

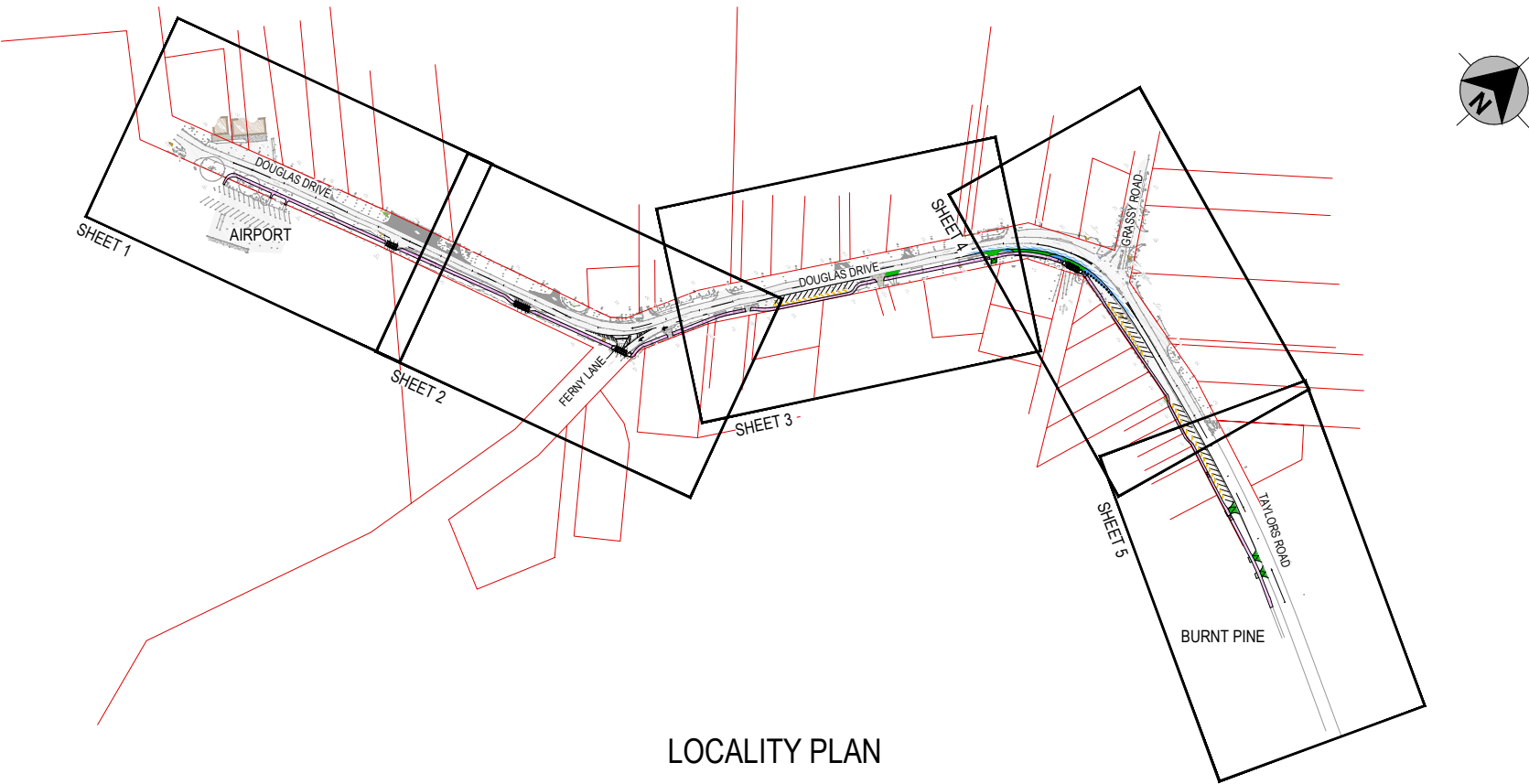
NORFOLK ISLAND REGIONAL COUNCIL

NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH

CONCEPT DESIGN

FOR INFORMATION ONLY

9 October 2020



| DRAWING NO. | DESCRIPTION |
|-----------------|---|
| HD20007-CS-1000 | CONCEPT DESIGN- COVER SHEET |
| HD20007-GN-1001 | CONCEPT DESIGN - GENERAL NOTES AND LEGEND |
| HD20007-GD-1002 | CONCEPT DESIGN - GENERAL DETAILS |
| HD20007-TS-1003 | CONCEPT DESIGN - TYPICAL CROSS SECTIONS |
| HD20007-DP-1101 | CONCEPT DESIGN- LAYOUT PLAN (1 OF 5) |
| HD20007-DP-1102 | CONCEPT DESIGN - LAYOUT PLAN (2 OF 5) |
| HD20007-DP-1103 | CONCEPT DESIGN - LAYOUT PLAN (3 OF 5) |
| HD20007-DP-1104 | CONCEPT DESIGN - LAYOUT PLAN (4 OF 5) |
| HD20007-DP-1105 | CONCEPT DESIGN - LAYOUT PLAN (5 OF 5) |

ORIGINAL DRAWING IN COLOUR

NOT FOR CONSTRUCTION

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|-----|----------------------|----------|----------|----------|--|--|---|--------------|-----------|--|-----------|-------------|---------------------------------|
| - | - | - | - | - | <div>Prepared by</div> <div></div> | <div>Client</div> <div></div> | <div>NTS</div> <div>Dimensions in metres unless otherwise noted</div> | Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL |
| - | - | - | - | - | | | | - | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | | | |
| - | - | - | - | - | | | | - | Title | CONCEPT DESIGN COVER SHEET | | | |
| 1 | REVISED CONCEPT | CC | - | 09.10.20 | | | | Approved | - | Sheet | A1 | Drawing No: | HD20007-CS-1000 |
