

Justification Statement – Cottesloe Oval Lighting Upgrade

The project will upgrade Cottesloe Oval by installing two new flood lights and light poles.

Effective lighting would allow for better access and safer use of Cottesloe Oval in the evenings.

The existing lighting is insufficient to illuminate Cottesloe Oval after dusk, which is when the majority of training for the Cottesloe Roosters occurs. This poses a safety risk to players as they can collide with one another and the football due to low visibility.

One such incident occurred recently at training on Monday 9 May 2016, where two players collided due to low visibility in a marking contest. One player has 2 fractured ribs; the other bruising to the oblique muscles.

A further incident occurred at training on Wednesday 11 May 2016, where a player couldn't see the ball in the dark and it hit him in the hand, dislocating his finger. Another player fractured his finger in a separate incident as a result of poor depth perception in the dark.

The club has over 100 players (with approximately 75% - 80% of these players residing in Cottesloe and surrounding suburbs). All of these players – together with the coaching staff – find it difficult to participate given the current lighting concerns.

The youth teams associated with the Cottesloe Junior Football Club would also benefit from the safety aspects associated with the lighting being installed and also from a family management perspective. Improved lighting will allow the teams to train to a later time during winter, relieving parents of time constraints they currently have trying to get their children to training in a narrow window of time after school and before dusk.

The Cottesloe Junior Football Club has 258 players of which 90% are Cottesloe residents.

Given the number of local residents involved with the Cottesloe Roosters and Cottesloe Magpies alone, coupled with the other various area stakeholders including the Cottesloe Rugby Club, personal trainers and community members who use Cottesloe Oval for recreational activities, the improvement is important and is needed as a matter of urgency.

Currently, the facilities used by the Cottesloe Roosters and Cottesloe Magpies (among others) are below the standard of most ovals of its kind across Western Australia. The installation of new lights will assist to raise Cottesloe Oval to a comparable standard and increase the usability of the oval.

New lighting will allow the community to use the oval at night; an option currently not viable.

Good lighting is important for local sport as it provides more opportunities to train and play, supporting year round activity and maximum use of facilities.

This proposal is put forward by – and has the full support of - the Cottesloe Amateur Football Club Inc. in conjunction with the Cottesloe Junior Football Club.

Rebecca Johnston

Vice President

Cottesloe Amateur Football Club Inc.

