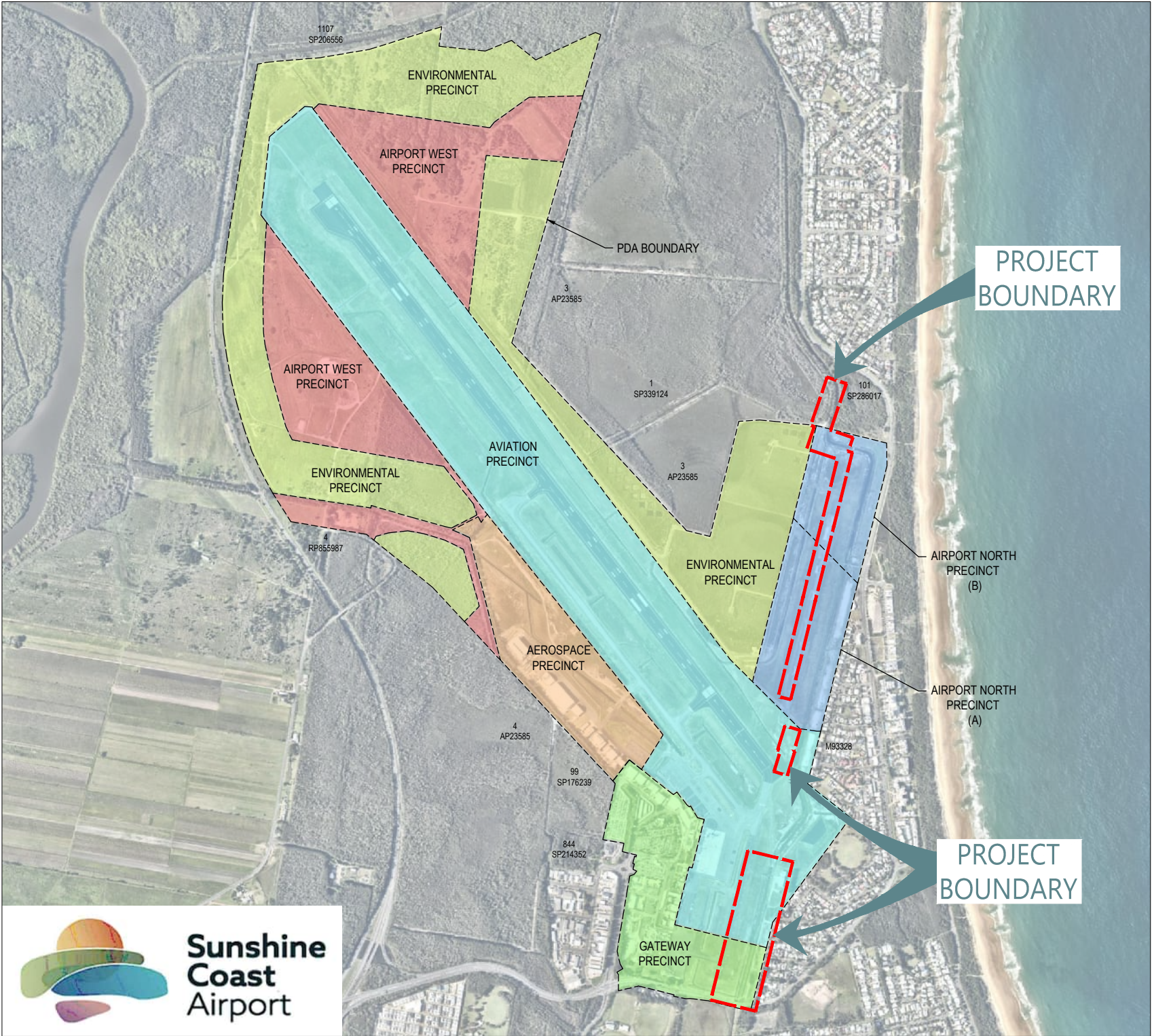


SUNSHINE COAST AIRPORT

GATEWAY PRECINCT FLOOD MITIGATION MEASURES - DETAILED DESIGN

LOCALITY PLAN AND SCHEDULE OF DRAWINGS



LOCALITY PLAN
SCALE: 1:10,000 (A1)
1:20,000 (A3)

DRAWING INDEX	
DWG NO.	DESCRIPTION
GENERAL	
1000	TITLE SHEET & LOCALITY PLAN
1001	PDA AND COUNCIL AREAS PLAN
1100	FLOOD MITIGATION SITE PLAN
1101	FLOOD MITIGATION ENGINEERING NOTES
1102	FLOOD MITIGATION TYPICAL DETAILS SHEET 1 OF 2
1103	FLOOD MITIGATION TYPICAL DETAILS SHEET 2 OF 2
EXISTING FEATURES	
1110	EXISTING FEATURES AND DEMOLITION PLAN SHEET 1 OF 5
1111	EXISTING FEATURES AND DEMOLITION PLAN SHEET 2 OF 5
1112	EXISTING FEATURES AND DEMOLITION PLAN SHEET 3 OF 5
1113	EXISTING FEATURES AND DEMOLITION PLAN SHEET 4 OF 5
1114	EXISTING FEATURES AND DEMOLITION PLAN SHEET 5 OF 5
RAISED WALL BUND	
1115	RAISED WALL BUND PLAN
1116	RAISED WALL BUND LONGITUDINAL SECTION
EARTHEN BUND	
1120	EARTHEN BUND PLAN SHEET 1 OF 5
1121	EARTHEN BUND PLAN SHEET 2 OF 5
1122	EARTHEN BUND PLAN SHEET 3 OF 5
1123	EARTHEN BUND PLAN SHEET 4 OF 5
1124	EARTHEN BUND PLAN SHEET 5 OF 5
1125	EARTHEN BUND LONGITUDINAL SECTION SHEET 1 OF 2
1126	EARTHEN BUND LONGITUDINAL SECTION SHEET 2 OF 2
1127	EARTHEN BUND CROSS SECTIONS SHEET 1 OF 2
1128	EARTHEN BUND CROSS SECTIONS SHEET 2 OF 2
1130	SOUTH EARTHEN BUND PLAN
1131	SOUTH EARTHEN BUND LONGITUDINAL AND CROSS SECTIONS
EASTERN PERIMETER DRAIN	
1140	EASTERN PERIMETER DRAIN LAYOUT PLAN
1141	EASTERN PERIMETER DRAIN LONGITUDINAL SECTION
1142	EASTERN PERIMETER DRAIN CROSS SECTIONS SHEET 1 OF 2
1143	EASTERN PERIMETER DRAIN CROSS SECTIONS SHEET 2 OF 2
ROAD 01 DETAILS	
1150	ROAD 01 DETAIL PLAN
1151	ROAD 01 LONGITUDINAL SECTION
BULK EARTHWORKS	
1200	BULK EARTHWORKS OVERALL PLAN
1201	BULK EARTHWORKS PLAN SHEET 1 OF 7
1202	BULK EARTHWORKS PLAN SHEET 2 OF 7
1203	BULK EARTHWORKS PLAN SHEET 3 OF 7
1204	BULK EARTHWORKS PLAN SHEET 4 OF 7
1205	BULK EARTHWORKS PLAN SHEET 5 OF 7
1206	BULK EARTHWORKS PLAN SHEET 6 OF 7
1207	BULK EARTHWORKS PLAN SHEET 7 OF 7
CONCEPTUAL EROSION AND SEDIMENT CONTROL	
1250	CONCEPTUAL EROSION AND SEDIMENT CONTROL OVERALL PLAN
1251	CONCEPTUAL EROSION AND SEDIMENT CONTROL SHEET 1 OF 4
1252	CONCEPTUAL EROSION AND SEDIMENT CONTROL SHEET 2 OF 4
1253	CONCEPTUAL EROSION AND SEDIMENT CONTROL SHEET 3 OF 4
1254	CONCEPTUAL EROSION AND SEDIMENT CONTROL SHEET 4 OF 4
1255	CONCEPTUAL EROSION AND SEDIMENT CONTROL TYPICAL NOTES
1256	CONCEPTUAL EROSION AND SEDIMENT CONTROL TYPICAL DETAILS
STRUCTURAL	
1300	MARCOOLA LEVEE WALL STRUCTURAL NOTES
1301	MARCOOLA LEVEE WALL STRUCTURAL DETAILS

SUNSHINE COAST CITY COUNCIL
PDA - DEV2025/1675

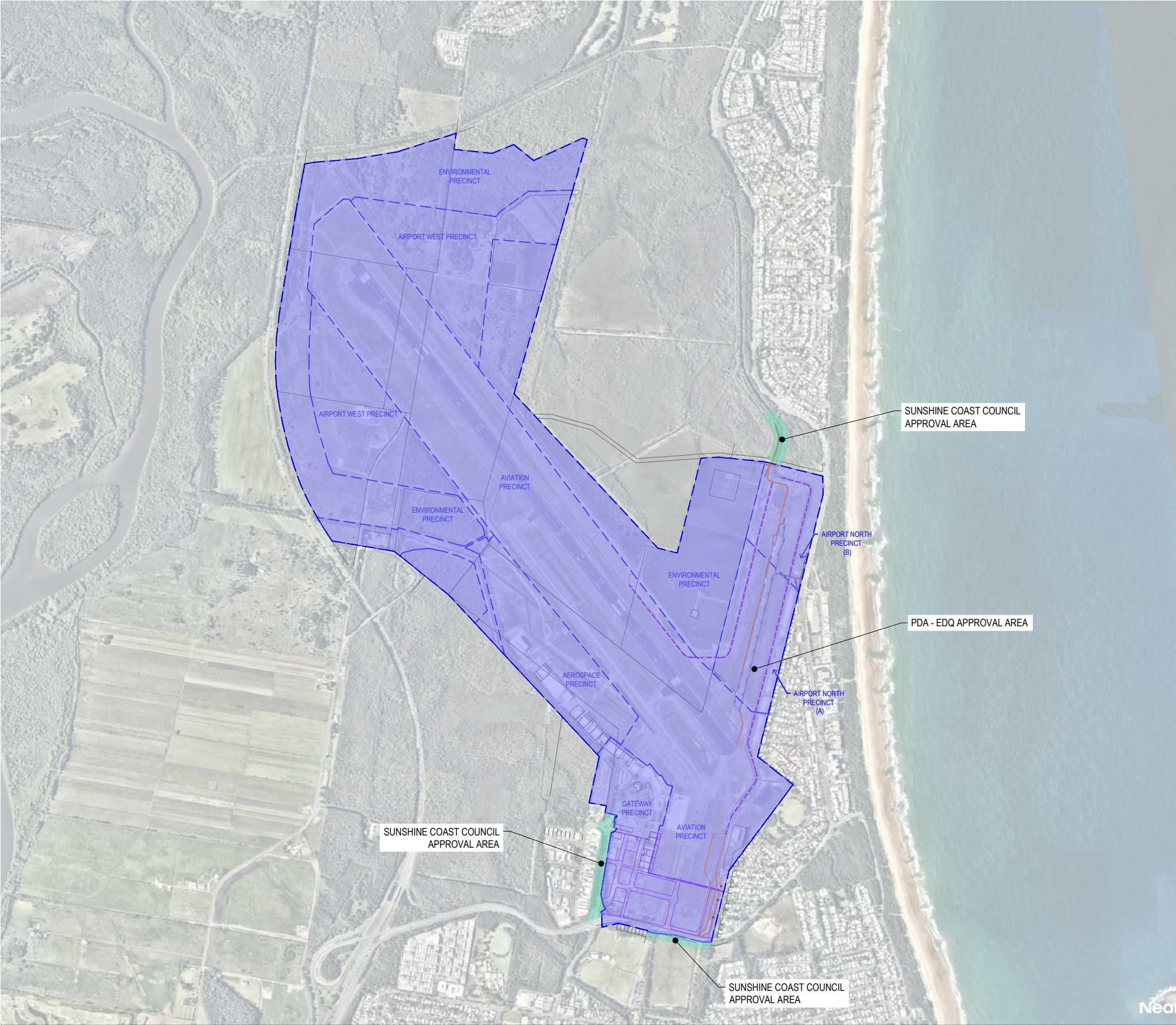
SURVEYOR
PROJECT URBAN
HORIZONTAL & VERTICAL DATUMS ARE 'SUNSHINE COAST AIRPORT' DATUM (BEING PLANE SCALED GDA94)
ABOUT PSM 88366 RL 5.283m
COORDINATE SYSTEM: GDA94 / MGA ZONE 56

CONSTRUCTION NOTE
THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:
- BMT FLOOD MITIGATION REPORT
- LANDSCAPE PLANS

CONSTRUCTION HOLD POINT
PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY LEVELS OF ALL EXISTING CROSSINGS AND CONNECTION POINTS.

NOT FOR CONSTRUCTION

IMAGINE. CREATE. ACHIEVE.
a sustainable future



LEGEND:

- PDA BOUNDARY
- EDQ APPROVAL AREA
- SUNSHINE COAST COUNCIL APPROVAL AREA

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
	CH	HSL	AA	RA	11.08.26		
	CH	HSL	AA	RA	11.08.26	ISSUED FOR APPROVAL	
AMENDMENTS							

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 11.08.26

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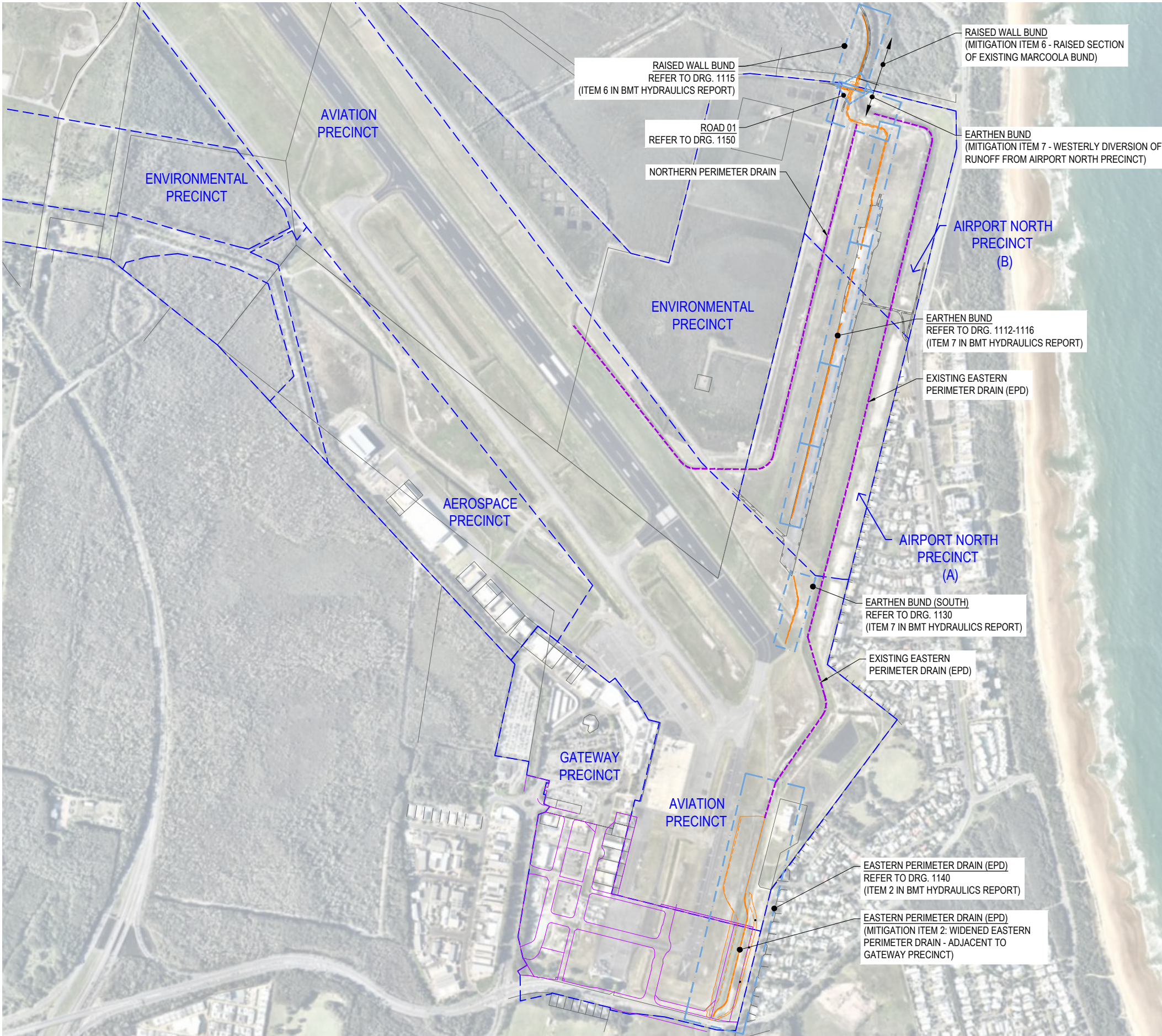
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PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
PDA AND COUNCIL AREAS PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1001	A

NOT FOR CONSTRUCTION



LEGEND:

- PROPOSED EARTHEN BUND & DRAIN WORKS
- PROPOSED RAISED WALL BUND WORKS
- PROPOSED EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- PDA PRECINCT BOUNDARY
- PROPOSED SITE BOUNDARY
- EXISTING CADASTRAL BOUNDARY (APPROX.)

GENERAL NOTES

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING:
- A) SCA GATEWAY PRECINCT MASTERPLAN - FLOOD IMPACT ASSESSMENT (BMT, V.1, 31/07/2025).
 - B) BMT HYDRAULICS REPORT (001291.003 VERSION 02, 11/11/2025). NOTING FLOOD MEASURES THAT THESE PLANS ARE CREATED FROM:
 - C) PDA APPROVAL - DEV2025/1675.
 - D) OPERATIONS AND MAINTENANCE MANUAL (MARCOOLA WALL BUND/LEEVE, INCL. AS CONST. DRAWINGS; SCC 30/08/2019).
- G2. UNLESS NOTED OTHERWISE:
- A) ALL DIMENSIONS ARE IN MILLIMETRES.
 - B) ALL CHAINAGES & RL's ARE SHOWN IN METRES (AHD)
 - C) ALL CO-ORDINATES ARE BASED ON MGA.
 - D) ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD)
- G3. NAMING CONVENTION:
- **WALL BUND:** EXISTING MARCOOLA BUND (BMT REPORTS) / LEEVEE (ORIGINAL DRAWINGS). CONSTRUCTED AS WALL.
 - **RAISED WALL BUND:** PROPOSED VERTICAL RAISING OF WALL BUND. CONSTRUCTED AS WALL.
 - **EARTHEN BUND:** PROPOSED LONGITUDINAL EXTENSION OF WALL BUND. CONSTRUCTED FROM GRANULAR MATERIALS.

GATEWAY PRECINCT PROPOSED FLOOD MITIGATION WORKS AS IN REFERENCE G1-A) FLOOD IMPACT ASSESSMENT

PDA ITEM No.	WORKS DESCRIPTION
2	WIDENED EASTERN PERIMETER DRAIN - ADJACENT TO GATEWAY PRECINCT WIDENED EXISTING DRAIN WITH A TOP WIDTH OF APPROXIMATELY 45m FOR A LENGTH OF 220m. DRAIN INVERT IS MATERIALLY UNCHANGED FROM EXISTING. A CROSS-SECTION OF THIS REVISED EARTHEN PERIMETER DRAIN AT THE GATEWAY PRECINCT IS INCLUDED IN DRG. 1142-1143
6	RAISED SECTION OF EXISTING MARCOOLA BUND RAISING OF THE EXISTING MARCOOLA BUND FOR A 200m LENGTH EXTENDING NORTH FROM THE AIRPORT'S NORTHERN BOUNDARY. THE EXISTING BUND CREST OF 3.13m AHD IS TO BE RAISED BY 0.67m TO PROVIDE A CREST LEVEL OF 3.8m AHM. THE WORKS ARE TEMPORARY AS THEY WILL BE EXTENDED AND PARTIALLY REPLACED BY S REALIGNED SECTION OF BUND (MITIGATION ITEM 5) DURING FUTURE PDA PRECINCT MASTERPLANNING.
7	WESTERLY DIVERSION OF RUNOFF FROM AIRPORT NORTH PRECINCT FOR THE PURPOSES OF THE GATEWAY PRECINCT ASSESSMENT THE WORKS REQUIRE THE CONSTRUCTION OF A LOW SET BUND OF AN APPROXIMATE 1km LENGTH AND WITH A MINIMUM CREST ELEVATION OF 3.8m AHD. THE BUND WILL EXTEND THROUGH THE AIRPORT NORTH PRECINCT AND JOIN WITH MITIGATION ITEM 6 FORMING A CONTINUOUS BARRIER TO LIMIT MAROOCHY FLOODWATER ENTERING THE EASTERN PERIMETER DRAIN. ANY RUNOFF COLLECTING BEHIND (WEST) OF THE BUND SHOULD BE DRAINED TO THE WEST.

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
					24.07.26	ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: Ryan Ashworth	DATE: 24.07.26

SCALE
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1:10000



PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
FLOOD MITIGATION SITE PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1100	B

EARTHWORKS NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING SERVICES WITH THE RELEVANT AUTHORITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL REMOVE ALL STRUCTURES, DEBRIS AND FENCES FROM THE SITE TO THE SATISFACTION OF THE SUPERINTENDENT.
3. EXISTING SURFACE IS TO BE CLEAR OF VEGETATION MATTER PRIOR TO THE START OF FILLING.
4. FILL IS TO BE OF GOOD QUALITY AND FREE OF UNSUITABLE MATERIAL AS DEFINED BY AS3798-2007.
5. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION. SIMILARLY, THE FINISHED SURFACE LEVELS MAY BE ADJUSTED BY THE WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION AFTER AMENDED DRAWINGS HAVE BEEN APPROVED BY COUNCIL.
6. ALL EXCAVATION AND FILLING SHALL BE CONSTRUCTED TO THE REQUIREMENTS OF AS3798-2007 AND IN ACCORDANCE WITH THE CURRENT COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS.
7. LEVEL 1 CERTIFICATION IS REQUIRED ON ALL EARTHWORKS IN ACCORDANCE WITH AS3798-2007. WITH SUPERVISION CERTIFICATION UNDERTAKEN BY AN **RPEQ GEOTECHNICAL ENGINEER**.
8. ALL DRAINAGE STRUCTURES ARE TO BE PRESERVED FROM THE EFFECTS OF STRUCTURAL LOADING GENERATED BY THE EARTHWORKS.
9. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
10. ALL LEVELS ARE IN METRES ABOVE AUSTRALIAN HEIGHTS DATUM (mAHD) UNLESS OTHERWISE SHOWN
11. CIVIL CONTRACTOR TO LEAVE VERGES **100mm BELOW FINISHED SURFACE LEVEL**. LANDSCAPE CONTRACTOR TO RESEED TOPSOIL AND STABILISE. REFER LANDSCAPE ARCHITECT'S PLANS FOR DETAILS.
12. CONTOURS SHOWN ARE DEVELOPED FINISHED SURFACE CONTOURS. CONTRACTOR IS TO ENSURE CUT OFF DRAINS ARE FREE DRAINING TO SEDIMENT BASINS. (IE. NO WATER PONDING)
13. DESIGN FINISH SURFACE LEVELS SHOWN ARE INCLUSIVE OF TOPSOIL LAYER WHERE APPLICABLE
14. **ALL EARTHWORKS TO BE CONSTRUCTED WITH REFERENCE TO THE BELOW DOCUMENTS:
TO BE CONFIRMED IN 'ISSUED FOR CONSTRUCTION' (IFC) DRAWINGS.**
15. THE CONTRACTOR SHALL UNDERTAKE ALL WORKS STRICTLY IN ACCORDANCE WITH THE REPORTS AND APPROVALS LISTED BELOW.
TO BE CONFIRMED IN 'ISSUED FOR CONSTRUCTION' (IFC) DRAWINGS.

EARTHWORKS LEVEL - DIGITAL DATA

ROADS, ALLOTMENTS AND EARTHWORKS LEVELS AND SETOUT WILL BE PROVIDED DIGITALLY AT TIME OF CONSTRUCTION VIA A 3D MODEL (12D ASCII OR EQUIVALENT)

ANY AREA DISTURBED OUTSIDE OF THE WORKS AREA SHOWN SHALL
BE REHABILITATED TO A MINIMUM OF THE PRE-CONSTRUCTION
CONDITIONS, AT THE CONTRACTORS EXPENSE.

CLEARING NOTES:

1. THE PERIMETER OF ALL AREAS TO BE CLEARED IS TO BE IDENTIFIED WITH ORANGE FLAGGING PRIOR TO COMMENCEMENT OF CLEARING WORKS.
2. THE EXTENT OF CLEARING IS TO BE INSPECTED BY THE SUPERINTENDENT AND LOCAL AUTHORITY IF REQUIRED UNDER THE CONDITION OF THE APPROVAL PRIOR TO COMMENCEMENT OF CLEARING WORKS.
3. ALL TREE PROTECTION FENCING IS TO BE INSTALLED AND INSPECTED IN ACCORDANCE WITH AS4970-2007 PRIOR TO COMMENCEMENT OF WORKS.
4. ANY NECESSARY PRE-CLEARING ACTIVITIES **SUCH AS TRAPPING AND CALL BACK SURVEYS** TO BE COMPLETED AND RELEVANT REPORTS ISSUED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY CLEARING
5. ALL CLEARING WORKS MUST BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH: **TO BE CONFIRMED IN 'ISSUED FOR CONSTRUCTION' (IFC) DRAWINGS.**
6. NOTWITHSTANDING THE REPORTS LISTED ABOVE, ALL CLEARING WORKS SHALL BE UNDERTAKEN UNDER THE SUPERVISION OF AN ARBORIST AND FAUNA SPOTTER CATCHER QUALIFIED IN THE NATURE OF CLEARING OPERATIONS
7. ALL CLEARED VEGETATION TO BE MULCHED ON SITE. MULCH RETAINED TO BE USED AS SEDIMENT CONTROL **IN DISTURBED AREAS OR REMOVED OFFSITE AT THE DIRECTION OF THE SUPERINTENDENT.**
8. EROSION & SEDIMENT CONTROL DESIGN AND SPECIFICATIONS ARE NOT INCLUDED IN THIS DOCUMENTATION. TO BE COMPLETED PRIOR TO CONSTRUCTION IF REQUIRED.

ACCESS TRACK NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
2. ALL LEVELS ARE IN METRES ABOVE AUSTRALIAN HEIGHTS DATUM (mAHD) UNLESS OTHERWISE SHOWN
3. CONTRACTOR TO LIAISE WITH ALL THE RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
4. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF DEMOLISHING ANY EXISTING STRUCTURES WITHIN THE SITE AREAS.
5. NOT WITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE CROSS SECTIONS, THE ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION AFTER AMENDED DRAWINGS HAVE BEEN APPROVED BY COUNCIL.
6. EARTHEN ACCESS TRACKS TO CONSIST OF COMPACTED SUITABLE MATERIALS - (EITHER SOILS OR GRAVELS)
7. GRAVEL ACCESS TRACKS TO CONSIST OF IMPORTED GRAVEL MATERIALS.
8. MATERIAL (GRAVELS OR SOIL) TO BE PLACED IN LAYERS NOT EXCEEDING 150mm (COMPACTED THICKNESS).
9. GRAVEL MATERIAL TO BE WELL-GRADED, FREE FROM ORGANIC MATTER, WITH A MAXIMUM PARTICLE SIZE OF 40mm, LOW PLASTICITY.
10. EACH LAYER TO BE COMPACTED TO A MINIMUM OF 95% STANDARD MAXIMUM DRY DENSITY.
11. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AUSTRROADS UNSEALED ROADS GUIDELINES (AP-1180/12) AND SUNSHINE COAST COUNCIL ENGINEERING STANDARDS WHERE APPLICABLE.
12. CONTRACTOR TO ENSURE ADEQUATE DRAINAGE TO PREVENT WATER PONDING AND SCOURING.

ALL SERVICES SHOWN ARE INDICATIVE.
CONTRACTOR TO CONFIRM LOCATIONS PRIOR
TO CONSTRUCTION.

CONSTRUCT CONCRETE DRIVEWAYS IN
ACCORDANCE WITH IPWEA STD DRG RS-050.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR
CONDUCT THEIR OWN INVESTIGATIONS AND
VERIFY THE LOCATION AND LEVEL OF ALL EXISTING
SERVICES PRIOR TO START OF CONSTRUCTION.

