	Mizuno Corporation Australia Pty Ltd	Stock purchases - WGC	$2,590.14
E045402	8/01/2021	400042	Peter Wright Golf Agencies Pty Ltd	Stock purchases - WGC	$918.19
E045403	8/01/2021	400048	Richard Brain	Golf tuition - WGC	$991.94
E045404	8/01/2021	400060	Srixon Sports Australasia	Stock purchases - WGC	$12,468.00
E045405	8/01/2021	400061	Taylor Made Golf Australia Pty Ltd	Stock purchases - WGC	$507.78
E045406	8/01/2021	400068	Stihl Shop - CSP Group	Minor equipment purchase - WGC	$764.00
E045407	8/01/2021	400069	Living Turf	Fertiliser supplies - WGC	$5,911.40
E045408	8/01/2021	400084	Miclub Services	Internet services - WGC	$1,644.50
E045409	8/01/2021	400089	South Metropolitan TAFE	Staff training - WGC	$87.75
E045410	8/01/2021	400092	Acushnet Australia Pty Ltd	Stock purchases - WGC	$9,859.99
E045411	8/01/2021	400093	The Workers Shop	Supply protective clothing items outside workers - WGC	$793.00
E045412	8/01/2021	400095	Link Us Pty Ltd	Communication charges Nov 2020 - WGC	$408.71
E045413	8/01/2021	400096	Threat Protect	Mobile security patrol services - WGC	$115.50
E045414	8/01/2021	400097	Golf Chariots (Aust) Pty Ltd	Golf cart hire - WGC	$880.00
E045415	8/01/2021	400098	Dickies Tree Service	Prune/remove trees/branches - WGC	$10,956.00
E045416	8/01/2021	400099	George Campbell	Golf tuition - WGC	$1,292.69
E045417	8/01/2021	400100	Walkinshaw Sports Pty Ltd	Stock purchases - WGC	$2,533.25
E045418	8/01/2021	400105	Corpcloud Pty Ltd	IT communication charges - WGC	$121.00
E045419	8/01/2021	400107	GPC Asia Pacific Pty Ltd T/As Covs	Hardware items - WGC	$1,284.98
E045420	8/01/2021	400108	Green Workz Pty Ltd	Fertiliser supplies - WGC	$1,100.00
E045421	8/01/2021	400111	Golf Performance - Benjamin Percival	Golf tuition - WGC	$1,841.56
E045422	8/01/2021	400112	Puma Australia Pty Ltd	Stock purchases - WGC	$4,114.89
E045423	8/01/2021	400119	Direct One Agencies Pty Ltd	Stock purchases - WGC	$660.00
E045424	8/01/2021	400131	Sporte' Leisure Pty Ltd	Stock purchases - WGC	$832.48

Payment Number	*Payment Date*	*Payee Code*	*Name/Reference*	*Description*	*Payment Amount*
E045425	8/01/2021	400139	Avenel of Melbourne Unit Trust	Stock purchases - WGC	$321.20
E045426	8/01/2021	400144	MGI Golf Pty Ltd	Equipment items - WGC	$1,651.10
E045427	8/01/2021	400151	The Trustee for Revolution Sports Australasia Trust	Golf buggy hire - WGC	$4,180.00
E045428	8/01/2021	400152	Harvey Norman AV/IT Superstore	Replacement fridge - WGC	$954.00
E045429	12/01/2021	103816	Department of Mines Industry Regulation and Safety - BSL	Building levies - December 2020	$19,555.90
E045430	12/01/2021	100760	Coca-Cola Amatil (Aust) Pty Ltd	Supply of drinks for resale Bold Park Aquatic Café	
				Sub Total	$987,427.43

PAYMENT ISSUED LISTING PERIOD ENDING December 2020					
EFT	EFT	Name/Reference	Description	EFT	
Number	Date			Amount	
Investments Listing					
INV1220	02-Dec-20	ANZ	Investment of Municipal Fund for 12 Months (New)		1,000,000.00
INV1221	02-Dec-20	ANZ	Investment of Municipal Fund for 12 Months (New)		2,500,000.00
INV1222	18-Dec-20	NAB	Investment of Municipal Fund for 12 Months (New)		2,000,000.00
INV1223	22-Dec-20	Macquarie	Investment of Municipal Fund for 12 Months (Rollover)		1,000,000.00
			Subtotal:	**$**	**6,500,000.00**
Supplier Direct Bank Debit Listing					
Sup575	01-Dec-20	Commonwealth Bank	Acquisition 39 Southport Street West Leederville Loan	$	3,293.62
Sup576	04-Dec-20	Commonwealth Bank	Mastercard November 2020	$	10,027.55
Sup577	21-Dec-20	Viva Energy	Fuel November 2020	$	13,604.73
			Subtotal:	**$**	**26,925.90**
WGC Direct Bank Debit Listing					
DD615	02.12.2020	Capital Finance	Cart Lease		13,307.32
DD616	03.12.2020	Capital Finance	Cart Lease		4,423.71
DD617	03.12.2020	Capital Finance	Cart Lease		911.55
DD618	07.12.2020	Fin Rent	Plant		3,544.20
DD619	14.12.2020	MiClub	IT		2,161.50
DD620	16.12.2020	Cineads	Advertising		2,750.00
DD621	31.12.2020	Delage Landen	Plant		21,792.06
			Subtotal:	**$**	**48,890.34**
Payroll EFTs Issued Listing					
1240	4/12/2020	Net Pay	Employee Termination	$	66,289.46
1241	8/12/2020	Net Pay	Net Wages (23/11/2020-6/12/2020)	$	494,301.48
1242	8/12/2020	Net Pay	Employee Termination	$	17,704.75
1243	22/12/2020	Net Pay	Net Wages (7/12/2020-20/12/2020)	$	498,052.11
1244	29/12/2020	Net Pay	Employee Termination	$	31,712.47
			Subtotal:	**$**	**1,108,060.27**
			Total	**$**	**7,683,876.51**

COMMUNITY AND RESOURCES COMMITTEE MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.7

INVESTMENT SCHEDULE – JANUARY 2021

TOWN OF CAMBRIDGE
CONSOLIDATED INVESTMENTS
For the month of Jan 2021

Investments	Ending Balance 30 November 2020	Ending Balance 31 January 2021	Monthly Income
Direct Investments	$61,802,204.54	$61,291,906.52	$36,093.73
	$61,802,204.54	$61,291,906.52	$36,093.73

Council's Accounts	Ending Balance 30 November 2020	Ending Balance 31 January 2021	Monthly Income
Municipal	$28,582,075.61	$31,066,684.33	$17,851.16
Reserves	$30,685,303.48	$27,690,396.74	$16,825.28
Endowment Lands	$2,534,825.45	$2,534,825.45	$1,417.29
	$61,802,204.54	$61,291,906.52	$36,093.73