John Garland

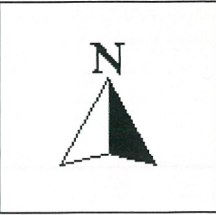
President

Cottesloe Junior Football Club

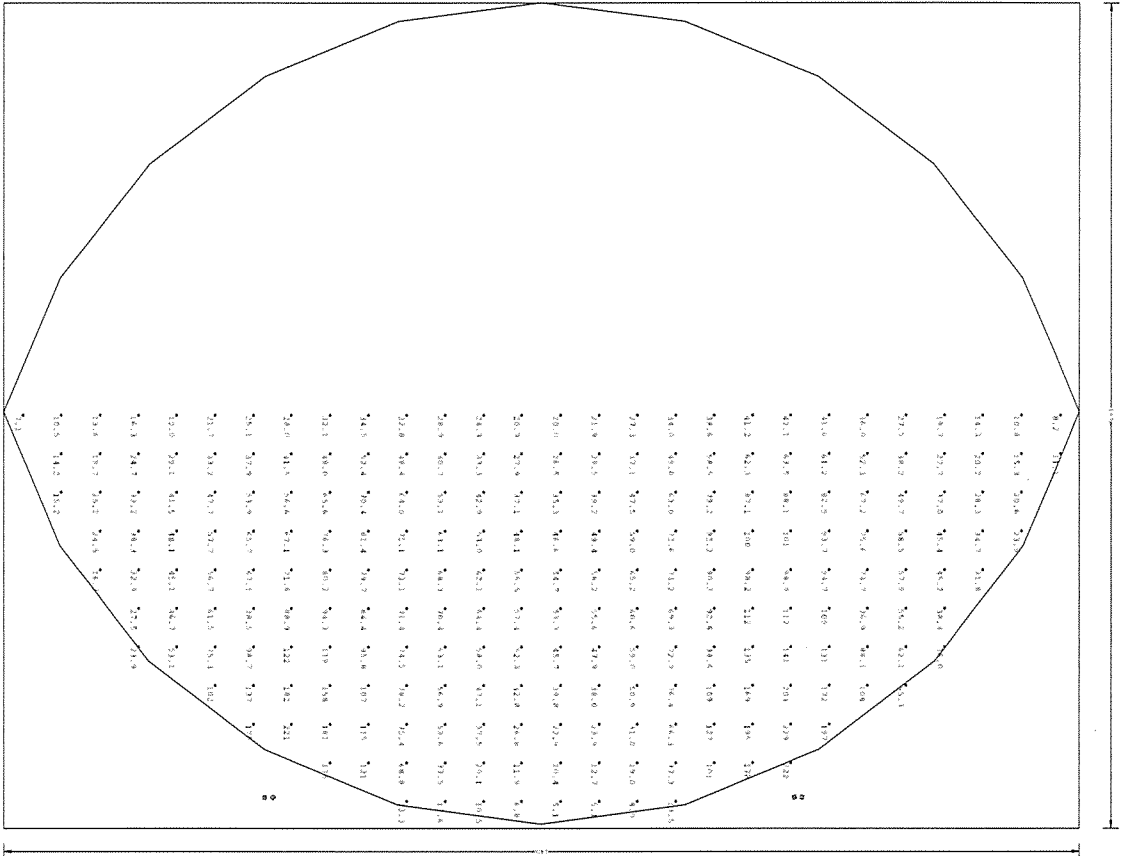


The Town of Cottesloe does not warrant the accuracy of information in this publication and any person using or relying upon such information does so on the basis that the Town of Cottesloe shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

Scale 1:2058
18/05/2016







| | | | | | | | | |
|---------------------|-----|--------------------------|-------------|-------|-------------------|-------|-------------------|---------|
| Luminaire Schedule | | Label | Arrangement | | Total Lamp Lumens | LLF | Description | |
| Symbol | Qty | CHAMPION_2KW_MHN-LA_C1.2 | M1P1G1E | | 220000 | 0.800 | 96261230+96038307 | |
| CalcPis_1 | 4 | | | | | | | |
| Calculation Summary | | | CalcType | Units | Avg | Max | Min | Min/Avg |
| | | | Illuminance | Lux | 62.20 | 229 | 5.1 | 0.08 |
| | | | | | | | Min/Max | 0.02 |

THORN







| # | Date | Comments |
|---|------|----------|
| | | |
| | | |

Drawn By: Fraser Nicol
 Checked By:
 Date: 17/05/2016
 Scale: NTS

Project -

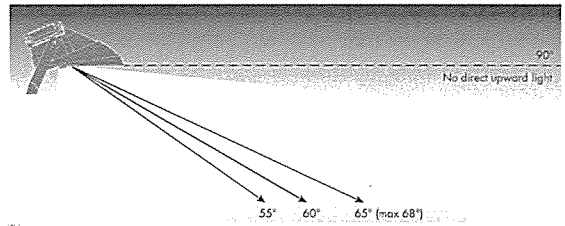
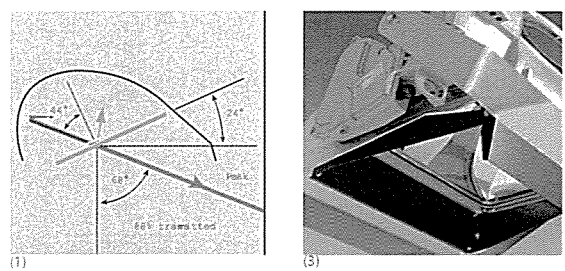
Champion