[illegible]

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE

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1:10000 A3

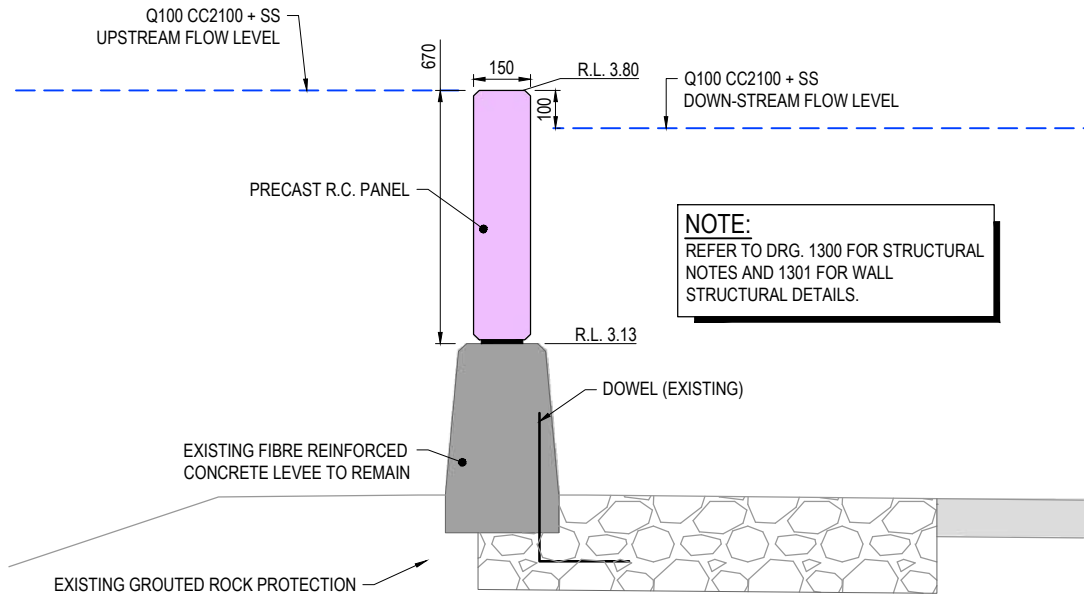


PROJECT

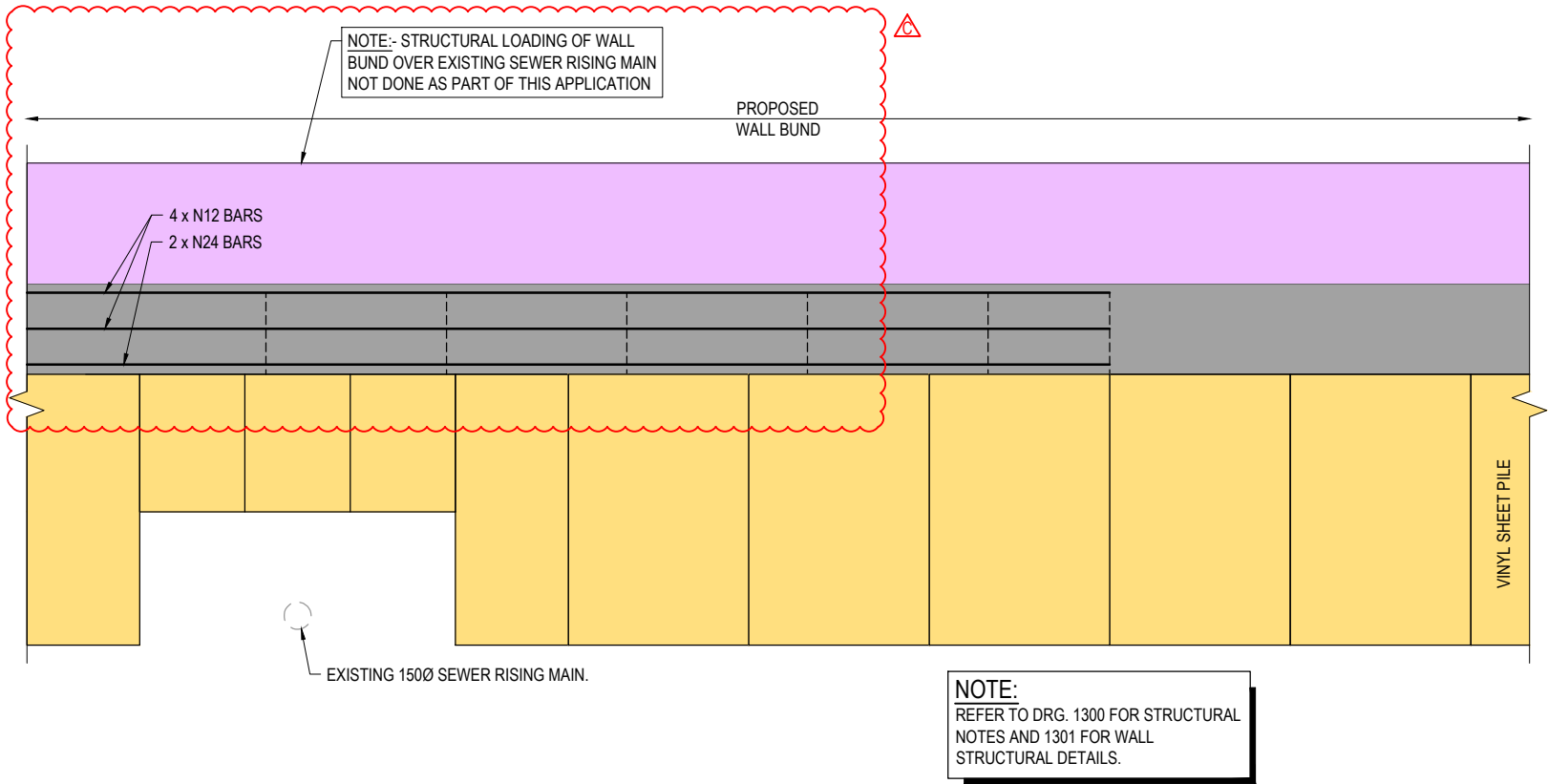
SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE		
FLOOD MITIGATION ENGINEERING NOTES		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1101	B

**NOT FOR
CONSTRUCTION**



PRECAST EXTENSION
RAISED WALL BUND - PRECAST WALL SEGMENT TYPICAL SECTION
SCALE 1:10 (A1)
1:20 (A3)



RAISED WALL BUND SEWER RISING MAIN
SECTION TYPICAL DETAIL
SCALE 1:20 (A1)
1:40 (A3)

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	AA	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
C	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL
					11.08.26	WALL BUND DETAIL REVISED

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 11.08.26

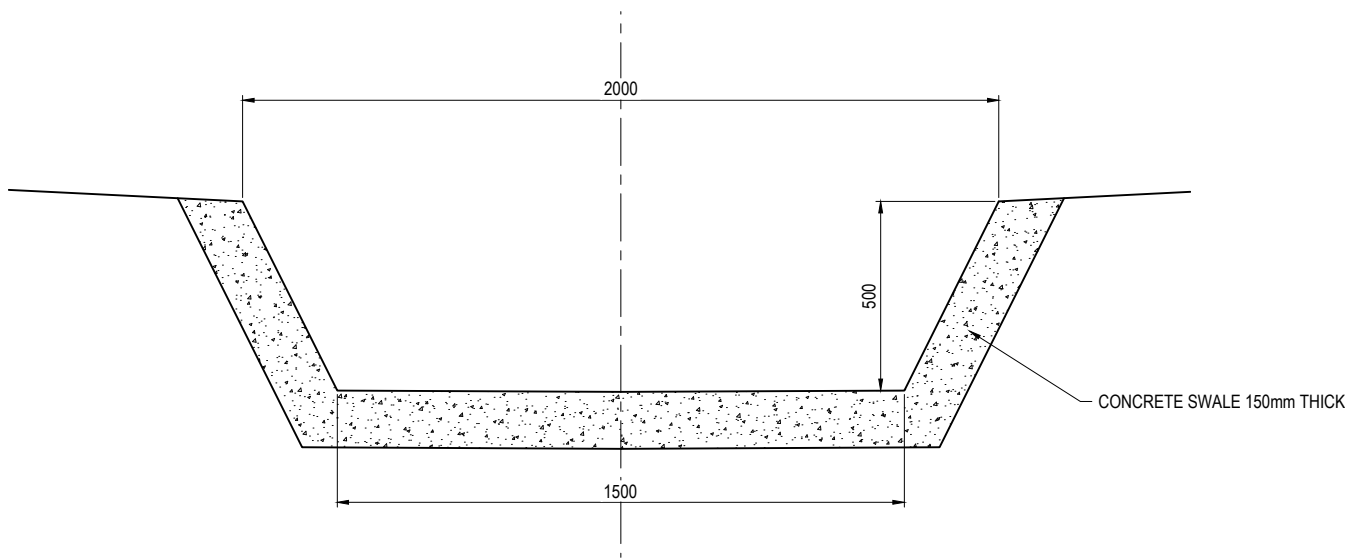
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CLIENT


PROJECT
SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

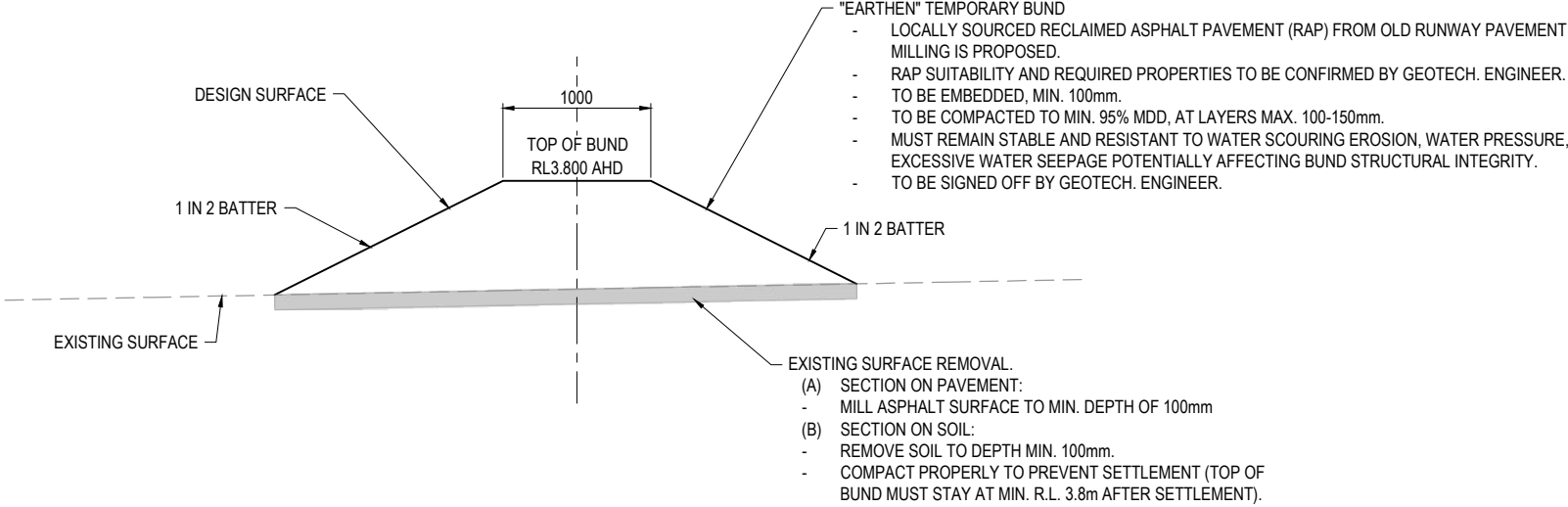
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FLOOD MITIGATION
TYPICAL DETAILS
SHEET 1 OF 2
PROJECT No. 25-1006729_FM 1102
DRAWING No. 1102
REVISION C



EASTERN PERIMETER DRAIN - CONCRETE CHANNEL - TYPICAL SECTION

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1:20 (A3)

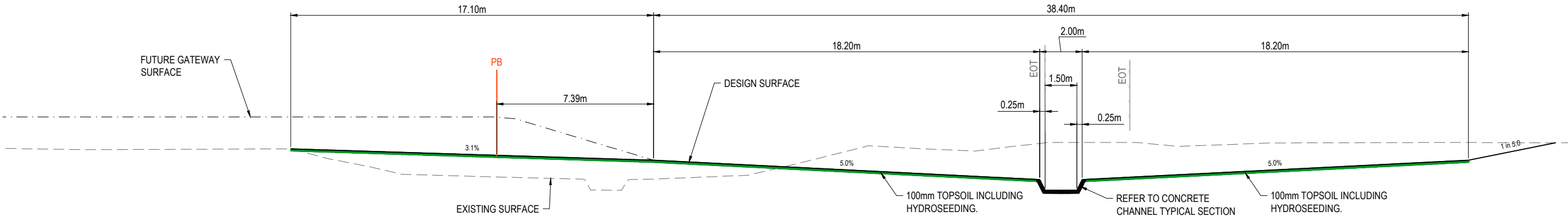
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LONGITUDINAL AND CROSS SECTIONS IN DRG. 1140-1141.



EARTHEN BUND TYPICAL SECTION

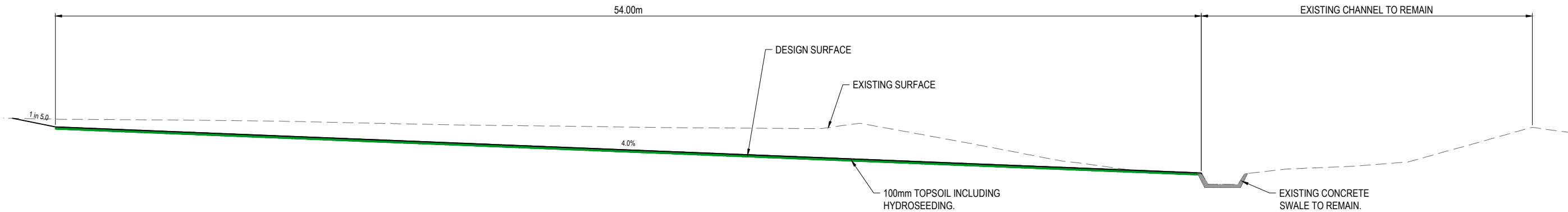
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NOTE:
REFER TO EARTHEN BUND LONGITUDINAL AND CROSS
SECTIONS IN DRG. 1117-1120.



EASTERN PERIMETER DRAIN - SYMMETRICAL SECTION - TYPICAL SECTION

SCALE 1:100 (A1)
1:200 (A3)



EASTERN PERIMETER DRAIN - ASYMMETRICAL SECTION - TYPICAL SECTION

SCALE 1:100 (A1)
1:200 (A3)

NOTE:
1. ALL DIMENSIONS ARE IN MILLIMETERS U.N.O.
2. CONTRACTOR TO MILL EXISTING RUNWAY AND USE MILLED MATERIAL TO CREATE BUND. GEOTECHNICAL ADVICE REQUIRED FOR MAXIMUM BATTER SLOPE, TO BE CONFIRMED PRIOR TO CONSTRUCTION.

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: Ryan Ashworth DATE: 24.07.26

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SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE
FLOOD MITIGATION TYPICAL DETAILS SHEET 2 OF 2
PROJECT No. 25-1006729_FM 1103
DRAWING No. 1103
REVISION B

LEGEND:

- PROPOSED EARTHWORKS BATTER
- PROPOSED EDGE OF PAVEMENT
- PROPOSED BUND CENTERLINE
- PROPOSED LEVEE WORKS
- DEMOLITION AREA
- EXISTING EARTHWORKS BATTER
- S

EXISTING SEWER LINE
- SWD

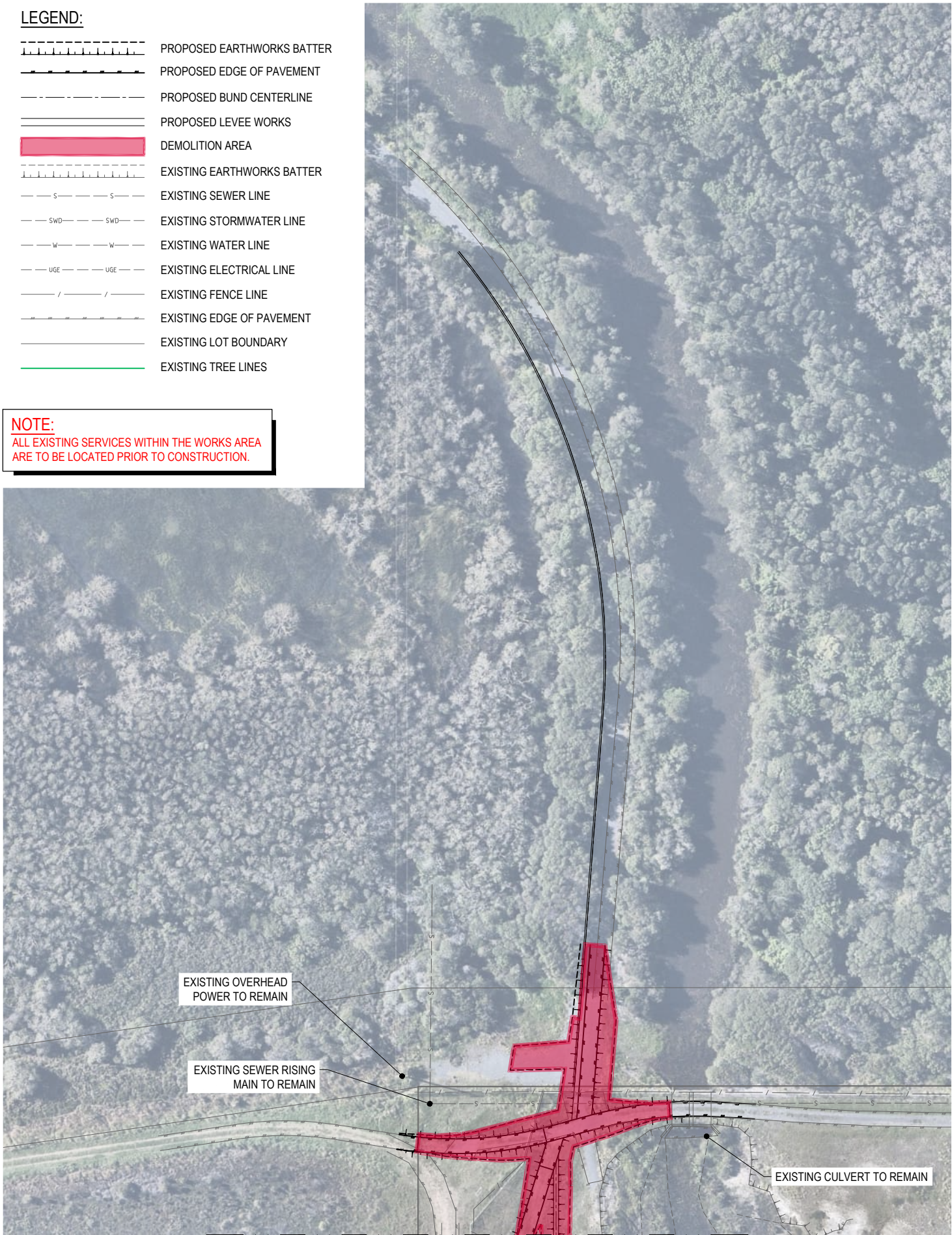
EXISTING STORMWATER LINE
- W

EXISTING WATER LINE
- UGE

EXISTING ELECTRICAL LINE
- /

EXISTING FENCE LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING LOT BOUNDARY
- EXISTING TREE LINES

NOTE:
ALL EXISTING SERVICES WITHIN THE WORKS AREA
ARE TO BE LOCATED PRIOR TO CONSTRUCTION.



FOR CONTINUATION, REFER TOP RIGHT



FOR CONTINUATION, REFER SHEET 2

**NOT FOR
CONSTRUCTION**

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
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	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

STATUS	
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APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

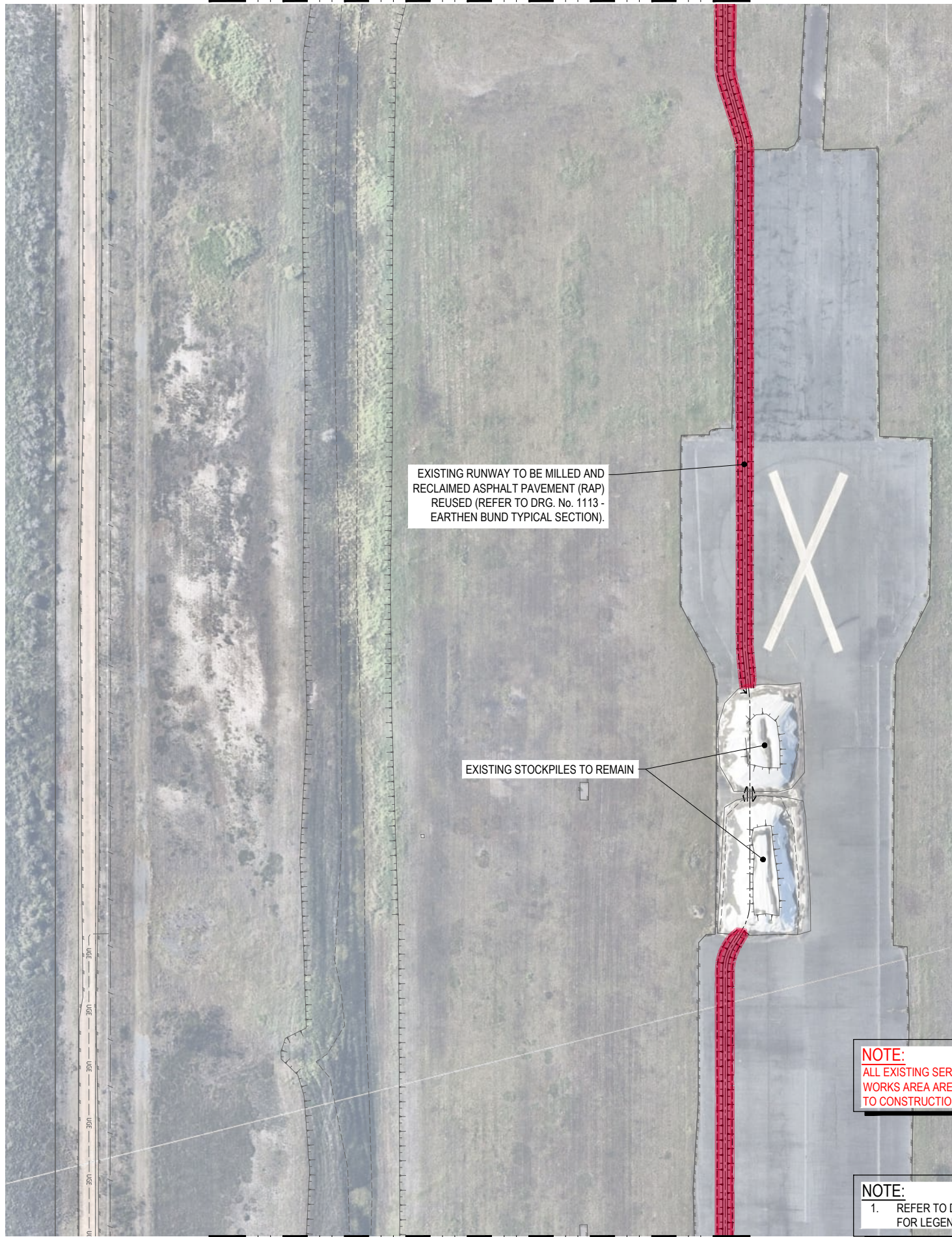
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CLIENT	PROJECT
SUNSHINE COAST AIRPORT	FLOOD MITIGATION

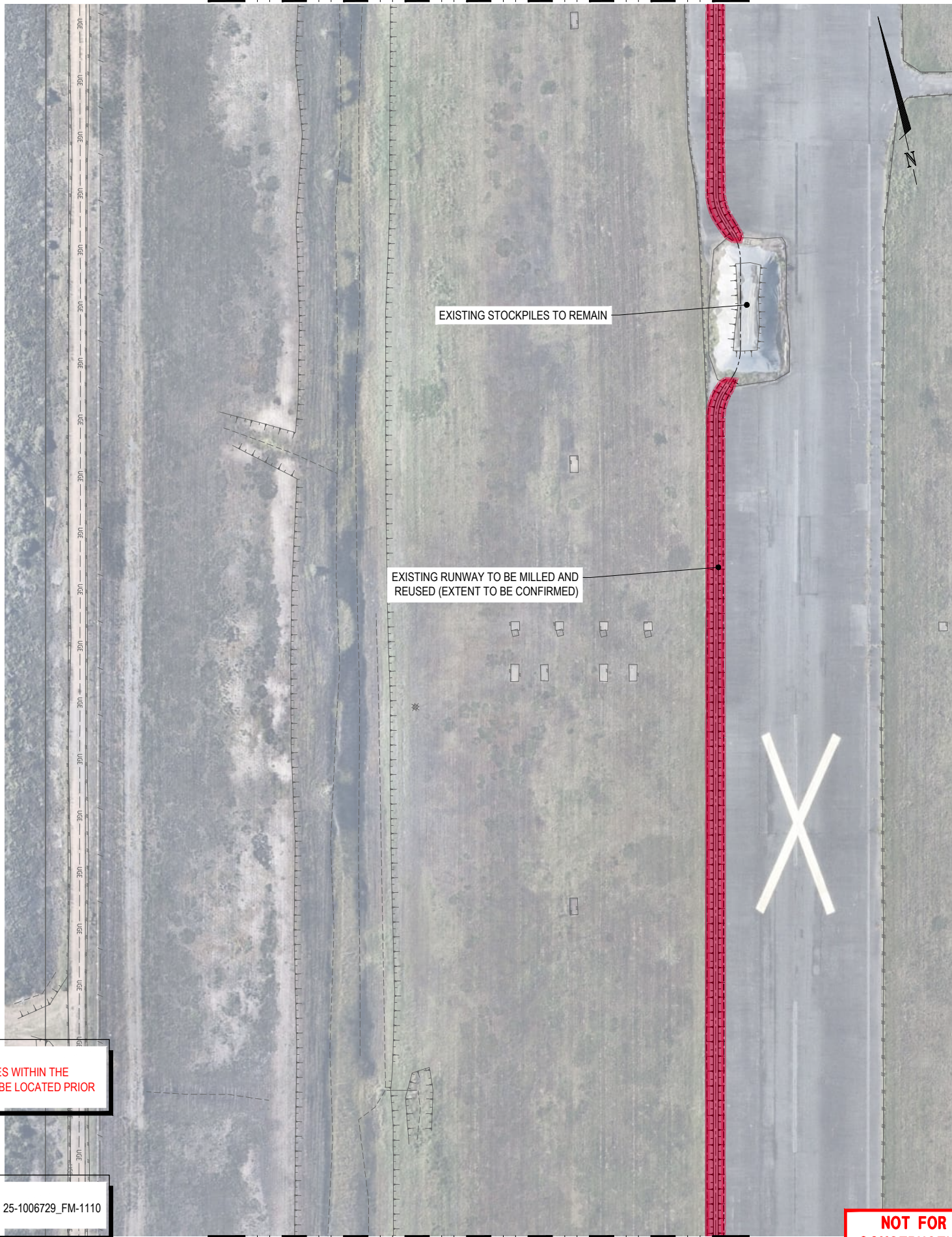
DRAWING TITLE		
EXISTING FEATURES AND DEMOLITION PLAN SHEET 1 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1110	B

FOR CONTINUATION, REFER SHEET 1



FOR CONTINUATION, REFER TOP RIGHT

FOR CONTINUATION, REFER BOTTOM LEFT



FOR CONTINUATION, REFER SHEET 3

**NOT FOR
CONSTRUCTION**

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
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A	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
B	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
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1:1000	10 5 0 10 20m A3



PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
EXISTING FEATURES AND DEMOLITION PLAN SHEET 2 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1111	B

FOR CONTINUATION, REFER SHEET 2



FOR CONTINUATION, REFER RIGHT ABOVE

FOR CONTINUATION, REFER BOTTOM LEFT



FOR CONTINUATION, REFER SHEET 4

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
	CH	HSL	AA	RA	14.04.26	
	CH	HSL	AA	RA	16.06.26	
	AA	HSL	AA	RA	24.07.26	
A						ISSUED FOR INFORMATION
B						ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
1:500	10 5 0 10 20m A1
1:1000	10 5 0 10 20m A3



SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE		
EXISTING FEATURES AND DEMOLITION PLAN SHEET 3 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1112	B



INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	ISSUED FOR INFORMATION
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR APPROVAL

STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26

SCALE
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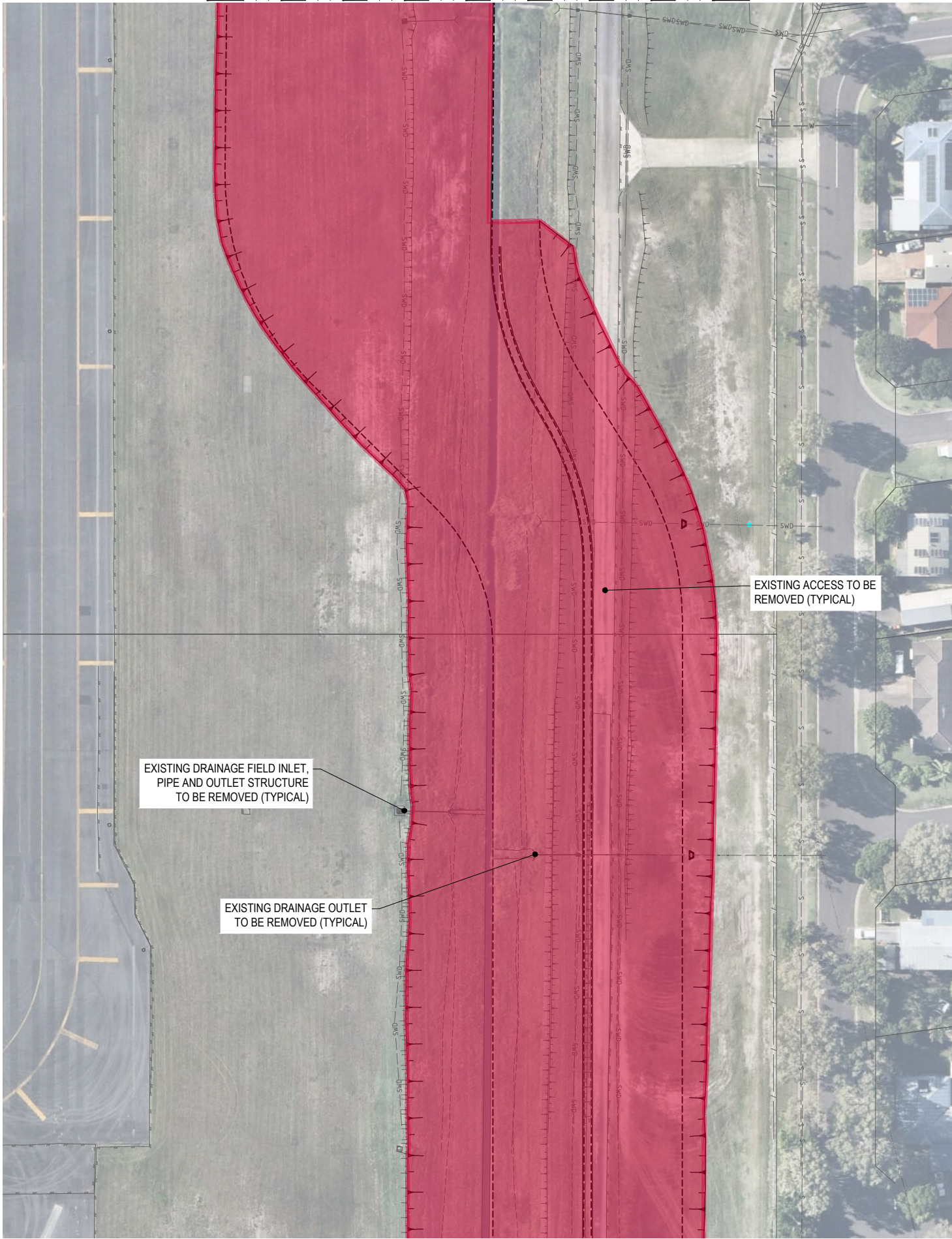
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CLIENT 

PROJECT
SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

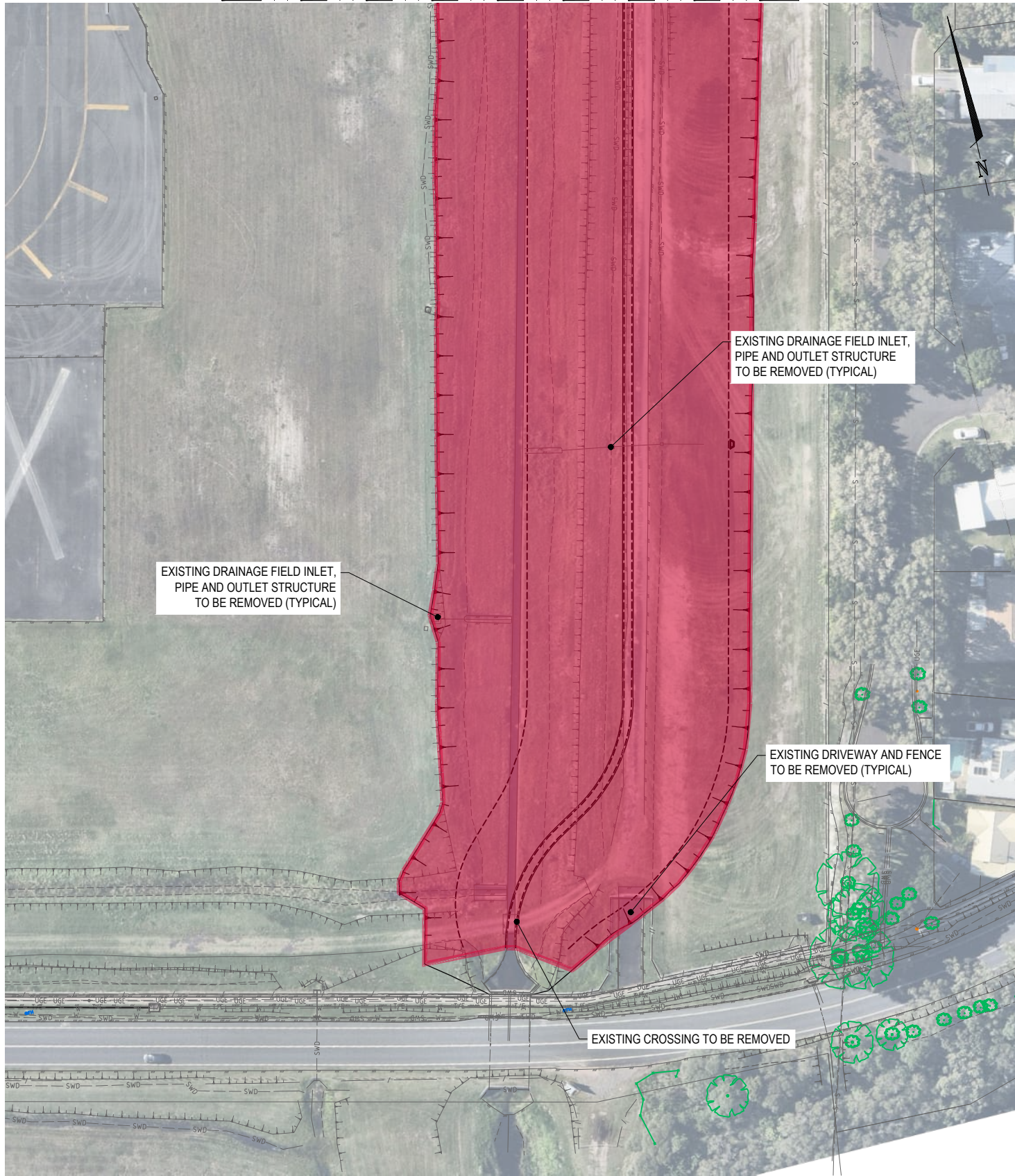
DRAWING TITLE
EXISTING FEATURES AND
DEMOLITION PLAN
SHEET 4 OF 5
PROJECT No. 25-1006729_FM 1113
DRAWING No. 1113
REVISION B

FOR CONTINUATION, REFER SHEET 4



FOR CONTINUATION, REFER TOP RIGHT

FOR CONTINUATION, REFER BOTTOM LEFT



NOTE:
ALL EXISTING SERVICES WITHIN THE WORKS AREA ARE TO BE LOCATED PRIOR TO CONSTRUCTION.