Sorted by Account

Cambridge Municipal Account	31-Dec-20	31-Jan-21	Monthly Transactions Deposits	Redemptions	Monthly Income	Fin YTD Income	Monthly Performance (actual)	Monthly Performance * (annualised)	Direct Investment Purchase Price
NAB TD due 7 Jul 20					$0.00	$230.14			
Macquarie TD due 21 Jul 20					$0.00	$883.24			
Suncorp TD due 15 Sep 20					$0.00	$4,216.44			
Suncorp TD due 6 Oct 20					$0.00	$6,486.17			
Macquarie TD due 27 Oct 20					$0.00	$5,552.27			
ANZ TD due 10 Nov 20					$0.00	$5,388.49			
Macquarie TD due 7 Dec 20					$0.00	$11,152.41			
Suncorp TD due 15 Dec 20					$0.00	$7,778.09			
Macquarie TD due 21 Dec 20					$0.00	$12,213.85			
NAB TD due 18 Jan 21	$1,006,709.59			$1,006,709.59	$459.50	$5,432.92			
NAB TD due 1 Feb 21	$1,004,832.88	$1,004,832.88			$725.41	$4,890.65		0.85%	
NAB TD due 9 Feb 21	$1,000,000.00	$1,000,000.00			$509.59	$2,120.55		0.60%	
Suncorp TD due 16 Feb 21	$1,000,000.00	$1,000,000.00			$594.52	$3,068.49		0.70%	
NAB TD due 23 Feb 21	$1,000,000.00	$1,000,000.00			$594.52	$2,742.47		0.70%	
Suncorp TD due 16 Mar 21	$1,000,000.00	$1,000,000.00			$1,358.90	$9,424.65		1.60%	
NAB TD due 16 Mar 21	$1,000,000.00	$1,000,000.00			$594.52	$2,742.47		0.70%	
ANZ TD due 16 Mar 21	$1,000,000.00	$1,000,000.00			$560.55	$2,495.34		0.66%	
Suncorp TD due 4 Apr 21	$1,537,591.50	$1,537,591.50			$783.54	$2,982.51		0.60%	
NAB TD due 20 Apr 21	$1,000,000.00	$1,000,000.00			$569.04	$2,551.51		0.67%	
NAB TD due 27 Apr 21	$1,000,000.00	$1,000,000.00			$620.00	$3,200.00		0.73%	
ANZ TD due 4 May 21	$1,000,000.00	$1,000,000.00			$577.53	$2,570.96		0.68%	
ANZ TD due 18 May 21	$1,000,000.00	$1,000,000.00			$577.53	$2,570.96		0.68%	
NAB TD due 25 May 21	$1,000,000.00	$1,000,000.00			$603.01	$2,781.64		0.71%	
NAB TD due 22 Jun 21	$1,000,000.00	$1,000,000.00			$594.52	$2,665.75		0.70%	
NAB TD due 6 Jul 21	$2,000,000.00	$2,000,000.00			$1,273.97	$6,205.48		0.75%	
NAB TD due 17 Aug 21	$1,000,000.00	$1,000,000.00			$543.56	$2,261.92		0.64%	
NAB TD due 27 Sep 21	$1,000,000.00	$1,000,000.00			$594.52	$2,473.97		0.70%	
Westpac TD due 7 Oct 21	$1,000,000.00	$1,000,000.00			$594.52	$2,243.84		0.70%	
ANZ TD due 9 Nov 21	$1,011,144.38	$1,011,144.38			$429.39	$1,149.66		0.50%	
Westpac TD due 23 Nov 21	$1,000,000.00	$1,000,000.00			$509.59	$1,150.68		0.60%	
Westpac TD due 30 Nov 21	$1,000,000.00	$1,000,000.00			$518.08	$1,169.86		0.61%	
Westpac TD due 7 Dec 21	$1,000,000.00	$1,000,000.00			$518.08	$1,169.86		0.61%	
ANZ TD due 14 Dec 21	$1,000,000.00	$1,000,000.00			$407.67	$802.19		0.48%	
NAB TD due 14 Dec 21	$2,000,000.00	$2,000,000.00			$900.27	$1,306.85		0.53%	
ANZ TD due 21 Dec 21	$2,500,000.00	$2,500,000.00			$1,019.18	$2,005.48		0.48%	
Macquarie TD due 21 Dec 21	$1,000,000.00	$1,000,000.00			$636.99	$863.01		0.75%	
NAB TD due 18 Jan 22		$1,013,115.57	$1,013,115.57		$182.64	$182.64		0.47%	
Total Muni Account	$31,060,278.35	$31,066,684.33	$1,013,115.57	$1,006,709.59	$17,851.16	$129,127.41			
Cambridge Reserve									
Emerald Series 2006-1	$516,520.95	$516,520.95			$205.39	$1,590.46		0.47%	$1,000,000.00
Macquarie TD due 3 Aug 20					$0.00	$2,968.51			
NAB TD due 4 Aug 20					$0.00	$1,086.53			
Suncorp TD due 18 Aug 20					$0.00	$4,192.23			
Macquarie TD due 25 Aug 20					$0.00	$2,733.54			
NAB TD due 1 Sep 20					$0.00	$3,439.38			
Macquarie TD due 1 Sep 20					$0.00	$2,397.44			
Suncorp TD due 29 Sep 20					$0.00	$4,191.79			
NAB TD due 6 Oct 20					$0.00	$8,132.05			
Macquarie TD due 20 Oct 20					$0.00	$6,438.26			
NAB TD due 26 Oct 20					$0.00	$6,090.41			
Macquarie TD due 24 Nov 20					$0.00	$12,800.00			
Macquarie TD due 4 Dec 20					$0.00	$14,104.11			
ANZ TD due 14 Dec 21					$0.00	$3,683.84			