NEW

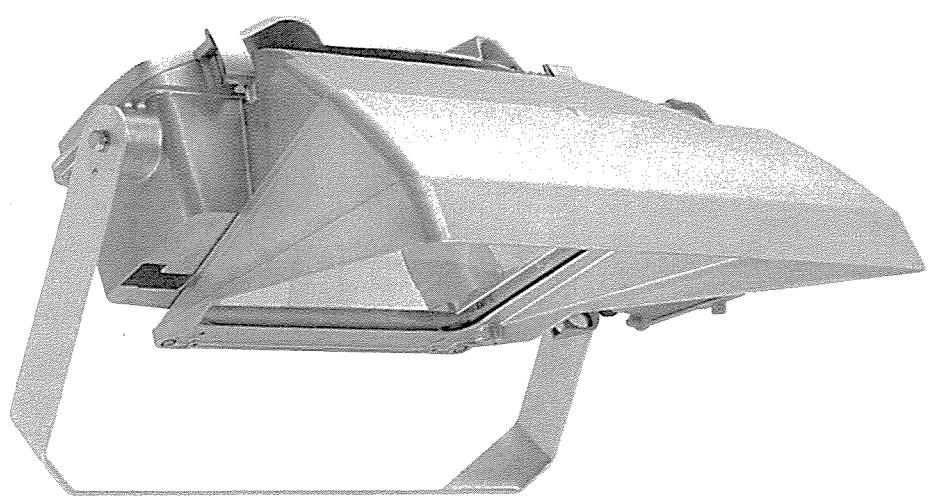
| | | |
|---|---------------|---|
|  | HQL-TS/S (MD) | 1/2kW |
|  | HQL-TS/L (MD) | 2kW |
|  | MHN-LA (MD) | 1/2kW |
|  | HST (ST) | E40 1kW |
|  | HIT (MT) | E40 1kW |
| AS/NZS60598 | | Class II Electrical |
| IP66 (IP65 ignitor box) | |  |

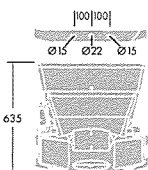
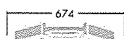
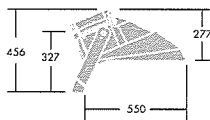
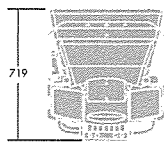
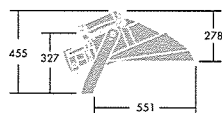
Our number one solution to floodlighting general areas and sporting grounds where the control of obtrusive light is critical

- Asymmetric floodlight for 1 and 2kW lamps, incorporating an innovative design concept which takes the performance of asymmetric floodlights to the next level
- Integrated visor for total control of glare and obtrusive light (0 cd at 90°)
- Instead of having a true 'flat glass' construction, which can limit the efficiency of a floodlight, Champion's front glass is inclined inside the floodlight
- Three lamp positions, adjustable on site to provide different photometries from just one installed position
- Safe, tool-free lamp access and replacement with automatic shut-off via hinged door
- Additional accessories for increased control of obtrusive light available
- Tool-free aiming in azimuth thanks to integrated aiming sights
- Available in hot-restrike option

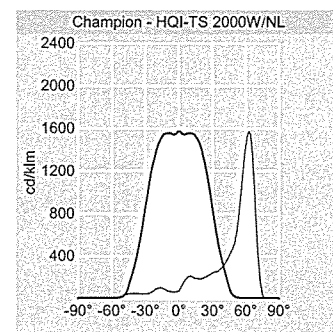


- Champion is designed to be installed without tilting, thereby reducing artificial sky glow, glare and intrusive light. The tilted glass inside Champion enables 88% of the emitting light to be transmitted, whilst the 'virtual' light emitting surface remains horizontal to the ground(1)
- Champion offers a variety of light distributions from one installed position. With its 3 adjustable lamp positions any aiming required to optimise uniformity can be achieved through the lamp position and not tilting (2)
- Total cut-off achieved at 75° from the perpendicular.
- The use of adjustable vertical light shields enables further control of light, in the front (usually the most critical direction) but also side and rear (3)





Windage: 0.19m max.



