APPLICATION FOR PLANNING APPROVAL

APPLICATION NO: DA-2020-481

NAME OF APPLICANT: Ms C Lindus

PROPOSAL: Construction of two (2) new roads (the extension of Pardalote Parade and Road 'F')

LOCATION: 'Kingston Park', 42 Channel Highway (CT 173253/2) and Pardalote Parade road reservation (CT 173253/101), Kingston

Any representation must be lodged in writing with the General Manager, Locked Bag 1, Kingston 7050 or by email to kc@kingborough.tas.gov.au by 9 October 2020.
# Development Application

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<th>DA-2020-481</th>
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<td>Construction of two (2) new roads (the extension of Pardalote Parade and Road 'F')</td>
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<td><strong>Applicant:</strong></td>
<td>Ms C Lindus</td>
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<td><strong>Responsible Planning Officer:</strong></td>
<td>Sarah Silva</td>
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**Associated Documents:**
The following information regarding the application is available at Council offices:

- Application form
- Certificate of Title
- Planning Submission
- Development Impact Assessment Report
PARDALOTE PARADE, KINGSTON, TAS 7050
CIVIL COVER SHEET

DRAWING SCHEDULE

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REFERENCES DOCUMENTATION

1. DRAWINGS TO BE READ IN CONJUNCTION WITH CURRENT ARCHITECTURAL, LANDSCAPE AND SURVEY CONSULTANT DOCUMENTATION. NOTIFY MRC CONSULTING ENGINEERS OF ANY VARIATION IN DOCUMENTATION IMMEDIATELY PRIOR TO COMMENCEMENT OF WORK.

GENERAL NOTES

1. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT LOCAL DESIGN STANDARDS, DRAWINGS AND SPECIFICATIONS (ASHC).
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER COMPACT DRAWINGS, SPECIFICATIONS, BILL OF QUANTITIES AND ANY OTHER WRITTEN INSTRUCTIONS FROM THE SUPERINTENDENT. ANY POINT OF CONTROVERSY WILL BE RESOLVED BY THE ENGINEER.
3. THE CONTRACTOR IS TO PROVIDE TO THE CUSTOMER ALL INFORMATION UPON SITE ESTABLISHMENT AND AUTHORIZE AS REQUIRED.
4. ALL DIMENSIONS ON THE DRAWINGS ARE IN METRES UNLESS NOTED OTHERWISE. OTHERWISE DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THESE DRAWINGS.
5. ALL WORKS SHALL BE BOUNDARY TO EXISTING CONSTRUCTION.
6. THE LOCATION AND VERIFICATION OF ALL EXISTING SERVICES TO THE CONTRACTOR RESPONSIBILITY. THE CONTRACTOR TO IDENTIFY AND DEMARK THE LOCATION OF THESE EXISTING SERVICES AND THE CONTINUITY OF PROPOSED SERVICES AND NOTIFY THE SUPERINTENDENT PRIOR TO WORKS COMMENCING.
7. ALL WORKS ARE TO BE OVERLOOKED BY THE CONTRACTOR AND THEIR SUB CONTRACTORS UNLESS ADVANCED "WAVES OR BY OTHER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES FROM DAMAGE. THE CONTRACTOR TO ESTABLISH THE LOCATION OF THESE EXISTING SERVICES AND THE CONNECTIVITY OF PROPOSED SERVICES AND NOTIFY THE SUPERINTENDENT PRIOR TO WORKS COMMENCING.
9. WORKS ARE TO BE COMPLETED AS REQUIRED NO TO DAMAGE NEIGHBOUR HOUSEHOLDORS EITHER BY NOISE OR BY DUST.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES FROM DAMAGE. THE CONTRACTOR TO ESTABLISH THE LOCATION OF THESE EXISTING SERVICES AND THE CONNECTIVITY OF PROPOSED SERVICES AND NOTIFY THE SUPERINTENDENT PRIOR TO WORKS COMMENCING.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL MEASURING DEVICES, SAFETY EQUIPMENT, AND MACHINERY REQUIRED TO CARRY OUT MEETINGS/INSPECTIONS AS SPECIFIED OR REQUESTED BY THE SUPERINTENDENT.
12. SEATING OR UPON SITE ESTABLISHMENT WHICHEVER OCCURS FIRST.
13. THE CONTRACTOR IS TO DETERMINE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES AND THE CONNECTIVITY OF PROPOSED SERVICES AND NOTIFY THE SUPERINTENDENT PRIOR TO WORKS COMMENCING.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTATING TO THE RELEVANT AUTHORITIES FROM DAMAGE. ANY WORKS OR SERVICES DAMAGED AS A RESULT OF THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES EITHER BY NOISE OR BY DUST.
15. INSTRUCTIONS FROM THE SUPERINTENDENT. ANY POINT OF CONFLICT WILL BE RESOLVED BY THE ENGINEER.
16. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONTRACT DRAWINGS, SPECIFICATIONS, BILLS OF QUANTITIES, AND ANY OTHER WRITTEN INSTRUCTIONS FROM THE SUPERINTENDENT. ANY POINT OF CONTROVERSY WILL BE RESOLVED BY THE ENGINEER.
17. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT LOCAL DESIGN STANDARDS, DRAWINGS AND SPECIFICATIONS (ASHC).
18. ALL DIMENSIONS ON THE DRAWINGS ARE IN METRES UNLESS NOTED OTHERWISE. OTHERWISE DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THESE DRAWINGS.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEASURING DEVICES, SAFETY EQUIPMENT, AND MACHINERY REQUIRED TO CARRY OUT MEETINGS/INSPECTIONS AS SPECIFIED OR REQUESTED BY THE SUPERINTENDENT.
20. WORKS ARE TO BE COMPLETED AS REQUIRED NO TO DAMAGE NEIGHBOUR HOUSEHOLDORS EITHER BY NOISE OR BY DUST.
21. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES FROM DAMAGE. THE CONTRACTOR TO ESTABLISH THE LOCATION OF THESE EXISTING SERVICES AND THE CONNECTIVITY OF PROPOSED SERVICES AND NOTIFY THE SUPERINTENDENT PRIOR TO WORKS COMMENCING.
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23. SEATING OR UPON SITE ESTABLISHMENT WHICHEVER OCCURS FIRST.
24. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL MEASURING DEVICES, SAFETY EQUIPMENT, AND MACHINERY REQUIRED TO CARRY OUT MEETINGS/INSPECTIONS AS SPECIFIED OR REQUESTED BY THE SUPERINTENDENT.
25. WORKS ARE TO BE COMPLETED AS REQUIRED NO TO DAMAGE NEIGHBOUR HOUSEHOLDORS EITHER BY NOISE OR BY DUST.
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27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTATING TO THE RELEVANT AUTHORITIES FROM DAMAGE. ANY WORKS OR SERVICES DAMAGED AS A RESULT OF WORKS shall be joined neatly to existing construction.