ANZ TD due 4 Jan 21	$1,016,646.58			$1,016,646.58	$68.52	$4,271.03	
ANZ TD due 2 Mar 21	$1,000,000.00	$1,000,000.00			$713.42	$4,947.94	0.84%
ANZ TD due 30 Mar 21	$1,000,000.00	$1,000,000.00			$586.03	$3,024.66	0.69%
ANZ TD due 13 Apr 21	$1,000,000.00	$1,000,000.00			$586.03	$3,024.66	0.69%
ANZ TD due 11 May 21	$2,000,000.00	$2,000,000.00			$1,307.95	$7,046.03	0.77%
Westpac TD due 26 May 21	$2,000,000.00	$2,000,000.00			$1,019.18	$3,846.58	0.60%
Westpac TD due 1 Jun 21	$1,594,508.00	$1,594,508.00			$1,218.82	$8,453.08	0.90%
ANZ TD due 8 Jun 21	$1,000,000.00	$1,000,000.00			$662.47	$3,867.95	0.78%
NAB TD due 29 Jun 21	$2,000,000.00	$2,000,000.00			$1,613.70	$11,191.78	0.95%
NAB TD due 20 Jul 21	$2,031,012.70	$2,031,012.70			$1,293.73	$6,385.17	0.75%
NAB TD due 3 Aug 21	$1,017,859.09	$1,017,859.09			$734.81	$4,290.35	0.85%
Westpac TD due 5 Aug 21	$2,000,000.00	$2,000,000.00			$1,358.90	$7,890.41	0.80%
Suncorp TD due 31 Aug 21	$1,008,756.16	$1,008,756.16			$514.05	$2,072.79	0.60%
Westpac TD due 7 Sep 21	$3,500,000.00	$3,500,000.00			$2,080.82	$9,598.63	0.70%
Westpac TD due 21 Oct 21	$3,000,000.00	$3,000,000.00			$1,528.77	$5,079.45	0.60%
Westpac TD due 26 Oct 21	$2,000,000.00	$2,000,000.00			$1,019.18	$3,221.92	0.60%
ANZ TD due 4 Jan 22		$1,021,739.84	$1,021,739.84		$313.52	$313.52	0.40%
Total Reserve Account	$27,685,303.48	$27,690,396.74	$1,021,739.84	$1,016,646.58	$16,825.28	$162,374.48	
Cambridge Endowment Account							
NAB TD due 8 Sep 20					$0.00	$2,589.68	
Suncorp TD due 13 Oct 20					$0.00	$4,786.85	
Suncorp TD due 9 Mar 21	$1,009,297.53	$1,009,297.53			$471.47	$1,688.15	0.55%
NAB TD due 28 Jun 21	$1,525,527.92	$1,525,527.92			$945.83	$4,454.54	0.73%
Total Endowment Account	$2,534,825.45	$2,534,825.45			$1,417.29	$13,519.22	
							UBS Bank Bill Index
Total Portfolio	**$61,280,407.28**	**$61,291,906.52**	**$2,034,855.41**	**$2,023,356.17**	**$36,093.73**	**$305,021.12**	**0.01%**

*** Performance figures for the FRN are average coupon annualised**

Sorted by Investment

	31-Dec-20 Face Value	31-Jan-21 Face Value	Monthly Transactions Deposits	Redemptions	Monthly Income	Fin YTD Income	Monthly Performance (actual)	Monthly Average Coupon (annualised)	Direct Investment Purchase Price
Emerald Series 2006-1	$516,520.95	$516,520.95			$205.39	$1,590.46		0.47%	$1,000,000.00
AMP TD					$0.00	$0.00			
ANZ TD	$14,527,790.96	$14,532,884.22	$1,021,739.84	$1,016,646.58	$7,809.79	$47,162.70		0.63%	
Bank of Western Australia					$0.00	$0.00			
Macquarie TD	$1,000,000.00	$1,000,000.00			$636.99	$72,106.65		0.75%	
NAB TD	$21,585,942.18	$21,592,348.16	$1,013,115.57	$1,006,709.59	$13,353.14	$89,448.84		0.72%	
Suncorp TD	$5,555,645.19	$5,555,645.19			$3,722.48	$50,888.15		0.79%	
Westpac TD	$18,094,508.00	$18,094,508.00			$10,365.94	$43,824.31		0.67%	
	$61,280,407.28	$61,291,906.52	$2,034,855.41	$2,023,356.17	$36,093.73	$305,021.12			
								UBS Bank Bill Index	
Total Portfolio	**$61,280,407.28**	**$61,291,906.52**	**$2,034,855.41**	**$2,023,356.17**	**$36,093.73**	**$305,021.12**			
Accrued Interest		**$147,580.11**						0.01%	
Total Adjusted Investment		**$61,439,486.63**							

Town of Cambridge

COMMUNITY AND RESOURCES COMMITTEE MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.9

CORRESPONDENCE FROM THE WESTERN AUSTRALIAN ELECTORAL COMMISSION DATED 16 DECEMBER 2020

LGE 028

DOCUMENT MANAGEMENT
22 DEC 2020
DOC SET ID

WESTERN AUSTRALIAN
Electoral Commission

Mr John Giorgi
Chief Executive Officer
Town of Cambridge
PO Box 15
FLOREAT WA 6014

Dear Mr Giorgi

Local Government Ordinary Election: 2021

The next local government ordinary elections are being held on 16 October 2021. While this is still some distance in the future, I have enclosed an estimate for your next ordinary election to assist in your 2021/2022 budget preparations.

The estimated cost for the 2021 election if conducted as a postal ballot is $90,000 inc GST, which has been based on the following assumptions:

- 19,700 electors
- response rate of approximately 40%
- 4 vacancies
- count to be conducted at the offices of the Town of Cambridge
- appointment of a local Returning Officer
- regular Australia Post delivery service to apply for the lodgement of the election packages.

An additional amount of $3,940 will be incurred if your Council decides to opt for the Australia Post Priority Service for the lodgement of election packages.

Costs not incorporated in this estimate include:

- any legal expenses other than those that are determined to be borne by the Western Australian Electoral Commission in a Court of Disputed Returns
- one local government staff member to work in the polling place on election day
- any additional postage rate increase by Australia Post
- any unanticipated costs arising from public health requirements for the COVID-19 pandemic.

164466

The Commission is required by the *Local Government Act* to conduct local government elections on a full cost recovery basis and you should note that this is an estimate only and may vary depending on a range of factors including the cost of materials or number of replies received. The basis for charges is all materials at cost and a margin on staff time only. Should a significant change in this figure become evident prior to or during the election you will be advised as early as possible.

The current procedure required by the Act is that my written agreement has to be obtained before the vote by Council is taken. To facilitate the process, you can take this letter as my agreement to be responsible for the conduct of the ordinary elections in 2021 for the Town of Cambridge in accordance with section 4.20(4) of the *Local Government Act 1995*, together with any other elections or polls that may also be required. My agreement is subject to the proviso that the Town of Cambridge also wishes to have the election undertaken by the Western Australian Electoral Commission as a postal election.

In order to achieve this, your council would need to pass the following two motions by absolute majority:

- Declare, in accordance with section 4.20(4) of the *Local Government Act 1995*, the Electoral Commissioner to be responsible for the conduct of the 2021 ordinary elections together with any other elections or polls which may be required
- Decide, in accordance with section 4.61(2) of the *Local Government Act 1995* that the method of conducting the election will be as a postal election.