Accessories/Attachments

- Adjustable visor (front and sides)
- Adjustable visor (rear)
- Wire guard
- Aiming device

Materials/Finish

Body: die-cast aluminium, unpainted.
 Glass: 4mm toughened.
 Wiring/ignitor box: polyamide (66 V0 Black: 20% glass fibre reinforced).
 Screws: stainless steel.

Installation/Mounting

Rear access to lamp with automatic power disconnection on opening of rear access door. Tool-free installation and lamp replacement. Stirrup fixed by M20 bolt through Ø22mm hole, or through Ø15mm holes. Ballast and capacitors to be mounted separately. Cable gland for Ø7.5-13mm cable. Aiming via top (door and visor) or side (ignitor box) integrated aiming sights.

Ordering Guide

For complete fitting please order floodlight, control gear and lamp.

| Description | Socket | Wt (kg) | Product SAP Code | Lamp SAP Code |
|---------------------------------------|--------|---------|------------------|---------------|
| Floodlight | | | | |
| CHAMPION 1KW HQITSS CL2 WI | - | 19.17 | 96261223 | 96031734 |
| CHAMPION 1KW E40 HST CL2 WI | E40 | 19.07 | 96261225 | 96038921 |
| CHAMPION 1KW E40 HPIT CL2 WI | E40 | 18.97 | 96261224 | 96011265 |
| CHAMPION 1KW MHN-LA CL2 WI | - | 19.3 | 96261227 | 96035188 |
| CHAMPION 2KW HQITSS CL2 WI | - | 19.17 | 96261229 | 96031766 |
| CHAMPION 2KW MHN-LA CL2 WI | - | 19.3 | 96261230 | 96009899 |
| CHAMPION 2KW HQITSL CL2 WI | - | 19.17 | 96261232 | 96058628 |
| Accessories | | | | |
| CHAMPION NM WG | | 1.05 | 96261969 | |
| CHAMPION NM AJ VS FRONT | | 1.4 | 96261970 | |
| CHAMPION NM VS REAR | | 0.43 | 96261971 | |
| CHAMPION NM AIMING DEVICE | | 2.08 | 96262065 | |
| Control Gear | | | | |
| CG TM 1KW HPIT 240V NI FUSED | | | 96540592 | |
| CG TM 1KW HPIT 415V NI FUSED | | | 96540593 | |
| CG WP 1KW HPIT 240V NI FUSED | | | 96540594 | |
| CG WP 1KW HPIT 415V NI FUSED | | | 96540595 | |
| CG TM 1KW HST/HQI/MHNLA 240V NI FUSED | | | 96038288 | |
| CG TM 1KW HST/HQI/MHNLA 415V NI FUSED | | | 96038289 | |
| CG WP 1KW HST/HQI/MHNLA 240V NI FUSED | | | 96038290 | |
| CG WP 1KW HST/HQI/MHNLA 415V NI FUSED | | | 96038291 | |
| CG TM 2KW HQI/MBIL 415V NI FUSED | | | 96038305 | |
| CG WP 2KW HQI/MBIL 415V NI FUSED | | | 96038306 | |
| CG TM 2KW MHNLA 415V NI FUSED | | | 96038307 | |
| CG WP 2KW MHNLA 415V NI FUSED | | | 96038308 | |

TM - Tray mount, WP - Weatherproof box, WI - With ignitor, NI - No ignitor

Fwd: Jarrad Street Oval lighting

1 message

28 April 2016 at 22:32

Hi Patrick,

Please find below the quotation to supply and install the 2 x lighting towers to the Jarrad Street, Cottesloe oval.

The 2 positions are NE, SE corners of the oval.

To supply and install 2 x M30@466pcd ragbolt cages, auger the required holes and supply and install 32mpa concrete.

To supply and install 4 x Nikkon 2000watt metal halide floodlights to the oval to illuminate the grounds to training level illumination only.