NOTE:
1. REFER TO DRG. 25-1006729_FM-1110 FOR LEGEND.

NOT FOR CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
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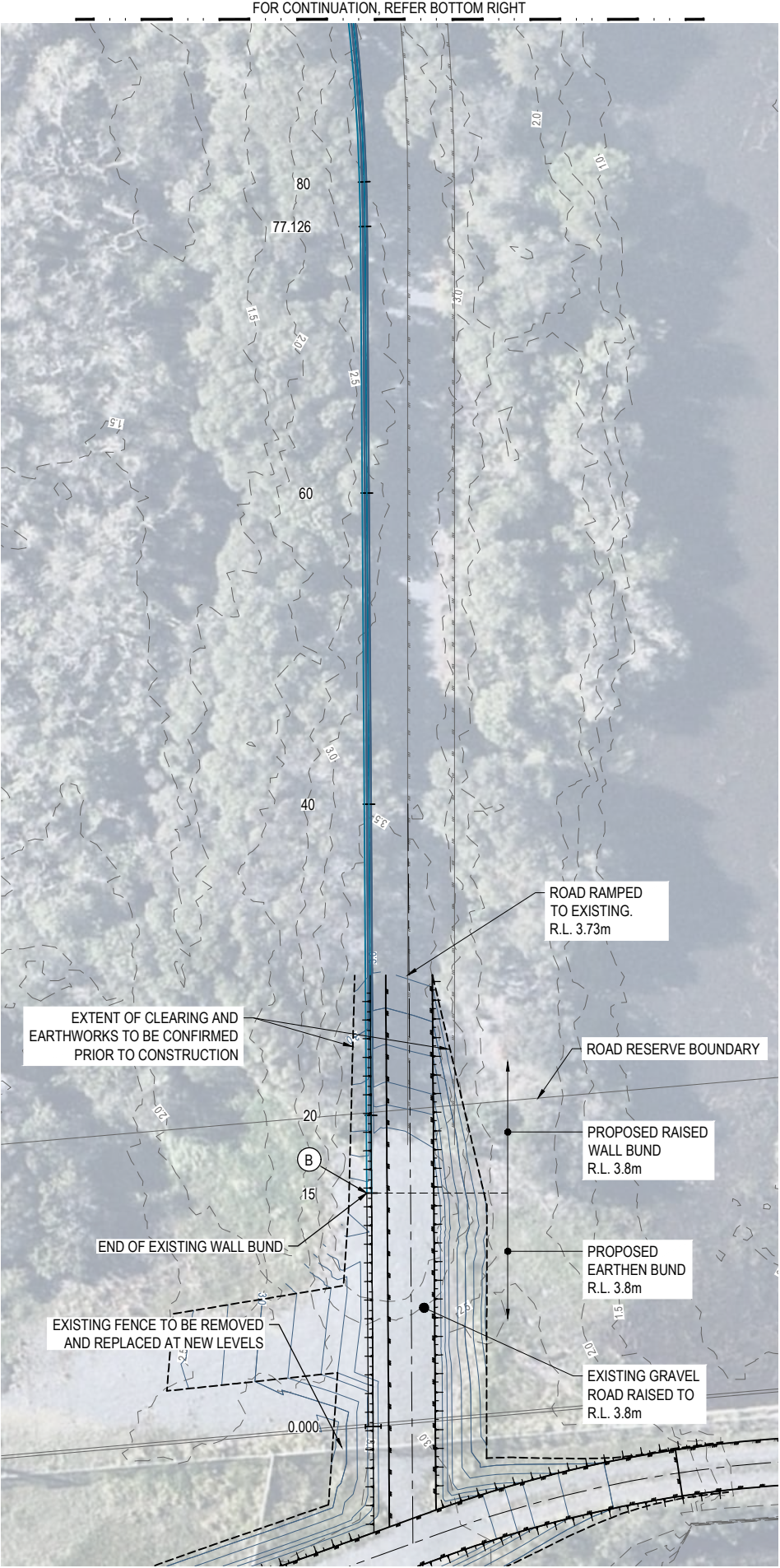
STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26

SCALE
1:250 5 0 5 10m A1
1:500



CLIENT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION
DRAWING TITLE
EXISTING FEATURES AND DEMOLITION PLAN SHEET 5 OF 5
PROJECT No. 25-1006729_FM 1114
DRAWING No. 1114
REVISION B



LEGEND:

- PROPOSED RAISED WALL BUND WORKS
- PROPOSED EARTHWORKS BATTER
- PROPOSED EDGE OF PAVEMENT
- ROAD CENTERLINE
- EXISTING EDGE OF PAVEMENT
- EXISTING LOT BOUNDARY
- EXISTING CONTOURS

- NOTE:**
- REFER TO DRG. 1101-1102 FOR TYPICAL DETAILS.
 - REFER TO DRG. 1300-1301 FOR WALL STRUCTURAL NOTES AND DETAILS.
 - EXISTING BUND WALL AND AREA NORTH OF THE AIRPORT NOT SURVEYED (LIDAR ONLY). ALIGNMENT OF EXISTING WALL BUND TAKEN FROM AERIAL.

**NOT FOR
CONSTRUCTION**

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
B	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL
C	AA	HSL	AA	RA	11.08.26	WALL BUND EXTENDED

STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: <i>Ryan Ashworth</i> DATE: 11.08.26

SCALE
1:200 2 0 2 4 6 8 10m A1
1:400 2 0 2 4 6 8 10m A3


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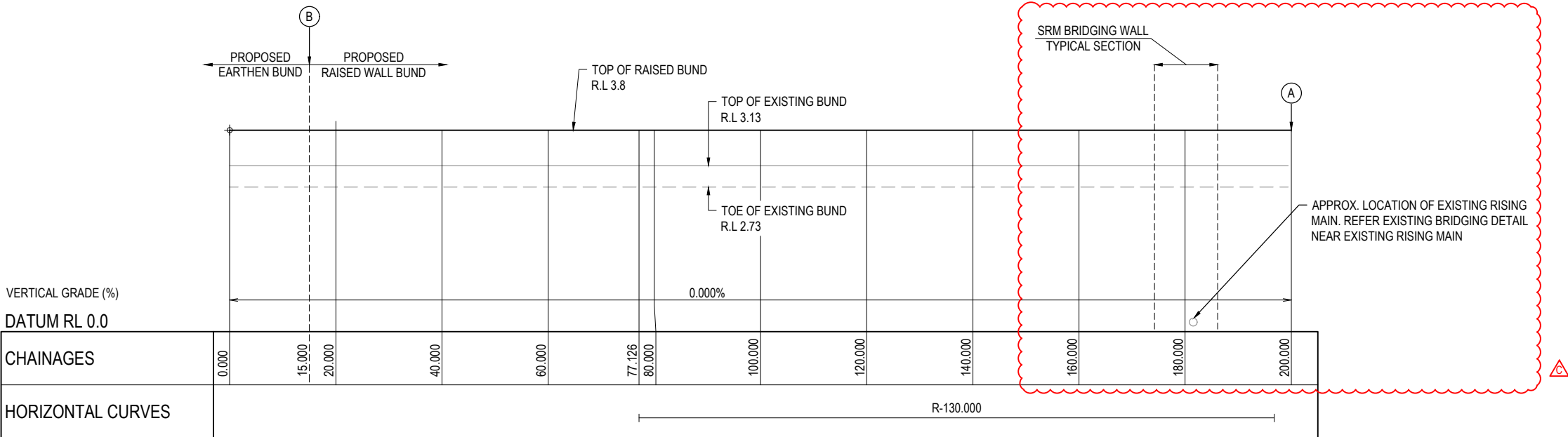


**SUNSHINE COAST
AIRPORT
FLOOD MITIGATION**

DRAWING TITLE		
RAISED WALL BUND PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1115	C

NOTE:

- 1. REFER TO DRG. 1101-1102 FOR RAISED WALL BUND TYPICAL DETAILS.
- 2. REFER TO DRG. 1300-1301 FOR WALL STRUCTURAL NOTES AND DETAILS.
- 3. PLEASE NOTE THERE IS NO SURVEY OF THE EXISTING BUND WALL AND AREA NORTH OF THE AIRPORT (LIDAR ONLY). ALIGNMENT OF EXISTING WALL BUND TAKEN FROM AERIAL.



LONGITUDINAL SECTION - RAISED WALL BUND

HORIZ SCALE: 500
VERTICAL SCALE: 50

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	AA	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
C	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL
	AA	HSL	AA	RA	11.08.26	WALL BUND EXTENDED

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 11.08.26

SCALE	
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1:1000	10 5 0 10 20m A3
HORIZONTAL	
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VERTICAL	



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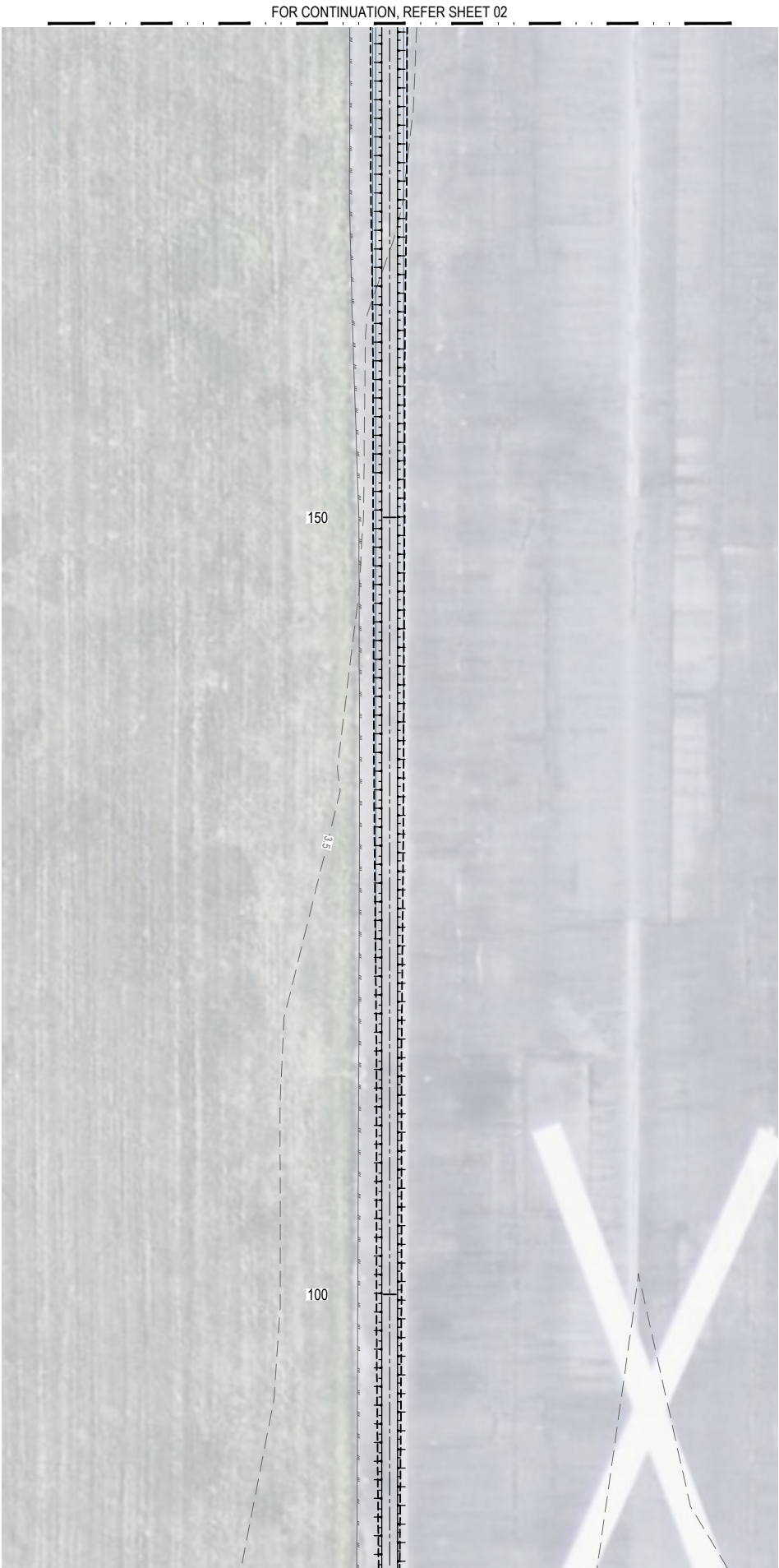
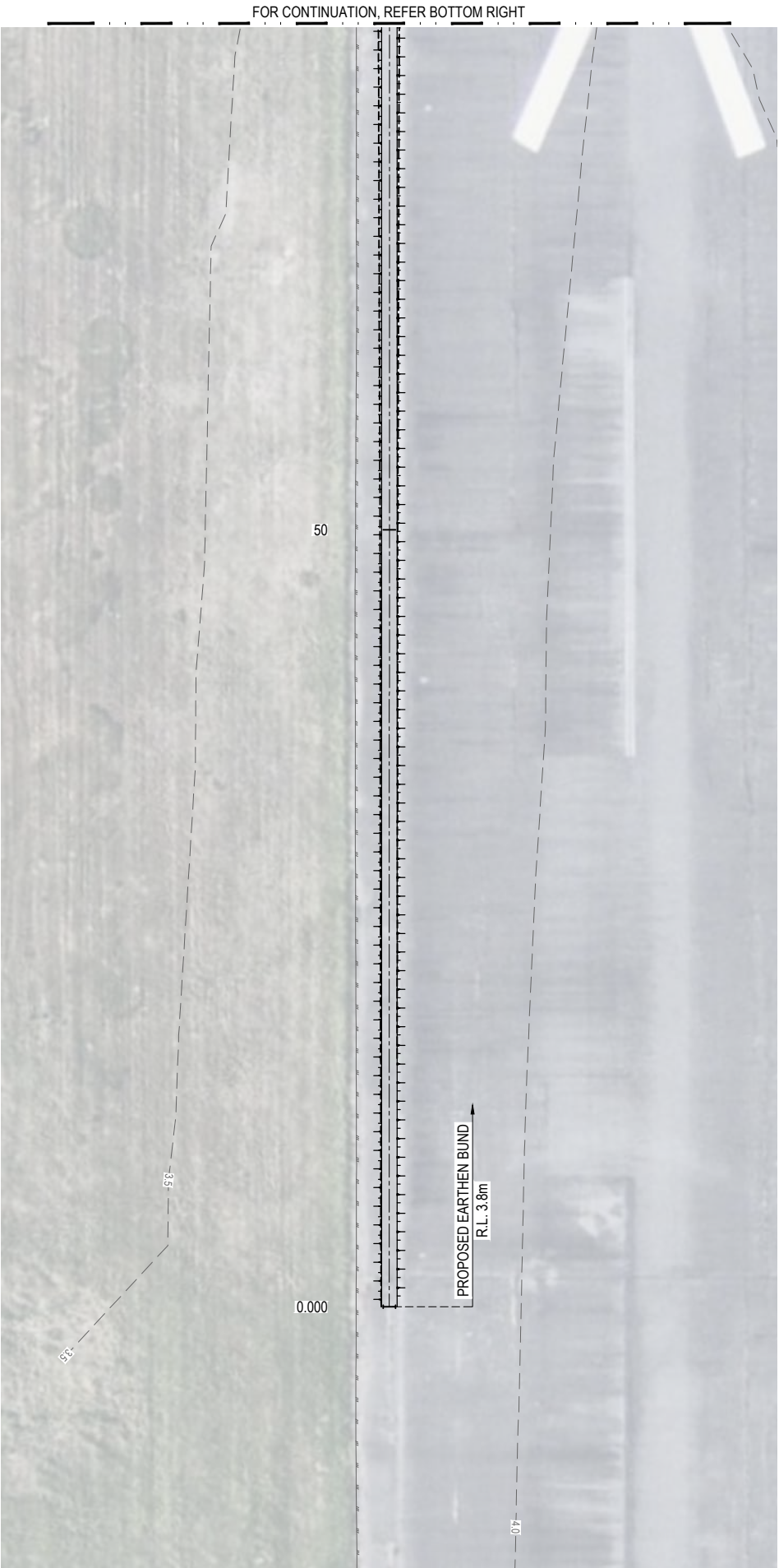


Sunshine Coast Airport

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

RAISED WALL BUND
LONGITUDINAL SECTION

PROJECT No. 25-1006729_FM
DRAWING No. 1116
REVISION C



- LEGEND:
- PROPOSED EARTHWORKS BATTER
 - PROPOSED DESIGN CONTOURS (0.2m)
 - PROPOSED EARTHEN BUND CENTERLINE
 - PROPOSED EDGE OF PAVEMENT
 - ROAD CENTERLINE
 - PROPOSED DRAIN 01 CENTERLINE
 - EXISTING EDGE OF PAVEMENT
 - EXISTING LOT BOUNDARY
 - EXISTING CONTOURS (0.5m)

NOTE:
1. REFER TO DRG. 1101-1103 FOR TYPICAL DETAILS.

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
A	CH	HSL	AA	RA	14.04.26		
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION	
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL	

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
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1:400	2 0 2 4 6 8 10m A3



PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
EARTHEN BUND PLAN SHEET 1 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1120	B

NOT FOR
CONSTRUCTION



NOTE:
1. REFER TO DRG. 1120 FOR LEGEND.
2. REFER TO DRG. 1101-1103 FOR TYPICAL DETAILS.

NOT FOR CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
	CH	HSL	AA	RA	14.04.26	
	CH	HSL	AA	RA	16.06.26	
	AA	HSL	AA	RA	24.07.26	
A						ISSUED FOR INFORMATION
B						ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
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1:400	2 0 2 4 6 8 10m A3



CLIENT	PROJECT
SUNSHINE COAST AIRPORT	FLOOD MITIGATION

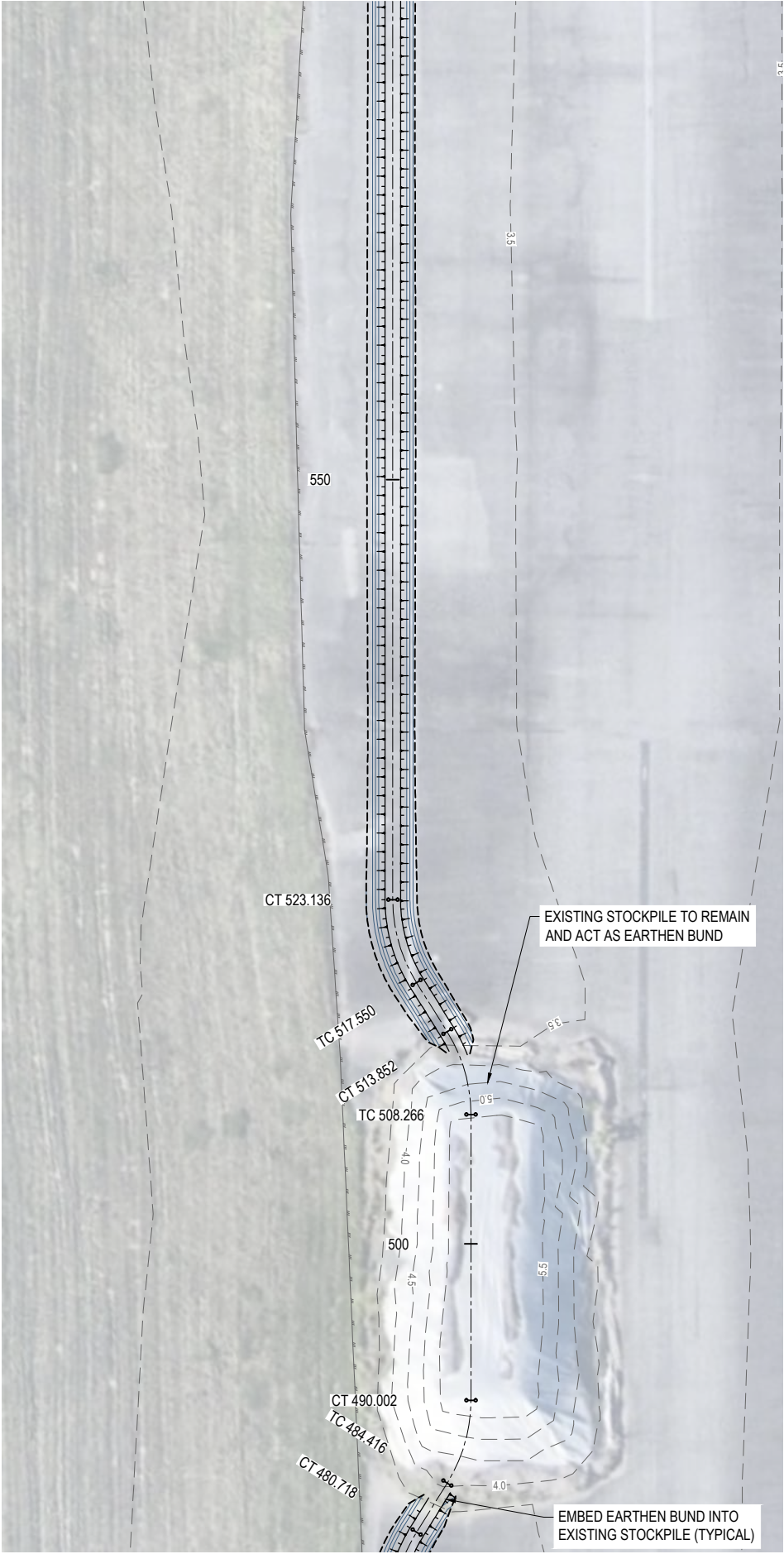
DRAWING TITLE		
EARTHEN BUND PLAN SHEET 2 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1121	B

FOR CONTINUATION, REFER BOTTOM RIGHT



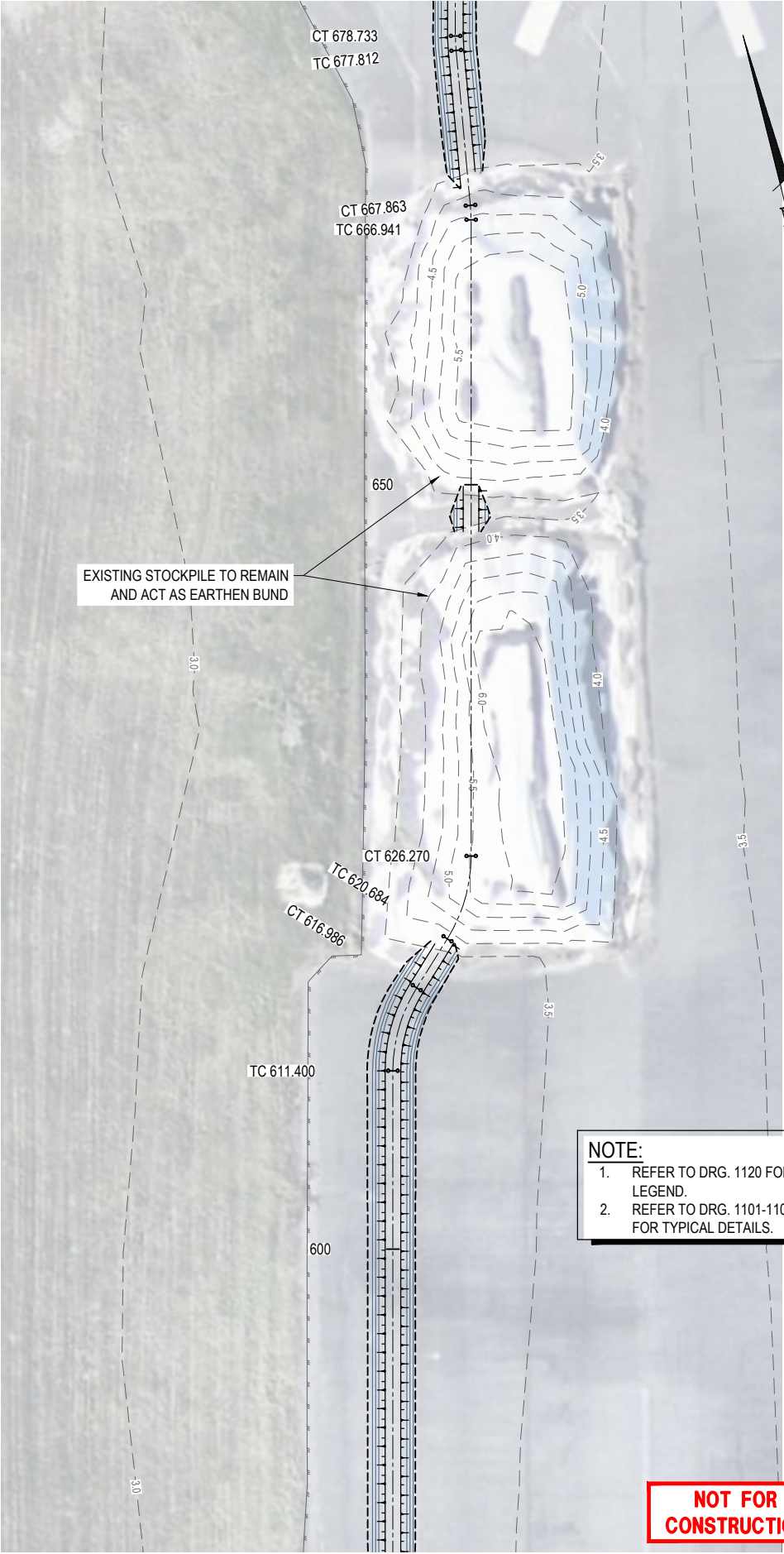
FOR CONTINUATION, REFER SHEET 02

FOR CONTINUATION, REFER BOTTOM RIGHT



FOR CONTINUATION, REFER TOP LEFT

FOR CONTINUATION, REFER SHEET 04



FOR CONTINUATION, REFER TOP LEFT

EXISTING STOCKPILE TO REMAIN
AND ACT AS EARTHEN BUND

EXISTING STOCKPILE TO REMAIN
AND ACT AS EARTHEN BUND

EMBED EARTHEN BUND INTO
EXISTING STOCKPILE (TYPICAL)

NOTE:
1. REFER TO DRG. 1120 FOR
LEGEND.
2. REFER TO DRG. 1101-1103
FOR TYPICAL DETAILS.

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
	B	AA	HSL	AA	24.07.26	ISSUED FOR APPROVAL

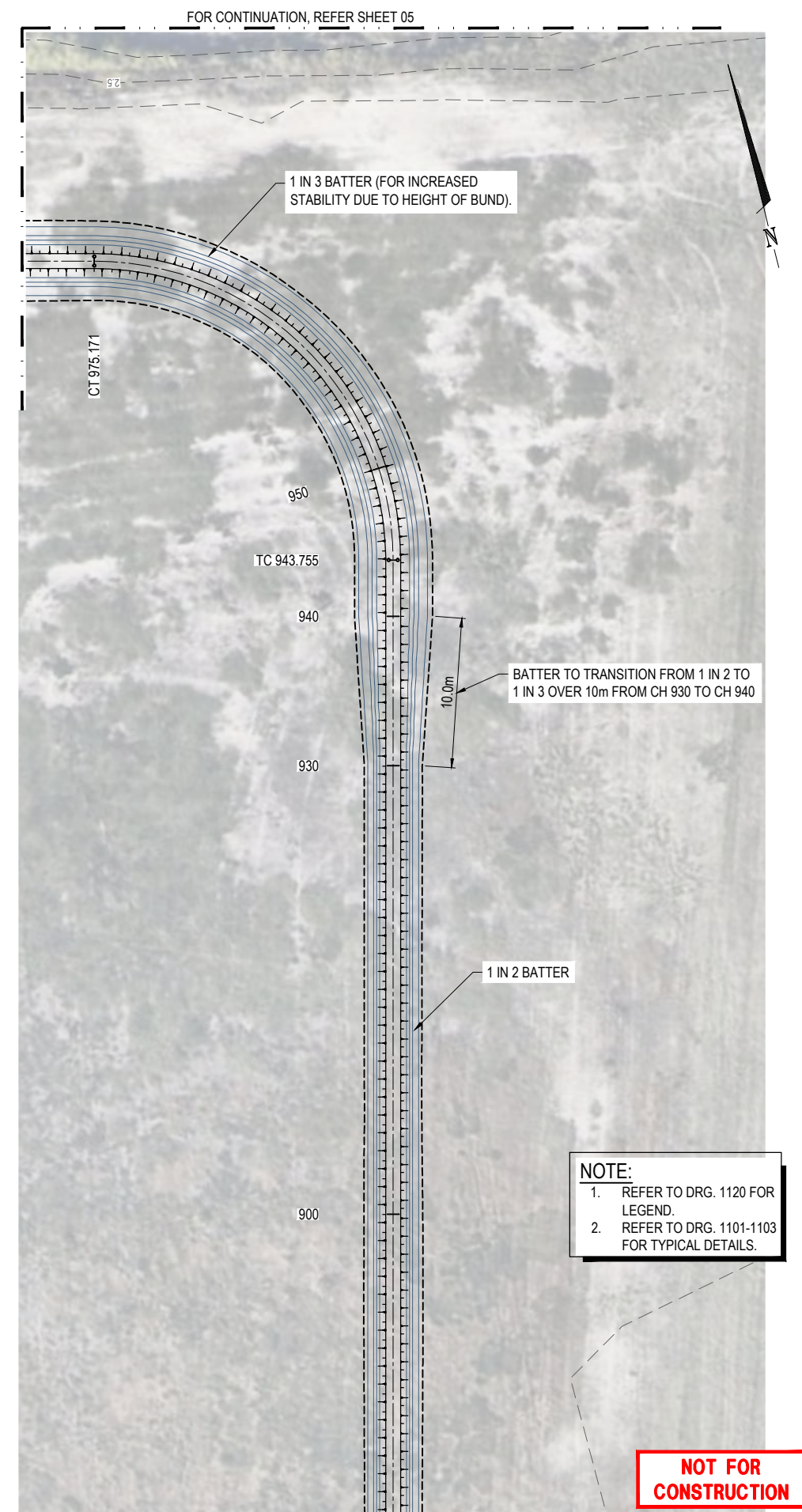
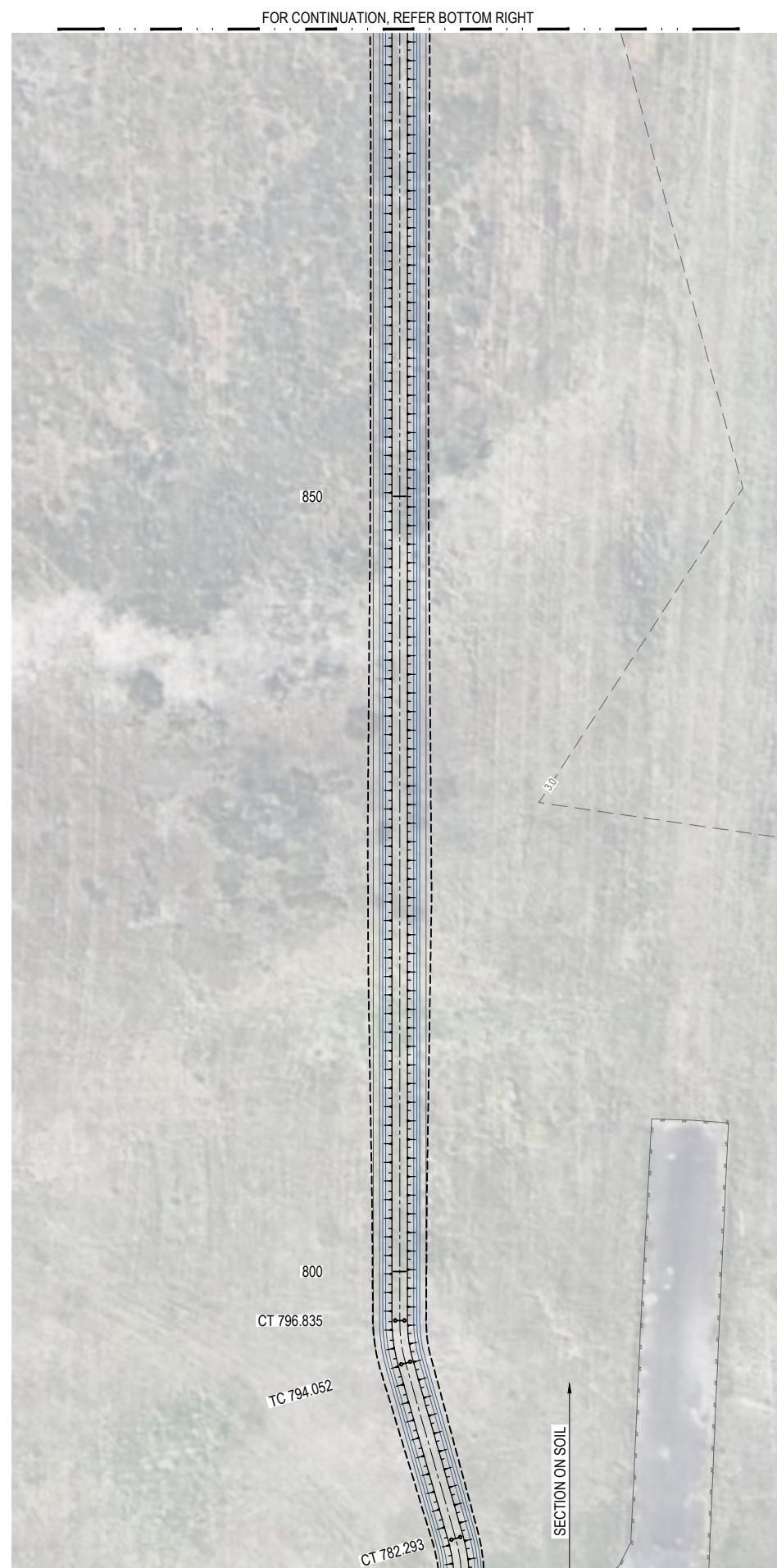
STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26