| 0 | DRAFT CONCEPT | CC | - | 08.10.20 | Date | - | Scale | DO NOT SCALE | | | | | |
| No. | Revision Description | Initials | Approved | Date | | | | | | | | | |

LEGEND (GENERAL)

| | |
|--|--|
| | EXISTING FEATURES |
| | PROPERTY BOUNDARIES (SURVEYED) |
| | EXISTING ROAD SURFACE (SURVEYED) |
| | PROPOSED CONCRETE FOOTPATH (TOTAL AREA = 1184m2) |
| | PROPOSED CONCRETE DRIVEWAY / ACCESSWAY (TOTAL AREA = 33m2) |
| | PROPOSED DRIVEWAY/PAVEMENT REHABILITATION (TOTAL AREA = 161m2) |
| | PROPOSED ACO DRAIN |
| | DISH DRAIN OUTLET |
| | PEDESTRIAN FENCE |
| | PROPOSED WHEEL STOP |
| | RRPM'S (HALF SPACED) |
| | EXISTING SEWER (INDICATIVE) |
| | EXISTING ELECTRICAL (INDICATIVE) |
| | SIGHT DISTANCE CALCULATIONS |

LEGEND (LINEMARKING)

| | |
|--|----------------------------------|
| | DOUBLE BARRIER LINE |
| | LEFT HAND EDGE LINE |
| | RIGHT HAND EDGE LINE |
| | LANE LINE |
| | UNBROKEN LANE LINE |
| | CONTINUITY LINE |
| | TRAFFIC ISLAND OUTLINE EDGE LINE |
| | CHEVRON OUTLINE EDGE LINE |
| | GIVE WAY LINE |
| | STOP LINE |
| | LEFT TURN LANE RURAL - AR3(L) |
| | RIGHT TURN LANE RURAL - AR3(R) |
| | STRAIGHT AHEAD - AR1 |

LEGEND (SIGNS)

| | |
|--|-------------------------------|
| | EXISTING SIGN LOCATION |
| | NEW SIGN LOCATION |
| | PROPOSED BOLLARDS |
| | EXISTING SIGN TO BE REMOVED |
| | EXISTING SIGN TO BE RELOCATED |
| | NEW SIGN |
| | EXISTING SIGN |
| | EXISTING SIGN TO BE RELOCATED |
| | EXISTING SIGN TO BE REMOVED |