I look forward to conducting this election for the Town of Cambridge in anticipation of an affirmative vote by Council. If you have any further queries please contact Phil Richards Manager, Election Events on 9214 0400.

Yours sincerely

RKennedy

Robert Kennedy
ELECTORAL COMMISSIONER

16 December 2020

Town of Cambridge

COMMUNITY AND RESOURCES COMMITTEE MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.10

REGISTER OF DELEGATIONS EXERCISED 1 OCTOBER 2020 – 31 DECEMBER 2020

Attachment 1

REGISTER OF DELEGATIONS EXERCISED

(Excluding Building and Planning Matters)

Reporting Period: 1 October 2020 – 31 December 2020

CORPORATE AND COMMUNITY SERVICES

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.20	22 December 2020	Refer, grant discounts, waive or write off debts	Fee waiver of the use of the Main Hall at Wembley Community Centre	CEO, John Giorgi
1.2.20	21 December 2020	Refer, grant discounts, waive or write off debts	Fee waiver for hire of the Dining Room at Wembley Community Centre	CEO, John Giorgi
1.2.20	18 December 2020	Refer, grant discounts, waive or write off debts	Application to waive overdue Library loans	CEO, John Giorgi
1.2.20	17 December 2020	Refer, grant discounts, waive or write off debts	Fee waiver of the use of the Main Hall at Wembley Community Centre	CEO, John Giorgi
1.220	11 December 2020	Refer, grant discounts, waive or write off debts	Fee waiver for the use of Floreat Beach	CEO, John Giorgi
1.2.20	4 December 2020	Waiving of fees and charges	Quarry Amphitheatre – waiving of fees and charges – venue hire only	CEO, John Giorgi
1.2.20	2 December 2020	Refer, grant discounts, waive or write off debts	Application to waive overdue Library loans	A/Director Corporate and Community Services, Roy Ruitenga
1.2.20	2 December 2020	Refer, grant discounts, waive or write off debts	Application to waive overdue Library loans	A/Director Corporate and Community Services, Roy Ruitenga
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	A/Director Corporate and Community Services, Roy Ruitenga

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Community Services, Priya Narula
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	A/Manager Corporate Business Paul O'Keefe
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Bold Park Aquatic Centre, Stefan Humphreys
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	General Manager WGC, Josh Madden
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Operations Manager WGC, Jason Roach
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Superintendent WGC, Darren Wilson
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Renee McIntosh
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Courtney Aylett
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Administration Officer Corporate Support, Sarah Gould
1.2.20	6 November 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Fee waiver for the hire of Lake Monger	CEO, John Giorgi
1.2.20	6 November 2020	Refer, grant discounts, waive or write off debts	Fee waive for the hire of the City Beach Foreshore	CEO, John Giorgi
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	A/Director Corporate and Community Services, Roy Ruitenga
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Community Services, Priya Narula

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	November 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Corporate Business Rob Andrews
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	A/Manager Corporate Business Paul O'Keefe
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Bold Park Aquatic Centre, Stefan Humphreys
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	General Manager WGC, Josh Madden
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Operations Manager WGC, Jason Roach
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Superintendent WGC, Darren Wilson
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Renee McIntosh
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Courtney Aylett
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Administration Officer Corporate Support, Sarah Gould
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	A/Director Corporate and Community Services, Roy Ruitenga
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Community Services, Priya Narula
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Corporate Business Rob Andrews
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager Bold Park Aquatic Centre, Stefan Humphreys

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	General Manager WGC, Josh Madden
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Operations Manager WGC, Jason Roach
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Property & Procurement, Paul O'Keefe
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Renee McIntosh
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Coordinator Community Services, Courtney Aylett
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Administration Officer Corporate Support, Sarah Gould
1.2.20	29 October 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Fee reduction for the hire of Holyrood Pavilion	CEO, John Giorgi
1.2.20	29 October 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Fee waiver for hire of the dining room at the Wembley Community Centre	CEO, John Giorgi
1.2.20	28 October 2020	Defer, Grant Discounts, Waive or Write Off Debt	Discounted charges for the Quarry Amphitheatre	CEO, John Giorgi
1.2.20	23 October 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Fee waiver for hire of the dining room at the Wembley Community Centre	CEO, John Giorgi
1.2.20	14 October 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Fee waiver for hire of Jubilee Reserve	CEO, John Giorgi
1.2.20	14 October 2020	Grant a Concession in Relation to Money Which is Owed to the Town	Application to waive fines for overdue library loans	CEO, John Giorgi
1.2.20	8 October 2020	Parkrun 2020/21 – Fee waiver and for ongoing bookings	Approval to waive Perry Lakes Reserve annual hire fee	CEO, John Giorgi

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.20	6 October 2020	Defer, Grant Discount, Waive or Write off Debts	Approval to waive venue hire for a charity performance at the Quarry Amphitheatre	CEO, John Giorgi

GOVERNANCE AND OFFICE OF THE CHIEF EXECUTIVE

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	1 October 2020 to 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 53 requisitions/credit card purchases approved within the designated limit during the reporting period.	Coordinator Governance and Office of the CEO – Lee Gyomorei.
1.2.29	Thursday, 31 December 2020	Appointment of Acting Chief Executive Officer (Policy 012 – Chief Executive Officer Taking of Leave and Acting Role)	Chief Executive Officer Leave 4-15 January Inclusive. Appointment of Acting Chief Executive Officer as follows: 1. Steve Cleaver – 4 and 5 January 2021. 2. Kelton Hincks – 6-15 January 2021 (inclusive).	Chief Executive Officer – John Giorgi, JP

INFRASTRUCTURE AND WORKS

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.10	1 October 2020 – 31 December 2020	Obstruction of Footpaths and Thoroughfares	A total of 3 obstruction permits approved during the reporting period.	Former Manger Technical Service and Works – Peter Foxcroft
1.2.13	1 October 2020 – 31 December 2020	Private Works on, over or under Public Places	A total of 1 permit approved during the reporting period.	Former Manger Technical Service and Works - Peter Foxcroft
11.3.2	1 October 2020 – 31 December 2020	Traffic Management - Road Works	A total of 38 traffic management permits approved during the reporting period.	Former Manger Technical Service and Works – Peter Foxcroft
11.3.1	1 October 2020 – 31 December 2020	Traffic Management - Events on Roads	A total of 5 traffic management permits approved during the reporting period.	Former Manger Technical Service and Works – Peter Foxcroft
1.2.12	1 October 2020 – 31 December 2020	Crossing - Construction, Repair and Removal	A total of 19 cross overs approved during the reporting period.	Former Manger Technical Service and Works – Peter Foxcroft
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 11 requisitions approved within the designated expenditure limit during the reporting period.	Senior Administration Officer – Rachael Pearce
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 45 requisitions approved within the designated expenditure limit during the reporting period.	Director Infrastructure and Works – Kelton Hincks
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 5 requisitions approved within the designated expenditure limit during the reporting period.	Senior Landscape Officer – Patrick Bewley
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 7 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Projects – George Putland