SCALE
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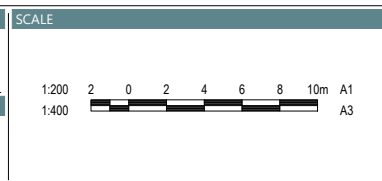


PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE
EARTHEN BUND PLAN SHEET 3 OF 5
PROJECT No. 25-1006729_FM 1122
DRAWING No. 1122
REVISION B

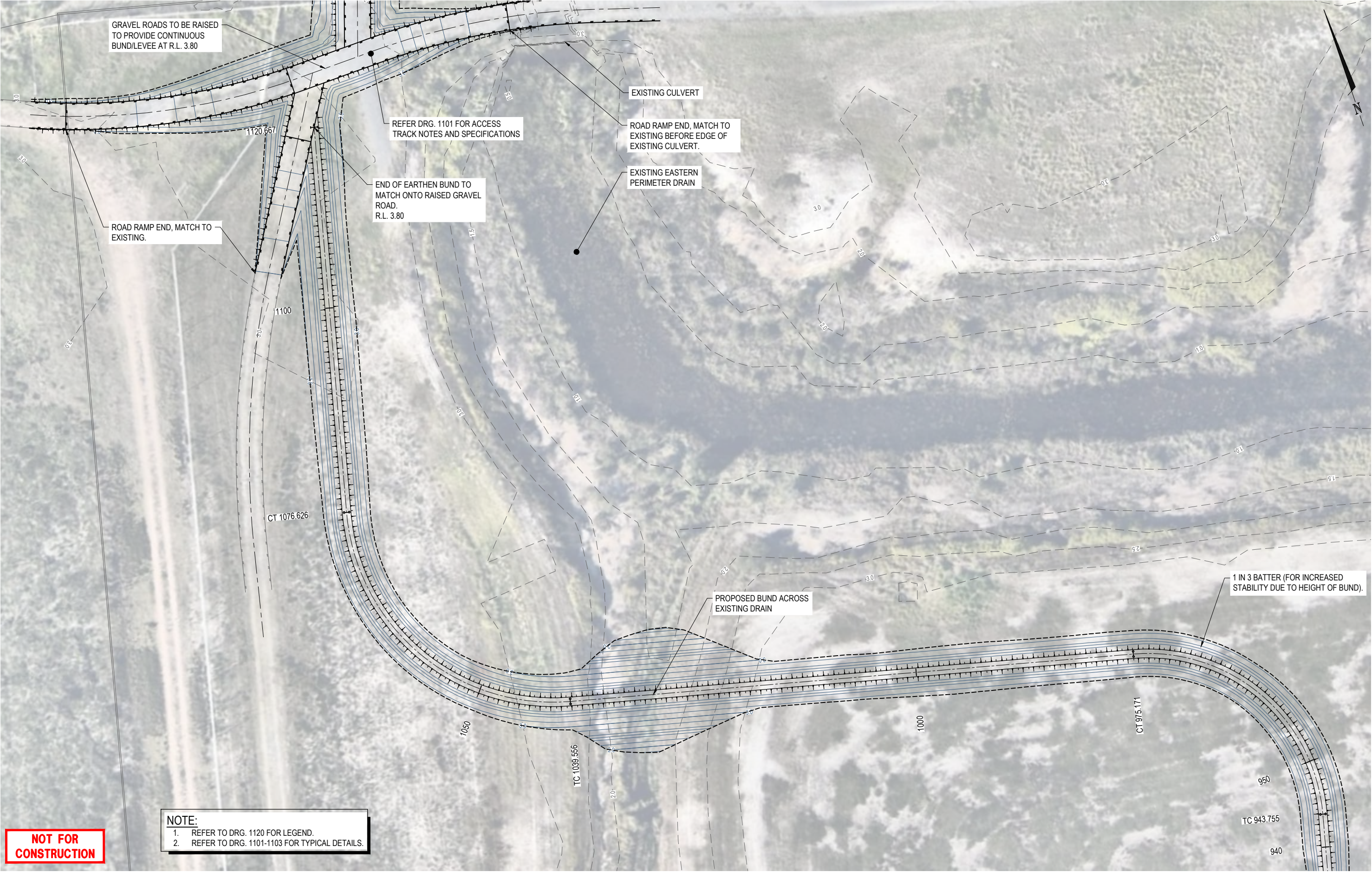
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STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26



SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
EARTHEN BUND PLAN SHEET 4 OF 5		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1123	B



INITIAL	DES	DRN	CHK	APP	DATE
A	CH	HSL	AA	RA	14.04.26
B	CH	HSL	AA	RA	16.06.26
	B	AA	HSL	AA	24.07.26

AMENDMENT DETAILS					
					ISSUED FOR INFORMATION
					ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: Ryan Ashworth	DATE: 24.07.26

SCALE	
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1:400	A3



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Sunshine Coast Airport

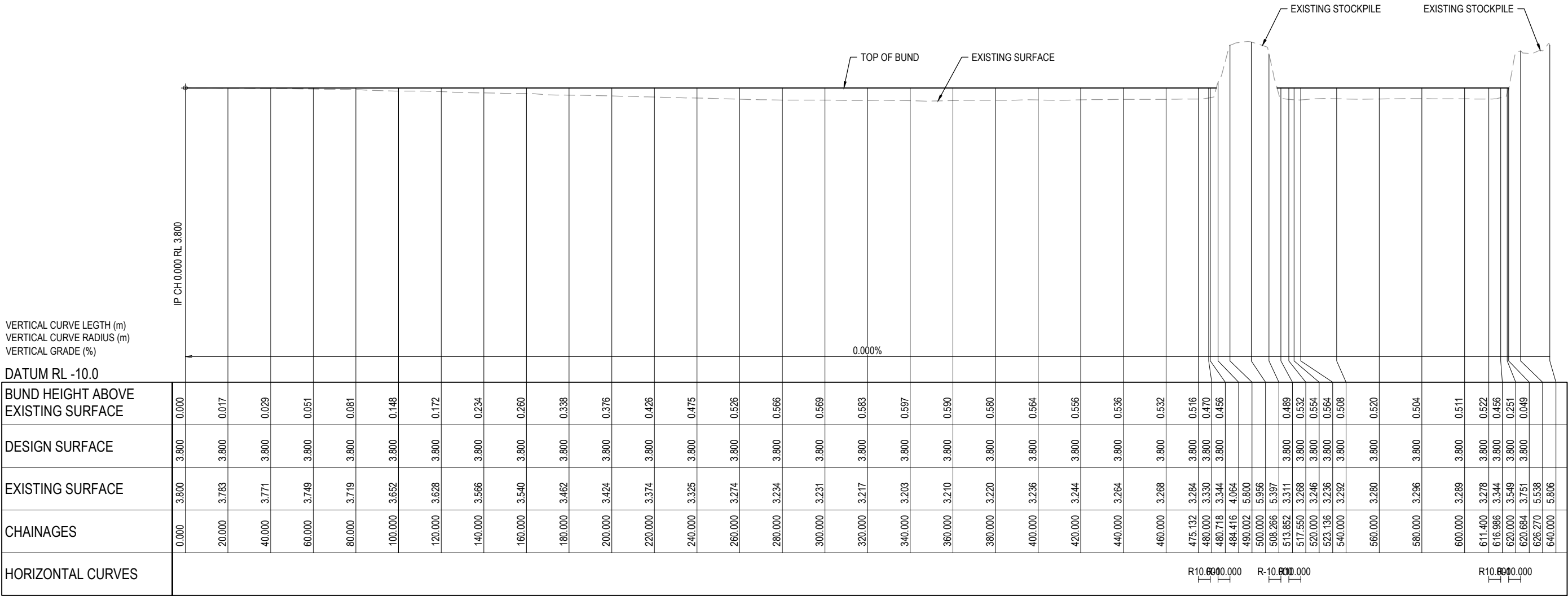
SUNSHINE COAST AIRPORT
FLOOD MITIGATION

EARTHEN BUND PLAN
SHEET 5 OF 5

PROJECT No. 25-1006729_FM 1124
DRAWING No. 1124
REVISION B

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	509201.371	7057796.439	3.800	14°01'25.43"			
TC	475.132	509316.507	7058257.410	3.800	14°01'25.43"			
IP 2	477.925	509317.202	7058260.193	3.800		R = 10.000	5.586	32°00'19.70"
CT	480.718	509319.266	7058262.184	3.800	46°01'45.13"			
TC	484.416	509321.927	7058264.752	3.800	46°01'45.13"			
IP 3	487.209	509323.991	7058266.743	3.800		R = -10.000	5.586	32°00'19.47"
CT	490.002	509324.686	7058269.525	3.800	14°01'25.66"			
TC	508.266	509329.112	7058287.245	3.800	14°01'25.66"			
IP 4	511.059	509329.807	7058290.027	3.800		R = -10.000	5.586	32°00'20.59"
CT	513.852	509328.922	7058292.755	3.800	342°01'05.07"			
TC	517.550	509327.780	7058296.273	3.800	342°01'05.07"			
IP 5	520.343	509326.895	7058299.001	3.800		R = 10.000	5.586	32°00'20.38"
CT	523.136	509327.590	7058301.783	3.800	14°01'25.45"			
TC	611.400	509348.978	7058387.417	3.800	14°01'25.45"			
IP 6	614.193	509349.673	7058390.199	3.800		R = 10.000	5.586	32°00'20.56"
CT	616.986	509351.737	7058392.190	3.800	46°01'46.01"			
TC	620.684	509354.399	7058394.758	3.800	46°01'46.01"			
IP 7	623.477	509356.463	7058396.749	3.800		R = -10.000	5.586	32°00'20.79"
CT	626.270	509357.158	7058399.532	3.800	14°01'25.23"			

EARTHEN BUND CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
TC	666.941	509367.013	7058438.990	3.800	14°01'25.23"			
IP 8	667.402	509367.125	7058439.438	3.800		R = -10.000	0.921	5°16'39.05"
CT	667.863	509367.195	7058439.893	3.800	8°44'46.17"			
TC	677.812	509368.708	7058449.727	3.800	8°44'46.17"			
IP 9	678.273	509368.778	7058450.183	3.800		R = 10.000	0.921	5°16'39.36"
CT	678.733	509368.890	7058450.630	3.800	14°01'25.53"			
TC	779.510	509393.310	7058548.403	3.800	14°01'25.53"			
IP 10	780.902	509393.650	7058549.762	3.800		R = -10.000	2.783	15°56'44.26"
CT	782.293	509393.603	7058551.161	3.800	358°04'41.27"			
TC	794.052	509393.208	7058562.914	3.800	358°04'41.27"			
IP 11	795.444	509393.161	7058564.314	3.800		R = 10.000	2.783	15°56'44.15"
CT	796.835	509393.501	7058565.673	3.800	14°01'25.42"			
TC	943.755	509429.103	7058708.214	3.800	14°01'25.42"			
IP 12	959.463	509433.949	7058727.618	3.800		R = -20.000	31.416	90°00'00.07"
CT	975.171	509414.545	7058732.464	3.800	284°01'25.35"			
TC	1039.556	509352.080	7058748.066	3.800	284°01'25.35"			
IP 13	1058.091	509329.183	7058753.785	3.800		R = 23.600	37.071	90°00'00.08"
CT	1076.626	509334.902	7058776.681	3.800	14°01'25.43"			
IP 14	1120.667	509345.574	7058819.409	3.800	14°01'25.43"			

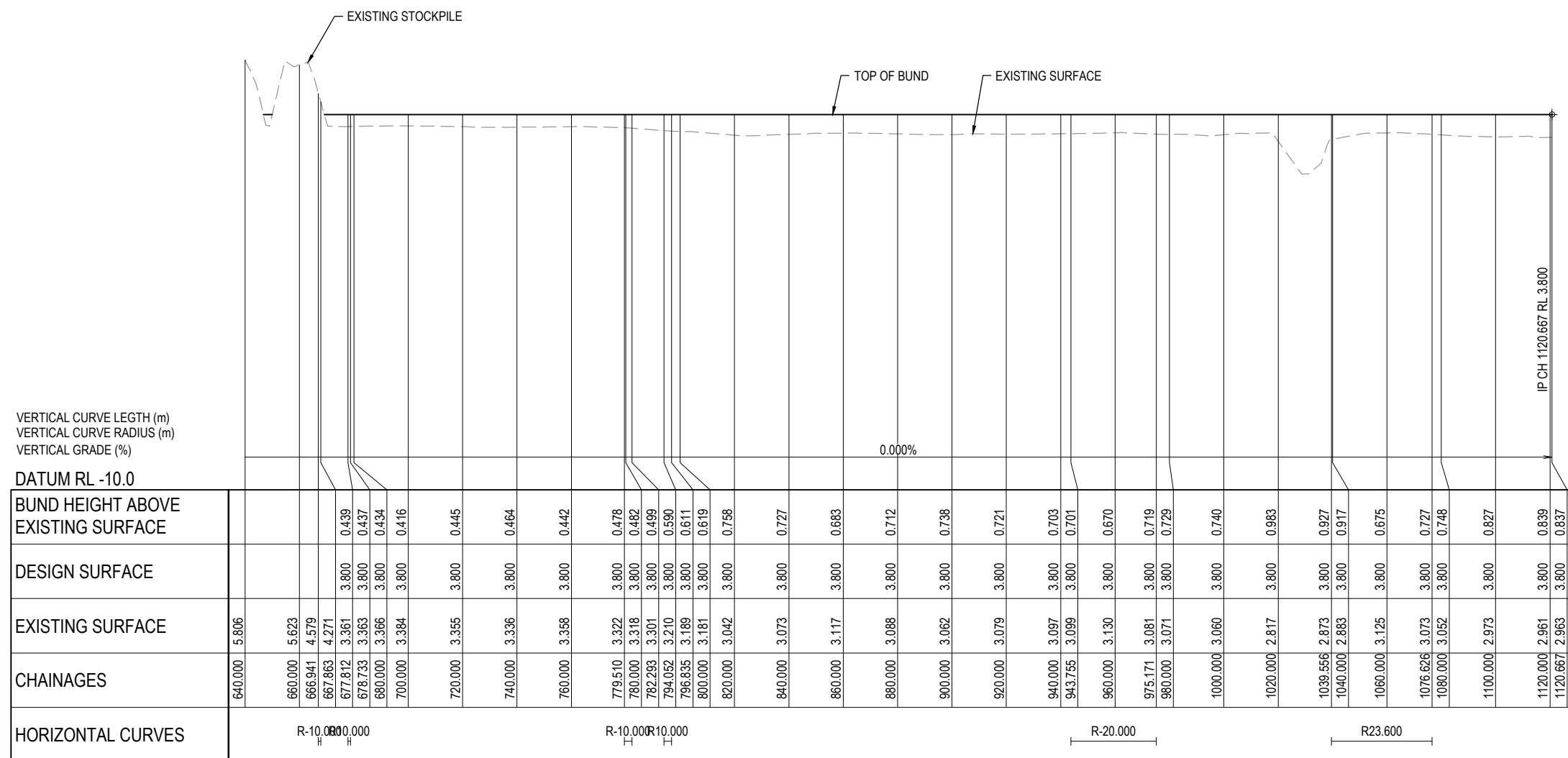


LONGITUDINAL SECTION 1 - EARTHEN BUND

HORIZ SCALE: 1000
VERTICAL SCALE: 100

**NOT FOR
CONSTRUCTION**

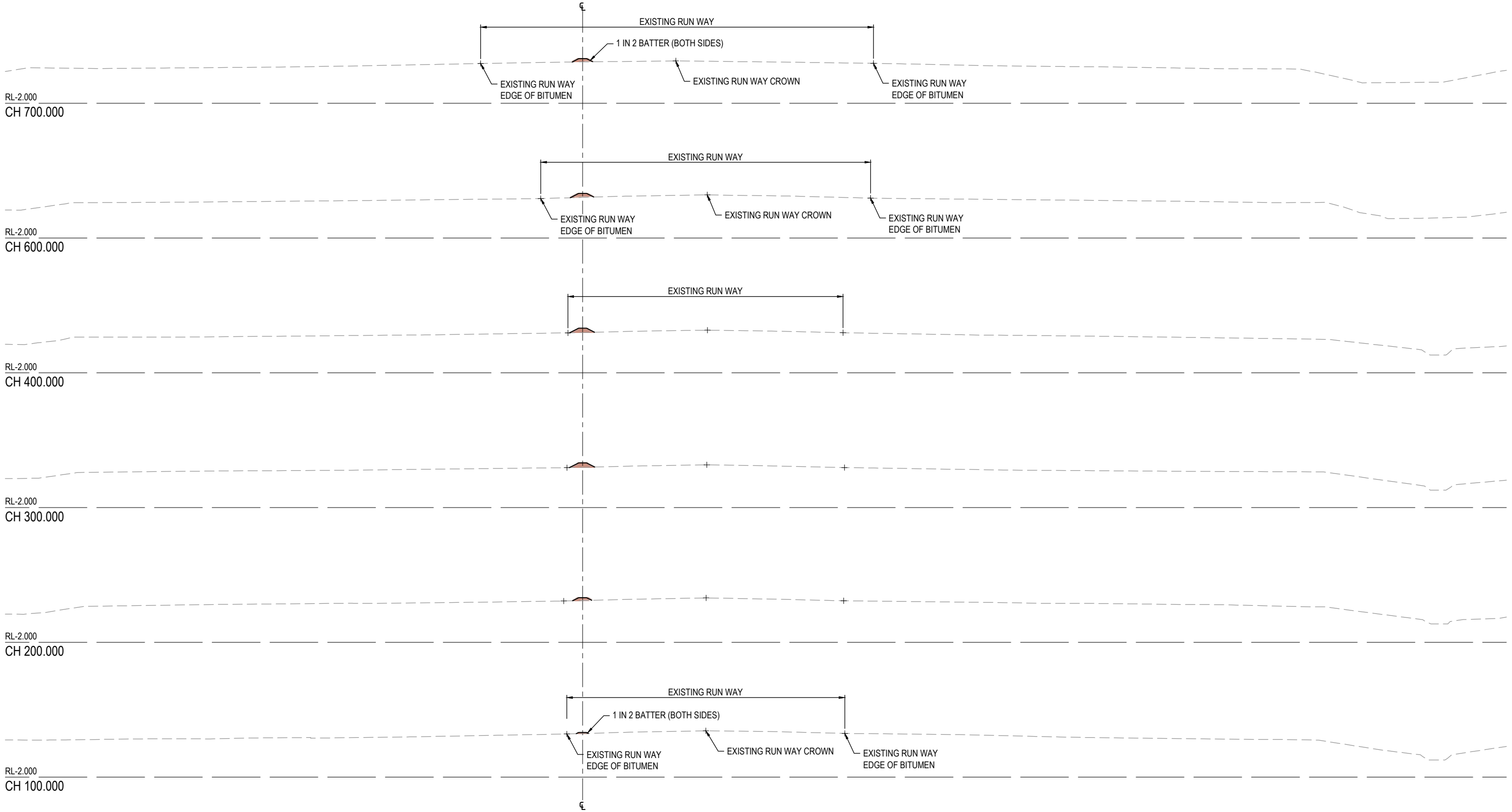
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	B	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL														
APPROVED																					
BY: RYAN ASHWORTH NO: 19674																					
SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26																					



LONGITUDINAL SECTION 2 - EARTHEN BUND

HORIZ SCALE: 1000
VERTICAL SCALE: 100

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	STATUS	SCALE	CLIENT	PROJECT	DRAWING TITLE
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B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION		1:2000 2 1 0 2 4m A1			
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL		VERTICAL			
							APPROVED				
							BY: RYAN ASHWORTH NO: 19674				
							SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26				



NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
A	CH	HSL	AA	RA	14.04.26		
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION	
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL	

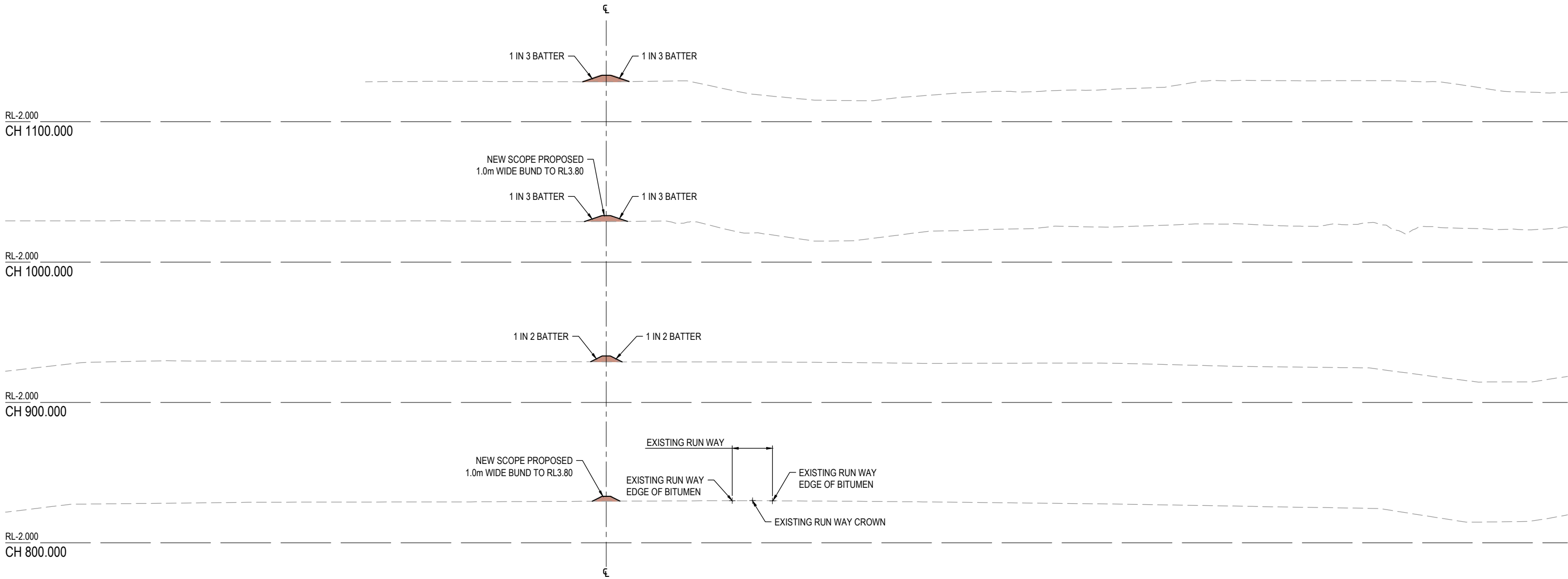
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FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
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1:500	A3



PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
EARTHEN BUND CROSS SECTIONS SHEET 1 OF 2		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1127	B



NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
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A	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION	
B	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL	

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 24.07.26

SCALE

1:250

5

0

5

10m

1:500

A1

A3



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CLIENT



PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE

EARTHEN BUND
CROSS SECTIONS
SHEET 2 OF 2

PROJECT No.

DRAWING No.

REVISION

25-1006729_FM 1128

B



- LEGEND:
- PROPOSED EARTHWORKS BATTER
 - PROPOSED DESIGN CONTOURS (0.2m)
 - PROPOSED EARTHEN BUND CENTERLINE
 - PROPOSED EDGE OF PAVEMENT
 - ROAD CENTERLINE
 - PROPOSED DRAIN 01 CENTERLINE
 - EXISTING EDGE OF PAVEMENT
 - EXISTING LOT BOUNDARY
 - EXISTING CONTOURS (0.5m)

- NOTE:
- REFER TO DRG. 1101-1103 FOR TYPICAL DETAILS.
 - REFER TO DRG. 1131 FOR SOUTH EARTHEN BUND LONGITUDINAL AND CROSS SECTIONS.

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
ISSUE	CH	HSL	AA	RA	21.07.26	
A	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
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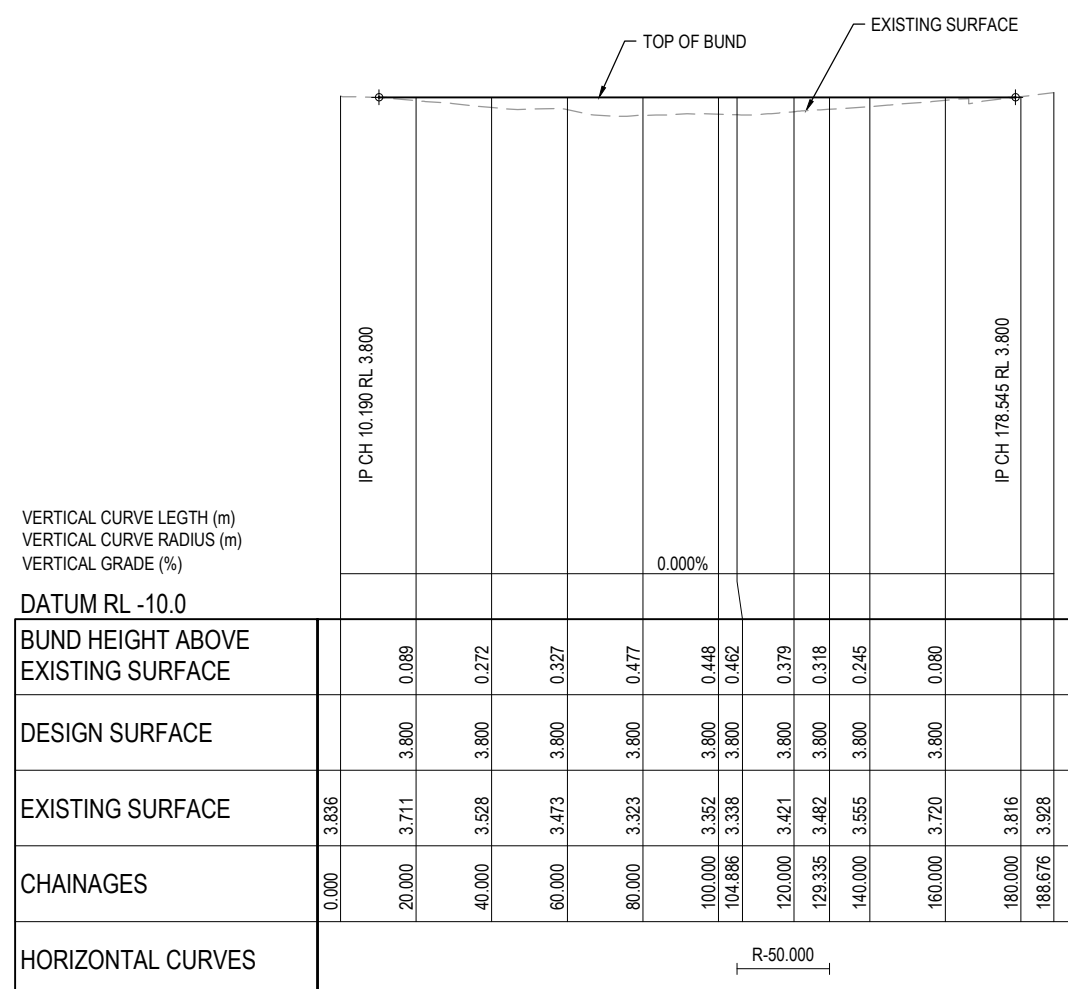


PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
SOUTH EARTHEN BUND PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1130	A

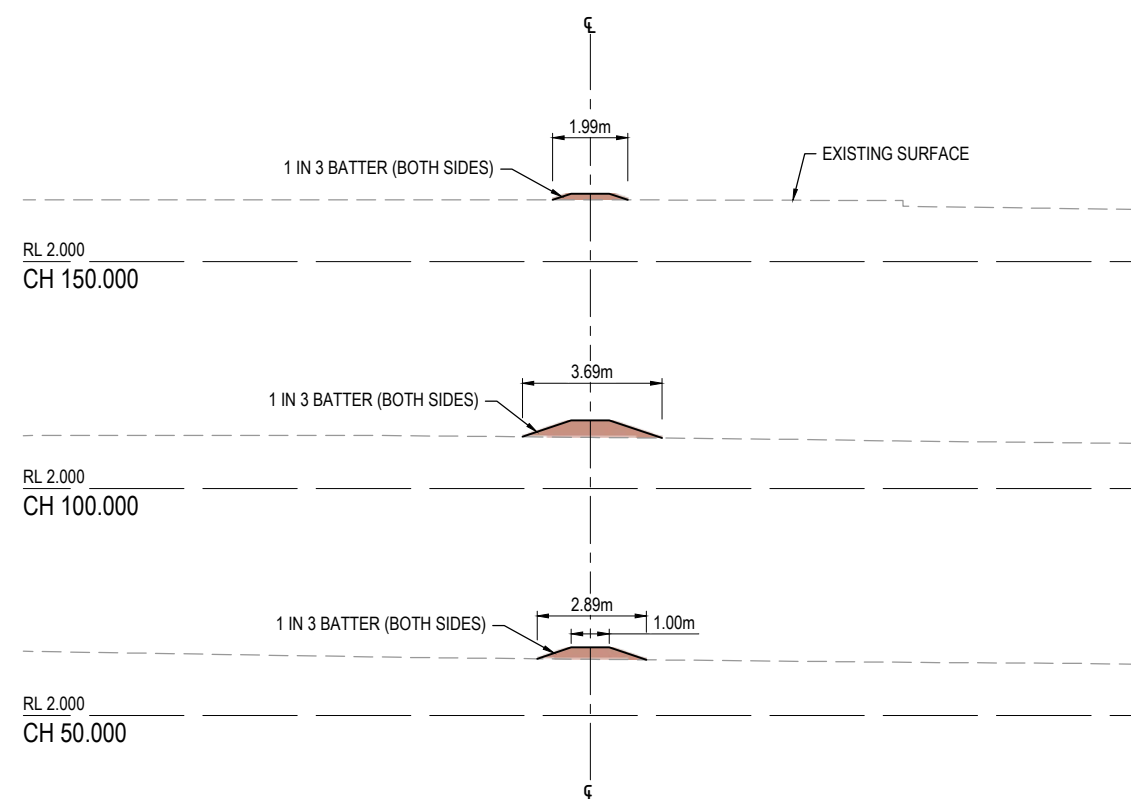
EARTHEN BUND SOUTH - CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	509182.965	7057486.491		17°16'45.50"			
TC	104.886	509214.119	7057586.643	3.800	17°16'45.50"			
IP 2	117.111	509217.824	7057598.554	3.800		R = -50.000	24.449	28°00'58.51"
CT	129.335	509215.500	7057610.810	3.800	349°15'46.98"			
IP 3	188.676	509204.445	7057669.112		349°15'46.98"			