GENERAL

- THE DESIGN HAS BEEN COMPLETED WITH REFERENCE TO:
 - AUSTRALIAN STANDARD 1742.10-2009 PART 10: PEDESTRIAN CONTROL AND PROTECTION;
 - AUSTROADS GUIDE TO ROAD DESIGN PART 6A: PEDESTRIAN AND CYCLIST PATHS.
- PATHWAY LIGHTING HAS NOT BEEN CONSIDERED AT THIS STAGE.
- ALL DIMENSIONS ARE IN METRES.
- SURVEY INFORMATION PROVIDED BY ABBOTT AND MACRO LAND AND ENGINEERING SURVEYORS (SURVEY DATED 29.08.2019 - LOCAL DATUM), WHICH DOES NOT INCLUDE THE RECENT PAVEMENT UPGRADES.
- THE FOOTPATH CONCEPT DESIGN HAS BEEN DESIGNED TO THE SURVEYORS LOCAL COORDINATE DATUM FOR ALIGNMENT ONLY (IE. VERTICAL DESIGN COMPONENT HAS NOT BEEN CONSIDERED AT THIS STAGE).
- AERIAL PHOTOS HAVE BEEN EXTRACTED FROM NEARMAP FOR REFERENCE ONLY.

SERVICES

- NIRC TO DETERMINE THE LOCATION, DEPTH AND EXTENT OF UTILITY SERVICES PRIOR TO COMMENCEMENT OF ANY WORK ON THE SITE.
- NO WORK TO BE CARRIED OUT WITHIN 3m OF ANY EXISTING SERVICES WITHOUT PRIOR RECORDED CONSULTATION WITH THE RELEVANT AUTHORITY.
- UTILITY INFORMATION SHOWN ON THE PLANS HAS BEEN DRAFTED FROM AERIAL PHOTOGRAPHS AND A SITE WALK OVER, AND ARE SHOWN ON THESE PLANS FOR INFORMATION ONLY UNTIL VERIFIED ON SITE.
- THE PRESENCE OF A UTILITY SERVICE, ITS SIZE AND LOCATION SHOULD BE CONFIRMED BY FIELD INSPECTION, PRIOR TO THE COMMENCEMENT OF ROADWORKS. CAUTION SHOULD BE EXERCISED WHEN WORKING IN THE VICINITY OF ALL UTILITY SERVICES.
- THE CONTRACTOR IS TO CONTACT NETWORK INTEGRITY FOR ONSITE LOCATION AND CO-ORDINATION OF TELSTRA UTILITY RELOCATION WORKS.
- THE CONSTRUCTION CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ANY DAMAGE INCURRED TO EXISTING UTILITY SERVICES AS A RESULT OF THE EXECUTION OF THE WORK UNDER THE CONTRACT.

SCOPE

- THIS PACKAGE OF WORKS HAS BEEN PREPARED TO PROPOSE 2D CONCEPT DESIGN OPTIONS FOR THE CONSTRUCTION OF A FOOTPATH BETWEEN THE NORFOLK ISLAND AIRPORT AND THE EXISTING FOOTPATH FACILITIES AT JUDDWAY.

LINEMARKING

- REMOVE ALL REDUNDANT LINEMARKING BY ABRASIVE BLASTING
- ALL GUIDEPOSTS, LINEMARKING & RRPM'S TO BE IN ACCORDANCE WITH THE AS1742, RMS DELINEATION MANUAL.
- LINEMARKING AND FOOTPATH SETOUT INFORMATION TO BE PROVIDED BY HAMMERHEAD DESIGN PTY LTD IN ELECTRONIC FORMAT ONCE THE FINAL DRAWINGS HAVE BEEN APPROVED FOR CONSTRUCTION BY NIRC.

SIGNS

- SIGNS SHALL BE A MINIMUM OF 0.6m FROM THE EDGE OF FORMATION AND NOT LESS THAN 2m OR MORE THAN 5m FROM THE EDGE OF TRAVEL LANE IN ACCORDANCE WITH AS1742.2. POST AND GROUND FOOTING DETAILS ARE TO BE SPECIFIED BY NIRC TO SUIT THE SIZE OF SIGN AND GROUND CONDITION.