To supply and install electrical conduits, cables and connect the new lighting system to the switchboard presently in position at the south east corner of the oval.

QUOTATION AMOUNT \$31800.00 + GST

The following items are included in this quotation;

Structural Engineer certification of pole & footing.

Supply of 32mpa concrete.

Compliant machinery hire.

Crane hire C/w dogman & rigger.

Transport of machinery to site.

Site inductions.

Fuel.

SWMS & JSA paperwork.

The following items are not included in this quotation;

Batch testing of mpa concrete.
Modifications to ragbolt cages.
Drilling in rock conditions.
No dewatering of the site, while ragbolt footings or conduits are installed.
No removal of auger spill from site.
Rockbreaker.
Surveyed locations of poles.
Service locations of existing services - power, water, fibre-optic.
Traffic management.
Security fencing.

NOTE: Quotation is subject to clear and unobstructed site conditions.

We have the following licences to carry out these works;

Electrical Contractors Licence.
Electrical Workers Licence.
MC truck Licence.
C6 Crane Licence.
Dogmans Licence.
Riggers Licence.
Excavator Licence.
Skidsteer Licence.
Backhoe licence.
Telehandler Licence.
EWP Licence.
Blue card.

Terms & Conditions;

A deposit of 20% will be required prior to commencement of any works.
No additional works will be carried out without authorisation in writing.
Terms of payment – 14 days from date of final invoice without retention.
Progress payments due 30th of each month.

Quotation is valid for 30 days.

If this quotation is successful, could you please provide a signed order, emailed back to this email address.

Verbal approval will not be accepted and works and orders cannot commence until the confirmation is received in writing, and the 20% deposit paid.

Thank you for the opportunity of quoting this project.

Regards

Steve Burke



Fwd: Light Pole pricing.

1 message

Hi Patrick,

Please find below the quotation amount to supply the 2 x 15m hinged baseplate mount poles for the Cottesloe Oval, Jarrad Street Cottesloe.

Quotation Amount \$2300.00 + Gst per/pole.

Regards

Steve Burke



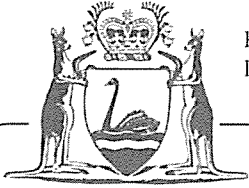
EC 3169

State Distributors of:

EC 3169

State Distributors of:





Hon. COLIN J. BARNETT MLA, B.Ec. (Hons), M.Ec.
MEMBER FOR COTTESLOE

17 June 2016

Suite 12,
589 Stirling Highway,
Cottesloe, W.A. 6011

Telephone Numbers:

Office – 61 (08) 9383 1505

Facsimile – 61 (08) 9385 2352

Parliament House – 61 (08) 9222 7222

Email: cottesloe@mp.wa.gov.au

Website: www.mp.wa.gov.au/colinbarnett

Mat Humfrey
Chief Executive Officer
Town of Cottesloe
Post Office Box 606
COTTESLOE WA 6911

Dear Mr Humfrey

COTTESLOE AMATEUR FOOTBALL CLUB: LIGHTING UPGRADE

I write in support of an application by the Cottesloe Amateur Football Club for the installation new lights at Cottesloe Oval.

The Club lies within my electorate of Cottesloe and I have been Patron of the Club since its inception in 2013. I am proud to say that, since its first season, it has been very successful and made a favourable impression on the community. It now has over 100 players and the Junior Football Club has 258 players; the majority of these players and their families live in the Cottesloe area.

The Club has a visible presence in Cottesloe, with training during the week and home games on Saturday, and has a strong following within the local and wider community. The current lighting does not illuminate the oval after dusk, which is when the majority of training occurs, and is also below the standard of lighting at comparable ovals in the metropolitan area. New lights will not only benefit the Club, but other users of the oval and greatly enhance the safety of those using the facility.

I thank you for your consideration of the Cottesloe Amateur Football Club application and trust that it is successful, thus enhancing the sporting and community facilities within the Electorate of Cottesloe.