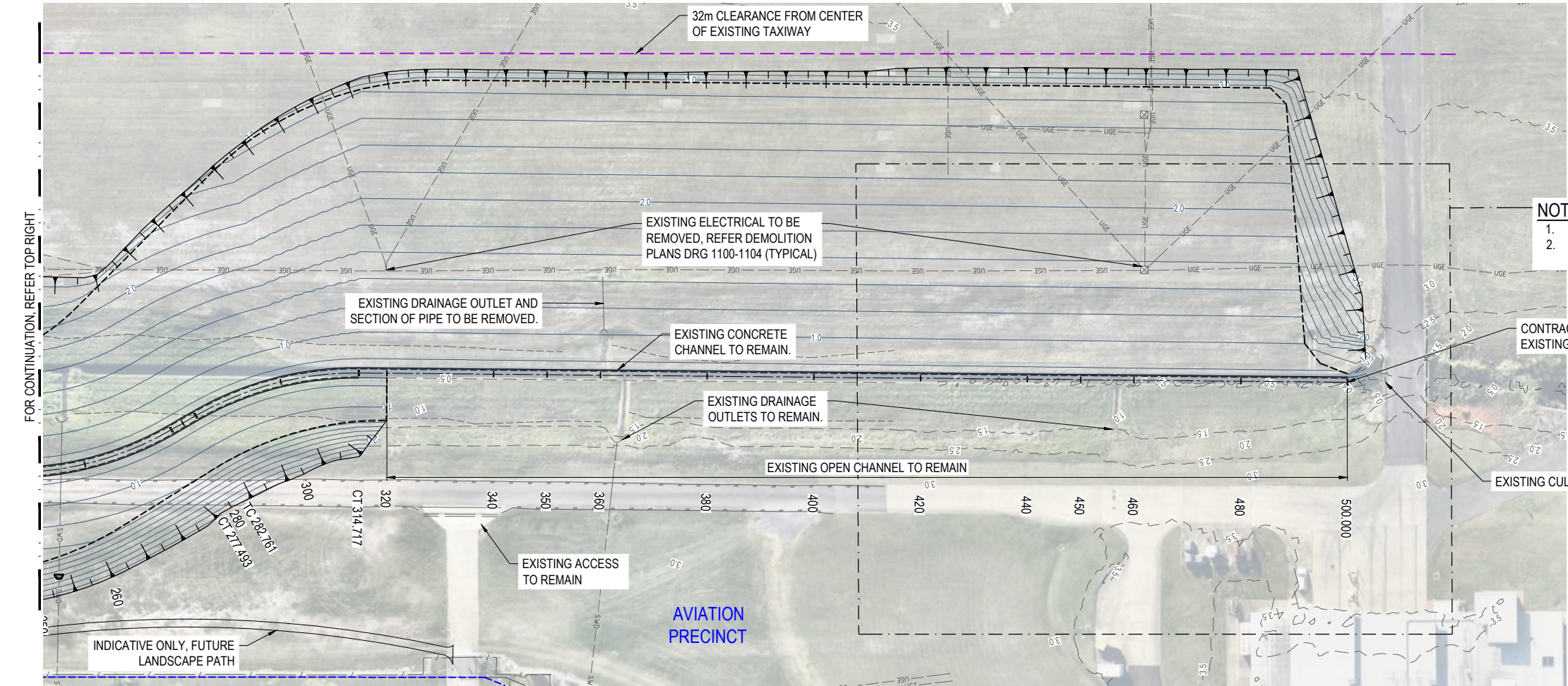
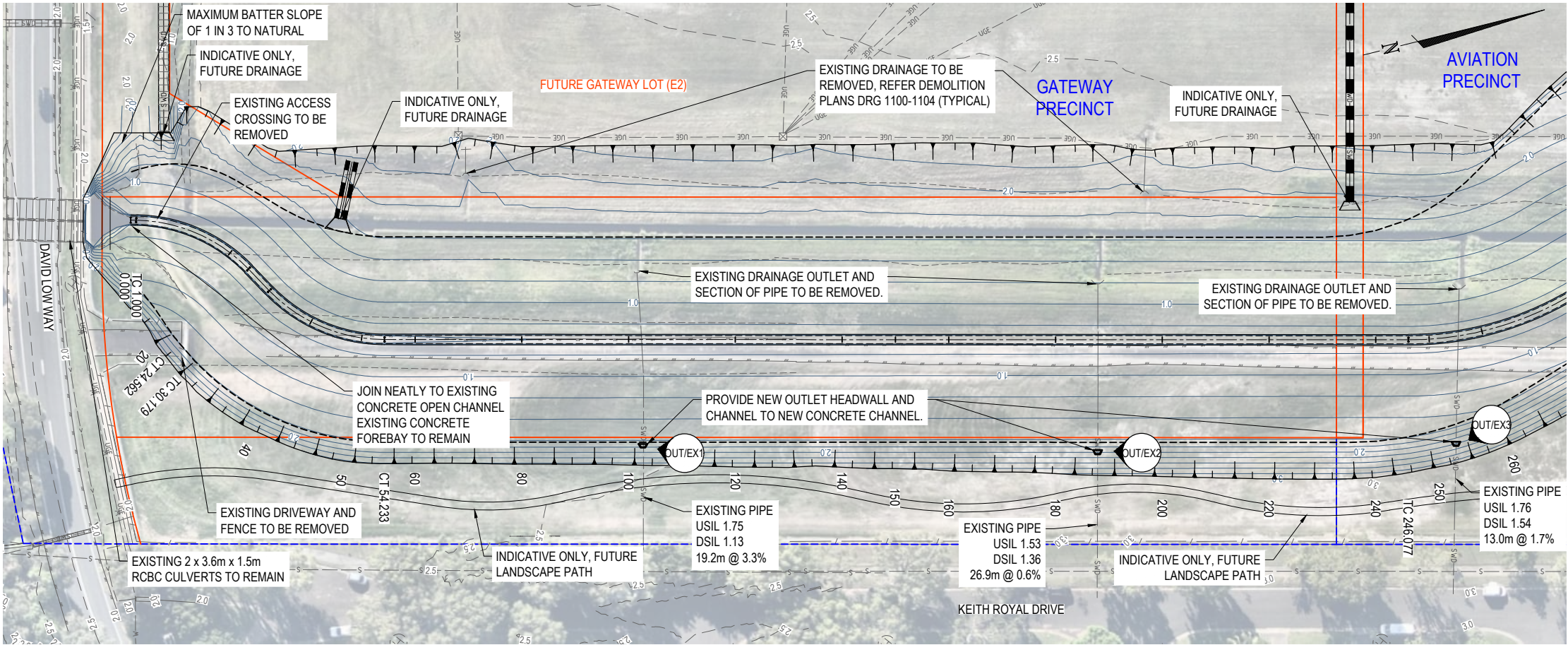
LONGITUDINAL SECTION - SOUTH EARTHEN BUND

HORIZ SCALE: 1000
VERTICAL SCALE: 100



**NOT FOR
CONSTRUCTION**

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	STATUS	SCALE	CLIENT	PROJECT	DRAWING TITLE	
	CH	AA	HSL	AA	RA							RA
A	AA	AA	HSL	AA	RA	ISSUED FOR APPROVAL	FOR APPROVAL	1:1000 1:2000			SUNSHINE COAST AIRPORT FLOOD MITIGATION	SOUTH EARTHEN BUND LONGITUDINAL AND CROSS SECTIONS
							APPROVED	1:100 1:200				
							BY: RYAN ASHWORTH NO: 19674		 © 2023 Egis Consulting Pty Ltd www.egis-group.com			
							SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26					



INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

STATUS
FOR APPROVAL
APPROVED
BY: RYAN ASHWORTH NO: 19674
SIGN: <i>Ryan Ashworth</i> DATE: 24.07.26

SCALE
1:500 10 5 0 10 20m A1
1:1000 10 5 0 10 20m A3



PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE
EASTERN PERIMETER DRAIN LAYOUT PLAN
PROJECT No. 25-1006729_FM 1140
DRAWING No. 1140
REVISION B

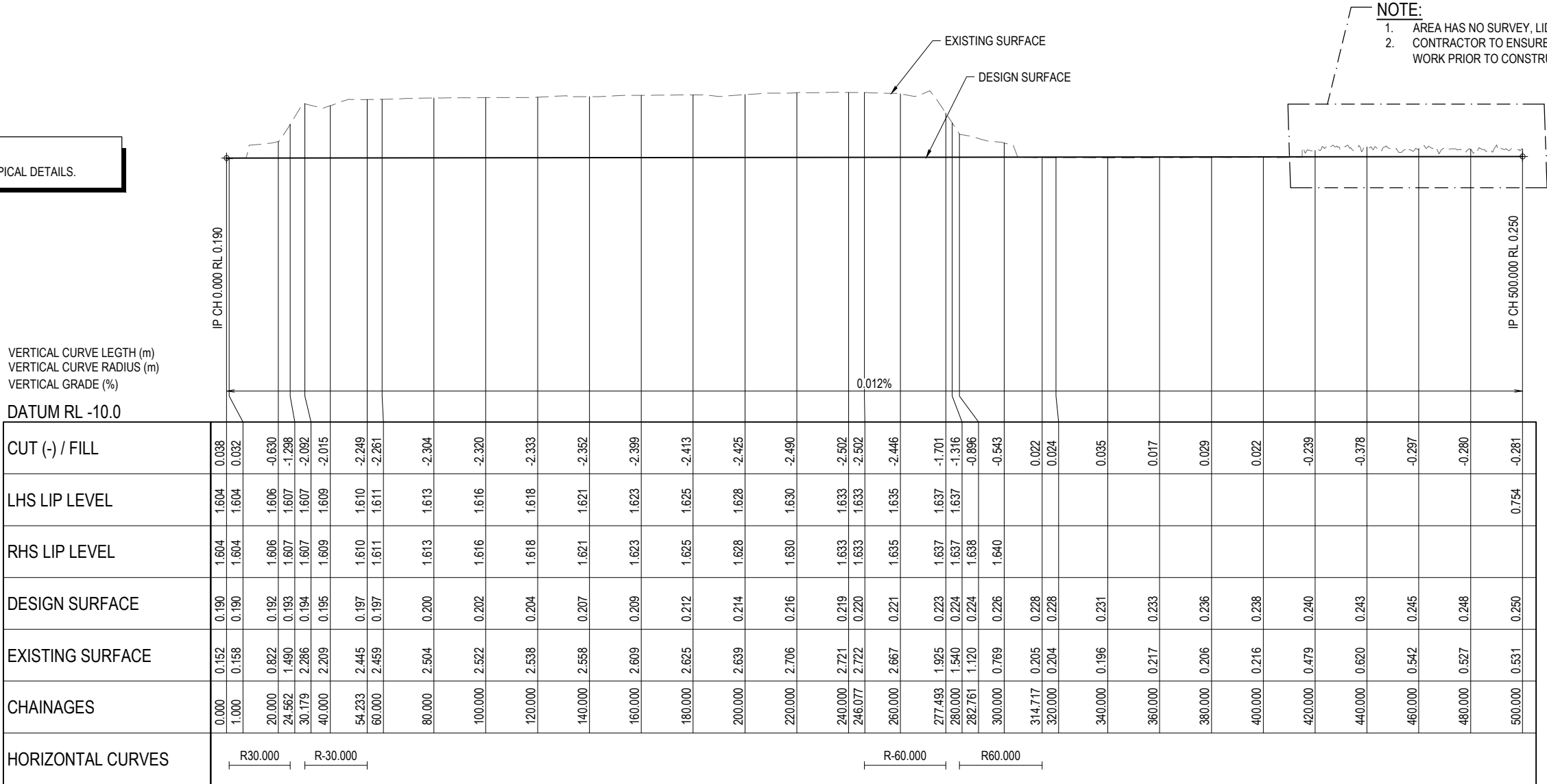
EASTERN PERIMETER DRAIN CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	509013.596	7056602.819	0.190	14°59'06.43"			
TC	1.000	509013.855	7056603.785	0.190	14°59'06.43"			
IP 2	12.781	509017.068	7056615.789	0.192		R = 30.000	23.562	45°00'00.00"
CT	24.562	509027.828	7056622.005	0.193	59°59'06.43"			
TC	30.179	509032.691	7056624.815	0.194	59°59'06.43"			
IP 3	42.206	509043.702	7056631.176	0.195		R = -30.000	24.054	45°56'26.39"
CT	54.233	509046.787	7056643.511	0.197	14°02'40.04"			
TC	246.077	509093.343	7056829.621	0.220	14°02'40.04"			
IP 4	261.785	509097.245	7056845.217	0.221		R = -60.000	31.416	30°00'00.00"
CT	277.493	509092.825	7056860.675	0.223	344°02'40.04"			
TC	282.761	509091.377	7056885.740	0.224	344°02'40.04"			
IP 5	298.739	509086.878	7056881.476	0.226		R = 60.000	31.956	30°30'57.50"
CT	314.717	509090.992	7056897.318	0.228	14°33'37.54"			
IP 6	500.000	509137.573	7057076.649	0.250	14°33'37.54"			

NOTE:
1. REFER TO DRG. 1101-1102 FOR TYPICAL DETAILS.

NOTE:

1. AREA HAS NO SURVEY, LIDAR ONLY.
2. CONTRACTOR TO ENSURE DESIGN LEVELS WORK PRIOR TO CONSTRUCTION.



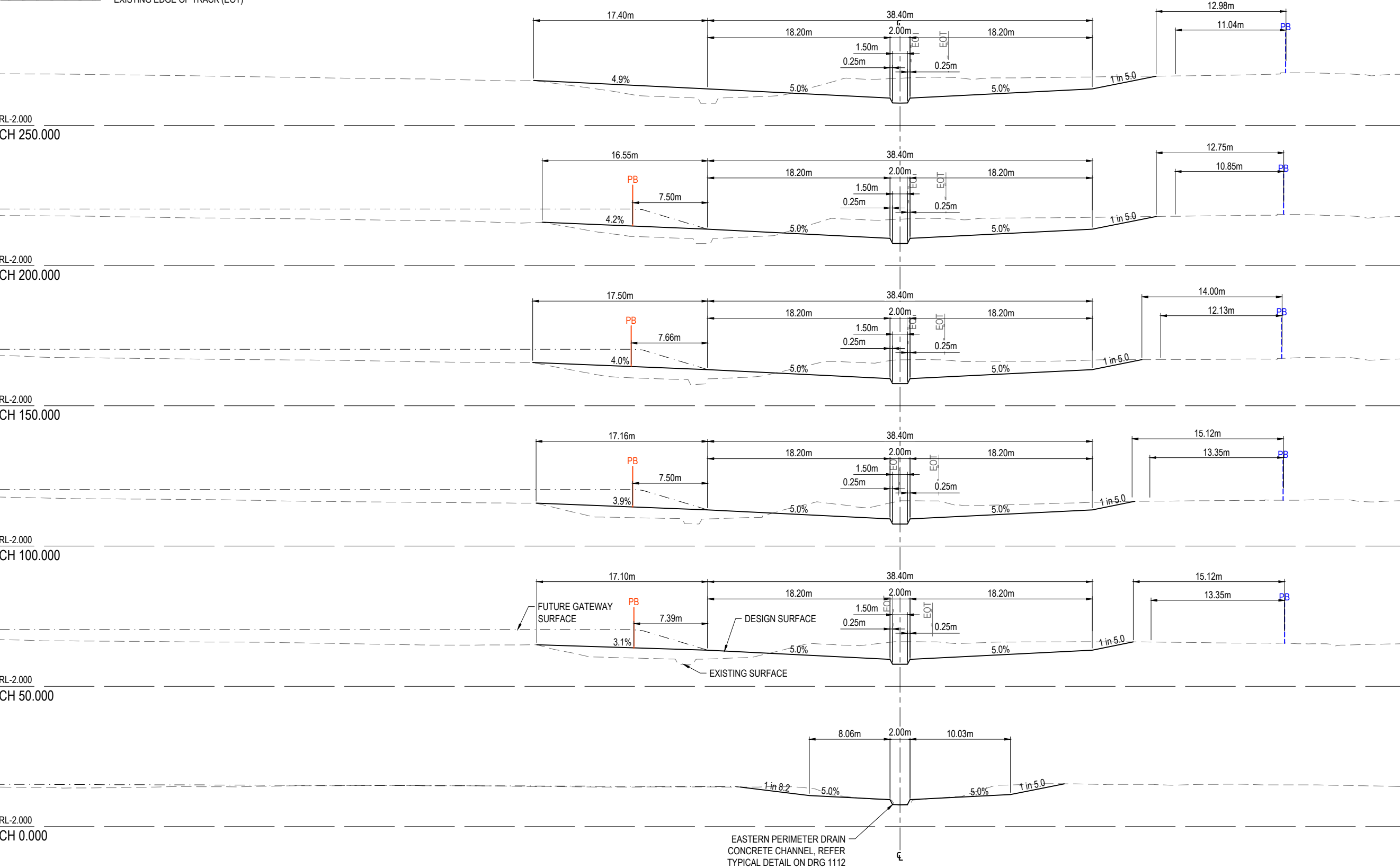
LONGITUDINAL SECTION - EASTERN PERIMETER DRAIN

HORIZ SCALE: 1000
VERTICAL SCALE: 100

AMENDMENT DETAILS						STATUS	SCALE	CLIENT	PROJECT	DRAWING TITLE		
ISSUE	DES	DRN	CHK	APP	DATE							
A	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION	1:1000 1:2000	 HORIZONTAL	 © 2023 Egis Consulting Pty Ltd www.egis-group.com	 Sunshine Coast Airport	SUNSHINE COAST AIRPORT FLOOD MITIGATION	EASTERN PERIMETER DRAIN LONGITUDINAL SECTION
B	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL	1:100 1:200	 VERTICAL				PROJECT No. 25-1006729_FM DRAWING No. 1141 REVISION B
						APPROVED						
						BY: RYAN ASHWORTH NO: 19674						
						SIGN:  DATE: 24.07.26						

LEGEND:

- PROPOSED GATEWAY SITE BOUNDARY (PB)
- PROPOSED PDA BOUNDARY (PB)
- EXISTING EDGE OF TRACK (EOT)



NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE
A	CH	HSL	AA	RA	14.04.26
B	CH	HSL	AA	RA	16.06.26
					24.07.26

AMENDMENT DETAILS					
					ISSUED FOR INFORMATION
					ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
1:200	2 0 2 4 6 8 10m A1
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Sunshine Coast Airport

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

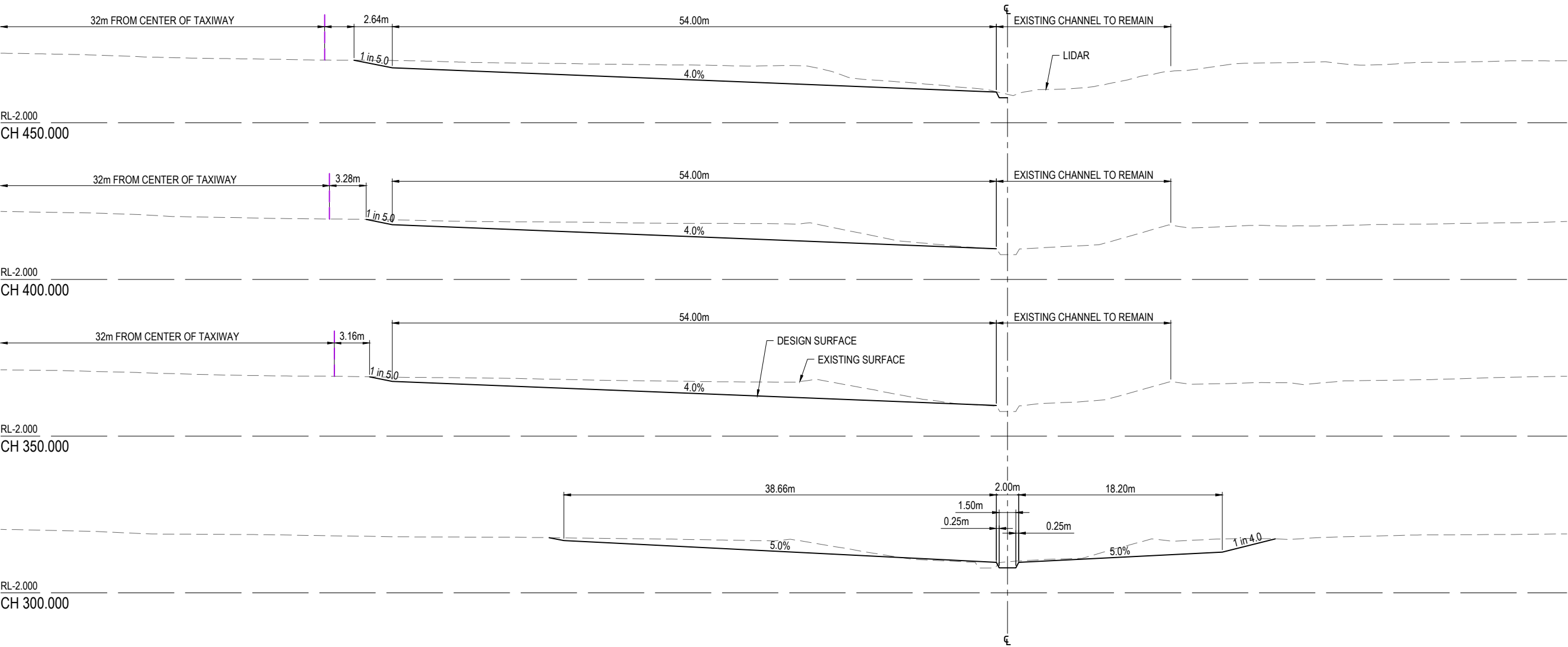
DRAWING TITLE

EASTERN PERIMETER DRAIN
CROSS SECTIONS
SHEET 1 OF 2

PROJECT No. 25-1006729_FM
DRAWING No. 1142
REVISION B

LEGEND:

- PROPOSED GATEWAY SITE BOUNDARY (PB)
- PROPOSED PDA BOUNDARY (PB)
- 32m FROM CENTER OF TAXIWAY
- EXISTING EDGE OF TRACK (EOT)



NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	
	AA	HSL	AA	RA	24.07.26	

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 24.07.26

SCALE

1:200 2 0 2 4 6 8 10m A1

1:400

A3

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CLIENT

 Sunshine Coast Airport

PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE

EASTERN PERIMETER DRAIN
CROSS SECTIONS
SHEET 2 OF 2

PROJECT No. 25-1006729_FM

DRAWING No. 1143

REVISION B



LEGEND:

- PROPOSED EARTHWORKS BATTER
- MARCOOLA WALL BUND WORKS
- PROPOSED DESIGN CONTOURS (0.2m)
- PROPOSED EDGE OF PAVEMENT
- ROAD CENTERLINE
- EXISTING EDGE OF PAVEMENT
- EXISTING LOT BOUNDARY
- EXISTING CONTOURS (0.5m)

NOTES
NOTE THERE IS NO SURVEY OF THE EXISTING BUND WALL AND AREA NORTH OF THE AIRPORT (LIDAR ONLY). ALIGNMENT OF EXISTING MARCOOLA BUND TAKEN FROM AERIAL.

NOT FOR CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	CH	HSL	AA	RA	14.04.26	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION
	B	AA	HSL	AA	24.07.26	ISSUED FOR APPROVAL

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 24.07.26

SCALE

1:100 1 0 1 2 3 4 5m A1

1:200 1 0 1 2 3 4 5m A3

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CLIENT

Sunshine Coast Airport

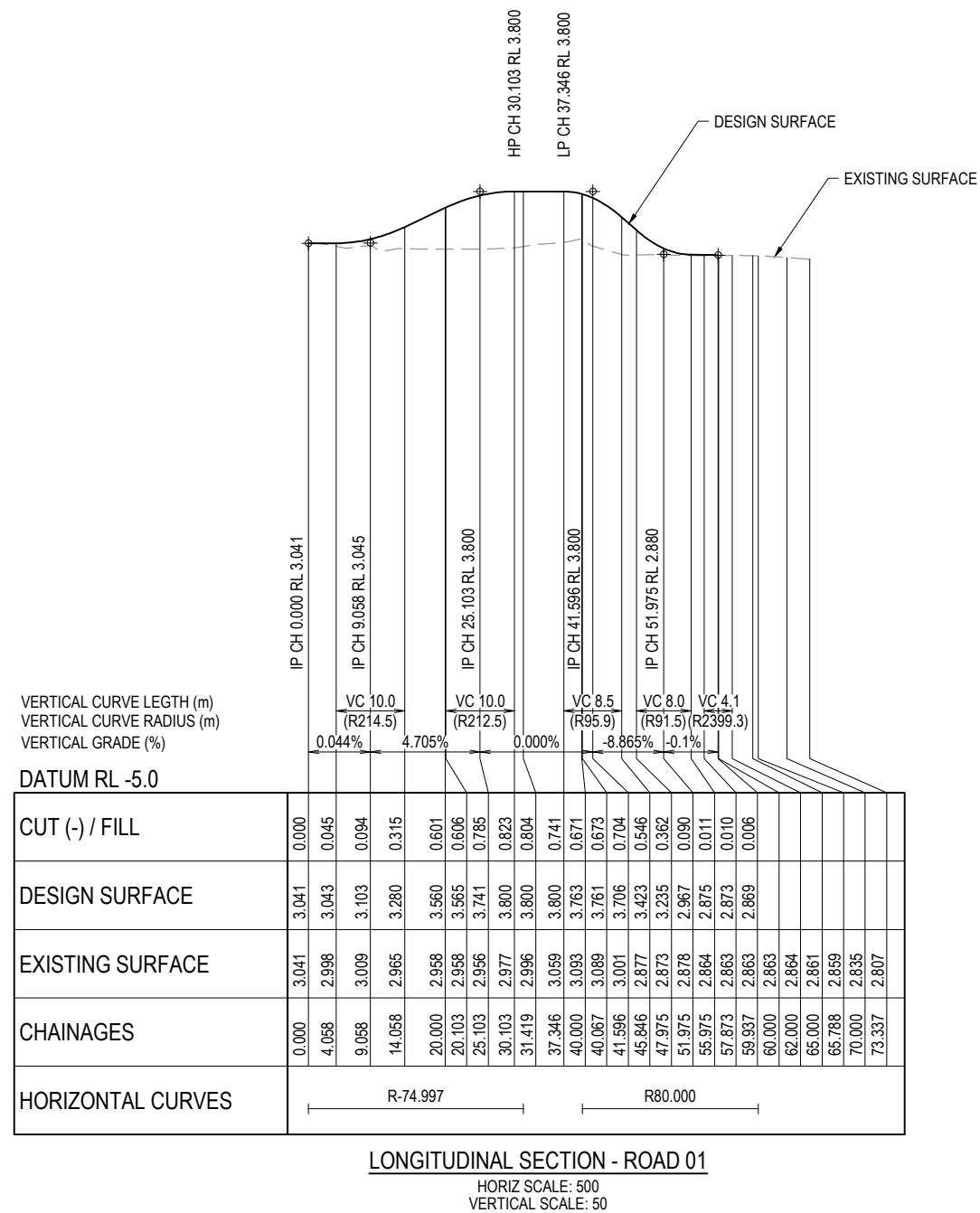
PROJECT

SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE

ROAD 01 DETAIL PLAN

PROJECT No. 25-1006729_FM DRAWING No. 1150 REVISION B

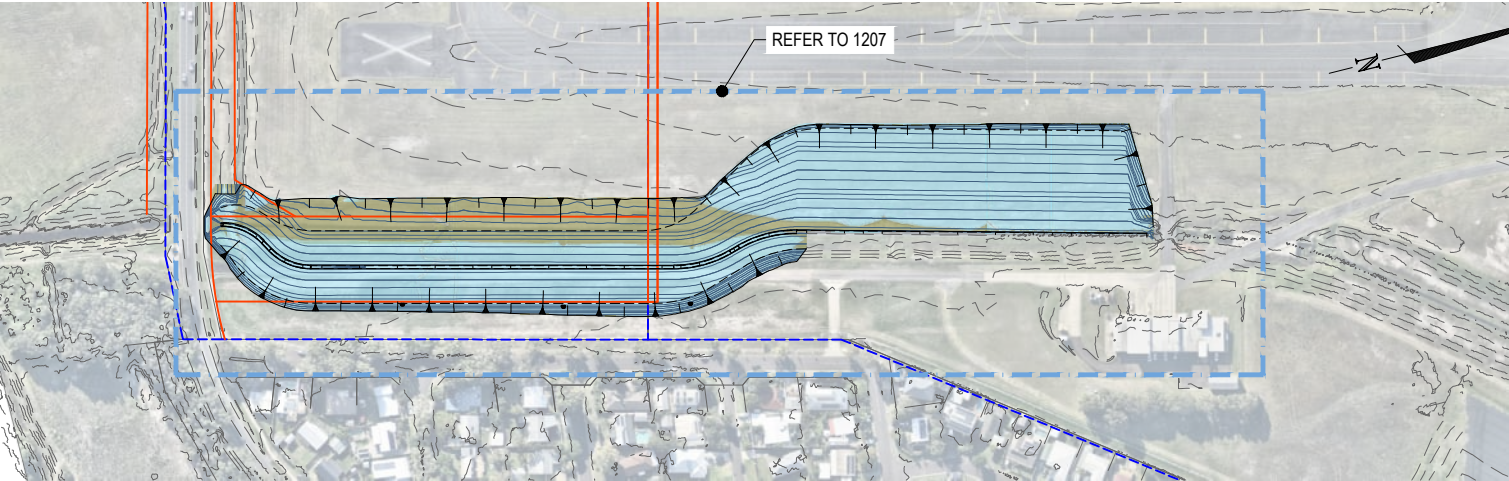


**NOT FOR
CONSTRUCTION**

[illegible]

BULK EARTHWORKS NOTES

1. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE CROSS SECTIONS, THE ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
2. CONTRACTOR TO LAISE WITH ALL RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
3. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCING THE DEMOLITION OF ANY EXISTING STRUCTURES WITHIN THE SITE AREA.
4. ALL DRAINAGE STRUCTURES TO BE PRESERVED FROM THE EFFECTS OF STRUCTURAL LOADING GENERATED BY THE EARTHWORKS.
5. ALL EXCAVATION AND FILLING SHALL BE COMPACTED TO THE REQUIREMENTS OF AS3798-2007 IN ACCORDANCE WITH THE LOCAL AUTHORITY REQUIREMENTS. LEVEL 1 SUPERVISION IS REQUIRED.