CONCRETE

- ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH THE AS3600 AND THE REQUIREMENTS OF THE NIRC.
- SLAB TO BE A MINIMUM THICKNESS OF 125mm, N20 MIN. GRADE CONCRETE (NORMAL CLASS CONCRETE UNLESS OTHERWISE SPECIFIED). N20 SHALL MEAN NORMAL CLASS CONCRETE WITH A 28 DAY MINIMUM STRENGTH OF 20MPa.
- CONCRETE MIX TO BE APPROVED BY THE NIRC SUPERINTENDENT PRIOR TO PLACING.
- MINIMUM AGGREGATE SIZE 20mm.
- MINIMUM SLUMP 80mm.
- SL82 MESH TO BE PROVIDED IN AREAS WHERE HIGH VEHICLE TRAFFIC IS EXPECTED (EG: CROSSING MITCHELLS LANE), AND IS TO BE SUPPORTED BY 60mm BAR CHARS. MESH TO OVERLAP BY 200mm.

DESIGN SPEED

OUTSIDE TOWN

- DESIGN SPEED = 60km/h
- POSTED SPEED = 50km/h

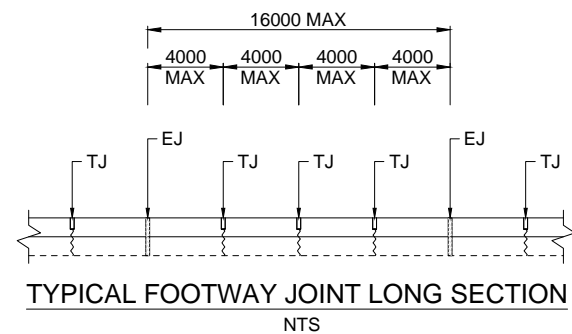
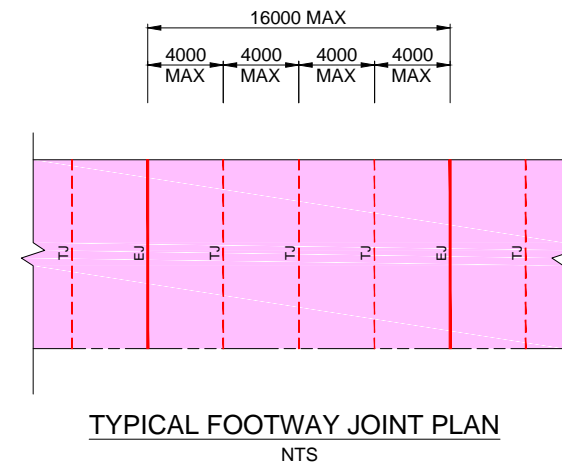
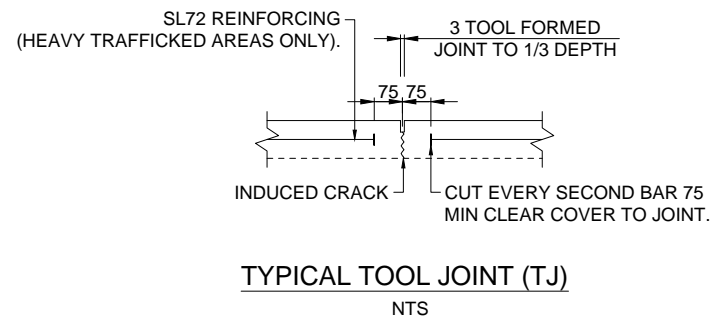
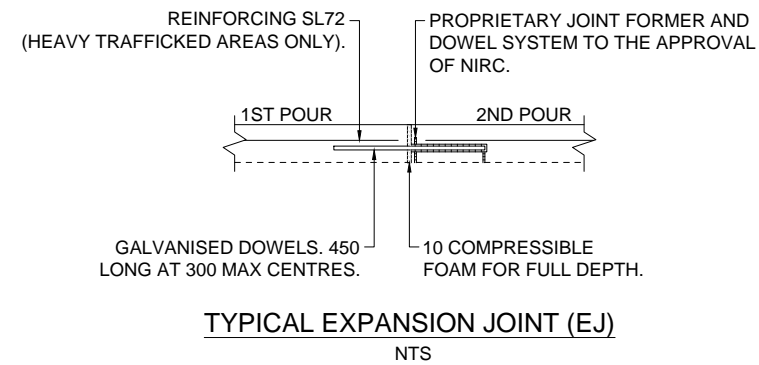
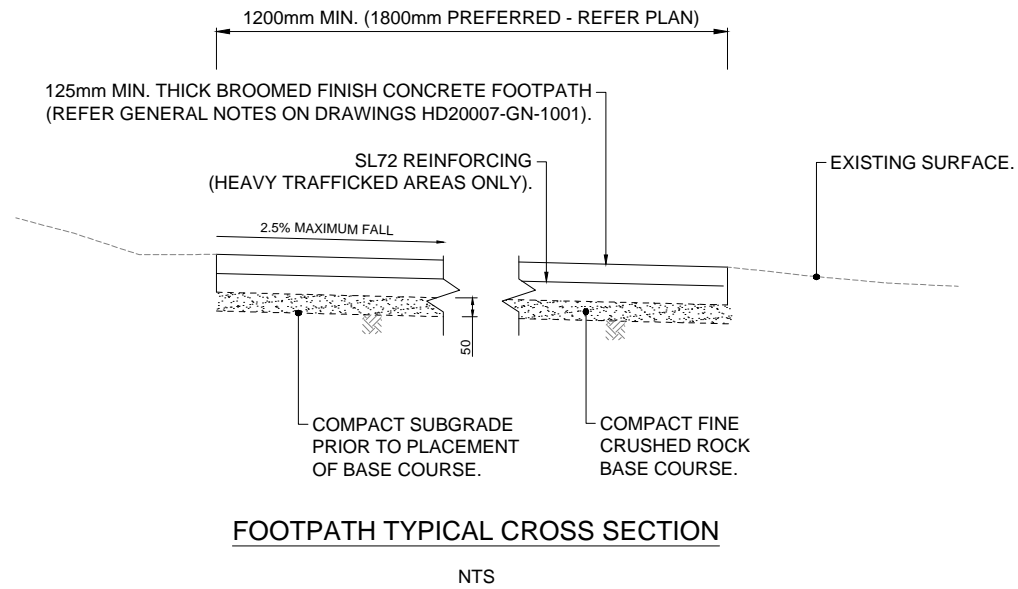
THROUGH TOWN