Yours sincerely

COLIN J BARNETT MLA
Member for Cottesloe

Hon. RI Viner AO QC

26 April 2016

The Hon. Julie Bishop MP
Federal Member for Curtin
Deputy Leader of the Liberal Party
Minister for Foreign Affairs
PO Box 2010
SUBIACO WA 6904

Dear Julie,

RE: COTTESLOE AMATURE FOOTBALL CLUB INC.

Cottesloe Amateur Football Club, the Cottesloe Roosters, has applied to you for a \$20,000 grant under the Stronger Communities Programme.

I have grandsons who were founding players of the Roosters since it was formed under the Patronage of West Coast Eagles great, Andrew Embley. The formation of the Club has been a resounding community and playing success, both on their home ground, Cottesloe Oval, and at away grounds. The Club's success is a tribute to the Club's leadership, players and sponsors.

As a Cottesloe resident, I have welcomed the community support home-games have generated on Saturday afternoons. It is amazing to see Cottesloe Oval lined with cars and spectators at matches when a few years ago at Cottesloe Oval there was nothing, except the odd person walking their dog.

Unquestionably, facilities at Cottesloe Oval are below par and inadequate. The installation of lights will be a significant improvement and first priority. In time, the old and inadequate change rooms will need attention.

I therefore have no hesitation in supporting this application for a grant and would urge you to support it.

Kind regards,
Yours sincerely,

Ian Viner, AO QC



Certificate of Currency

THIS IS TO CONFIRM that the under-mentioned Insured is insured under a contract of insurance issued/insured by AIG Australia Limited. This document is confirmation of such Insurance having been effected but in no way amends the terms conditions warranties limitations exclusions and exceptions of the Policy which shall be paramount.

Policy Number: 9606311CMB
Named Insured: Burke Electrical Pty Ltd
Period of Insurance: From: 4:00 PM on 30 May 2015
To: 4:00 PM on 30 May 2016

Covering

SECTION 3: Public and Products Liability

Limit of Indemnity

| | |
|--|---------------|
| Public Liability (Any One Occurrence) | \$ 20,000,000 |
| Products Liability (Any One Occurrence and in the Aggregate any one Period of Insurance) | \$ 20,000,000 |

| | |
|--|------------|
| Property in your Physical or Legal Control | \$ 100,000 |
|--|------------|

Excesses

| | |
|------------------------|--------|
| Property Damage Excess | \$ 500 |
| Personal Injury | \$ 0 |

Insured Locations: The following locations are insured under this Policy:

1. Anywhere in Australia

Noted: It is hereby noted and agreed that liability is extended to cover the insured subject to the terms and conditions of the policy wording.

AIG Australia Limited (AIG)
ABN 93 004 727 753
AFSL 381686
Date of Issue: 22 June 2015



Government of **Western Australia**
Department of **Commerce**
EnergySafety

BURKE ELECTRICAL SERVICES PTY LTD
PO BOX 199
CLAREMONT WA 6010

CERTIFICATE OF REGISTRATION

ELECTRICAL CONTRACTOR'S LICENCE

Nominees Registered with the Electrical Licensing Board:

EW115283 STEPHEN BURKE

Management Representatives Registered with the Electrical Licensing Board:

STEPHEN BURKE

Licence Number: **EC003169**

Expiry Date: **28 February 2017**

Please note that the holder of a licence shall ensure that the licence document and certificate of registration are conspicuously displayed at the principal place of business.

If the registration of your licence is cancelled and your name is removed from the register, you will be required under the Electricity (Licensing) Regulations 1991 to make application to the Electrical Licensing Board and pay the appropriate fees to restore your name to the register.

ISSUED BY AUTHORITY OF THE ELECTRICAL LICENSING BOARD WA

25th July, 2016

Chief Executive Officer,
Manager Corporate and Community Services,
Town of Cottesloe,
109 Broome Street,
Cottesloe WA 6011.