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 47 requisitions approved within the designated expenditure limit during the reporting period.	Manager Parks and Natural Environment – Andrew head
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 20 requisitions approved within the designated expenditure limit during the reporting period.	Former Manager Asset Management - Peter Maloney
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 20 requisitions approved within the designated expenditure limit during the reporting period.	Former Manager Infrastructure and Works – Peter Foxcroft
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 79 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Parks – Mark Williams
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 25 requisitions approved within the designated expenditure limit during the reporting period.	Former Coordinator Parks – Mark Crowther
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 29 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Design, Waste and Technical Services - Peter La Roche
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 39 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Infrastructure Works – Charlie Silvestro
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 2 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Building Maintenance – Charlie Reynolds
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 2 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Asset Management – Peter La Roche
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 79 requisitions approved within the designated expenditure limit during the reporting period.	Building Maintenance Officer – Mark Mackney

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 166 requisitions approved within the designated expenditure limit during the reporting period.	Building Maintenance Officer – Tim Schmidt
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 55 requisitions approved within the designated expenditure limit during the reporting period.	Building Maintenance Officer – Steve Kesich
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 51 requisitions approved within the designated expenditure limit during the reporting period.	Leading Hand Parks(Built Assets) – David Millman
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 65 requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Works – Charlie Silvestro
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 34 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Contracts – David Willmott
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 17 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Projects – Michael Muia
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 8 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Works – Dusan Krsteski
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 8 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Parks – Domenic Scibilia
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 30 requisitions approved within the designated expenditure limit during the reporting period.	Leading Hand Parks (Irrigation) – Steve Davies
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 4 requisitions approved within the designated expenditure limit during the reporting period.	Acting Leading Hand Parks (Irrigation) – Dean Collet

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 34 requisitions approved within the designated expenditure limit during the reporting period.	Leading Hand Parks (Street and Park Trees) – Andrew Martin
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 28 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Parks – Domenic Scibilia
1.2.19	1 October 2020 – 31 December 2020	Payments from the Municipal, Reserve or Trust Funds	A total of 20 requisitions approved within the designated expenditure limit during the reporting period.	Crew Leader Parks – Michael Burn

PEOPLE AND CULTURE

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager People and Culture, Natasha King
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Human Resources Systems Officer, Jasper Silver
1.2.19	December 2020	As per December 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Payroll Officer, Suzanne Bird
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager People and Culture, Natasha King
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Human Resources Systems Officer, Jasper Silver
1.2.19	November 2020	As per November 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Payroll Officer, Suzanne Bird
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Manager People and Culture, Natasha King
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Human Resources Systems Officer, Jasper Silver
1.2.19	October 2020	As per October 2020 Technology One Systems Financial audit trail	Approval of requisitions	Senior Payroll Officer, Suzanne Bird

PLANNING AND DEVELOPMENT

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
1.2.19	1 October 2020 - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Acting Director Planning and Development – Brett Cammell.
1.2.19	1 October 2020 - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Manager Regulatory Services – Steve Cleaver.
1.2.19	1 October - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Manager Statutory Planning - Jennifer Heyes.
1.2.19	1 October - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Acting Manager Strategic Planning -Simon Shub.
1.2.19	1 October - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Health and Compliance -Graeme Bissett.
1.2.19	1 October - 31 December 2020	Payment from Municipal, Reserve or Trust Funds.	Requisitions approved within the designated expenditure limit during the reporting period.	Coordinator Rangers and Community Safety Services - Mark Allies.

REGULATORY SERVICES

Delegation Reference No	Date Exercised	Delegated Authority Title	Summary Details of Delegation Exercised	Name and Designation of Person Exercising the Delegation
2.2.6	1 October 2020 – 31 December 2020	Determine Applications for a Stallholder's or Trader's Permit	Approve a total of 20 Permits under The Town of Cambridge's Public Places Local Law 2016 for stallholders and Trader's to operate in the Town	Coordinator Health and Compliance – Graeme Bissett
7.1.3	1 October 2020 – 31 December 2020	Food Business Registrations	11 new food Business Registrations were granted during the reporting period.	Manager Regulatory Services - Steve Cleaver
10.1.1	1 October 2020 – 31 December 2020	*Liquor Control Act 1988* – Issue of Certificate	Issue of 2 Section 39 Certificates under the*Liquor Control Act 1998* for a premises in West Leederville and Floreat.	Manager Regulatory Services - Steve Cleaver
2.1.5	1 October 2020 – 31 December 2020	Parking Local Law	Parking Infringements x 1400 Parking Cautions x 348	Ranger Services
2.1.1	1 October 2020 – 31 December 2020	Animal Local Law	Animal related Infringements x 1 Animal related Cautions x 20	Ranger Services
2.1.7	1 October 2020 – 31 December 2020	Waste Local Law	Waste related Infringement x 0 Waste related Cautions x 0	Ranger Services
2.1.3	1 October 2020 – 31 December 2020	Town of Cambridge Public Property Local Law	Public Property related Infringement x 0 Public Property related Cautions x 2	Ranger Services
6.1	1 October 2020 – 31 December 2020	Dog Act	New Dogs Registered x 132 Total Dogs Registered x 3,507	Ranger Services
1.3.10	1 October 2020 – 31 December 2020	Infringement Notices	Withdrawal of 149 Parking Infringements. Withdrawal of 1 Animal related infringements	Manager Regulatory Services- Steve Cleaver.

Town of Cambridge

COMMUNITY AND RESOURCES COMMITTEE MEETING

MONDAY 15 FEBRUARY 2021

ATTACHMENT TO ITEM CR21.11

COUNCIL POLICY NO: 021 COMPLAINT MANAGEMENT POLICY

COMPLAINT MANAGEMENT POLICY

COUNCIL POLICY NO: 021	
Responsible Directorate	Office of the CEO
Responsible Section	Governance
Responsible Officer	Chief Executive Officer

OBJECTIVE:

The purpose of this policy is to provide guidelines for the management and processing of complaints that commit the Town to positively respond to complaints, allowing employees and customers to contribute to the improvement of the Town's services and functions.

SCOPE:

This policy applies to all Elected Members Employees and all Directorates of the Town of Cambridge.