- DESIGN SPEED = 50km/h
- POSTED SPEED = 40km/h

ORIGINAL DRAWING IN COLOUR

NOT FOR CONSTRUCTION

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|-----|----------------------|----------|----------|----------|--|--|---|----------|--------------|----------|-------------|-----------------|--|
| - | - | - | - | - | | | NTS | Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL |
| - | - | - | - | - | | | | Check | - | Check | NIRC | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH |
| - | - | - | - | - | | | | Approved | - | | | Title | CONCEPT DESIGN |
| 1 | REVISED CONCEPT | CC | | 09.10.20 | | | | Date | - | | | Sheet | |
| 0 | DRAFT CONCEPT | CC | - | 08.10.20 | | | | | | | | | |
| No. | Revision Description | Initials | Approved | Date | | | Dimensions in metres unless otherwise noted | Scale | DO NOT SCALE | A1 | Drawing No: | HD20007-GN-1001 | Rev: 1 |



ORIGINAL DRAWING IN COLOUR

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| 1 | REVISED CONCEPT | CC | | 09.10.20 |
| 0 | DRAFT CONCEPT | CC | - | 08.10.20 |
| No. | Revision Description | Initials | Approved | Date |

Prepared by

HD
HAMMERHEAD DESIGN

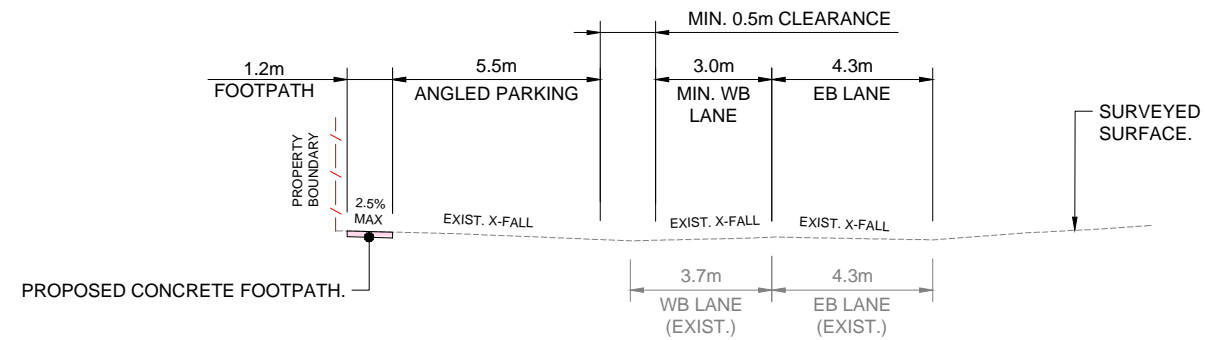
Client

NORFOLK ISLAND
REGIONAL COUNCIL

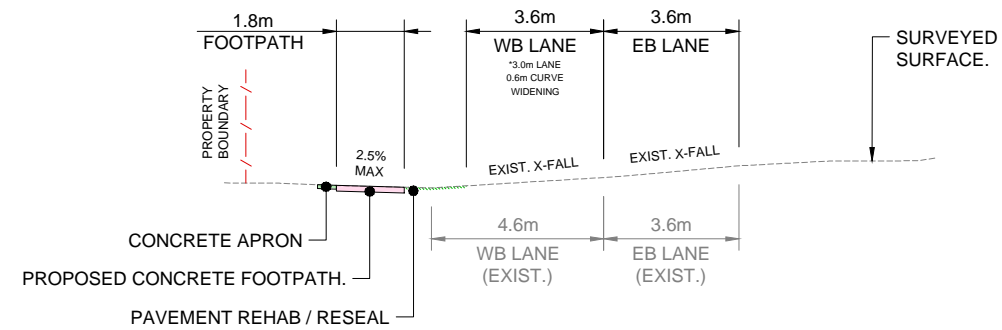
NTS

Dimensions in metres unless otherwise noted

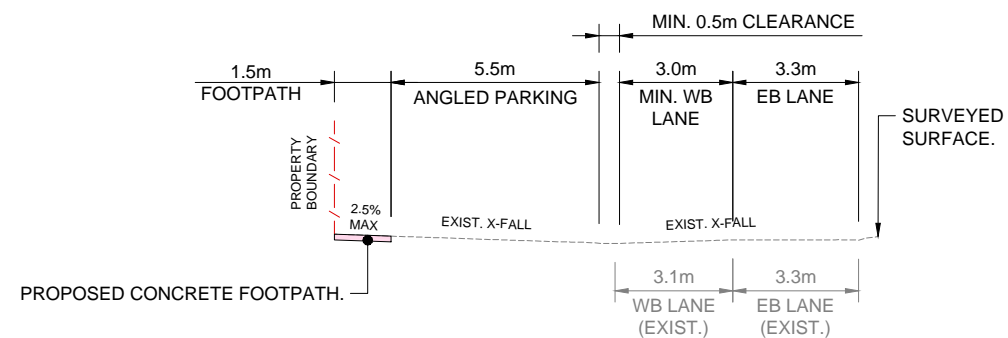