EASTERN PERIMETER DRAIN EARTHWORKS

LEGEND:

- PROPOSED EARTHWORKS BATTER
- PROPOSED EARTHEN BUND CENTERLINE
- PROPOSED EDGE OF PAVEMENT
- ACCESS TRACK CENTERLINE
- EXISTING EDGE OF PAVEMENT
- 1.5

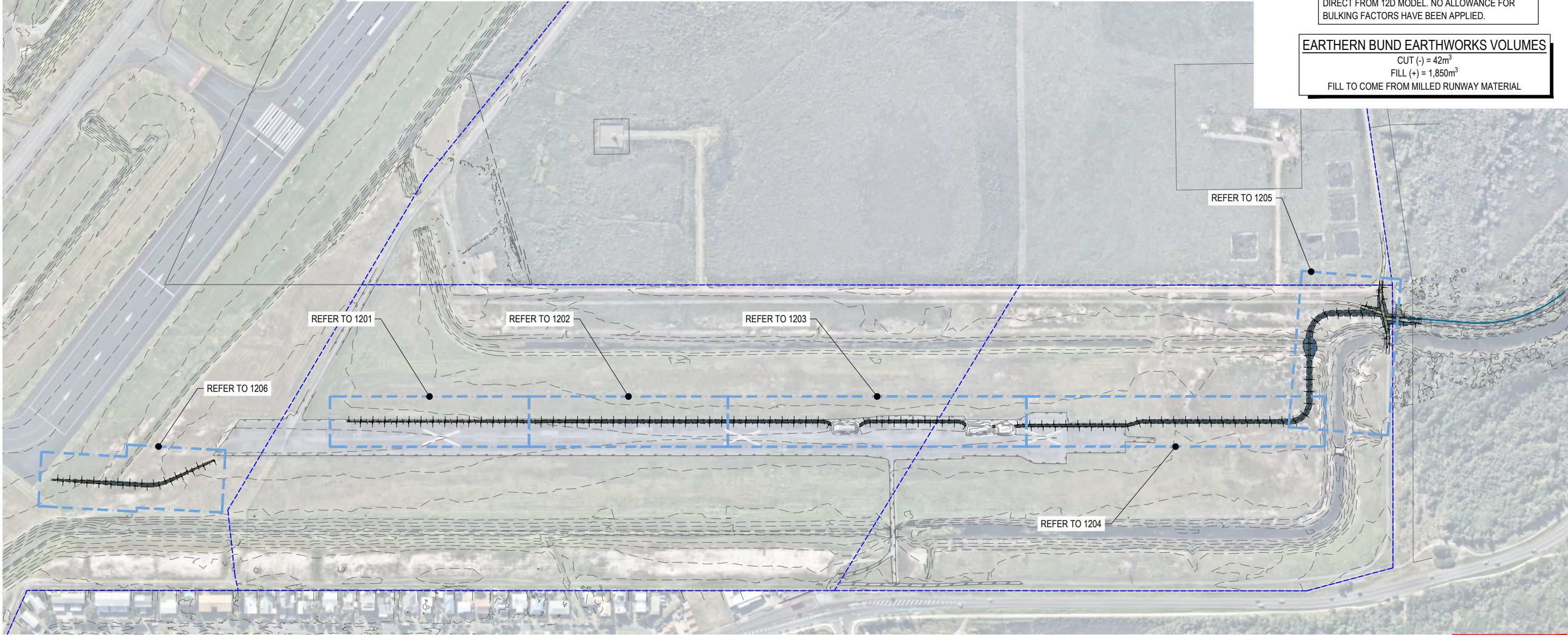
PROPOSED DESIGN CONTOURS (0.5m)
- 1.5

EXISTING CONTOURS (0.5m)
- PRECINCT BOUNDARY
- EXISTING LOT BOUNDARY
- AREA OF CUT
- AREA OF FILL

NOTE
AN ASSUMED AVERAGE TOPSOIL STRIP DEPTH OF 100mm HAS BEEN ASSUMED. QUANTITIES ARE DIRECT FROM 12D MODEL. NO ALLOWANCE FOR BULKING FACTORS HAVE BEEN APPLIED.

EARTHEN BUND EARTHWORKS VOLUMES

CUT (-) = 42m³
FILL (+) = 1,850m³
FILL TO COME FROM MILLED RUNWAY MATERIAL



EARTHEN BUND EARTHWORKS

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
	CH	HSL	AA	RA	14.04.26	
A	CH	HSL	AA	RA	16.06.26	
B	AA	HSL	AA	RA	24.07.26	

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
1:2000	20 0 20 40 60 80 100m A1
1:4000	A3



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SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE		
BULK EARTHWORKS OVERALL PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1200	B



NOTE:
1. REFER TO 1200 FOR LEGEND AND BULK EARTHWORKS NOTES.
2. REFER TO 1101-1102 FOR TYPICAL DETAILS.

NOT FOR CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
A	CH	HSL	AA	RA	14.04.26		
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION	
	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL	

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 24.07.26

SCALE

1:200 2 0 2 4 6 8 10m A1

1:400


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CLIENT



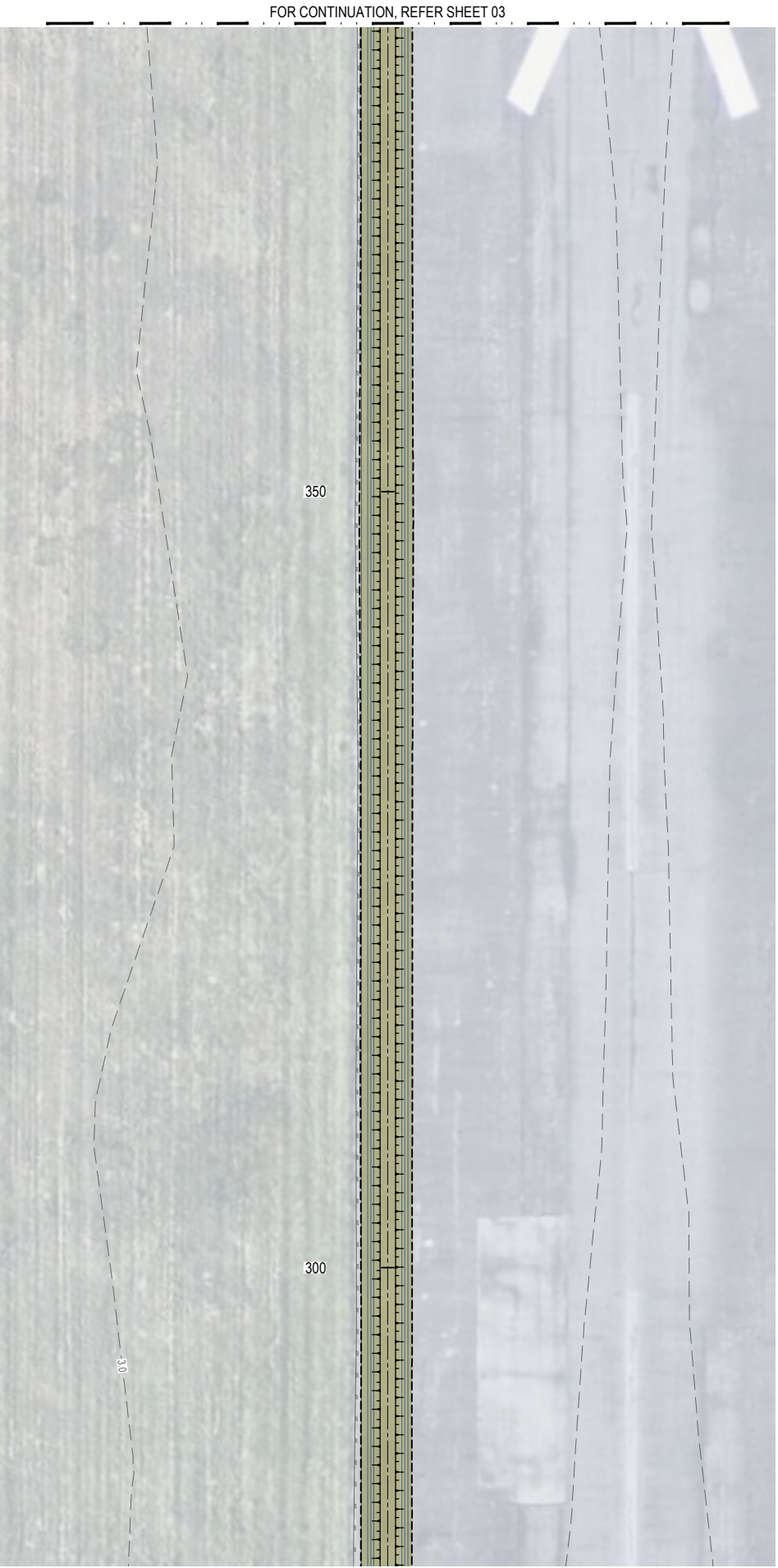
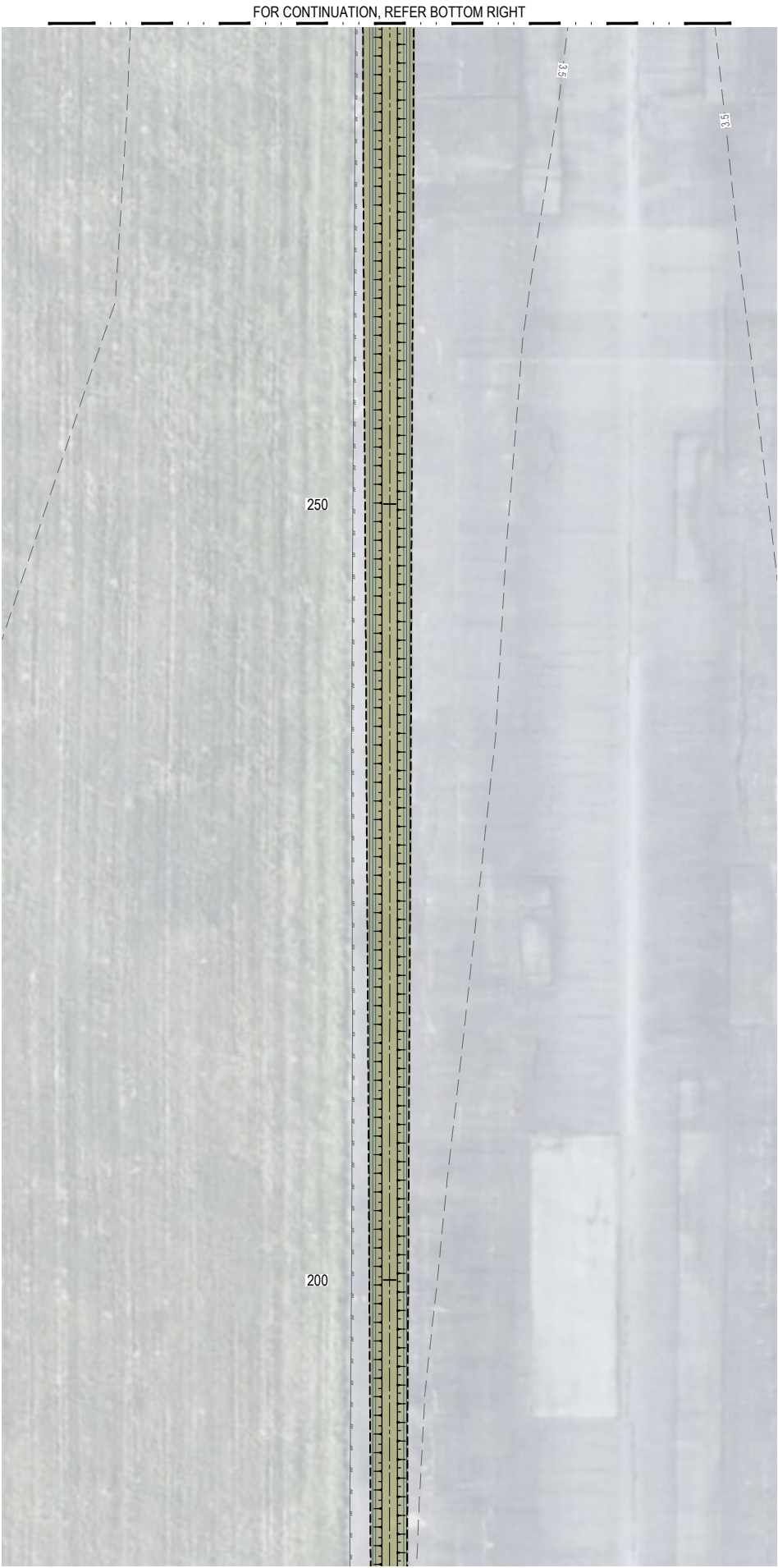
PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE

BULK EARTHWORKS
PLAN
SHEET 1 OF 7

PROJECT No. 25-1006729_FM DRAWING No. 1201 REVISION B



NOTE:

1. REFER TO 1200 FOR LEGEND AND BULK EARTHWORKS NOTES.
2. REFER TO 1101-1102 FOR TYPICAL DETAILS.

NOT FOR CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
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	CH	HSL	AA	RA	16.06.26	
	AA	HSL	AA	RA	24.07.26	
A						ISSUED FOR INFORMATION
B						ISSUED FOR APPROVAL

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 24.07.26

SCALE

1:200 2 0 2 4 6 8 10m A1

1:400



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CLIENT



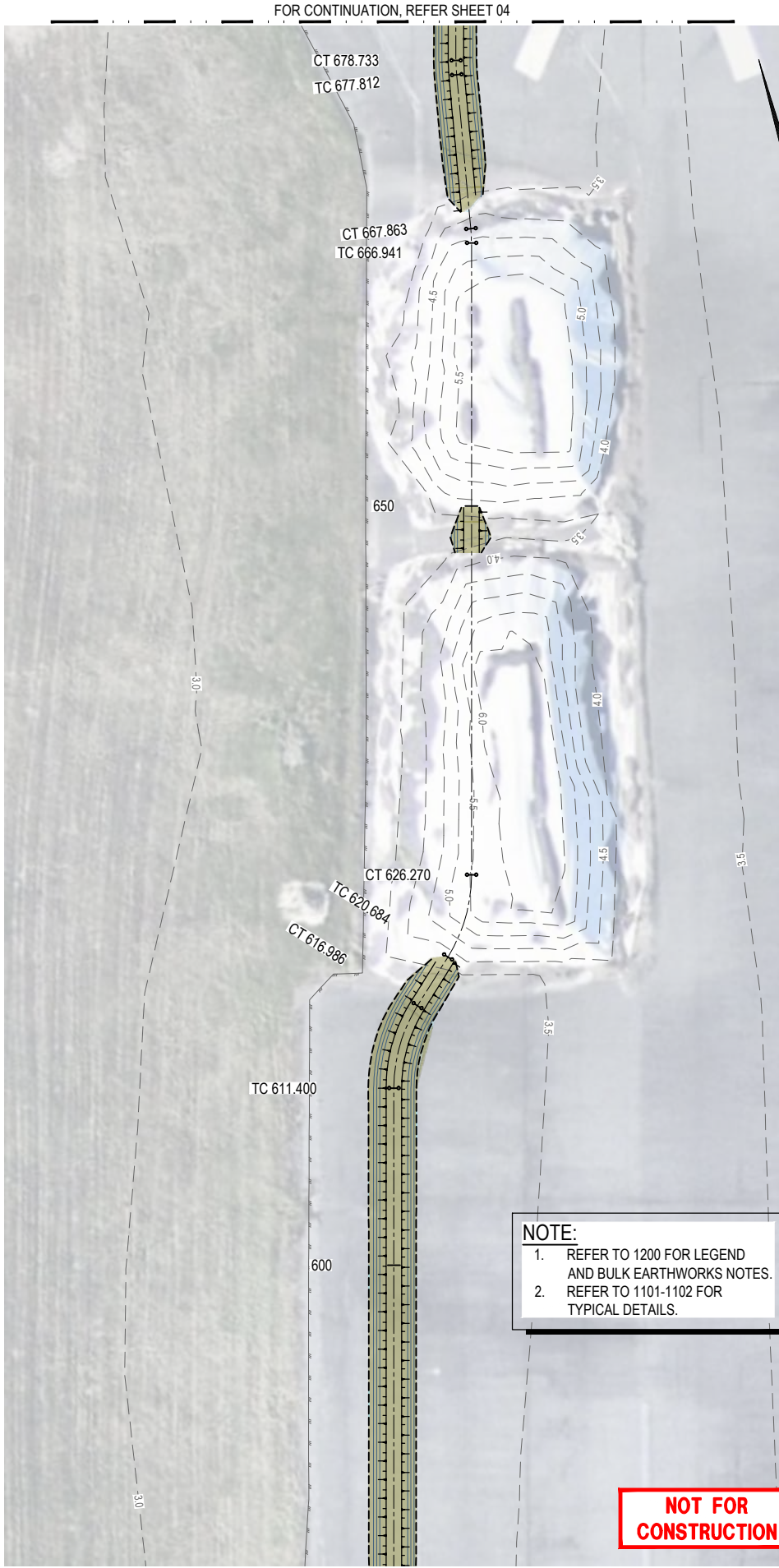
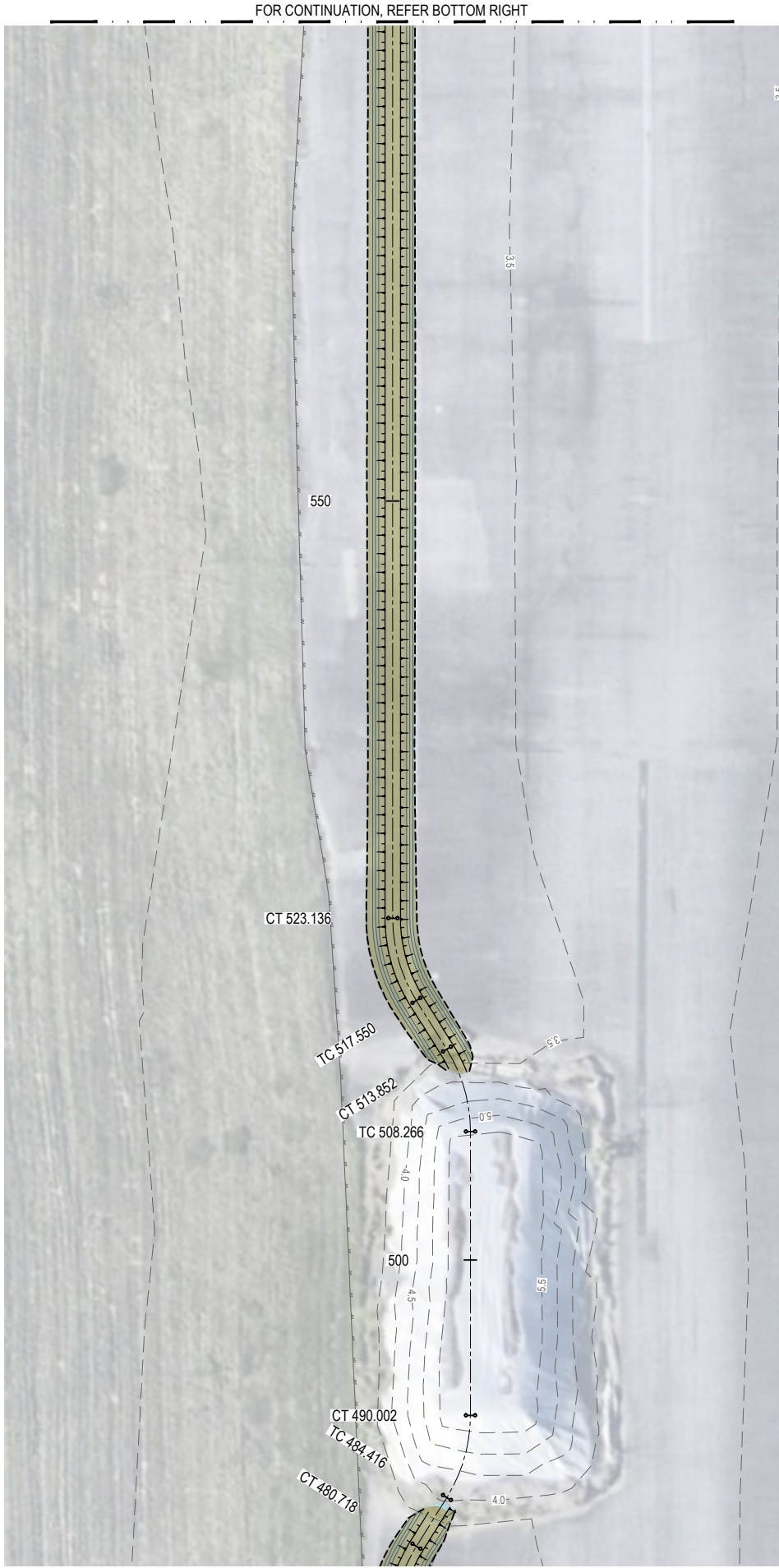
PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE

BULK EARTHWORKS
PLAN
SHEET 2 OF 7

PROJECT No. 25-1006729_FM DRAWING No. 1202 REVISION B



NOTE:

1. REFER TO 1200 FOR LEGEND AND BULK EARTHWORKS NOTES.
2. REFER TO 1101-1102 FOR TYPICAL DETAILS.

NOT FOR CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
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	CH	HSL	AA	RA	16.06.26	
	B	AA	HSL	AA	RA	24.07.26
						ISSUED FOR INFORMATION
						ISSUED FOR APPROVAL

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
1:200	2 0 2 4 6 8 10m A1
1:400	2 0 2 4 6 8 10m A3


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CLIENT



PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

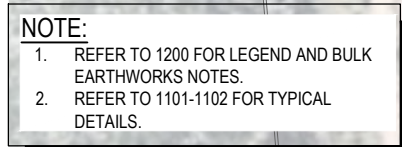
DRAWING TITLE

BULK EARTHWORKS
PLAN
SHEET 3 OF 7

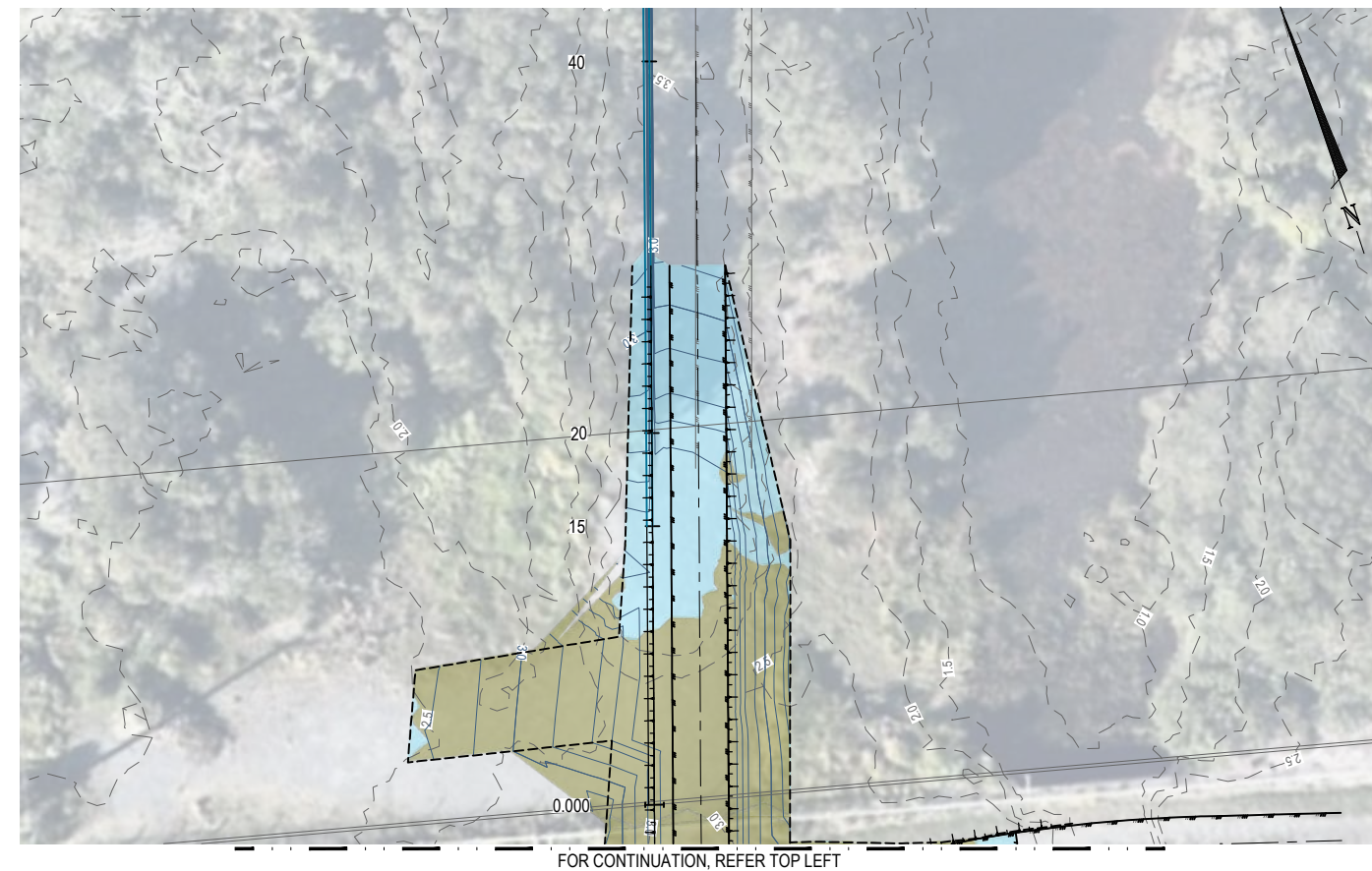
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25-1006729_FM	1203	B



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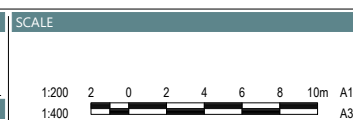


**NOT FOR
CONSTRUCTION**



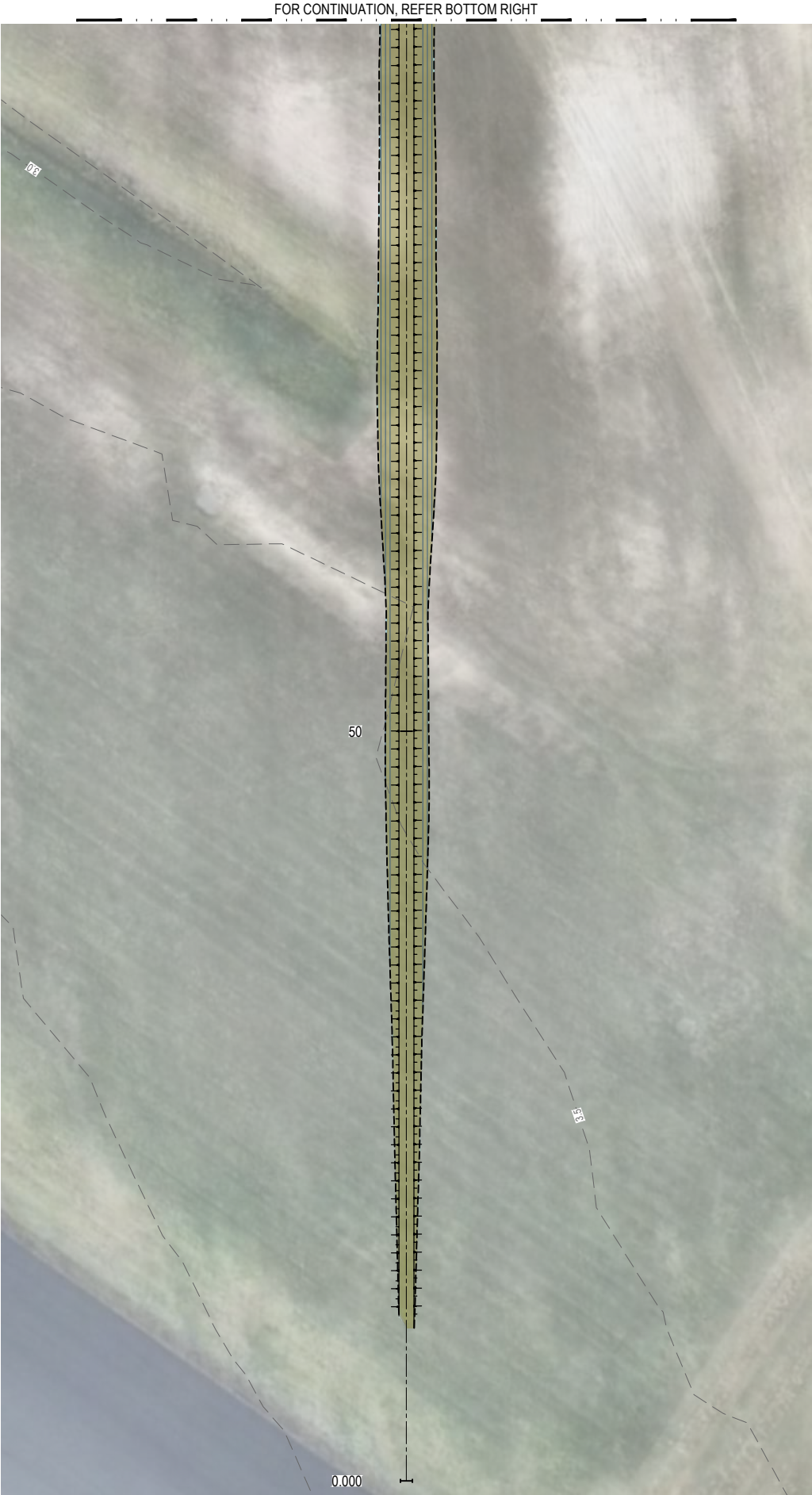
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	B	CH	HSL	AA	RA	16.06.26	ISSUED FOR APPROVAL
	C	AA	HSL	AA	RA	24.07.26	

STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26



SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
BULK EARTHWORKS PLAN SHEET 5 OF 7		
PROJECT No.	DRAWING No.	REVISION
25-1006729 FM	1205	B



LEGEND:

- PROPOSED EARTHWORKS BATTER
- PROPOSED EARTHEN BUND CENTERLINE
- PROPOSED EDGE OF PAVEMENT
- ACCESS TRACK CENTERLINE
- EXISTING EDGE OF PAVEMENT
- PROPOSED DESIGN CONTOURS (0.5m)
- EXISTING CONTOURS (0.5m)
- PRECINCT BOUNDARY
- EXISTING LOT BOUNDARY
- AREA OF CUT
- AREA OF FILL

NOTE:

- REFER TO 1200 FOR BULK EARTHWORKS NOTES AND CUT & FILL EARTHEN BUND VOLUMES.

NOT FOR
CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
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A	AA	HSL	AA	RA	24.07.26	ISSUED FOR APPROVAL

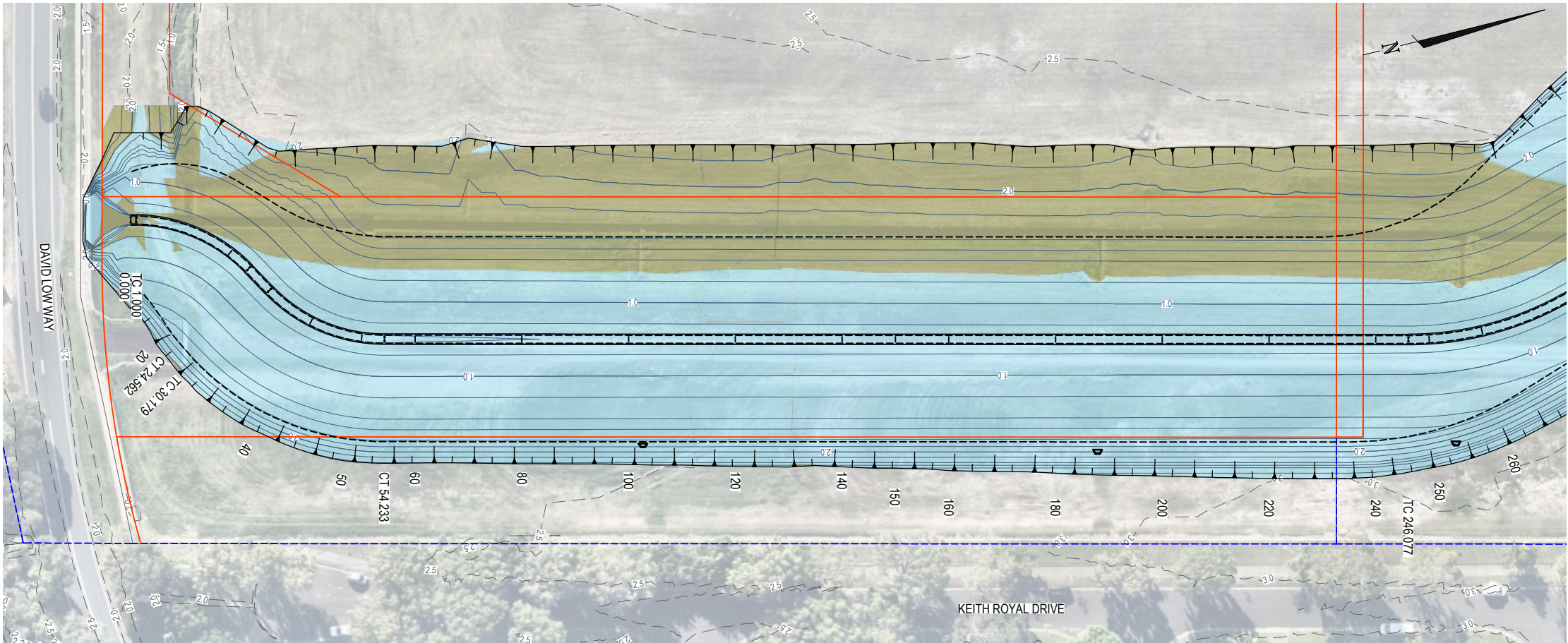
STATUS	
FOR APPROVAL	
APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 24.07.26

SCALE	
1:200	2 0 2 4 6 8 10m A1
1:400	A3



CLIENT	PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION	

DRAWING TITLE		
BULK EARTHWORKS PLAN SHEET 6 OF 7		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1206	A



- LEGEND:**
- PROPOSED EARTHWORKS BATTER
 - PROPOSED EARTHEN BUND CENTERLINE
 - PROPOSED EDGE OF PAVEMENT
 - ACCESS TRACK CENTERLINE
 - EXISTING EDGE OF PAVEMENT
 - PROPOSED DESIGN CONTOURS (0.5m)
 - EXISTING CONTOURS (0.5m)
 - PRECINCT BOUNDARY
 - EXISTING LOT BOUNDARY
 - AREA OF CUT
 - AREA OF FILL

NOTE:
AN AVERAGE TOPSOIL STRIP DEPTH OF 100 MM HAS BEEN ASSUMED.
QUANTITIES ARE TAKEN DIRECTLY FROM THE 12D MODEL.
NO ALLOWANCE FOR BULKING FACTORS HAS BEEN APPLIED.