WORKPLACE HEALTH AND SAFETY NOTES

2. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A WORKPLACE HEALTH AND SAFETY PLAN AS REQUIRED BY THE WORKPLACE HEALTH AND SAFETY ACT (2011) AND RELEVANT CODES OF PRACTICE.
3. ALL ADDITIONAL TOOLS REFER TO THE SAFETY IN DESIGN HAZARD REGISTER PREPARED BY MRC CONSULTING ENGINEERS P/L FOR THIS PROJECT.

SITE LOCALITY PLAN

SCALE 1:2500

SEAL PROPERTY DESCRIPTION

PARDALOTTE PARADE
KINGSTON TAS 7050

SURVEY DATE/DATUM

TOP COORD OF AUSTRALIA 1994 (SSA/DCA)

CIVIL COVER SHEET

NOT FOR CONSTRUCTION

KINGSTON PARK
PARDALOTTE PARADE
KINGSTON, TAS 7050

Development Application: DA-2020-481
Plot Reference no: 21
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020

MRC Consulting Engineers
Phone: 9776 8030
Fax: 9776 8039
Email: info@mrceng.com.au
Website: www.mrceng.com.au

TRADERS IN PURPLE

C-0.01
EXISTING SIDE ENTRY PIT AND EXISTING MANHOLES SW12/3 AND SW12/4 TO BE REMOVED. REMOVE STORMWATER PIPE BETWEEN MANHOLES.

EXISTING SIDE ENTRY PIT 15/1 TO BE REMOVED AND NEW MANHOLE 1A/4 TO BE ADDED TO END OF EXISTING LINE. REFER DRAWING No. J19162-C-7.11 FOR NEW MANHOLE DETAILS.

EXISTING PARDALOTE PARADE ROAD PAVEMENT/KERB AND CHANNEL TO BE REMOVED. REFER DRAWING No. J19162-C-4.11 FOR PROPOSED ROADWORKS DETAILS.

Development Application: DA-2020-181
Plan Reference no.: F1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
BULK EARTHWORKS NOTES

1. The contractor shall not begin the layout of works prior to the pre-start meeting and written instructions.

2. Excess and redundant contour lines shall be removed prior to commencement and/or prior to works.

3. Excavation and filling is to be carried out to the plan levels in accordance with the given specifications and tolerances for all excavations and fill operations. Any deviations from the specified outlines shall be recorded and reported to the Superintendent, as well as the local authority concerned.

4. Any unaccounted spoil or underestimation by the contractor is to be strictly accounted for and the council or approved vegetation management plan requirements.

5. All site containing organic and deleterious material in the topsoil shall be removed prior to excavation and fill operations. All deleterious materials that may include but are not limited to: loose fill, organic fill, make, and others, shall be removed from the site.

6. Slope ground shall be backfilled to 100mm fill material and a properly designed drainage system to be installed and maintained by the contractor. The contractor shall ensure that the drainage system is in accordance with the detailed earthworks.

7. Topsoil shall be removed or stockpiled to be incorporated into the finished grade as directed by the superintendent. Topsoil shall be stockpiled to a minimum thickness of 100mm.

8. The contractor shall stockpile topsoil material in a manner to ensure that it is not exposed to the elements. The topsoil shall be stockpiled on site and kept under the supervision of the superintendent.

9. Soft or loose materials shall be removed from the site and replaced with compacted fill material.

10. All clearing required to be undertaken by the contractor is to be carried out in accordance with the proposed clearing plan. Any clearing operations shall be carried out in accordance with the local authority requirements.

Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020

BULK EARTHWORKS NOTES

14. Prior to the use of any imported engineered fill material, the contractor shall ensure that the fill material meets the specified requirements. The fill material shall be certified by a registered professional engineer. The minimum density in accordance with AS 3798 shall be 95%.

15. Any excess spoil and topsoil generated during construction is to be disposed of as directed by the superintendent.

BULK EARTHWORKS NOTES

16. For further information, please refer to the project geotechnical consultant.

17. All operations and procedures are to be carried out in accordance with the earthworks specification requirements.

TYPICAL BULK EARTHWORKS PAD CONSTRUCTION DETAIL

Scale N.T.S.

NOTE: Earthworks plotters are to be formed within 1m. 1st fall across pad during the bulk earthworks phase. Plotters are to be trimmed to finished pad levels during detailed earthworks.

COMPACTION ON SLOPES DETAIL

Scale N.T.S.

NOTE: Compaction on slopes greater than 1:5 on to be keyed as shown unless directed otherwise by the geotechnical engineer.

BATTER CUTBACK DETAIL

Scale N.T.S.

NOTE: Works to be undertaken outside the designated site boundary unless directed otherwise by the managing contractor.
If the site contractor believes there are discrepancies between the extent of works shown on the drawings and on site, the managing contractor is to be notified immediately and no works are to commence in this area until a suitable solution is determined.

PROPOSED FINISHED EARTHWORKS LEVEL
EXISTING SURVEY SURFACE

LEGEND

JE19162 C-1.20

BULK EARTHWORKS
SECTIONS

NOT FOR CONSTRUCTION
**EROSION RISK ASSESSMENT**

An erosion risk assessment has been conducted using the revised industry standard EROSION RISK ASSESSMENT NRM TOOL. The calculated soil loss exceed thresholds for the level of sediment control measures required, as shown in the following requirements:

- **R.30 x 12.0%**
- **EROSION RISK ASSESSMENT NRM TOOL V1.0**
- **ANZ 3510.2 LAND CLEARING**
- **Erosion Risk Assessment Standard 1996**

The calculated soil loss exceeds threshold for the level of sediment control measures required. The erosion risk assessment indicates that erosion control measures are required to reduce the potential for soil erosion and sediment transport.

**LAND CLEARING**

1. **Clearing Area Calculated as: Plug Area x Topographic Factor**
2. **Plug Area Calculated for ANY Plug Area and Plug Area x Topographic Factor**
3. **Clearing Area Calculated as: Plug Area x Topographic Factor**

**SITE MAINTENANCE**

1. **All Sediment and debris control measures must be installed and maintained in accordance with the approved plans.**
2. **Optimisation incidents must be made of every opportunity to trap sediment within the works area, and at or above a level of 0.5% slope.**
3. **Sediment basins and intercepting drains shall be installed and maintained in accordance with the approved plans.**
4. **All sediments and debris control measures must be installed and maintained in accordance with the approved plans.**

**SOIL AND STOCKPILE MANAGEMENT**

1. **All reseeded or practical material must be treated to obtain the approved moisture or plant moisture content.**
2. **When the proposed plug area is less than 1,000 square meters, and the plug area does not contain forest over 30 years old, the top plug area or less of available plug area may be treated as the plug area.**
3. **In areas where the top plug area is less than 30 square meters, the top plug area of less than 30 square meters may be treated as the plug area.**
4. **A suitable flow diversion system must be utilized.**
5. **Top soil will be stripped and stockpiled for later use.**