POLICY STATEMENT:

The Town will endeavour to ensure that:-

1. There shall be a commitment by the Town to efficient and fair resolution of complaints at all levels.
2. The complaint management process shall recognise the need to be fair to the complainant, the Town and the person against whom the complaint is made.
3. There shall be adequate resources to manage a complaint with sufficient levels of delegated authority.
4. Complaint management will be well publicised to customers and employees, shall include information about the right to complain, be free of charge (subject to statutory requirements) and shall be easily accessible with assistance being provided to those who wish to submit a complaint.
5. A complaint shall be dealt with quickly, as outlined in the Town's *Customer Charter*, and the complainant treated courteously.
6. The complaint management procedures and guidelines will ensure:-
   (a) Data is collected to ensure systematic recording and reporting of complaints and their outcomes;
   (b) unacceptable conduct or behaviour does not re-occur; and
   (c) policies, practices and procedures are reviewed and improved in order to accommodate the needs of our customers or the community in general.

This policy has been developed and complaints will be managed observing the requirements detailed in the Local Government Act 1995 (s5.103 – Codes of Conduct, *Local Government (Administration) Regulations 1996* (Regs 34b and 334C) and the *Australian Standard AS ISO 10002-2006 "Customer Satisfaction - Guidelines for complaints handling in organisations".*

The Town will support and promote a culture where complaints are seen as opportunities to learn and improve service delivery.

DEFINITIONS:

Definitions are taken as those detailed in the *Local Government Act 1995* and associated legislation.

"Complaint" for the purpose of this policy a complaint is:-
any dissatisfaction with the level or quality of products or services delivered by the Town or with the actions or decisions of Town employees, contractors, Elected members or Council.

<u>It may be about</u>:-

1. A decision of the Council, Elected Member, Town employees or service providers contracted by the Town.
2. The standard or quality of a Town service, product, action or lack of action.
3. The behaviour of Elected Members, Town employees or service providers contracted by the Town.
4. Non - compliance with any legislation by Council, Elected Members, Town employees or service providers contracted by the Town.

<u>A complaint is not</u>:-

1. A first request for action or a service (*unless there was no response to a first request for service) e.g.*
   (a) *Noisy dog;*
   (b) *Tree branch on verge;*
   (c) *Street Sign broken*.
2. A request for information or explanation of Council decisions, practices or procedures made in accordance with due process.
3. The lodging of an appeal in accordance with procedures prescribed by legislation.
4. A request for action or service provided by other agencies.
5. Enquiries in relation to non - compliance with legislation administered by the Town.
6. A FOI (Freedom of Information) request
7. A formal petition.
8. An allegation of a breach of law by a third party.
9. An expression of dissatisfaction with a decision.

The above will be treated and registered as enquiries or service requests.

"Service Request" is defined as a request, however made, for a service to be provided by the Town or an action to be undertaken in relation to products or services administered by the Town.

"Anonymous Complaint", where the complainant declines to provide their name and/or contact details, will only be investigated where the matter being brought to the attention of the Town constitutes:-

(a) A breach of statutory provisions, or the Town's Code of Conduct;
(b) A breach of an approval, licence or permit;
(c) Could be considered a safety, health or security issue or has a legal or financial implication for the Town;
(d) A matter for which the Town is obligated to act, prescribed in the *Local Government Act 1995*, or under any other written law; or
(e) The Chief Executive Officer and/or Directors and/or Managers use their discretion to investigate the complaint.

All other anonymous complaints shall be disregarded.

Habitual or vexatious complaints:

~~**"Vexatious Complaint"** means a complainant who complains of frivolous matters on a consistent basis and which is designed to annoy the Town.~~

The Town may consider it appropriate to determine that vexatious questions, complaints and repetitive communications are not given priority as they may divert a substantial and unreasonable portion of the Town's resources away from its other functions.

Habitual or vexatious complaints can be a problem for a local government or agency. The difficulty in handling such complainants is that they are time consuming and wasteful of resources in terms of Officer and Elected Member time and displace scarce resources that could otherwise be spent on other priorities.

Whilst the Town will endeavour to respond to all needs of all complainants, there are times when there is nothing further which can reasonably be done to assist or to rectify a real or perceived problem.

Definitions:

'habitual' means *"done repeatedly or as a habit"*. The term vexatious is recognised in law and means "denoting an action or the bringer of an action that is brought without sufficient grounds for winning, purely to cause annoyance to the defendant".

"Habitual or Vexatious Complainants"

1. For the purpose of this policy, the following definition of 'habitual' or 'vexatious' complainants will be used:

   The repeated and/or obsessive pursuit of:

   (a) unreasonable complaints/requests and/or unrealistic outcomes; and/or
   (b) reasonable complaints/requests in an unreasonable manner.

2. Where complaints/requests continue and have been identified as habitual or vexatious in accordance with the definition detailed in this Policy, the CEO may seek agreement to treat the complainant as a habitual or vexatious complainant and for an appropriate course of action to be taken. Options available for dealing with habitual or vexatious complaints are detailed in this Policy.

3. The CEO will notify complainants, in writing, of the reasons why their complaints/requests are proposed to be treated as habitual or vexatious, and the action that will be taken if the complainant does not modify their behaviour. The CEO will report to the Council that a person is proposed to be designated as a habitual or vexatious complainant and provide:

   (a) reasons for the proposed action; and

   (b) a recommended course of action to be taken.

4. The Council may consider the CEO's report and determine appropriate action to be taken.

5. Once a complainant has been determined to be habitual or vexatious, their status will be kept under review for a period of a minimum of one year and monitored by the CEO with

reports being submitted to Council as required. If a complainant subsequently demonstrates a more reasonable approach then their status will be reviewed by the CEO and the designation may be lifted.

6. The safety of Town employees is of upmost importance, therefore all employees have discretion available to them to terminate any interaction in the event that the Town employee reasonably perceives that they are at risk of any type of whatsoever nature and particularly where the employee is being threatened or the behaviour of the complainant/customer is aggressive.

7. The Chief Executive Officer may decide, having regard to the nature, subject or number of complaints received, that a complainant is to be considered vexatious and that further complaints received from the person concerned or about a particular subject shall not be progressed. In these cases, the CEO will submit a report to the Council.

Criteria for Determining Habitual or Vexatious Complaints

Complainants (and/or anyone acting on their behalf) may be considered to be habitual or vexatious where previous or current contact with them shows how they consistently meet one of the following criteria:

Where complainants:

1. Persist in pursuing a complaint/request where the Council's complaints process has been fully and properly implemented and appropriately exhausted.

2. Persistently change the substance of a complaint or continually raise new issues or seek to prolong contact by continually raising further concerns or questions whilst the complaint/request is being addressed.

3. Are repeatedly unwilling to accept documented evidence given as being factual or deny receipt of an adequate response in spite of correspondence specifically answering their questions or do not accept that facts can sometimes be difficult to verify when a long period of time has elapsed.