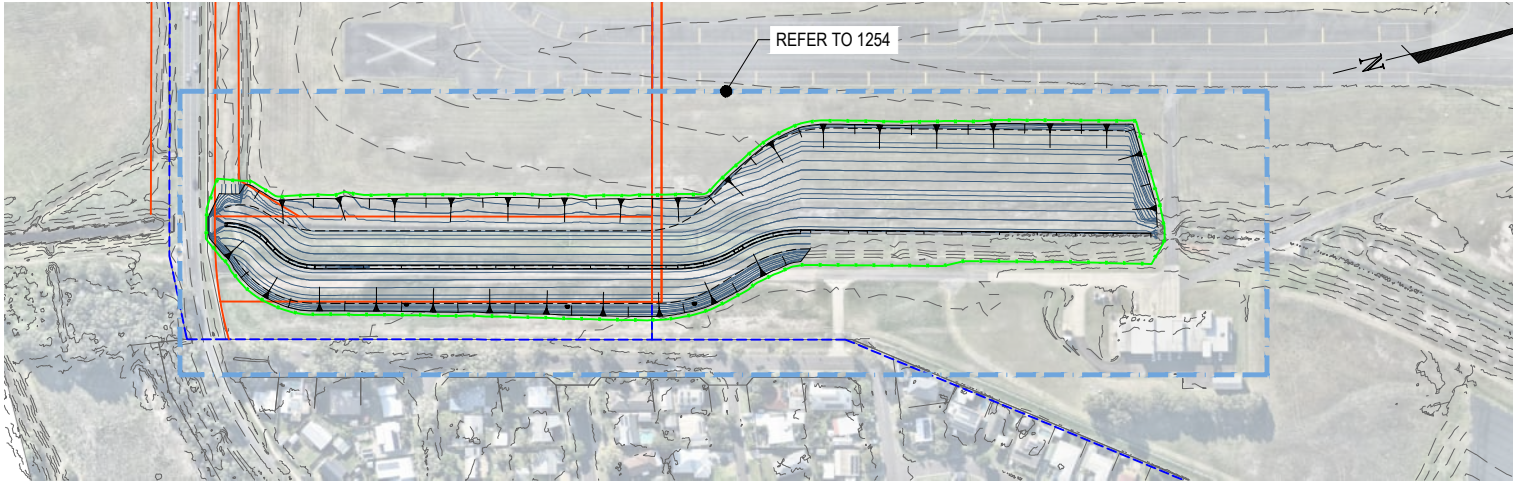
**EASTERN PERIMETER DRAIN
EARTHWORKS VOLUMES**
CUT (-) = 21,362m³
FILL (+) = 4,554m³
STOCKPILE ON GATEWAY (-) = 16,808m³

**NOT FOR
CONSTRUCTION**

BULK EARTHWORKS NOTES

- NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE CROSS SECTIONS, THE ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
- CONTRACTOR TO LIAISE WITH ALL RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
- THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCING THE DEMOLITION OF ANY EXISTING STRUCTURES WITHIN THE SITE AREA.
- ALL DRAINAGE STRUCTURES TO BE PRESERVED FROM THE EFFECTS OF STRUCTURAL LOADING GENERATED BY THE EARTHWORKS.
- ALL EXCAVATION AND FILLING SHALL BE COMPACTED TO THE REQUIREMENTS OF AS3798-2007 IN ACCORDANCE WITH THE LOCAL AUTHORITY REQUIREMENTS. LEVEL 1 SUPERVISION IS REQUIRED.

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS		STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE	
A	CH	HSL	AA	RA	14.04.26			FOR APPROVAL		1:500 1:1000		egis		SUNSHINE COAST AIRPORT		BULK EARTHWORKS PLAN	
B	CH	HSL	AA	RA	16.06.26	ISSUED FOR INFORMATION		APPROVED		10 5 0 10 20m A1		Sunshine Coast Airport		FLOOD MITIGATION		SHEET 7 OF 7	
	B	AA	HSL	AA	24.07.26	ISSUED FOR APPROVAL		BY: RYAN ASHWORTH NO: 19674		1:1000		www.egis-group.com				PROJECT No. 25-1006729_FM	
								SIGN: Ryan Ashworth DATE: 24.07.26								DRAWING No. 1207	
																REVISION B	



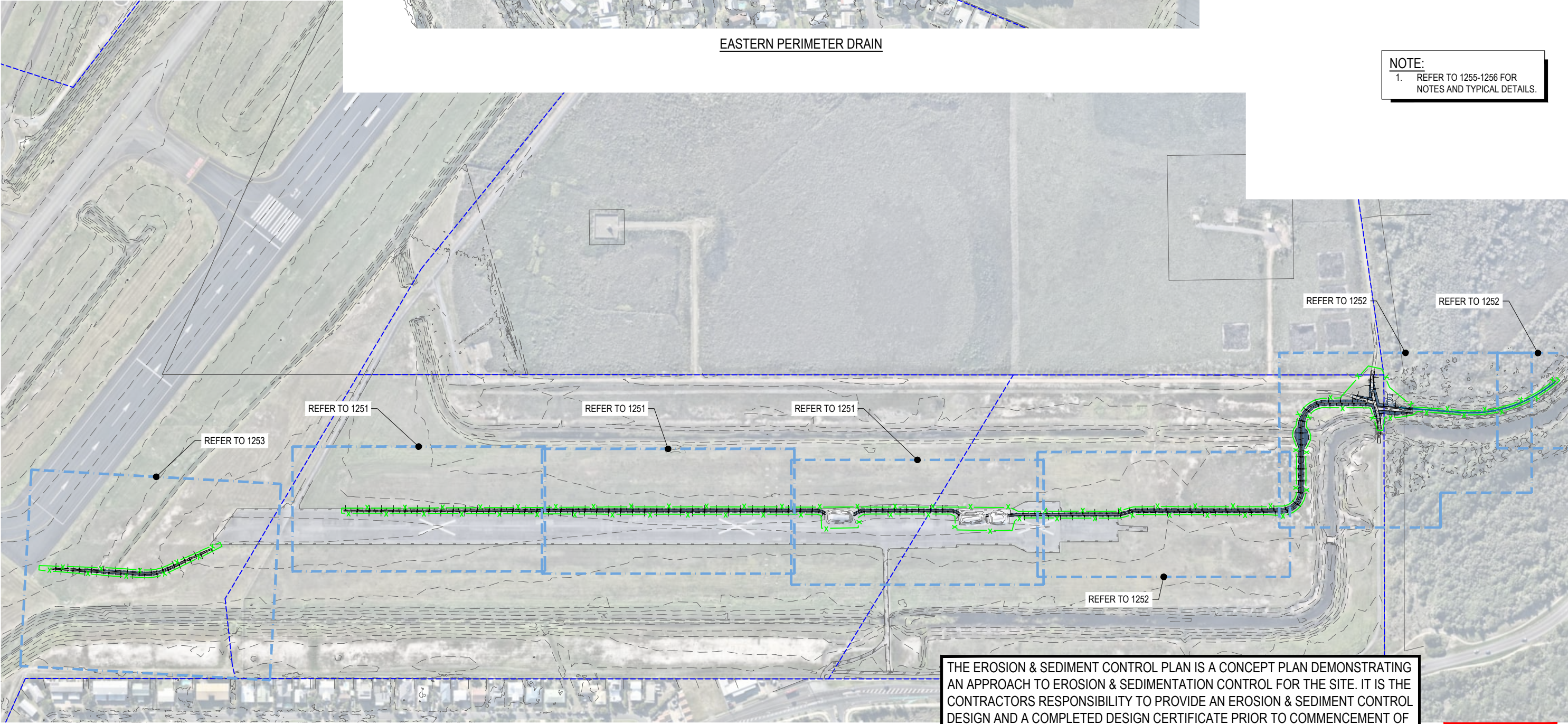
EASTERN PERIMETER DRAIN

LEGEND:

- PROPOSED EARTHWORKS BATTER
- PROPOSED EARTHEN BUND CENTERLINE
- PROPOSED EDGE OF PAVEMENT
- ACCESS TRACK CENTERLINE
- EXISTING EDGE OF PAVEMENT
- PROPOSED DESIGN CONTOURS (0.5m)
- EXISTING CONTOURS (0.5m)
- PRECINCT BOUNDARY
- EXISTING LOT BOUNDARY
- SEDIMENT FENCE (OR AS DIRECTED BY SITE SUPERINTENDENT)

NOTE:

- REFER TO 1255-1256 FOR NOTES AND TYPICAL DETAILS.



EARTHERN BUND

THE EROSION & SEDIMENT CONTROL PLAN IS A CONCEPT PLAN DEMONSTRATING AN APPROACH TO EROSION & SEDIMENTATION CONTROL FOR THE SITE. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE AN EROSION & SEDIMENT CONTROL DESIGN AND A COMPLETED DESIGN CERTIFICATE PRIOR TO COMMENCEMENT OF WORK. CERTIFICATION MUST BE UNDERTAKEN BY A SUITABLY QUALIFIED, EXPERIENCED PROFESSIONAL NOT DIRECTLY EMPLOYED BY THE PRINCIPAL.

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INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
ISSUE	CH	HSL	AA	RA	14.04.26	
A	AA	HSL	AA	RA	30.07.26	ISSUED FOR APPROVAL

STATUS	
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APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 30.07.26

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SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE		
CONCEPTUAL EROSION AND SEDIMENT EROSION CONTROL OVERALL PLAN		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1250	A

FOR CONTINUATION, REFER MIDDLE RIGHT



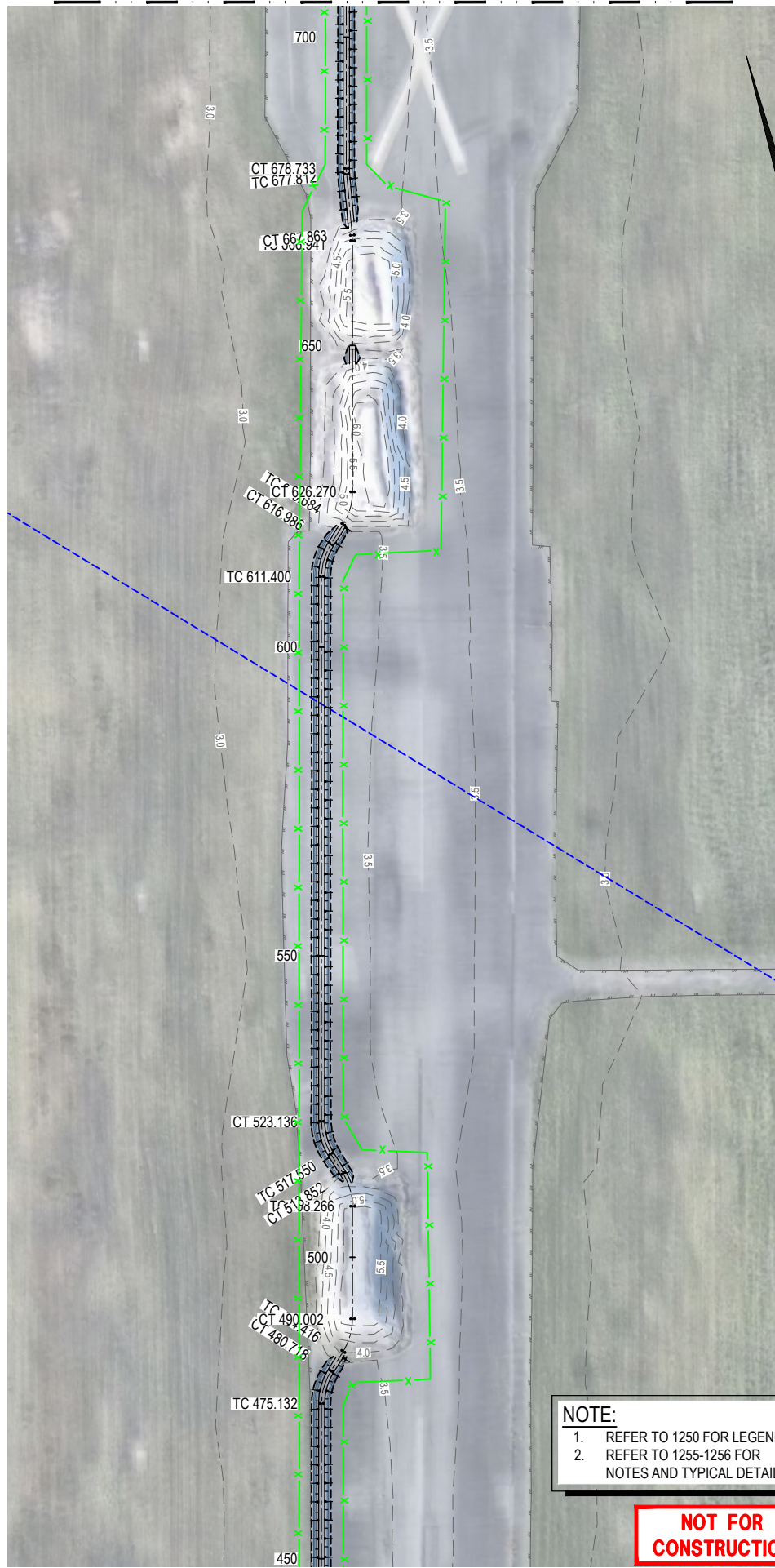
THE EROSION & SEDIMENT CONTROL PLAN IS A CONCEPT PLAN DEMONSTRATING AN APPROACH TO EROSION & SEDIMENTATION CONTROL FOR THE SITE. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE AN EROSION & SEDIMENT CONTROL DESIGN AND A COMPLETED DESIGN CERTIFICATE PRIOR TO COMMENCEMENT OF WORK. CERTIFICATION MUST BE UNDERTAKEN BY A SUITABLY QUALIFIED, EXPERIENCED PROFESSIONAL NOT DIRECTLY EMPLOYED BY THE PRINCIPAL.

FOR CONTINUATION, REFER BOTTOM RIGHT



FOR CONTINUATION, REFER TOP LEFT

FOR CONTINUATION, REFER SHEET 02



NOTE:
1. REFER TO 1250 FOR LEGEND
2. REFER TO 1255-1256 FOR NOTES AND TYPICAL DETAILS.

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FOR CONTINUATION, REFER MIDDLE LEFT

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CH	HSL	AA	RA	14.04.26		
AA	HSL	AA	RA	30.07.26	ISSUED FOR APPROVAL	

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BY: RYAN ASHWORTH NO: 19674
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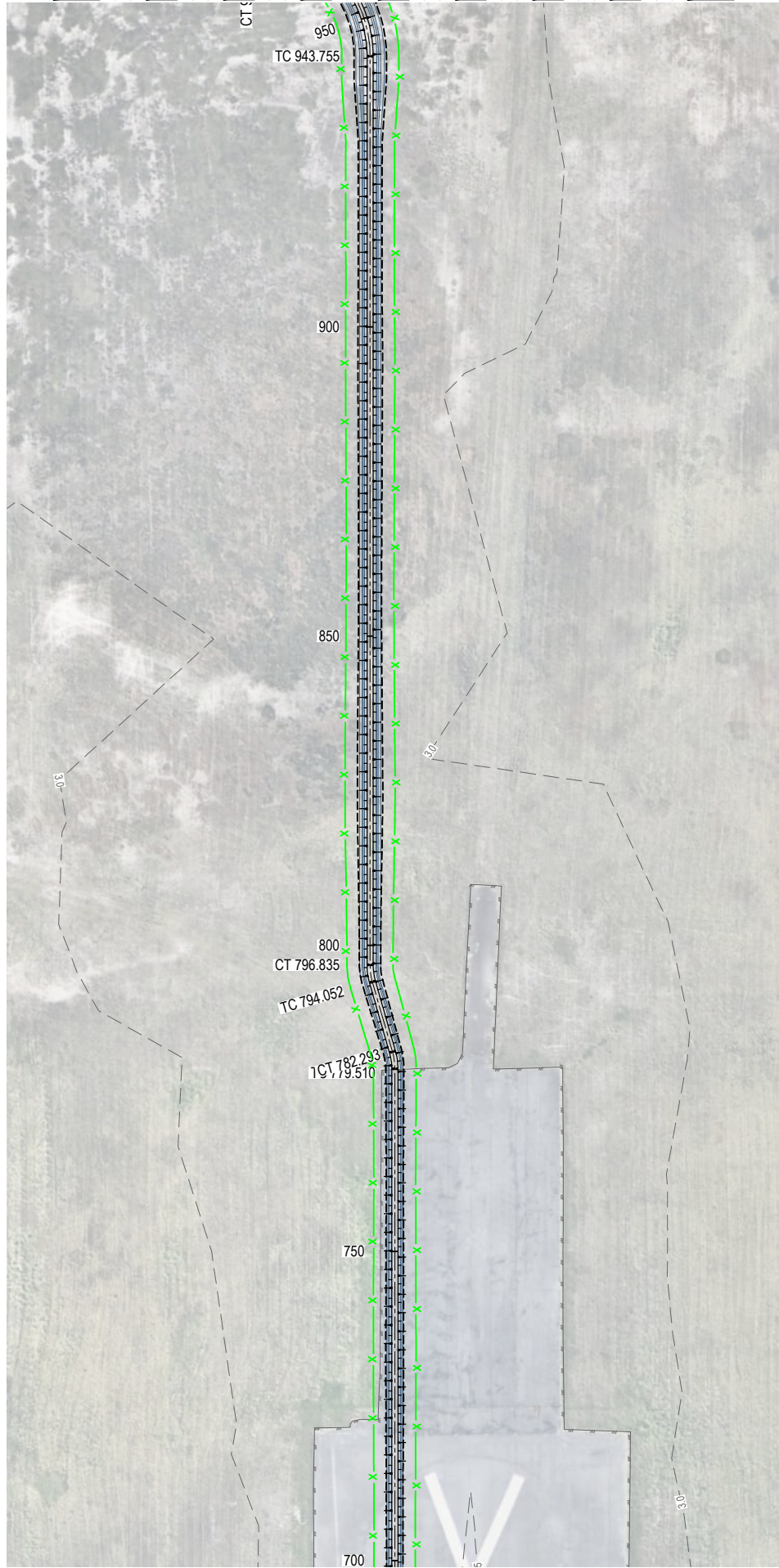
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PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

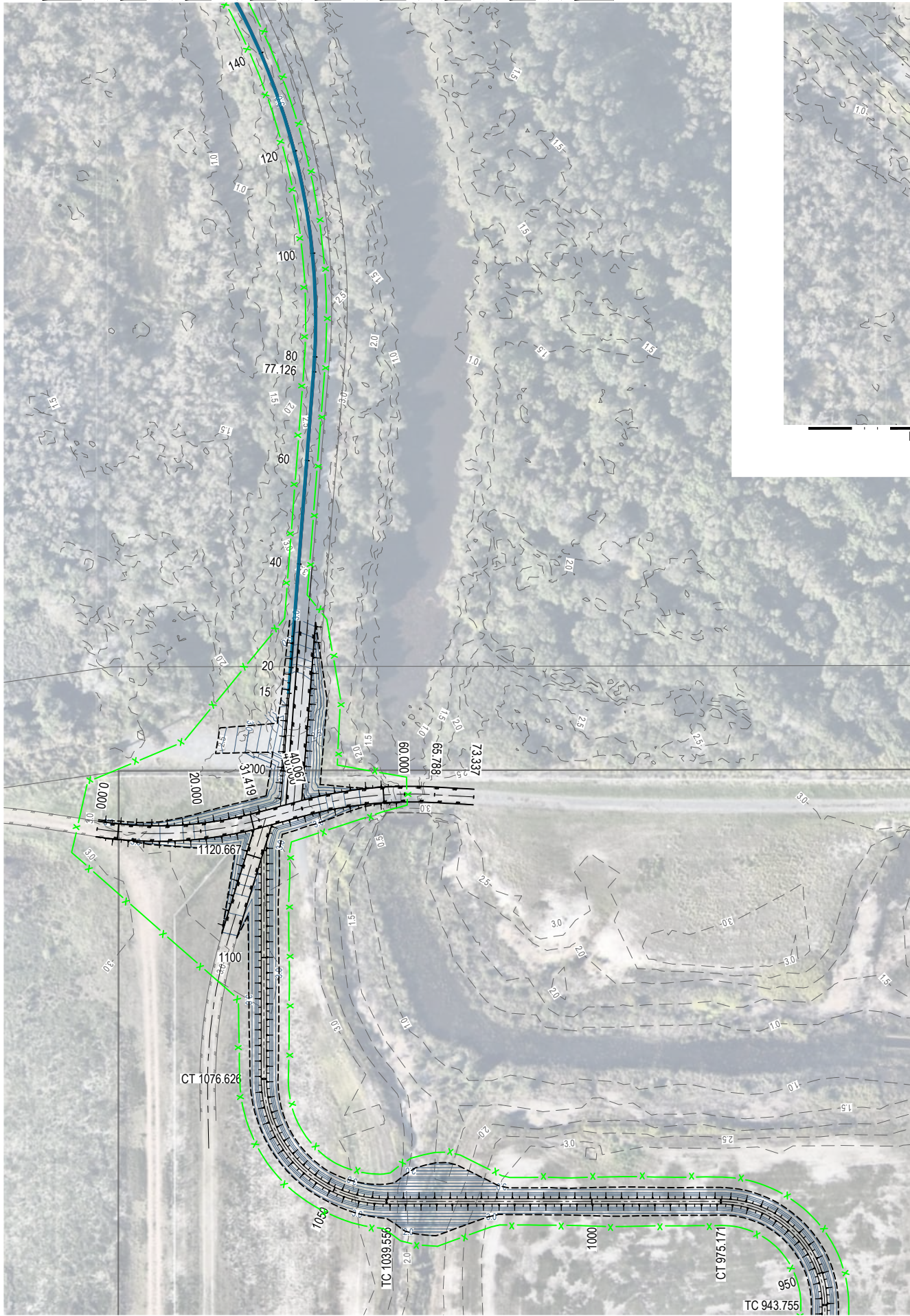
DRAWING TITLE
CONCEPTUAL EROSION AND SEDIMENT EROSION CONTROL SHEET 1 OF 4
PROJECT No. 25-1006729_FM 1251
DRAWING No. 1251
REVISION A

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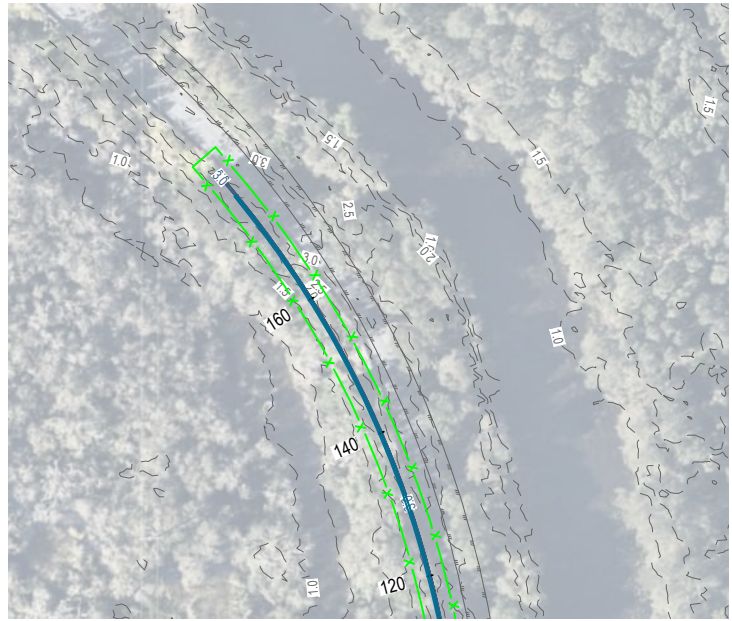


FOR CONTINUATION, REFER SHEET 01

FOR CONTINUATION, REFER RIGHT



FOR CONTINUATION, REFER TOP LEFT





- LEGEND:**
- PROPOSED EARTHWORKS BATTER
 - PROPOSED EARTHEN BUND CENTERLINE
 - PROPOSED EDGE OF PAVEMENT
 - ACCESS TRACK CENTERLINE
 - EXISTING EDGE OF PAVEMENT
 - PROPOSED DESIGN CONTOURS (0.5m)
 - EXISTING CONTOURS (0.5m)
 - PRECINCT BOUNDARY
 - EXISTING LOT BOUNDARY
 - SEDIMENT FENCE (OR AS DIRECTED BY SITE SUPERINTENDENT)

- NOTE:**
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 - REFER TO 1255-1256 FOR NOTES AND TYPICAL DETAILS.

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CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
	CH	HSL	AA	RA	14.04.26	
A	AA	HSL	AA	RA	30.07.26	ISSUED FOR APPROVAL

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 30.07.26

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 Sunshine Coast Airport

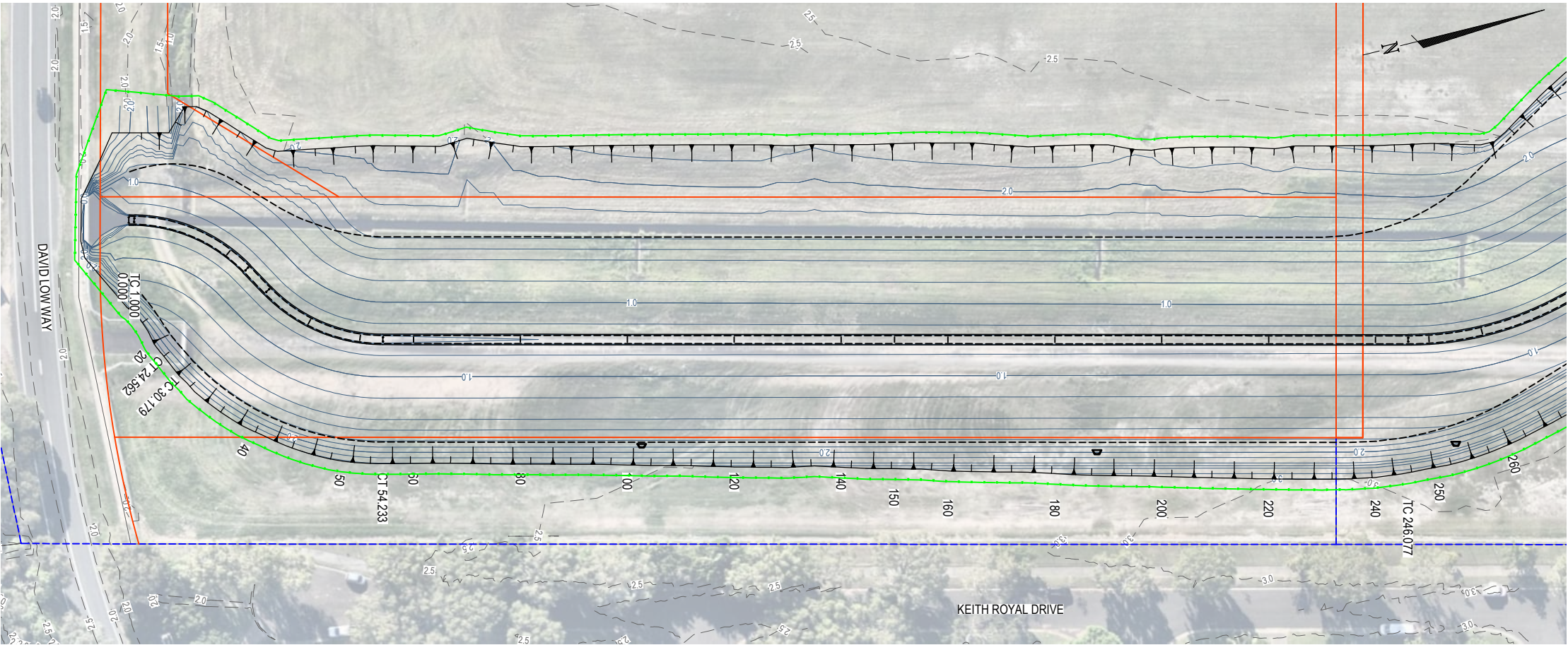
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SUNSHINE COAST AIRPORT FLOOD MITIGATION

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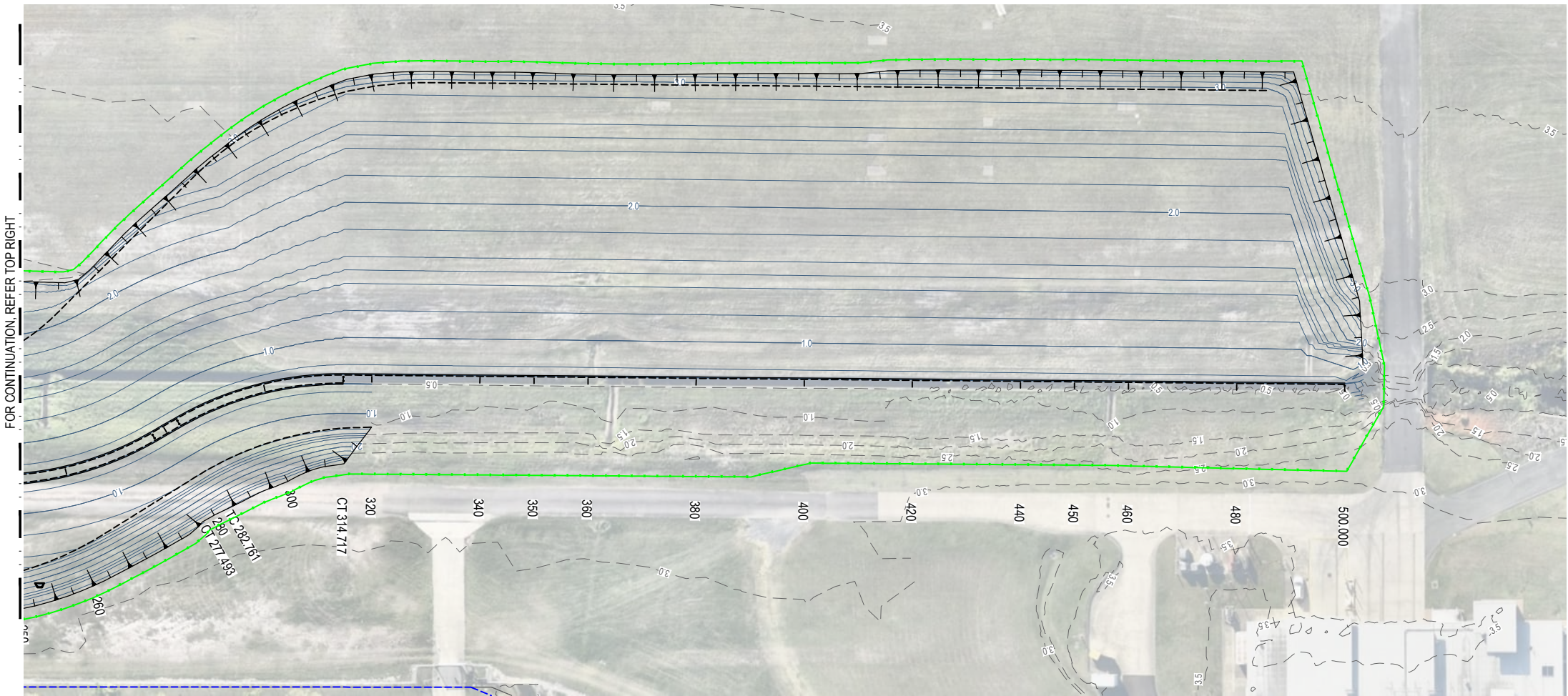
CONCEPTUAL EROSION AND SEDIMENT EROSION CONTROL SHEET 3 OF 4

PROJECT No. 25-1006729_FM DRAWING No. 1253 REVISION A



- LEGEND:**
- PROPOSED EARTHWORKS BATTER
 - PROPOSED EARTHEN BUND CENTERLINE
 - PROPOSED EDGE OF PAVEMENT
 - ACCESS TRACK CENTERLINE
 - EXISTING EDGE OF PAVEMENT
 - PROPOSED DESIGN CONTOURS (0.5m)
 - EXISTING CONTOURS (0.5m)
 - PRECINCT BOUNDARY
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NOTE:
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APPROVED	
BY: RYAN ASHWORTH	NO: 19674
SIGN: <i>Ryan Ashworth</i>	DATE: 30.07.26

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SUNSHINE COAST AIRPORT	FLOOD MITIGATION

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CONCEPTUAL EROSION AND SEDIMENT EROSION CONTROL SHEET 4 OF 4		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1254	A

GENERAL NOTES

1.