Dear Chief Executive Officer,

Re: Notice of Cottesloe Oval – Football Club Lighting Upgrade

We wish to comment on this proposal.

Master Plan

A Master Plan is being developed for the whole area that includes Cottesloe Oval. It would seem to be prudent to defer the upgrade to the lighting decision until the Master Plan is completed.

Cottesloe Roosters knew lighting when they formed

The Cottesloe Roosters are only a new club. Were these type of costs considered when approval was given for them to form? What is the cost of the lighting upgrade and who will foot the bill?

If the lighting is insufficient to illuminate Cottesloe Oval then it was in this state when the Cottesloe Roosters were formed. Incidents of the type that have been cited surely would have occurred from day 1. To draw a comparison if someone moved to live near the airport then complains because of the noise from the airport.

Clash of Usage

If the upgrade to the lighting means that the youth teams can train to a later time during winter then are they likely to clash with the time that Cottesloe Roosters wish to train?

Family Management Perspective

It is unclear what is meant by the term "family management perspective" used by the Cottesloe Junior Football Club.

Urgency

The justification says that the improvement in lighting is needed as matter of urgency. If the matter is urgent then surely it would have dealt with prior to the Coaches Boxes proposal.

Hours of operation

Is it intended that the lights would operate for longer periods than currently operating?

Drawings

We should be shown the drawings for the new towers that are over twice the height of the existing poles.

Visual Amenity

Can the towers be situated as to not affect the visual amenity of the residents by placing them directly in front of the Norfolk pine trees?

Research

What work has been done justify the size and power of the towers?

Community Usage

The Justification Statement says that "New lighting will allow the community to use the oval at night: an option not currently viable."

We received a flyer from HIIT32, an exercise group that has a session starting at 6.15 pm at Cottesloe Oval on Thursdays. This does not accord with the statement that "the usage at night is not viable".

Level of usage

Cottesloe Oval is currently in a very poor state and large areas are mud. Rather than seeking further usage of the oval consideration should be given to reduce the level of usage of the oval.

Can you please confirm that you have received this letter?

Yours faithfully,

Jenny McCallum

Ian McCallum

Elizabeth Nicholls

From: Yvonne Quann
Sent: Monday, 1 August 2016 3:51 PM
To: council
Subject: Cottesloe Oval Lighting Upgrade

CEO Cottesloe Mr Gary Bird
109 Broome Street
Cottesloe WA 6011

Dear Mr Bird

In reference to the above, I have no objection in principal, but like the dugouts, there is little information being provided

Points to raise are:

1. Is there a planning light diagram for the luminaire distribution, and if not, shouldn't there be
2. On what basis has it been determined that the poles are to be 15 metres
3. With the poles to be positioned in the same place, would it affect the existing Norfolk Pine trees
4. Are the globes to be LED
5. Football is a contact sport - injuries also occur in daylight. I don't think this argument should be the basis on which to extend the light poles

If the points above can be addressed, it would be appreciated

Yours sincerely

Yvonne Quann

Elizabeth Nicholls

From: Garry Bird
Sent: Tuesday, 9 August 2016 3:57 PM
To: Elizabeth Nicholls
Subject: TRIM: FW: oval lighting

HP TRIM Record Number: D16/23351

From:
Sent: Monday, 1 August 2016 9:48 AM
Subject: oval lighting

RE :Cottesloe Oval - Lighting Upgrade

We agree in principle to new lighting being installed across the road from our house, on Cottesloe Oval.

However,our main concern would be the impact on the visual amenity of the oval. Could you please tell us the size/width/color of the towers and please confirm that they would be in the same position as the original poles.

As a matter of interest,could you please tell us who is to pay for this infrastructure and also for its ongoing costs.

Also,a couple of times a year,the lights are left on overnight,local residents,i'm sure,would appreciate a number to call or a procedure in place to get them turned off.

And finally,of course.the last thing we would want is for a Roosters player to dislocate a finger due to inadequate lighting.

Yours sincerely

Peter & Kelly Murphy & family