**EROSION CONTROL**

1. **All erosion and debris control measures must be installed and maintained in accordance with the approved plans.**
2. **The construction of any structures on the site shall not be commenced until the approved plans and approved plans have been submitted to the local council.**
3. **Synthetic reinforced erosion control systems shall be installed to minimize the potential to cause environmental damage.**
4. **The approved erosion control measures shall be implemented immediately.**
5. **All temporary earthworks for all clearing activities and all vegetation clearing shall be constructed in accordance with the approved plans.**

**SITE REHABILITATION**

1. **The type of erosion control measures that should be installed and maintained in accordance with the approved plans.**
2. **Sediment basins and intercepting drains shall be installed and maintained in accordance with the approved plans.**
3. **All sediments and debris control measures must be installed and maintained in accordance with the approved plans.**
4. **All temporary earthworks for all clearing activities and all vegetation clearing shall be constructed in accordance with the approved plans.**

**RECOMMENDED IMPLEMENTATION SEQUENCE**

1. **All erosion and debris control measures shall be installed and maintained in accordance with the following sequence.**
2. **A suitably designed and constructed sediment basin shall be provided for the interception of sediment and sediment-laden runoff.**
3. **All erosion and debris control measures must be installed and maintained in accordance with the approved plans.**
4. **Sediment basins shall be constructed and maintained in accordance with the approved plans.**
5. **All sediments and debris control measures shall be installed and maintained in accordance with the approved plans.**

**SOIL & WATER MANAGEMENT PLAN ESC NOTES:**

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**REFERENCES:**

- **An industry default C & P factors of 1 and 1.3 have been adopted for this risk assessment.**
- **The potential safety risk of airborne sediment trap to engineering staff and public must be assessed and documented.**
- **Sediment trap must be designed and constructed in accordance with the approved plans.**
- **All disturbed areas identified as very low, low, medium, high or very high.**
- **The predicted soil loss rate per hectare per year is 5.0.**

**SUPPORT TO THE TOPSHEET DESIGN:**

- **The topsheet design must be prepared for all the constructions and associated activities.**
- **The top plug area must be treated and maintained in accordance with the approved plans.**
- **The top plug area must be treated and maintained in accordance with the approved plans.**
- **All disturbed areas identified as very low, low, medium, high or very high.**
- **The predicted soil loss rate per hectare per year is 5.0.**

**NOT FOR CONSTRUCTION:**

- **Not for construction.**
- **Not for construction.**
- **Not for construction.**
- **Not for construction.**
- **Not for construction.**

**DEVLOPMENT APPLICATION:**

- **UA 2020-481**
- **Plan Reference:**
- **Date of Application:**
- **Date of Public Exhibition:**

**MR Consulting Engineers**

- **MRC Consulting Engineers**
- **TRADERS IN PURPLE**
- **MR Consulting Engineers**
- **MR Consulting Engineers**
- **MR Consulting Engineers**

**PROJECT:**

- **KINGSTON PARK PARADISE KINGSTON, TAS 7050**
- **Gardens Hills Management Plan**
- **Gardens Hills Management Plan**
- **Gardens Hills Management Plan**
- **Gardens Hills Management Plan**

**NETWORK:**

- **TRADERS IN PURPLE**
- **TRADERS IN PURPLE**
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**C.R.P.:**

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**SUBJECT:**

- **MR Consulting Engineers**
- **MR Consulting Engineers**
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- **MR Consulting Engineers**
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**RUSSIA:**

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**DATE:**

- **J19162**
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SHADOWN & WASHDOWN AREA NOTES

1. SITE ACTIVITIES MUST BE AGREED TO IN ADVANCE TO AVOID THE RISK OF BIOLOGICAL INVADE THE SITE CONSTRUCTION TRADES PUBLIC ROADS.

2. SITE ACTIVITIES MUST BE AGREED TO IN ADVANCE TO AVOID THE RISK OF BIOLOGICAL INVADE THE SITE CONSTRUCTION TRADES PUBLIC ROADS.

3. BOARDING DOWN TO BE A 3m DEEP LAYER OF GRADED CEMENT TO PREVENT SEDIMENT FROM ENTERING THE ROAD. ADDITIONAL MATERIAL MAY NEED TO BE USED TO MAKE THE ROAD LEVEL.

4. INSTALL SEDIMENT CONTROL DEVICES IN PLACE.

5. STORMWATER RUNOFF FROM PUBLIC ROADS MUST BE TRAPED INSTEAD OF ENTERING THE WORK AREA OR AREA OF SOIL DISTURBANCE.

6. APPROPRIATE FENCE LOCATION TO BE VARYING DEPENDING ON THE SCALE NTS.

CONSTRUCTION EXIT-ROCK PAD

MATERIALS

1. ROCK PAD LEADING HARD, VARYING 100mm X 100mm, NON-FRIABLE/ERODIBLE ROCK, HARD, ANGULAR, EROSION RESISTANT ROCK, NOMINAL SIZE 50-75mm, NON-FRIABLE/ERODIBLE ROCK, 200mm THICK BOTTOM, UNDERLINED WITH BIDIM A14 GEOFABRIC OR APPROVED EQUIVALENT.

2. STUDS: MINIMUM 60mm X 60mm OR 80mm X 80mm, UNDERLINED WITH 300mm DEEP LAYER OF GRADED CEMENT TO ACT AS A MACHINE FOR THE ROAD.

INSTALLATION

1. PLACE THE ROCK PAD FORMING A MINIMUM 200mm THICK LAYER OF CLEAN OPEN-PORE ROCK.

2. IF THE ROCK PAD RECEIVES RUNOFF FROM THE ROAD, THEN CLEAR THE SURFACE AREA OF POTENTIAL WASTE MATERIALS BEFORE USING THE ROAD.

3. PLACE THE ROCK PAD FORMING A MINIMUM 200mm THICK LAYER OF CLEAN OPEN-PORE ROCK.

4. PLAM THE END OF THE ROCK PAD WHERE IT MEETS THE PAVEMENT TO THE SATISFACTION OF THE SUPERINTENDENT.

FILTER SOCKS - CONCENTRATED FLOW

MATERIALS

1. SOCKS: MINIMUM 300mm DEEP LAYER OF GRADED CEMENT TO ACT AS A MACHINE FOR THE ROAD.

2. STUDS: MINIMUM 60mm X 60mm OR 80mm X 80mm, UNDERLINED WITH 300mm DEEP LAYER OF GRADED CEMENT.

INSTALLATION

1. SOCKS MUST BE PLACED INDIVIDUALLY OR COLLECTIVELY (AS A SINGLE INSTALLATION) IN THE AREA WHERE THE ROADS MEETS THE PAVEMENT.

2. LEAVE A MINIMUM OF 1M BETWEEN THE SOCKS TO ENSURE THAT THE WATER PASSES THROUGH THE FORMED POND.

3. anchors TO BE USED MUST BE TO THE SATISFACTION OF THE SUPERINTENDENT.