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| Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL |
| Check | - | Check | NIRC | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH |
| Approved | - | | | Title | CONCEPT DESIGN GENERAL DETAILS |
| Date | - | | | Sheet | A1 |
| Scale | | | | Drawing No: | HD20007-GD-1002 |
| | | | | Rev: | 1 |



SECTION 1
AS SHOWN 1104



SECTION 2
AS SHOWN 1104

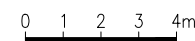
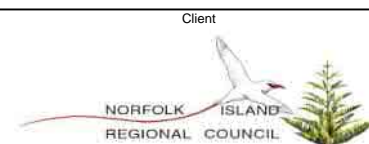


SECTION 3
AS SHOWN 1103

ORIGINAL DRAWING IN COLOUR

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| 1 | REVISED CONCEPT | CC | - | 09.10.20 |
| 0 | DRAFT CONCEPT | CC | - | 08.10.20 |
| No. | Revision Description | Initials | Approved | Date |



Dimensions in metres unless otherwise noted

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| Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL |
| Check | - | Check | NIRC | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH |
| Approved | - | | | Title | CONCEPT DESIGN TYPICAL CROSS SECTIONS |
| Date | - | | | Sheet | A1 |
| Scale | 1:100 (A1) 1:200 (A3) | | DO NOT SCALE | Drawing No: | HD20007-TS-1003 |
| | | | | Rev: | 1 |



NOTES:

1. REFER DRAWING HD20007-GN-1001 FOR LEGEND AND GENERAL NOTES.

NIRC AREA ENGINEER TO INSPECT AND DETERMINE WHETHER EXISTING SIGNS (SHOWN TO BE RELOCATED) ARE IN A SUITABLE CONDITION FOR RELOCATION.