4. Repeatedly do not clearly identify the precise issues which they wish to be investigated, despite reasonable efforts of the Town to help them specify their concerns, and/or where the concerns identified are not within the remit of the Town to investigate.

5. Regularly focus on a trivial matter to an extent which is out of proportion to its significance and continue to focus on this point.

6. Have threatened or used physical violence towards employees or Elected Member at any time. This will, in itself, cause personal contact with the complainant and/or their representative to be discontinued and the complaint will, thereafter, only be continued through written communication. The Council has determined that any complainant who threatens or uses actual physical violence towards employees will be regarded as a vexatious complainant. The complainant will be informed of this in writing together with notification of how future contact with the Town is to be made.

7. Have, in the course of addressing a registered complaint/request, had an excessive number of contacts with the Town – placing unreasonable demands on employees. A contact may be in person, by telephone, letter, email or fax. Judgment will be used to determine excessive contact taking into account the specific circumstances of each individual case.

8. Have harassed or been verbally abusive on more than one occasion towards employees

or an Elected Member dealing with the complaint/request. It is acknowledged that complainants may sometimes act out of character in times of stress, anxiety or distress and will make reasonable allowances for this. Some complainants may have a mental health disability and there is a need to be sensitive in circumstances of that kind.

9. Are known to have recorded meetings or face-to-face/telephone conversations without the prior knowledge and consent of other parties involved.

10. Make unreasonable demands on the Town and its employees and fail to accept that these may be unreasonable, for example, insist on responses to complaints or enquiries being provided more urgently than is reasonable or within the Council's complaints procedure or normal recognised practice.

11. Make unreasonable complaints/requests which impose a significant burden on the human resources of the Town and where the complaint:

    (a) Clearly does not have any serious purpose or value; or
    (b) Is designed to cause disruption or annoyance; or
    (c) Has the effect of harassing the public authority; or
    (d) Can otherwise fairly be characterised as obsessive or manifestly unreasonable.

12. Make repetitive complaints and allegations which ignore the replies which have been provided in previous correspondence.

<u>Options for Dealing with Habitual or Vexatious Complainants</u>

The options below can be used singularly or in combination depending on the circumstances of the case and whether the complaint process is ongoing or completed.

1. A letter to the complainant setting out responsibilities for the parties involved if the Town is to continue processing the complaint. If terms are contravened, consideration will then be given to implementing other action as detailed below.

2. Decline contact with the complainant, either in person, be telephone, letter, email, fax or any combination of these, provided that one form of contact is maintained. This may also mean that only one named officer will be nominated to maintain contact (and a named deputy in their absence). The complainant will be notified of these details.

3. Notify the complainant, in writing, that the Town has responded fully to the points raised and has tried to resolve the complaint but there is nothing more to add and continuing contact on the matter will serve no useful purpose. The complainant will also be notified that the correspondence is at an end, advising the complainant that they are being treated as a habitual or vexatious complainant and as such the Town does not intend to engage in further correspondence dealing with the complaint.

4. Inform the complainant that in extreme circumstances the Town may seek legal advice on habitual or vexatious complaints.

5. Temporarily suspend all contact with the complainant, in connection with the issues relating to the person being considered habitual or vexatious, while seeking legal advice or guidance from its solicitor or other relevant agencies.

'Serious Misconduct' means a complaint that indicates misconduct by employees or other Town representatives will be investigated by the Chief Executive Officer for determination if it should be dealt with independently and in accordance with the Code of Conduct and other relevant legislation.

Where the allegation concerns criminal, corrupt or serious improper conduct by employees or Town representatives, the CEO will determine whether there are reasonable grounds for notification to the Public Sector Commission, Corruption and Crime Commission of WA, Equal Opportunity Commission, referral to the Police or other agencies.

Serious Misconduct

Sec 12 of the ***Fair Work Act 2009*** provides that ***"serious misconduct"*** has the meaning prescribed by the regulations.

Regulation 1.07 sets out the definition as follows:

"1.07 Meaning of serious misconduct

1. For the definition of serious misconduct in section 12 of the Act, serious misconduct has its ordinary meaning.

2. For subregulation (1), conduct that is serious misconduct includes both of the following:

   a. **Wilful or deliberate behaviour by an employee** that is inconsistent with the continuation of the contract of employment;

   b. Conduct that **causes serious and imminent risk** to:

      i. the **health or safety** of a person; or
      ii. the **reputation, viability or profitability** of the employer's business.

3. For subregulation (1), conduct that is serious misconduct includes each of the following:

   a. the employee, in the course of the employee's employment, engaging in:

      i. **theft;** or
      ii. **fraud**; or
      iii. **assault**.

   b. the employee being intoxicated at work.

   c. the employee **refusing to carry out a lawful and reasonable instruction** that is consistent with the employee's contract of employment."

Gross (or serious) misconduct is an employee's behaviour, which is serious enough to potentially destroy the relationship between an employer and employee. The conduct must be deliberate or amount to gross negligence, and entitles an employer to dismiss the employee with immediate effect, without any notice.

Often more severe than minor issues, gross misconduct can include:

a) Theft or fraud;
b) Physical violence or bullying;
c) Deliberate and serious damage to property;
d) Serious misuse of an organisation's property or name;
e) Deliberately accessing internet sites containing pornographic or offensive material;

f) Serious insubordination;
g) Discrimination or harassment;
h) Bringing the organisation into serious disrepute;
i) Serious incapability at work brought on by alcohol or illegal drugs;
j) Causing loss, damage or injury through serious negligence;
k) A serious breach of health and safety rules; and
l) A serious breach of confidence.

Minor Misconduct

'***Minor misconduct'***, as defined in the *Corruption, Crime and Misconduct Act 2003* (CCM Act) is actually not that minor. To meet the definition, the misconduct should be so significant that it could reasonably lead to termination of a public officer's employment if proved.

However, misconduct matters that do not meet that threshold still need to be dealt with. Conduct matters that are not misconduct under the CCM Act definition are appropriately managed by the employing authority under relevant discipline, grievance or performance management policies.

Minor misconduct defined

Section 4(d) of the CCM Act defines minor misconduct.