4. THE SURFACE AREA OF POTENTIAL WASTE MATERIALS BEFORE USING THE ROAD.

DRAINAGE CONTROL

1. ALL DRAINAGE CONTROL MEASURES MUST BE AGREED TO IN ADVANCE TO AVOID THE RISK OF BIOLOGICAL INVADE THE SITE CONSTRUCTION TRADES PUBLIC ROADS.

2. TO THE SATISFACTION OF THE SUPERINTENDENT.

3. ADDITIONAL MATERIAL MAY NEED TO BE USED TO MAKE THE ROAD LEVEL.

4. WARN WATER IN ADJACENT AREAS TO BE TRAPPED INSTEAD OF ENTERING THE WORK AREA OR AREA OF SOIL DISTURBANCE.

5. SEDIMENT TRAPS MUST BE PLACED AT THE SATISFACTION OF THE SUPERINTENDENT.

6. WHEREVER PRACTICAL, STORMWATER RUNOFF FROM THE ROAD MUST BE TRAPED INSTEAD OF ENTERING THE WORK AREA OR AREA OF SOIL DISTURBANCE.

SOIL & WATER MANAGEMENT PLAN ESC NOTES: SHEET 2
THIS IS A PHASE 3 ESC PLAN SHOWING EROSION AND SEDIMENT CONTROL MEASURES.

Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020

NOT FOR CONSTRUCTION
ROADWORKS NOTES (ASPHALT)

1. ALL WORKS TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

2. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE. ALL DIMENSIONS ON DRAWINGS ARE SHOWN IN METRES UNLESS SHOWN OTHERWISE.

3. ALL CONSTRUCTION AND TERRAIN WORKS PERFORMED ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

4. FINAL PAVEMENT DETAIL SHALL BE DETERMINED BY THE SUPERVISING ENGINEER AFTER SUITABLE SUBGRADE TESTING.

5. POLES AND DYNAMITE TO BE STORED A MINIMUM OF 50m OF WORKING CLEARANCE.

6. LEVELS AND ELEVATIONS AT JUNCTIONS WITH EXISTING WORKS ARE TO BE CHECKED AND REPORTED TO THE SUPERVISING ENGINEER.

7. SIDEWALKS SHALL BE PROVIDED UNDER ALL WORKS AS SHOWN ON PLANS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.

8. BASE COURSE GRADES, GRAVEYARD ROAD IS TO EXTEND PAST 200mm PAST THE CURB AND CHANNEL. THE SUPERVISING ENGINEER WILL THEN CONFIRM FINAL PAVEMENT DETAIL.

9. NOT FOR CONSTRUCTION

10. ALL DIMENSIONS ARE TO BE NOMINAL FACE OF KERB UNLESS NOTED OTHERWISE.

11. THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND ANY OTHER WRITTEN INSTRUCTIONS PROVIDED BY THE SUPERINTENDENT.

12. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

13. WORKS ARE TO BE PREDERRED NO LATER THAN THE DAYS NOTED AND NO MORE THAN 0.3m BELOW PAVEMENT SUBGRADE.

14. PROOF ROLLING OF SUBGRADE (AND AT PRESEAL INSPECTION) IS TO BE CARRIED OUT WITH A TRUCK WITH A SINGLE REAR AXLE, WITH A LOAD OVER THE REAR AXLE OF 8 TONNES.

15. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

16. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

17. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

18. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

19. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.

20. ALL WORKS ARE TO BE IN ACCORDANCE WITH LOCAL GOVERNMENT DEVELOPMENTS TERRAIN CLASS, WITH TRANSPORT STANDARD DIMENSIONS AND LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
PROPOSED CROWN LIP OF KERB LIP OF KERB PARDALOTTE PARADE 3m

OVERALL SURVEY SURFACE, TYPICAL
TRIANGULAR FILE REVISION "100375 Map" RECEIVED FROM KINGBOROUGH COUNCIL & NOVEMBER 2018, TYPICAL.

EXISTING PARDALOTTE PARADE SURFACE
TRIANGULAR FILE REVISION "100373 Map" RECEIVED FROM KINGBOROUGH COUNCIL & NOVEMBER 2018

TYPICAL ROADWAY SECTION : PARDALOTTE PARADE (SECTION 1)

 SCALE 1:50

LOW PROFILE KERB AND CHANNEL WITH SUBSOIL DRAIN. TYP.
(Subsoil drain as per LGAT STD DWG No. TSD-R12.v1)

REFER GRANULAR : PAVEMENT DETAIL FOR PAVEMENT DETAILS

1. FORMATION INSPECTION
2. SUB-GRADE IMPROVEMENT INSPECTION
3. SUB-BASE INSPECTION
4. KERB STRIP INSPECTION
5. BASE INSPECTION

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TYPICAL ROADWAY SECTION : PARDALOTTE PARADE (SECTION 1)

SCALE 1:50

LEGEND

--- SITE BOUNDARY
--- FINISHED SURFACE
--- BULK EARTHWORXS SURFACE
--- EXISTING SURFACE
--- EXISTING PARDALOTTE PARADE SURFACE
--- PROPOSED FINISHED SURFACE LEVEL

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**PROPOSED CROWN**

**LIP OF KERB**

**LIP OF KERB**

**PARDALOTTE PARADE**

3m

3.0%

3.0%

2.0%

2.0%

**TYPICAL ROADWAY SECTION : PARDALOTTE PARADE (SECTION 1)**

SCALE 1:50

**LOW PROFILE KERB AND CHANNEL WITH SUBSOIL DRAIN. TYP. (KERB AS PER STANDARD DETAIL)**

**SUBSOIL DRAIN AS PER LGAT STD DWG No. TSD-R12.v1**

**REFER GRANULAR : PAVEMENT DETAIL FOR PAVEMENT DETAILS**

---

**FORMULATION**

1. ESTIMATOR INSPECTION
2. SUB-BASE INSPECTION
3. BASE INSPECTION
4. GRANULAR/PAVEMENT DETAIL FOR PAVEMENT DETAILS

**LEGEND**

- SITE BOUNDARY
- EXISTING SURFACE
- EXISTING PARADLOTE PARADE SURFACE
- PROPOSED FINISHED SURFACE LEVEL
- BULK EARTHWORKS SURFACE
- BULK EARTHWORKS SURFACE
- FINISHED SURFACE
- EXISTING PARDALOTTE PARADE SURFACE

**TYPICAL ROADWAY SECTION : PARDALOTTE PARADE (SECTION 1)**

SCALE 1:50

---

Development Application: DA-2020-881
Plan Reference no.: P1
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Date placed on Public Exhibition: 26 September 2020
Development Application: DA-2020-461
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
WATER RETICULATION

1. All works in accordance with the Water Supply Code of Australia (NSW) as at 31 May 2013. Authorised by: M.R. C. All work shall comply with the relevant Australian Standards.