NIRC AREA ENGINEER TO RELOCATE THE PROPOSED PEDESTRIAN SIGNAGE AS REQUIRED SO AS NOT TO NEGATIVELY EFFECT EXISTING SERVICES.

ORIGINAL DRAWING IN COLOUR

NOT FOR CONSTRUCTION

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|-----|----------------------|----------|--|------|---|-------|---------------|-----------------------|--------------|-----------|---------|--|-----------------|------|---|
| - | - | - | Prepared by | | Client | | Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL | | | |
| - | - | - |  | |  | | Check | - | Check | NIRC | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | | | |
| - | - | - | | | | | - | Approved | | - | Title | CONCEPT DESIGN | | | |
| 1 | REVISED CONCEPT | CC | | | | | - | - | 09.10.20 | Date | - | LAYOUT PLAN (1 OF 5) | | | |
| 0 | DRAFT CONCEPT | CC | - | - | 08.10.20 | Scale | | 1:250 (A1) 1:500 (A3) | Sheet | | A1 | Drawing No: | HD20007-DP-1101 | Rev: | 1 |
| No. | Revision Description | Initials | Approved | Date | Dimensions in metres unless otherwise noted | | 0 2 4 6 8 10m | | DO NOT SCALE | | | | | | |

1. REFER DRAWING HD20007-GN-1001 FOR LEGEND AND GENERAL NOTES.

NOT FOR CONSTRUCTION

| | | | |
|---------|--|-------------|-----------------|
| Client | NORFOLK ISLAND REGIONAL COUNCIL | | |
| Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | | |
| Title | CONCEPT DESIGN LAYOUT PLAN (2 OF 5) | | |
| Sheet | A1 | Drawing No: | HD20007-DP-1102 |
| | | | Rev: 1 |

1. REFER DRAWING HD20007-GN-1001 FOR LEGEND AND GENERAL NOTES.

NIRC AREA ENGINEER TO RELOCATE THE PROPOSED PEDESTRIAN SIGNAGE AS REQUIRED SO AS NOT TO NEGATIVELY EFFECT EXISTING SERVICES.