Minor misconduct occurs if a public officer engages in conduct that:

i. adversely affects, or could adversely affect, directly or indirectly, the honest or impartial performance of the functions of a public authority or public officer, whether or not the public officer was acting in their public officer capacity at the time of engaging in the conduct; or

ii. constitutes or involves the performance of his or her functions in a manner that is not honest or impartial; or

iii. constitutes or involves a breach of trust placed in the public officer by reason of his or her office of employment as a public officer; or

iv. involves the misuse of information or material that the public officer has acquired in connection with his or her functions as a public officer, whether the misuse is for the benefit of the public officer or the benefit or detriment of another person

and constitutes, or could constitute –

v. a disciplinary offence providing reasonable grounds for the termination of a person's office or employment as a public service officer under the *Public Sector Management Act 1994* (**whether or not the public officer to whom the allegation relates is a public service officer or is a person whose office or employment could be terminated on the grounds of such conduct).**

Examples of Minor Misconduct:

The list of things that could be classed as minor misconduct is endless; however, the following are examples:

(a) Persistent lateness;
(b) Not completing a piece of work on time;
(c) Not following a manager's instruction;

(d) Doing a piece of work incorrectly;
(e) Not managing your attendance correctly;
(f) Not following procedures properly;
(g) Damage to your property;
(h) Becoming hostile to other colleagues;
(i) Theft or fraud.

Sexual harassment:

Sexual harassment is an offence under the *Equal Opportunity Act 2010.*

'Sexual harassment' is unwelcome sexual behaviour, which could be expected to make a person feel offended, humiliated or intimidated. Sexual harassment can be physical, verbal or written. It can include:

(a) comments about a person's private life or the way they look;
(b) sexually suggestive behaviour, such as leering or staring;
(c) brushing up against someone, touching, fondling or hugging;
(d) sexually suggestive comments or jokes;
(e) displaying offensive screen savers, photos, calendars or objects;
(f) repeated requests to go out;
(g) requests for sex;
(h) sexually explicit emails, text messages or posts on social networking sites;
(i) sexual assault.

Sexual harassment is not consensual interaction, flirtation or friendship. Sexual harassment is not behaviour that is mutually agreed upon.

A single incident may be enough to constitute sexual harassment – it doesn't have to be repeated.

Some types of sexual harassment may also be offences under criminal law. These include indecent exposure, stalking, sexual assault and obscene or threatening communications, such as phone calls, letters, emails, text messages and posts on social networking sites.

Harassment

Workplace harassment is unwelcome conduct from a boss, co-worker, group of co-workers, vendor, or customer whose actions, communication, or behaviour mocks, demeans, puts down, disparages, or ridicules an employee.

Physical assaults, threats, and intimidation are severe forms of harassment.

Discrimination

If someone is being bullied because of a personal characteristic protected by equal opportunity law, it is a form of discrimination.

In most cases, bullying behaviour is persistent and happens over a period of time. However under the *Equal Opportunity Act 2010*, this behaviour does not have to be repeated to be discrimination – it may be a one-off event.

Bullying in the workplace

Bullying and harassment can be discrimination when it happens because of someone's disability, race, sexual orientation, age, physical features or any other protected attribute under the *Equal Opportunity Act 2010*. Bullying and harassment can be verbal, physical or in writing, and includes behaviour that intimidates, degrades or humiliates another person. This can be a form of unfavourable treatment covered by the law.

What is bullying?

A worker is bullied at work if:

a) a person or group of people repeatedly act unreasonably towards them or a group of workers;
b) the behaviour creates a risk to health and safety;

Unreasonable behaviour includes victimising, humiliating, intimidating or threatening. Whether a behaviour is unreasonable can depend on whether a reasonable person might see the behaviour as unreasonable in the circumstances.

Examples of bullying include:

a) behaving aggressively;
b) teasing or practical jokes;
c) pressuring someone to behave inappropriately;
d) excluding someone from work related events or;
e) unreasonable work demands.

Examples of bullying

Bullying can occur whenever people work together and in a range of different workplace relationships. It can be verbal or in writing, including online.
Bullying can happen:

(a) by managers towards workers;
(b) among co-workers;
(c) by workers towards managers.

Bullying can take many forms, such as:

(a) publicly humiliating someone;
(b) verbal abuse;
(c) spreading malicious rumours or gossip.

What isn't bullying?

Reasonable management actions carried out in a fair way are not bullying. For example:

(a) allocating work and setting performance goals, standards and deadlines;
(b) informing and warning a worker about unsatisfactory work performance;
(c) informing and warning a worker about inappropriate behaviour;
(d) undertaking performance management processes and providing constructive feedback.

APPLYING THE POLICY

Some complaints will be dealt with as indicated in the **Schedule** attached to this Policy.

Office Use Only:	
Previous Policy No	Policy No .1.2.12
Statutory Legislation and Compliance	*Local Government Act 1995* *Australian Standard AS ISO 10002-2006 "Customer Satisfaction - Guidelines for complaints handling in Organisations* *Corruption, Crime and Misconduct Act 2003* *Equal Opportunity Act 2010* Fair Work Act 2009 *Public Sector Management Act 1994* *State Records Act 2000*
Related Documents/Legislation	*Town of Cambridge Code of Conduct*
Date of Adoption by Council	Council Meeting – 28 September 2004
Date Reviewed/Amended	28 February 2006 25 March 2008 27 April 2010 22 May 2012 27 May 2014 28 July 2020 22 September 2020 23 February 2021
Next Review Date	April 2024

Schedule

COMPLAINTS MANAGEMENT POLICY

Nature of Complaint	**To Be Investigated by**
Request for information or explanation of Council decisions, practices or procedures	Coordinator Governance and Office of CEO or Chief Executive Officer
Initial queries regarding parking or other infringement notices	Ranger Administration Officer or Coordinator Ranger and Community Safety Services, or Manager Regulatory Services
Contractual matters e.g. tenders	Manager - Corporate Business
Human Resources recruitment matters	Manager - People and Culture
Complaint against an Employee or Elected Member of alleged serious misconduct	Investigation and determination to be dealt with independently and in accordance with the Town's Code of Conduct and other relevant legislation by the Chief Executive Officer.
Complaints about an employee (other than the CEO)	Chief Executive Officer.
Complaints about the Chief Executive Officer	Mayor, as detailed in the Code of Conduct
Complaint about an Elected Member	Chief Executive Officer to deal with in accordance with the *Local Government 1995* and Regulations Complaints about Code of Conduct are to be dealt with by the CEO as detailed in the Code of Conduct
Freedom of Information applications and requests for review	Coordinator Governance and Office of CEO or Manager - Legal and Risk or Chief Executive Officer.
Complaint concerning an issue that occurred more than 12 months ago, vexatious or frivolous complaint	Relevant Director
Complaint regarding matters requiring the exercise of the Town's authority e.g. noise, parking	These are service requests and will be referred to the relevant business area Manager
Public Interest Disclosures	Coordinator Governance and Office of CEO or Manager - Legal and Risk or Chief Executive Officer
Internal service complaint	Relevant Manager and/or Director. The Director shall review all complaints investigated by the Manager.