2. Designated underground all services and work shall comply with the relevant Australian Standards.

3. Adopt pipe size or galleys of road as environmental level.

4. Refer to local water supply pump, outsized 2.5 to the above supplement.

5. Siting of water supply pump(s) to be placed in full water main trenches across the pipe.

6. Water main and/or service diversion has been approved from Council drainage services.

7. Threat to trees to be constructed after standard drawings.

8. Refer to appropriate DWG 10 to 12 of the above supplement.

ENVIRONMENTAL CONDITIONS

Note: All environmental protection measures should be implemented prior to commencing any works. Including clearing, commencing.

Vegetation Protection

1. Trees located along the frost protection line are to be transplanted from the worksite, not otherwise to construction, unless otherwise agreed.

2. Water supply pipes or galleys in the vicinity of the trees are to be transplanted from the worksite, not otherwise agreed.

3. Trees shall be transplanted, rather than worked by roots. Where trees are removed, the cleared area shall be treated with suitable fungicide.

4. Contact relevant staff prior to any works above or around these trees.

5. Any clearing or deforestation should be undertaken in accordance with NSW Forestry Act 1999.

Soil Management

1. Tops and borders should be stockpiled separately.

2. Layers shall be taken to prevent sediment entering the drainage system. All work is to be planned and undertaken in accordance with local regulations.

Creek/Crossing

1. Sectional control measures shall be placed down the streamline of any creek/pool contamination.

2. Appropriate sediment controls shall be used to prevent sediment from entering the creek.

3. No machinery shall be stockpiled within 100m of Creek.

Rehabilitation

1. Prior to disturbance, soil profiles and compaction levels shall be recorded prior to construction.

2. Prior to disturbance, vegetation patterns should be restored.

Public Protection

1. The design and construction of works shall comply with all Queensland legislation.

AS CONSTRUCTED DETAILS

Locality that is the uploaded details shown in this plan are not accurate.

Signature: _____________________________

NOT FOR CONSTRUCTION

TRADERS IN PURPLE

Project: KINGSTON PARK

PARADISE PARK

PARDALOTE PARADE

KINGSTON TAS 7050

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TASWATER AND CONSTRUCTOR LIVE WATER WORKS SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>FITTING</th>
<th>DIA WATER</th>
<th>MATERIAL</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>PROPOSED DN150 PN16 PVC-M WATER MAIN</td>
<td>150</td>
<td>PVC</td>
<td>PURSUE</td>
</tr>
<tr>
<td>45</td>
<td>AFTER SUCCESSFUL TESTS REMOVE EXISTING END PLATE USE WITH BLANK END PLATE, FIRE PLUG, COVER UNDER ROAD WITH FULL DEPTH COMPACTED FCR BACKFILL. ENSURE 750 MIN.</td>
<td>150</td>
<td>PVC</td>
<td>PURSUE</td>
</tr>
<tr>
<td>46</td>
<td>PROPOSED DN100 PN16 PVC-M WATER MAIN</td>
<td>100</td>
<td>PVC</td>
<td>PURSUE</td>
</tr>
<tr>
<td>47</td>
<td>ELECTRICAL CROSSING OF PARDALOTE PARADE NOT YET FINALISED</td>
<td>150</td>
<td>PVC</td>
<td>PURSUE</td>
</tr>
</tbody>
</table>

ELECTRICAL CROSSING NOTE

Electrical Crossing of Pardalote Parade Not Yet Finalised
By TASwater. It is envisaged that the electrical crossing will be re-opened for the new water main to connect across community hub.

Development Application: DA-2020-481
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Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
### DATUM 3.000

#### PROPERTY DESCRIPTION
- **PARDALOTE PARADE** (ROADWAY)

#### PIPE NOMINAL DIAMETER
- **DN200**

#### GRADE (1 in X)
- 300.00

#### DEPTH OF INVERT BELOW FSL

#### INVERT LEVEL (IL)

#### FINISHED SURFACE LEVEL (FSL)

#### EXISTING SURFACE LEVEL (ESL)

#### CHAINAGE (CH)

### LINE NUMBER LINE 1

#### HORIZONTAL SCALE

#### VERTICAL SCALE

---

**Development Application:** DA-2020-481

**Plan Reference no.:** J1

**Date Received:** 31 August 2020

**Date placed on Public Exhibition:** 26 September 2020
STORMWATER NOTES

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT LOCAL GOVERNMENT SPECIFICATIONS AND LOCAL GOVERNMENT ENGINEERING SPECIFICATIONS.

2. ALL STORMWATER DRAINAGE PIPES ARE TO BE MARKED A.C. CLASS "D" OR F.R.C. CLASS "A" AND TO BE MARKED ON PLAN. ALL UPVC STORM PIPES SHALL BE CLASS "D".

3. THE CONTRACTOR IS TO VERIFY ALL PLACED AND CONSTRUCTED PIPES TO BE IN ACCORDANCE WITH THE STORMWATER OUTLET LOCATIONS TO EXISTING INFRASTRUCTURE. THE CONTRACTOR IS TO VERIFY ALL PLACED AND CONSTRUCTED PIPES TO BE IN ACCORDANCE WITH THE STORMWATER OUTLET LOCATIONS TO EXISTING INFRASTRUCTURE. THE CONTRACTOR IS TO VERIFY ALL PLACED AND CONSTRUCTED PIPES TO BE IN ACCORDANCE WITH THE STORMWATER OUTLET LOCATIONS TO EXISTING INFRASTRUCTURE. THE CONTRACTOR IS TO VERIFY ALL PLACED AND CONSTRUCTED PIPES TO BE IN ACCORDANCE WITH THE STORMWATER OUTLET LOCATIONS TO EXISTING INFRASTRUCTURE.

4. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING INFRASTRUCTURE WITH ALL RELEVANT AUTHORITIES BEFORE COMMENCING CONSTRUCTION. PROVIDE A COPY OF THE INFORMATION TO THE SITE SUPERINTENDENT. DRAWING NO. C-7.10 ISSUED FOR COUNCIL APPROVAL.

5. EXCAVATION AND RECORDED LOCATIONS OF STORMWATER DRAINAGE PIPES TO BE MARKED C.O.D.C. WITH PROMPTED PIPE CLASS MARKED A.C. CLASS "D" OR F.R.C. CLASS "A". PROVIDE A COPY OF THE INFORMATION TO THE SITE SUPERINTENDENT. DRAWING NO. C-7.10 ISSUED FOR COUNCIL APPROVAL.

6. ALL WORKS TO JOIN NEARLY TO EXISTING CONSTRUCTION. PROVIDE A COPY OF THE INFORMATION TO THE SITE SUPERINTENDENT. DRAWING NO. C-7.10 ISSUED FOR COUNCIL APPROVAL.

7. THE CONTRACTOR IS TO VERIFY ALL FINISHED SURFACE LEVELS OF PROPOSED SERVICE CROSSINGS.

8. THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT. ALL CONSTRUCTION UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT.