NOT FOR CONSTRUCTION

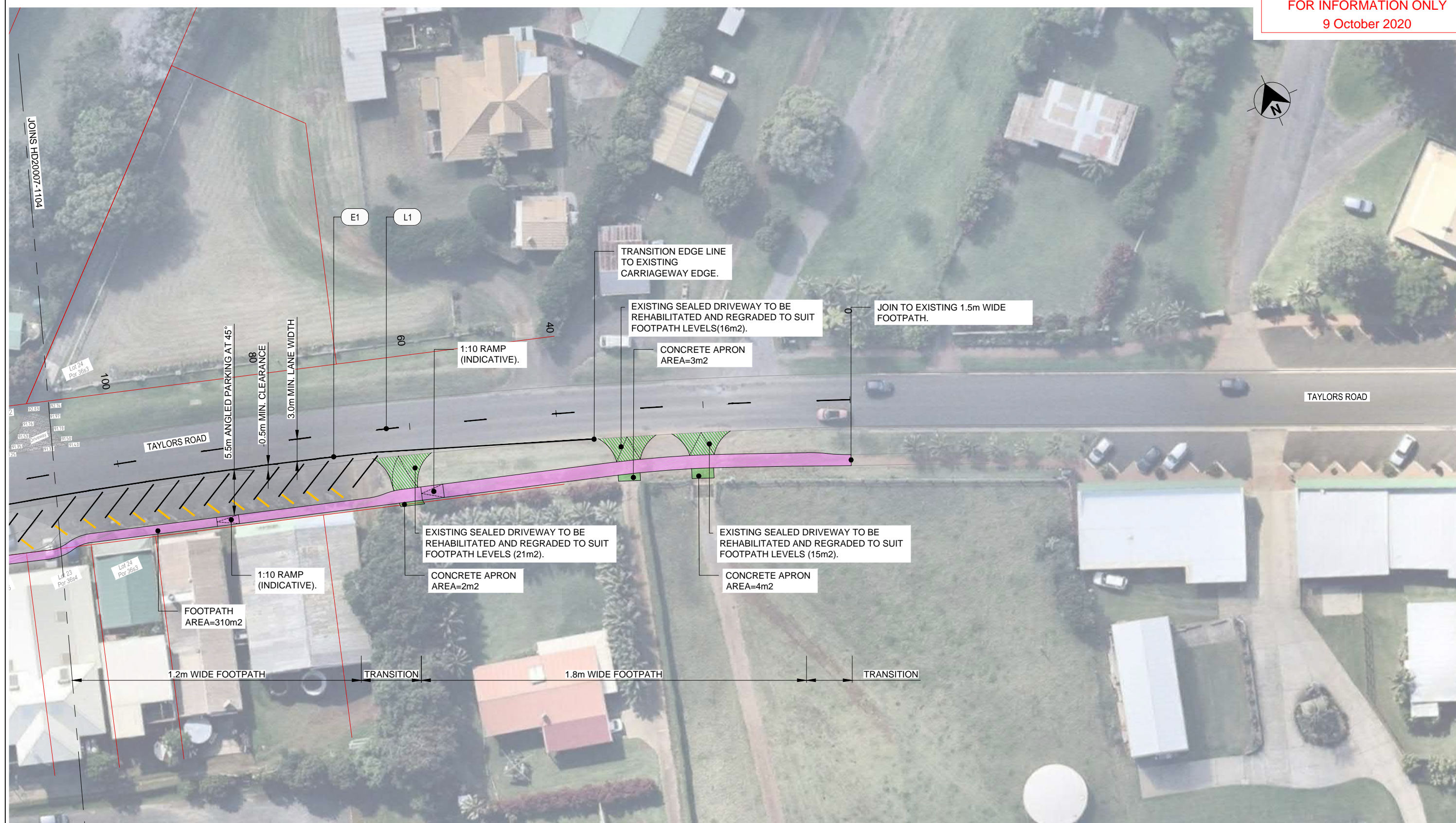
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|---------|--|-------------|-----------------|
| Client | NORFOLK ISLAND REGIONAL COUNCIL | | |
| Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | | |
| Title | CONCEPT DESIGN LAYOUT PLAN (3 OF 5) | | |
| Sheet | A1 | Drawing No: | HD20007-DP-1103 |
| | | | Rev: 1 |



- NIRC AREA ENGINEER TO RELOCATE THE PROPOSED PEDESTRIAN SIGNAGE AS REQUIRED SO AS NOT TO NEGATIVELY EFFECT EXISTING SERVICES.

NOT FOR CONSTRUCTION

| | | | |
|---------|--|-----------------------------|--------|
| Client | NORFOLK ISLAND REGIONAL COUNCIL | | |
| Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | | |
| Title | CONCEPT DESIGN LAYOUT PLAN (4 OF 5) | | |
| Sheet | A1 | Drawing No: HD20007-DP-1104 | Rev: 1 |



1. REFER DRAWING HD20007-GN-1001 FOR LEGEND AND GENERAL NOTES.

NIRC AREA ENGINEER TO RELOCATE THE PROPOSED PEDESTRIAN SIGNAGE AS REQUIRED SO AS NOT TO NEGATIVELY EFFECT EXISTING SERVICES.

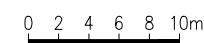
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| 1 | REVISED CONCEPT | CC | | 09.10.20 |
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| No. | Revision Description | Initials | Approved | Date |

Prepared by



Client



Dimensions in metres unless otherwise noted

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|---|-----------------------|--------------|-----------|----------------------|--|--|
| Drawn | C. CLOETE | Designer | C. CLOETE | Client | NORFOLK ISLAND REGIONAL COUNCIL | |
| Check | - | Check | NIRC | Project | NORFOLK ISLAND AIRPORT TO JUDDWAY - FOOTPATH | |
| <div>Approved</div> <div>-</div> <div>Date</div> <div>-</div> | | | | Title | CONCEPT DESIGN | |
| | | | | LAYOUT PLAN (5 OF 5) | | |
| Scale | 1:250 (A1) 1:500 (A3) | DO NOT SCALE | | Sheet | A1 | |
| | | | | Drawing No: | HD20007-DP-1105 | |
| | | | | Rev: | | |