9. WEEP HOLES IN THE UPSTREAM SIDE OF THE PIT USING 2m OF SOCKED AGG. TRENCHES ARE TO BE DRAINED INTO MAINTENANCE HOLES AND PITS THROUGH MAINTENANCE HOLES. THE CONTRACTOR IS TO PROVIDE COPIES OF ALL TEST RESULTS AT REGULAR INTERVALS DURING THE WORKS. ANY NON-CONFORMANCES ARE TO BE RECTIFIED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.

10. ALL CONSTRUCTION UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT.

11. PROVIDE A ROUGH SURFACE. IN A MANNER THAT NO SINGLE STONE CAN BE DISLODGED BY WATER FLOW & SO FILLING STONE DIAMETER BEING 200mm. STONES SHALL BE SET & INTERLOCKED.

12. STONE PITCHING TO BOTH INLETS & OUTLETS SHALL BE PLACED AS DIRECTED & INTERLOCKED. STONE PITCHING SHALL BE SOUND ROCK WHICH WILL NOT DISINTEGRATE IN WATER. THE STONES SHALT BE NOT LESS THAN 0.01 CUBIC METRES GENERALLY, BUT WITH AVERAGE SHALT BE SOUND ROCK WHICH WILL NOT DISINTEGRATE IN WATER. THE STONES.

13. STONE PITCHING notes

STONE PITCHING NOTES

1. STONE PITCHING TO BOTH INLETS & OUTLETS SHALL BE PLACED AS DIRECTED & INTERLOCKED. STONE PITCHING SHALL BE SOUND ROCK WHICH WILL NOT DISINTEGRATE IN WATER. THE STONES SHALT BE NOT LESS THAN 0.01 CUBIC METRES GENERALLY, BUT WITH AVERAGE SHALT BE SOUND ROCK WHICH WILL NOT DISINTEGRATE IN WATER. THE STONES.

2. PROVIDE A ROUGH SURFACE. IN A MANNER THAT NO SINGLE STONE CAN BE DISLODGED BY WATER FLOW & SO FILLING STONE DIAMETER BEING 200mm. STONES SHALL BE SET & INTERLOCKED.

3. STONE PITCHING DEPTHS SHALT BE IN ACCORDANCE WITH THE CONTRACTORS APPROVED SET OUT. STONE PITCHING DEPTHS SHALT BE IN ACCORDANCE WITH THE CONTRACTORS APPROVED SET OUT.

4. REFER STORMWATER OUTLET SCHEDULE FOR DIMENSIONS OF STONE PITCHING.
NOT FOR CONSTRUCTION

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Electrical
Gas
BSP LIC No: 924661903

PARDALOTE PARADE

Stormwater Notes

Legend

Property Boundary
Internal Property Boundary
External Property Boundary
Existing Major Contour
Existing Minor Contour
Existing Water
Existing Stormwater
Existing Sewer
Existing Electrical
Existing Gas

Proposed Sewer Line
Proposed Water Main
Proposed Stormwater Line
Proposed Existing Stormwater GP
Proposed Existing Stormwater Pit
Proposed Stormwater Double Pit

Note: Maintenance hole is to be constructed over the end of the existing draino stormwater pit once existing 'dip' entry pit (BP 20-115) is removed.


PARDALOTE PARADE

NOT FOR CONSTRUCTION

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Electrical
Gas
BSP LIC No: 924661903

PARDALOTE PARADE

Stormwater Notes

Legend

Property Boundary
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Existing Major Contour
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Proposed Sewer Line
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Proposed Existing Stormwater GP
Proposed Existing Stormwater Pit
Proposed Stormwater Double Pit

Note: Maintenance hole is to be constructed over the end of the existing draino stormwater pit once existing 'dip' entry pit (BP 20-115) is removed.


**HAZARD / RISK ASSESSMENT REGISTER - CIVIL WORKS**

**PROJECT**
PARDALOTTE PARADE WORKS

**PROJECT NO.** J19162

**PROJECT DESCRIPTION**
PARDALOTTE PARADE WORKS

**PROJECT LOCATION**
PARDALOTTE PARADE, KINGSTON, TAS 7050

A HAZARD is anything with the potential to cause harm.

RISK is a combination of the likelihood of the harm occurring and the severity of the harm should it occur.

CONTROLS are measures to eliminate or reduce risk to an acceptable level.

ABNORMAL RISKS are aspects of our project, structure or materials as identified by our design which may prevent significant hazards that are unusual, not obvious or difficult to manage.

**RISK ID No.**

| RISK ID No. | PROJECT PHASE | HAZARD / RISK DESCRIPTION | RISK MANAGER | CONSEQUENCE / LIKELY HARM | LIKELIHOOD | SEVERITY | INITIAL RISK RATING = L x S | TREATMENT OPTION / MITIGATION ACTION | PLAN FOR AVOIDANCE | CONTROLS TO BE PROVIDED | CONSEQUENCE / LIKELY HARM | LIKELIHOOD | SEVERITY | RESIDUAL RISK RATING = L x S | - ADOPTED TREATMENT | - REASON | - BY WHOM | COMMENT |
| 1 | Design & Construction | Batter and adjacent retaining wall instability | Principal Contractor | Batter or retaining wall falls / death / major injury | 3 | 4 | 12 | Principal Contractor shall implement a Safe Work Method Statement and design and undertake works with the required level of supervision from a geotechnical engineer. | No Failure | 1 | 4 | 4 |
| 2 | Design & Construction | Falling from heights / Major injury | Principal Contractor | Major Injury | 3 | 4 | 12 | Principal Contractor shall implement a Safe Work Method Statement for working at heights. Winning signs to be implemented and welfare provided. | Major injury | 2 | 4 | 8 |
| 3 | Construction | Open trenches | Principal Contractor | Falling from heights / Major injury | 3 | 4 | 12 | Trenches to be backfilled each day before contractors leave site. Or appropriate welfare provided. | Trench is fitted with a taut safety rope. Not advisable when raining. | 1 | 4 | 4 |
| 4 | Construction | Traffic & Pedestrians - Collision with traffic or pedestrians during works | Principal Contractor | Collision/Injury / death/damage | 3 | 5 | 15 | Principal Contractor to implement and maintain a Safe Work Method Statement. Appropriation traffic control is to be implemented. | Collision - Injury, Death, Property Damage | 2 | 5 | 10 |
| 5 | Construction | Stormwater runoff / ESC of earthworks areas | Principal Contractor | Sedimentation build up on adjacent roadway, and adjoining properties, environmental harm | 4 | 2 | 8 | Principal Contractor to implement and maintain Erosion and Sediment Control measures in accordance with design drawings and BCCCA Standards prior to and during construction. | ESC is controlled on site | 3 | 1 | 3 |
| 6 | Design & Construction | Works adjacent to existing services (electrical, water) | Principal Contractor | Existing service is struck. Physical injury or death (electrocution) | 3 | 5 | 15 | Principal Contractor to locate services and ensure they are marked and protected. Safe Work Method Statements to be provided for works around existing services. | Service is not struck - no harm | 1 | 5 | 5 |

**RISK RATING RESULTS**

1 - 2 LOW NO FURTHER ACTION REQUIRED UNLESS BENEFICIAL ACTIONS CAN BE EASILY UNDERTAKEN

3 - 6 MEDIUM CONTROL MEASURES MUST BE PUT IN PLACE TO REDUCE THIS RISK UNLESS IT WOULD INVOLVE EXCESSIVE COST FOR LITTLE BENEFIT

8 - 12 HIGH ALL REASONABLY PRACTICABLE CONTROL MEASURES MUST BE PUT INTO PLACE BEFORE THIS TASK MAY PROCEED

15 - 25 VERY HIGH THIS ACTIVITY MUST NOT BE UNDERTAKEN OR SHOULD BE STOPPED. UNTIL ADDITIONAL MEASURES HAVE BEEN PUT IN PLACE TO REDUCE THE RISK.

**LIKELIHOOD**

- OCCURRENCE VIRTUALLY INEVITABLE, MAY OCCUR MANY TIMES
- OCCURRENCE NOT SURPRISING, MAY OCCUR MORE THAN ONCE
- LIKELY TO OCCUR SOMETIMES
- UNLIKELY TO OCCUR, THOUGH CONCEIVABLE
- SO UNLIKELY THAT PROBABILITY IS CLOSE TO ZERO

**SEVERITY**

- FATALITY
- MAJOR INJURY
- SIGNIFICANT INJURY
- FIRST AID INJURY
- MINOR INJURY

**RISK RATING**

- 5
- 4
- 3
- 2
- 1
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NOTES

GENERAL
1. ALL LEVELS IN METRES TO AHD. ALL COORDINATES IN METRES TO 0344.
2. ALL DISTANCES ARE IN METRES (M) UNLESS SPECIFIED OTHERWISE.
3. ALL LEVELS AND ALIGNMENTS OF EXISTING SERVICES AT ALL CROSSING POINTS WITHIN THE AREA OF WORKS ARE TO BE CONSIDERED PRIOR TO COMMENCING EXCAVATION TO IDENTIFY AND MINIMIZE POINTS OF CONFLICT. EXCAVATION WITHIN THE PROXIMITY OF EXISTING SERVICES SHALL PROCEED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT SERVICE AUTHORITY.
4. ALL SURVEY MARKS AND BENCHMARKS SHALL BE PRESERVED. DAMAGE TO SURVEY MARKS SHALL BE REPORTED TO THE SUPERINTENDENT.
5. ALL SMPS WITHIN 10M OF THE EXTENT OF WORKS SHALL BE CHECKED BY A SURVEYOR PRIOR TO WORKS COMMENCING AND THEN RECHECKED FOR ANY DISTURBANCE BEFORE THE WORKS ARE COMPLETED. ALL DISTURBED SMPS’ TO BE REINSTATED BY A SURVEYOR APPROVED BY THE OFFICE OF THE SURVEYOR GENERAL.
6. SMP Nos. 5129, 5130 & 5150 MAY BE DESTROYED AND THE OFFICE OF THE SURVEYOR GENERAL SHOULD BE NOTIFIED.

8. THE IMPACT ON THE ENVIRONMENT SHALL BE MINIMIZED BY OBSERVING THE FOLLOWING CONSTRUCTION PRACTICES:
   - AREAS DISTURBED BY CONSTRUCTION TRAFFIC AND PROCEDURES SHALL BE MINIMIZED.
   - SOIL STABILIZATION SHALL BE CARRIED OUT IMMEDIATELY AFTER THE COMPLETION OF TOPSOIL PLACED.
   - FLOW DIVERSION SHALL BE CARRIED OUT BY DAILY INSTALLATION OF DRAINS ALONG TOPS OF BATTERS WITH APPROPRIATE SEDIMENT CONTROL DEVICES.
   - SEDIMENT INTERCEPTION BY THE PLACEMENT OF TEMPORARY SILT FENCING AND GEOTEXTILE SACK BARRIERS ACROSS DRAINAGE LINES AND AT INTERCEPTION POINTS FOR BOTH THE CONSTRUCTION AND STOCKPILE AREAS.
9. NO VEGETATION SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE SUPERINTENDENT UNLESS NOTED ON THE DRAWINGS.

CIVIL WORKS
1. MATCH INTO EXISTING SURFACE WITH ALL NEW WORKS UNLESS NOTED OTHERWISE.
2. ALL EXISTING LINEMARKING AND SIGNAGE TO BE REMOVED UNLESS NOTED OTHERWISE. SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH TSD-R23.
3. REFER TO DRAWING TSD-R02 FOR ALL LINE MARKING TYPES.
4. LINEMARKING SIGNS AND MARKER’S SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.
5. LINEMARKING PAINT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF AS4049.3 WITH RETROACTIVE CLASS FOR 2009.
6. ALL FOOTPATHS TO BE SIMILAR TO TSD-R11 OVER APPROVED COMPACTED SUBGRADE WITH WIDTHS AS SPECIFIED ON PLANS AND FINISHED IN GREY BROOMED WASHED AGGREGATE.
7. ALL Kerbs RAMPS TO BE IN ACCORDANCE WITH AS1428 AND SIMILAR TO TSD-R18.
8. ALL DRIVeways, CROSSROADS AND APARTMENTS TO BE AS TSD-R09 OVER APPROVED COMPACTED SUBGRADE.
9. ALL Kerbs TO BE N25 CONCRETE UNLESS NOTED OTHERWISE.
10. ALL Kerbs TO BE TYPE KC AS PER TSD-R14 UNLESS NOTED OTHERWISE. ALL MOUNTABLE KERBS AND CHANNEL AS PER TSD-R14 TYPE KCM.
11. ALL VEHICLE CROSSINGS TO BE SIMILAR TYPE KC AS PER TSD-R14 AND R16 UNLESS NOTED OTHERWISE.
12. REFER TO DRAWING TSD-I16 FOR SUBGRADE DETAILS OF KERBS.
13. WHERE NEW KERBING TYPE KC IS INSTALLED, DOWEL INTO EXISTING KERBS OR AT CONSTRUCTION JOINTS WITH MIN 3-R12 BARS 400mm LONG AND GROOVED AT ONE END.
14. WHERE ANY NEW CONCRETE FOOTPATHS ARE INSTALLED, DOWEL 400mm LONG AT 500mm centres MAX WITH R12 BARS IN SLAB THICKNESSES OF 600mm. OTHERWISE USE R16 BARS UNLESS NOTED OTHERWISE.
15. WHEN JOINING NEW PAVER TO EXISTING PAVER, SAWN CUT EXISTING AND MAKE SMOOTH NEAT CONNECTION.
16. RAKE/LOWER EXISTING ACCESS CHAMBERS, VALVE AND HYDRAULIC COVERS TO MATCH FINISHED SURFACE LEVELS.
17. ALL LIDS IN PAVER AND DRIVEWAYS TO BE TRAFFICABLE.
18. ALL DIFFERENT SERVICE MARKERS AND/or POSTS TO BE EITHER REMOVED OR REPLACED, INSTALLED OR SUITABLE FINISHED SURFACE LEVELS, TO CURRENT STANDARDS.
19. EXCAVATION IN PROXIMITY TO ELECTRICAL ASSETS TO BE IN ACCORDANCE WITH TASEWATER’S “Guidelines when working near TASEWATER’S electrical assets’.

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Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
KINGSTON PARK PLAYGROUND (UNDER CONSTRUCTION)

TEMPORARY CONNECTION TO DSSEP15/2 TO BE Filled & CAPPED WORKS IN CONJUNCTION WITH CONSTRUCTION OF THE EXTENSION OF ROAD 'F' TO GOSHAWK WAY

500mm NEW GRAVEL BERM

STORMWATER LINES TO BE CONSTRUCTED TO SW11/3 AND TEMPORARY GAP PLACED AT UPSTREAM END OF PIPE

FUTURE EXTENSION ROAD 'F'

LEGEND

EXISTING UNDERGROUND ELECTRICITY
EXISTING OVERHEAD ELECTRICITY
EXISTING TELEPHONE
EXISTING FENCE
NEW WATER
NEW STORMWATER PIPE
NEW SUBSOIL DRAINAGE PIPE
FULL DEPTH PAVEMENT WITH 7/10 TWO COAT PRIME & SEAL
HERBS AND CHANNEL
EXPOSED AGGREGATE FOOTPATH
(AGGREGATE-WHITE CALDER 8mm(HEMI) COLOUR-CARGO 1x10kg PER m² "TOOL TRENDS")
CRUSHED LIMESTONE

BEWARE OF UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT LOCATION SHOULD BE PROVEN ON SITE BY THE RELEVANT AUTHORITIES. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN.

THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF WORKS.

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Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
Road "F" Centreline Long Section

Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020

Kingston Park, Kingston
Road F Stage 2
Interim Road Construction
Road "F" Centreline Long Section

Drawn by: [Signature]
Prepared by: [Signature]

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Account: 00006
Contractor Drawing Number: 2951-106
Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
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Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
PIPE DETAILS
GRADE: 13.5%

DATE: 30/08/20

DEVELOPMENT APPLICATION: DA2020-091
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
Date placed on Public Exhibition: 26 September 2020
Development Application: DA-2020-481
Plan Reference no.: P1
Date Received: 31 August 2020
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NUMER LEGEND
1 1300mm wide Pedestrian ramps to each side of the secondary entry road into Kings Quarter.
2 Street trees A. platanoides var. inermis ‘Shademaster’ in free grades as per drawing notes.
3 Landscape buffer consisting of Tasmanian native shrubs, tussocks and groundcovers to provide a backdrop to the end of the Parade/Parade vista, and a transition into the adjoining Southern Outlet road reserve vegetation buffer.
4 Deposited concrete footpath, Aggregate ‘White Cooler’ 9mm (HiH) Colour - Cargo 1kg/m3 ‘Cool Trend’. 
5 Future footpath connecting the CBD with the residential area on the other side of the Southern Outlet.
6 Future vehicle access area to adjoining residential precincts.
7 Low planting consisting of hardy grasses and sedum with a mature height no higher than 500mm, to provide a buffer between the footpath and the road adjoining the intersection.
8 ‘No Standing’ traffic sign as shown on the engineer’s drawings.
9 Transition from the exposed concrete footpath and the precis concrete unit power (FCUP) pavement. This transition point aligns with the FCUP termination point on the southern side of Parade Parade to maintain consistency.
10 Car parking bays as shown on the engineer’s drawings.
11 Secondary entry into the adjoining Kings Quarter residential precinct with two ornamental feature street trees A. platanoides var. ‘Flaming Flame’ to highlight the transition from the residential street to Parade Parade.
12 Coloured exposed concrete footpath connecting Kings Quarter with Parade Parade.
13 Coloured concrete private residence access path from Parade Parade.
14 Planting within the Parade Parade road reserve to provide a soft transition between the hard landscape pavement and the adjoining residential frontage.
15 Access to adjoining parkland.
16 Streetscape seating to be Bolton & Gardiner to match seating in playground.
17 ‘Pedestrian Crossing’ traffic sign as shown on the engineer’s drawings.
18 Raised crossing as shown on the engineer’s drawings. Colour of times powers to be selected by Council.
19 Adjoining Kings Quarter piazza consisting of precis coloured concrete unit power pavement.
20 ‘40’ Speed Zone traffic sign as shown on the engineer’s drawings.
21 Ornamental feature street trees A. platanoides var. ‘Flaming Flame’ to highlight the beginning and end of the primary pedestrian and traffic area of Parade Parade.
22 Primary entry into the adjoining Kings Quarter residential precinct with two ornamental feature street trees A. platanoides var. ‘Flaming Flame’ to highlight the transition from the residential street to Parade Parade.
23 Existing street trees to be replanted to maintain consistency along Parade Parade.

PROPOSED PLANTING SCHEDULE

<table>
<thead>
<tr>
<th>BOTANICAL NAME</th>
<th>COMMON NAME</th>
<th>H/W</th>
<th>PDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer rubrum var. ‘Flaming Flame’</td>
<td>Flame Tree</td>
<td>10 x 6m</td>
<td>100,1</td>
</tr>
<tr>
<td>Gleditsia triacanthos var. inermis ‘Shademaster’</td>
<td>Honey Locust</td>
<td>12 x 8m</td>
<td>100,1</td>
</tr>
<tr>
<td>Shrub</td>
<td>Calodendron eriodontum</td>
<td>Lemon Bottlebrush</td>
<td>3 x 2m</td>
</tr>
<tr>
<td>Ceanothus filamentosus</td>
<td>Ceanothus</td>
<td>1 x 2m</td>
<td>140mm</td>
</tr>
<tr>
<td>Pultenaea alpinifolia</td>
<td>Heartleaf Bush</td>
<td>2 x 2m</td>
<td>140mm</td>
</tr>
<tr>
<td>Groundcover and Tussocks</td>
<td>Diploria monopoda</td>
<td>Snake Lily</td>
<td>4 x 2m</td>
</tr>
<tr>
<td>Juniperus horizontalis</td>
<td>Snow Juniper</td>
<td>3.4 x 2m</td>
<td>140mm</td>
</tr>
<tr>
<td>Leucadendron longifolium</td>
<td>Natal Bush</td>
<td>1 x 1m</td>
<td>140mm</td>
</tr>
</tbody>
</table>

STREET TREES

Acer rubrum var. ‘Flaming Flame’

Gleditsia triacanthos var. inermis ‘Shademaster’

DRAWING NOTES

The streetscape concept plan shall be read in conjunction with the civil engineering drawings for all road and kerb treatments, line marking, services, signage and surfacing.

All precis concrete unit power layout, garden bed installation and planting, and street tree installation, both in town and within pavement areas, will be installed in accordance with the ‘Kingston Central Off Landscape Details’ as prepared by Playstreet Landscape Architecture, July 2017.