THIS DESIGN FOR EROSION AND SEDIMENT CONTROL IS CONCEPTUAL ONLY. THE CONTRACTOR SHALL MODIFY OR INSTALL ADDITIONAL/ ALTERNATIVE MEASURES DURING THE CONSTRUCTION AND MAINTENANCE PERIOD IN ORDER TO COMPLY WITH BEST PRACTICE STANDARDS IN ACCORDANCE WITH BUT NOT LIMITED TO EGIS CONSULTING'S SPECIFICATION 17 , THE MANUAL FOR EROSION AND SEDIMENT CONTROL (V1.2) AND ALL STATUTORY REQUIREMENTS.
2.

PREScribed WATER CONTAMINANTS (AS DEFINED IN THE ENVIRONMENTAL PROTECTION ACT 1994) MUST NOT BE RELEASED FROM THE SITE, OR BE LIKELY TO BE RELEASED SHOULD RAINFALL OCCUR, UNLESS ALL REASONABLE AND PRACTICABLE MEASURES ARE TAKEN TO PREVENT OR MINIMISE THE RELEASE AND CONCENTRATION OF CONTAMINATION. THESE MEASURES MUST INCLUDE AS A MINIMUM, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A.

ENSURE NON ESSENTIAL EXPOSURE OF SOIL IS PREVENTED BY: RESTRICTING THE EXTENT OF CLEARING TO THAT NECESSARY FOR ACCESS TO, AND SAFE CONSTRUCTION OF, THE APPROVED WORKS; PROTECTING VEGETATION IN ALL OTHER AREAS OF THE SITE; AND BY MINIMISING THE DURATION OF SOIL EXPOSURE BY:
 - STAGING THE WORKS TO MINIMISE THE AREA OF SOIL EXPOSED AT ANY ONE TIME;
 - EFFECTIVELY STABILISING CLEARED AREAS PRIOR TO RAINFALL IF WORKS ARE DELAYED OR WORKS ARE NOT INTENDED TO OCCUR IMMEDIATELY. SEE E&SC ADVICE NOTE 1;
 - EFFECTIVELY STABILISING AREAS AT FINISHED LEVEL WITHOUT DELAY AND PRIOR TO RAINFALL; AND
 - EFFECTIVELY STABILISING STEEP AREAS, SUCH AS STOCKPILES, BATTERS AND EMBANKMENTS, WHICH ARE NOT BEING ACTIVELY WORKED AND PRIOR TO RAINFALL.

B.

WHERE IT IS NOT FEASIBLE TO EFFECTIVELY STABILISE CLEARED AREAS OF EXPOSED SOIL, SUCH AS AREAS BEING ACTIVELY WORKED, IMPLEMENT A FULL SUITE OF EROSION AND SEDIMENT CONTROLS TO MAXIMISE SEDIMENT CAPTURE IN THOSE AREAS AND TO MINIMISE EROSION SUCH THAT EROSION BY ALL FORMS OTHER THAN SPLASH (RAINDROP IMPACT) EROSION AND SHEET EROSION DOES NOT OCCUR; AND

C.

IN AREAS OF EXPOSED SOIL WHERE IT IS NOT FEASIBLE TO EITHER EFFECTIVELY STABILISE THE SURFACE OR IMPLEMENT A FULL SUITE OF EROSION AND SEDIMENT CONTROLS, FOR EXAMPLE IN THE AREAS BEING ACTIVELY WORKED AND WHERE THE IMPLEMENTATION OF SOME EROSION AND SEDIMENT CONTROLS WOULD IMPEDE CONSTRUCTION ACTIVITIES, ENSURE CONTINGENCY MEASURES ARE AVAILABLE ON SITE AND ARE IMPLEMENTED, PRIOR TO RAIN, TO MAXIMISE SEDIMENT CAPTURE AND TO MINIMISE EROSION SUCH THAT EROSION BY ALL FORMS OTHER THAN SPLASH (RAINDROP IMPACT) EROSION AND SHEET EROSION DOES NOT OCCUR

D.

EFFECTIVELY STABILISE ALL STOCKPILES, BATTERS AND EMBANKMENTS WITHOUT DELAY. WHERE IT IS NOT FEASIBLE TO EFFECTIVELY STABILISE A STOCKPILE, BATTER OR EMBANKMENT, SUCH AS AREAS BEING ACTIVELY WORKED, ENSURE THAT SEDIMENT CONTROLS ARE INSTALLED AND SURFACE STORMWATER FLOWS ARE MANAGED SUCH THAT EROSION OF STOCKPILES, BATTERS OR EMBANKMENTS IS NOT CAUSED BY CONCENTRATED STORMWATER FLOWS.

E.

ENSURE CLEAN STORMWATER IS DIVERTED OR MANAGED AROUND OR THROUGH THE SITE WITHOUT INCREASING THE CONCENTRATION OF TOTAL SUSPENDED SOLIDS OR OTHER CONTAMINANTS IN THE FLOW AND WITHOUT CAUSING EROSION (ON SITE OR OFF SITE). IF IT IS NOT FEASIBLE TO DIVERT ALL AREAS DISCHARGING CLEAN STORMWATER AROUND OR THROUGH THE SITE, MANAGE THE CLEAN STORMWATER RUNOFF AS FOR CONTAMINATED STORMWATER RUNOFF, AND ENSURE THAT SEDIMENT BASINS ARE SIZED TO ACCOMMODATE THE ADDITIONAL VOLUME OF RUNOFF (SEE E&SC ADVICE NOTE 2).

F.

ENSURE SHEET FLOWS OF STORMWATER ARE MANAGED SUCH THAT SHEET AND RILL EROSION IS PREVENTED OR MINIMISED.

G.

ENSURE THAT ALL CONCENTRATED STORMWATER FLOWS INCLUDING DRAINAGE LINES, DIVERSION DRAINS, CHANNELS AND BATTER CHUTES ARE MANAGED ONTO, THROUGH, AND AT RELEASE POINTS FROM THE SITE IN ALL RAIN EVENTS UP TO AND INCLUDING THE AVERAGE RECURRENCE INTERVAL (ARI) EVENT OF 1 IN 2 YEAR ARI WITHOUT CAUSING WATER CONTAMINATION, SHEET, RILL OR GULLY EROSION, SEDIMENTATION, OR DAMAGE TO STRUCTURES OR PROPERTY

H.

ENSURE MEASURES HAVE BEEN IMPLEMENTED SUCH THAT THE RUNOFF FROM ALL DISTURBED AREAS FLOWS TO A SEDIMENT BASIN OR BASINS. WHERE IT IS NOT FEASIBLE TO DIVERT RUNOFF FROM DISTURBED AREAS OF THE SITE TO A SEDIMENT BASIN, IMPLEMENT COMPENSATORY EROSION AND DRAINAGE CONTROLS PRIOR TO RAINFALL TO ENSURE THAT EROSION OF THOSE AREAS DOES NOT OCCUR, INCLUDING EROSION CAUSED BY EITHER SPLASH (RAINDROP IMPACT), SHEET, RILL OR GULLY EROSION PROCESSES (SEE E&SC ADVICE NOTE 3).

I.

ENSURE EACH SEDIMENT BASIN HAS THE CAPACITY TO TREAT FLOWS TO CURRENT BEST PRACTICE STANDARDS (SEE E&SC ADVICE NOTE 4) AND AS A MINIMUM TO CONTAIN ALL THE STORMWATER RUNOFF FROM THE 80TH PERCENTILE 5 DAY RAINFALL DEPTH AND STORE 2 MONTHS SEDIMENT FROM THE RECEIVING CATCHMENT, AS DETERMINED USING THE REVISED UNIVERSAL SOIL LOSS EQUATION.
- J.

ENSURE SEDIMENT BASINS ARE MAINTAINED WITH SUFFICIENT STORAGE CAPACITY TO CAPTURE AND TREAT THE RUNOFF FOR THE DESIGN RAINFALL DEPTH OR EVENT. WHERE SEDIMENT BASINS ARE PROPOSED TO BE OVERSIZED FOR STORAGE OF CAPTURED WATER FOR RE-USE, INSTALL SURVEY MARKERS IN EACH SUCH BASIN TO INDICATE THE LEVEL THAT WATER WITHIN THE BASIN MUST BE LOWERED TO, IN ORDER TO MEET THE STORAGE CAPACITY SPECIFIED IN THE ABOVE REQUIREMENT.
- K.

ENSURE SEDIMENT BASINS ARE DEWATERED AS SOON AS PRACTICABLE AFTER EACH RAINFALL EVENT.
- L.

ENSURE THAT DURING DEWATERING, THE CONCENTRATION OF TOTAL SUSPENDED SOLIDS (TSS) DISCHARGED DOES NOT EXCEED 50MG/L AND THAT PH IS WITHIN THE RANGE OF 6.5-8.5. THE CONCENTRATION OF TSS RELEASED BY DEWATERING MAY ONLY EXCEED 50MG/L WHERE IT CAN BE DEMONSTRATED AND SUPPORTED THROUGH DOCUMENTATION THAT:
 - FURTHER SIGNIFICANT RAINFALL IS FORECAST TO OCCUR BEFORE THE TSS CONCENTRATION IS LIKELY TO BE REDUCED TO 50MG/L ; AND
 - RELEASING A HIGHER CONCENTRATION OF TOTAL SUSPENDED SOLID WILL RESULT IN A BETTER ENVIRONMENTAL OUTCOME BY PROVIDING STORAGE FOR THE CAPTURE AND TREATMENT OF RUNOFF FROM THE IMMINENT RAINFALL AND RUNOFF; AND
 - FLOCCULENT HAS BEEN APPLIED AND THE CONCENTRATION OF TSS IN THE CAPTURED WATER HAS ALREADY SIGNIFICANTLY DECREASED.
- M.

ENSURE SEDIMENT BASINS AND ASSOCIATED STRUCTURES SUCH AS INLETS, OUTLETS AND SPILLWAYS ARE STRUCTURALLY SOUND FOR 10 YEAR ARI RAINFALL EVENT.
- N.

ENSURE ACCUMULATED SEDIMENT FROM BASINS AND OTHER CONTROLS IS REMOVED AND DISPOSED OF APPROPRIATELY WITHOUT CAUSING WATER CONTAMINATION.
- O.

ENSURE SEDIMENT DOES NOT LEAVE THE SITE ON THE TYRES OF VEHICLES.
3.

THE ENVIRONMENTAL PROTECTION ACT 1994 STATES THAT A PERSON MUST NOT CARRY OUT ANY ACTIVITY THAT CAUSES, OR IS LIKELY TO CAUSE, ENVIRONMENTAL HARM UNLESS THAT PERSON TAKES ALL REASONABLE AND PRACTICAL MEASURES TO PREVENT OR MINIMISE THE HARM. ENVIRONMENTAL HARM INCLUDES ENVIRONMENTAL NUISANCE. IN REGARD PERSONS AND ENTITIES, INVOLVED IN THE CIVIL, EARTHWORKS AND CONSTRUCTION PHASES OF THIS DEVELOPMENT, ARE TO ADHERE TO THEIR 'GENERAL ENVIRONMENTAL DUTY' TO MINIMISE THE RISK OF CAUSING ENVIRONMENTAL HARM.

ENVIRONMENTAL; HARM IS DEFINED BY THE ACT AS ANY ADVERSE AFFECT, OR POTENTIAL ADVERSE AFFECT WHETHER TEMPORARY OR PERMANENT AND OF WHATEVER MAGNITUDE, DURATION OR FREQUENCY ON AN ENVIRONMENTAL VALUE AND INCLUDES ENVIRONMENTAL NUISANCE. THEREFORE, NO PERSON SHOULD CAUSE ANY INTERFERENCE WITH THE ENVIRONMENT OR AMENITY OF THE AREA BY REASON OF THE EMISSION OF NOISE, VIBRATION, SMELL, FUMES, SMOKE, VAPOR, STEAM, SOOT, ASH, DUST, WASTE WATER, WASTE PRODUCTS, GRIT, SEDIMENT, OIL OR OTHERWISE, OR CAUSE HAZARDS LIKELY IN THE OPINION OF THE ADMINISTERING AUTHORITY TO CAUSE UNDUE DISTURBANCE OR ANNOYANCE TO PERSONS OR AFFECT PROPERTY NOT CONNECTED WITH THE USE.

4.

THE CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO CONTROL EROSION AND DOWNSTREAM SEDIMENTATION DURING ALL STAGES OF CONSTRUCTION INCLUDING THE MAINTENANCE PERIOD.

5.

WHERE IT IS REQUIRED TO SLASH EXISTING VEGETATION EITHER PRIOR TO THE COMMENCEMENT OF WORKS, DURING THE CONSTRUCTION WORKS AND / OR DURING THE MAINTENANCE PERIOD, SAID VEGETATION SHALL BE SLASHED TO A MINIMUM HEIGHT OF 75mm TO ASSIST WITH THE RETENTION OF SOILS ON SITE (I.E. ASSIST IN THE PREVENTION OF EROSION).

6.

WHERE THE EXISTING VEGETATION WITHIN THE PROPOSED LOTS AND / OR PARKLAND IS DISTURBED AS A RESULT OF THE CONSTRUCTION WORKS, SAID EARTHWORKS ARE TO BE TOPSOILED AND EFFECTIVELY STABILISED WITHIN FIVE (5) DAYS, (EARLIER IF RAIN EXPECTED) OF FINAL ALLOTMENT EARTHWORKS. AN EFFECTIVELY STABILISED SURFACE IS DEFINED AS ONE THAT DOES NOT HAVE

- VISIBLE EVIDENCE OF SOIL LOSS CAUSED BY SHEET, RILL OR GULLY EROSION OR
- LEAD TO SEDIMENTATION, OR
- LEAD TO WATER CONTAMINATION.

7.

ALL CONSTRUCTION VEHICLES ARE TO ACCESS THE SITE VIA A SINGLE POINT OF ACCESS; THE POINT OF ACCESS, TOGETHER WITH THE MEASURES TO BE IMPLEMENTED, ARE TO BE AGREED WITH COUNCIL'S DESIGNATED REPRESENTATIVE ON SITE. THE PRINCIPLE AIM OF THE MEASURE(S) TO BE IMPLEMENTED IS / ARE TO LIMIT THE TRACKING OF DELETERIOUS MATERIALS ONTO THE SURROUNDING ROAD NETWORK.

8.

THE CONTRACTOR SHALL PROVIDE GULLY INLET PROTECTION TO ALL GULLY INLET STRUCTURES LOCATED, DIRECTLY DOWNSTREAM OF THE PROPOSED DEVELOPMENT WORKS.
9.

APPROPRIATE PROVISIONS ARE TO BE PROVIDED TO THE INTERFACE BETWEEN THE EXISTING ROADWAY PAVEMENTS AND THE NEW ROADWORK'S CONSTRUCTION. THE PROVISIONS SHALL ADDRESS WORKPLACE HEALTH AND SAFETY CONCERNS (I.E. RESTRICTING ACCESS BY THE GENERAL PUBLIC TO THE SITE).
10.

THE LOCATION OF THE CONSTRUCTION VEHICLE COMPOUND, SITE OFFICE AND THE VEHICLE SERVICING AREA SHALL BE AGREED WITH COUNCIL'S DESIGNATED REPRESENTATIVE ON SITE, PRIOR TO THE COMMENCEMENT OF WORKS.
11.

CLEARED VEGETATION IS TO NOT BE BURNED ON SITE, ALL VEGETATIVE WASTE(S) SHALL BE MULCHED AND THEREAFTER RETAINED ON SITE FOR USE AS PART OF THE EROSION AND SEDIMENTATION CONTROL STRATEGY OR THE LANDSCAPING / REVEGETATION WORKS. ALL STUMPS AND / OR OTHER ORGANIC MATTER NOT SUITABLE FOR MULCHING SHALL BE DISPOSED OF AT AN APPROVED WASTE DISPOSAL FACILITY.
12.

SEDIMENT FENCE AND TURFING RUNNING DOWNSLOPES SHALL HAVE REGULAR FLOW DISSIPATERS AT 45° TO SLOPE AS DIRECTED CONSISTING OF SAND BAGS OR SIMILAR AS REQUIRED.
13.

DURING THE CONSTRUCTION PROCESS INCLUDING THAT PERIOD DURING WHICH THE WORKS ARE "ON MAINTENANCE" SHOULD COUNCIL'S DESIGNATED REPRESENTATIVE REQUEST ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES BE IMPLEMENTED, SAID MEASURES SHALL BE IMPLEMENTED AT THE EARLIEST TIME POSSIBLE. NOTWITHSTANDING THE ABOVE REQUIREMENT ANY MEASURES REQUESTED TO BE IMPLEMENTED BY COUNCIL'S DESIGNATED REPRESENTATIVE SHALL BE IMPLEMENTED WITHIN 24 HOURS OF THE TIME OF THE REQUEST.
14.

ALL ROOFWATER / SEWER RETICULATION TRENCHES EITHER ADJACENT TO EXISTING DEVELOPMENT OR PERPENDICULAR TO THE CROSSFALL OF THE LAND ARE TO BE TOPSOILED (75mm MINIMUM) AND TURFED. FOR A MINIMUM 900mm WIDTH.
15.

THE CONTRACTOR SHALL CONSTRUCT LINED CUTOFF DRAINS IN WORK AREAS SO AS TO LIMIT SLOPE LENGTHS TO A MAXIMUM OF 80m.
16.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO RELEASE OR FLOW IS PERMITTED FROM THE SITE, THROUGHOUT THE EARTHWORKS AND CONSTRUCTION PERIOD TO ANY WATER WAYS OR STORMWATER DRAINLINES LEADING TO A WATERWAY OR AREA OF NATIVE VEGETATION UNLESS THE LEVELS OF TOTAL SUSPENDED SOLIDS DOES NOT EXCEED A CONCENTRATION OF 50mg/L.
17.

ALL SEDIMENT CONTROL DEVICES SHALL BE MONITORED, CLEANED AND/OR REPAIRED WHENEVER THE ACCUMULATED SEDIMENT REDUCES THE CAPACITY BY 50%.
18.

ALL PERIMETER BANK/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
19.

AT ALL TIMES THE CONTRACTOR SHALL MONITOR THE PREVAILING WEATHER CONDITIONS AND PROTECT OR STABILISE ANY DOWNSTREAM CONSTRUCTION AND GULLY INLETS.
20.

CLEARING OF SITE AND STOCKPILE AREAS TO BE AS DIRECTED BY THE SUPERINTENDENT.
21.

WHERE PRACTICAL THE CONTRACTOR SHALL DIVERT CLEAN WATER ENTERING THE SITE FROM EXTERNAL CATCHMENT(S) AND DIRECTED TO THE STORMWATER SYSTEM. THIS DISCHARGE POINT SHOULD BE ROCK LINED. REGULAR ROCK CHECK DAMS SHOULD BE POSITIONED ALONG THE VEGETATED DRAINAGE LINE LEADING TO THIS DISCHARGE POINT.
22.

REGULAR INSPECTIONS AND MAINTENANCE OF VEHICLE WASHDOWN AREA, SITE AND STORAGE COMPOUND TO BE CARRIED OUT BY CONTRACTOR.
23.

AREAS USED FOR STORAGE OF CHEMICALS USED FOR CONSTRUCTION PURPOSES SHALL HAVE STORMWATER CONTROL DEVICES ERECTED ADJACENT TO THEM (I.E. EARTH BUND AND SEDIMENT FENCES). UPON COMPLETION OF ROADWORKS WASTE PRODUCTS ARE TO BE DISPOSED OF AS PER LOCAL AUTHORITY GUIDELINES AND TEMPORARY DEVICES ARE TO BE REMOVED AND AREA REHABILITATED.

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AMENDMENT DETAILS

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30.07.26

ISSUED FOR APPROVAL

STATUS

FOR APPROVAL

APPROVED

BY: RYAN ASHWORTH NO: 19674

SIGN: *Ryan Ashworth* DATE: 30.07.26

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PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE

CONCEPTUAL EROSION AND
SEDIMENT EROSION CONTROL
TYPICAL NOTES

PROJECT No.

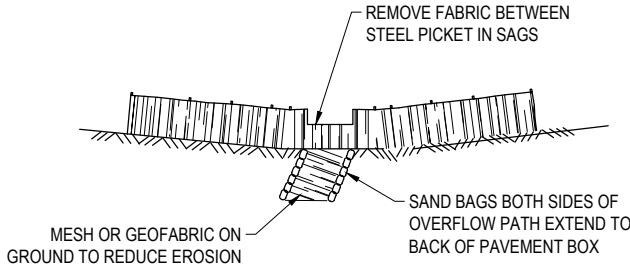
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25-1006729_FM

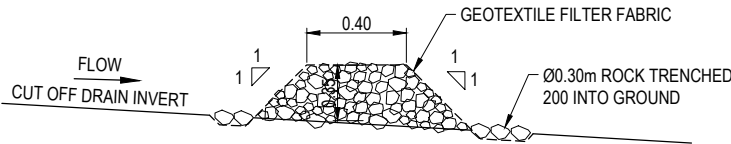
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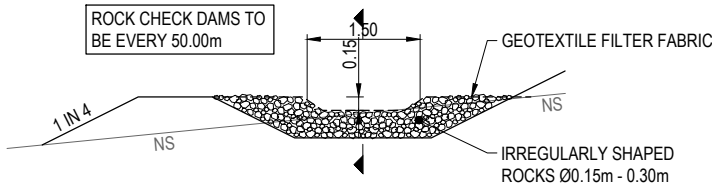
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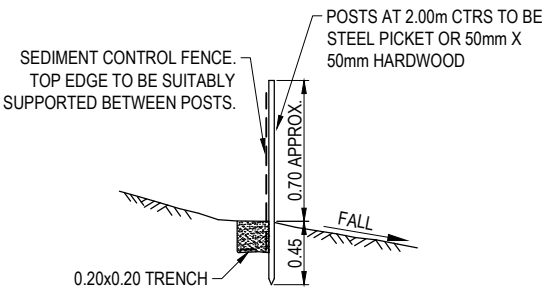
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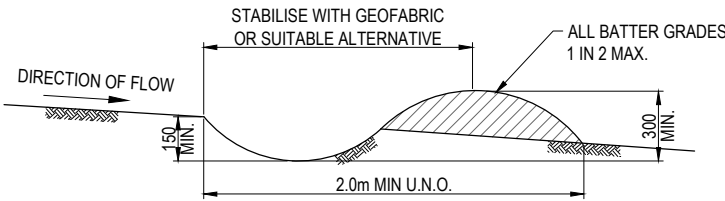
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SEDIMENT FENCE DETAIL

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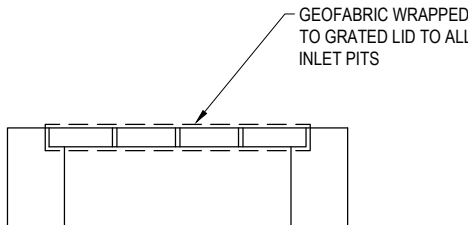
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CUTOFF DRAINS - MAINTENANCE PROGRAM

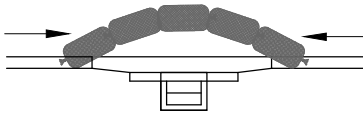
1. INSPECTIONS TO BE CARRIED OUT AFTER EACH RUNOFF EVENT.
2. SEDIMENT BUILD UP TO BE REMOVED DURING CONSTRUCTION AS REQUIRED BY THE SUPERINTENDENT.

NOTE: DRAIN TO BE CIRCULAR PARABOLIC OR TRAPEZOIDAL, V SHAPED IS NOT ACCEPTABLE. GRADIENT BETWEEN 1.0% TO 5.0%



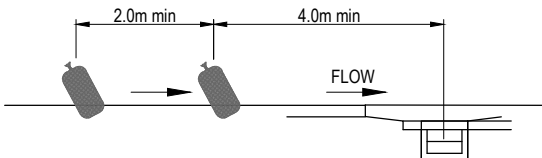
INLET GULLY DETAILS

NOT TO SCALE



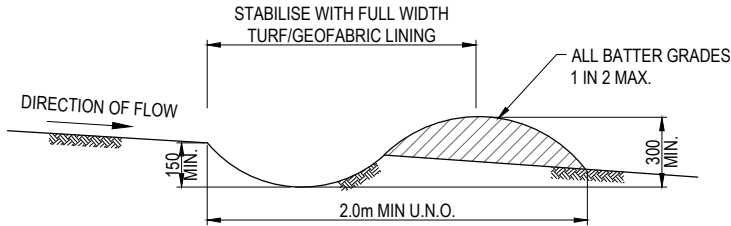
SANDBAG AT SAG GULLIES

TO BE PROVIDED AT ALL SAG GULLIES
NOT TO SCALE



SANDBAG AT GULLIES ON GRADE

TO BE PROVIDED AT ALL ON GRADE GULLIES
NOT TO SCALE



CLEAN WATER CUTOFF DRAIN DETAIL

NOT TO SCALE

CONCEPTUAL SEDIMENT MANAGEMENT PROGRAM PHASE 2

DESCRIPTION OF WORKS

- SEWER/ROOFWATER /STORMWATER /SERVICES
 - EXCAVATED MATERIAL TO BE PLACED ON HIGH SIDE OF TRENCH AND TO PROTECT PIPE WORK AND DIRECT SURFACE MATERIAL AWAY FROM EXCAVATIONS.
 - EFFECTIVELY STABILISE AREAS IN ALLOTMENTS IMMEDIATELY AFTER COMPLETING THE SEWER AND ROOFWATER DRAINAGE CONSTRUCTION.
 - DEPRESS GROUND AROUND TEMPORARY FIELD INLETS TO CREATE SEDIMENT POND.
 - PROVIDE 2.0m TURF STRIPS OVER ROOFWATER AND SEWER TRENCHES.
- STOCKPILE
 - SEDIMENT FENCE TO BE ERECTED 5M FROM TOE OF BATTER ON LOW SIDE OF STOCKPILE.
 - STOCKPILE SITE TO BE CLEAR OF STAGE BOUNDARIES SO AS TO NOT CAUSE A NUISANCE TO ADJOINING PROPERTIES.
 - STOCKPILES NOT INTENDED TO BE WORKED FOR MORE THAN 10 DAYS ARE TO BE EFFECTIVELY STABILISED.
- ROADWORKS
 - SEDIMENT FENCES TO ALLOTMENTS TO BE RE-ERECTED AS REQUIRED.
 - KERB INLET PROTECTION TO BE PROVIDED TO ALL GULLIES.
 - INSTALL FULL WIDTH VERGE (INCLUDING BATTERS) TURFING FOLLOWING KERB AND CHANNEL INSTALLATION.
 - UTILISE UNDERGROUND DRAINAGE SYSTEM AS CONVEYANCE SYSTEM OF DIRTY WATER TO BASINS (WHERE APPROPRIATE) TO AVOID SCOUR OF ROAD BOX PROFILE.
- ALLOTMENTS
 - EFFECTIVELY STABILISE ALLOTMENTS.
 - SEDIMENT FENCES TO ALLOTMENTS TO BE RE-ERECTED.
 - PRIOR TO EFFECTIVE STABILISATION, TOP SOIL TO BE TESTED TO ENSURE SATISFACTORY CONDITIONS EXIST TO ACHIEVE THE REQUIRED EFFECTIVE STABILISATION.
 - CONTRACTOR TO AMELIORATE SOIL WHERE NECESSARY.
 - CUTOFF DRAINS TO LIMIT SLOPE LENGTHS TO LESS THAN 80m TO BE IMPLEMENTED.
- MAINTENANCE
 - THE SEDIMENT FENCES ARE TO BE INSPECTED WEEKLY AND FOLLOWING RAIN FALL EVENTS. ANY REPAIRS REQUIRED ARE TO BE EFFECTED IMMEDIATELY.
 - SEDIMENT AFTER RAIN OR CONSTRUCTION TRAFFIC IS TO BE CLEANED FROM STREETS AND ALLOTMENTS IMMEDIATELY AND CORRECTIVE ACTION TAKEN.

NOTES:

- REFER TO BULK EARTHWORKS DRAWINGS FOR PHASE 1 SEDIMENT AND EROSION DETAILS. 21-000307.1061 SET
- BASIN SIZING FROM BULK EARTHWORKS APPLICATION. BULK EARTHWORKS BASINS ARE TO BE UTILIZED DURING OPERATIONAL WORKS CONSTRUCTION.

THE EROSION & SEDIMENT CONTROL PLAN IS A CONCEPT PLAN DEMONSTRATING AN APPROACH TO EROSION & SEDIMENTATION CONTROL FOR THE SITE. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE AN EROSION & SEDIMENT CONTROL DESIGN AND A COMPLETED DESIGN CERTIFICATE PRIOR TO COMMENCEMENT OF WORK. CERTIFICATION MUST BE UNDERTAKEN BY A SUITABLY QUALIFIED, EXPERIENCED PROFESSIONAL NOT DIRECTLY EMPLOYED BY THE PRINCIPAL.

NOT FOR
CONSTRUCTION

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	STATUS	SCALE	CLIENT	PROJECT	DRAWING TITLE
CH	HSL	AA	RA	21.07.26			FOR APPROVAL	1:500 1:1000	egis	SUNSHINE COAST AIRPORT	CONCEPTUAL EROSION AND SEDIMENT EROSION CONTROL TYPICAL DETAILS
AA	HSL	AA	RA	30.07.26	ISSUED FOR APPROVAL		APPROVED	10 5 0 10 20m A1 1:1000 A3	Sunshine Coast Airport	SUNSHINE COAST AIRPORT FLOOD MITIGATION	PROJECT No. 25-1006729_FM DRAWING No. 1256 REVISION A
							BY: RYAN ASHWORTH NO: 19674				
							SIGN: Ryan Ashworth DATE: 30.07.26				

CONCRETE NOTES

- C1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS.3600 S.A.A. CONCRETE STRUCTURES.
- C2 NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- C3 FORMWORK SHALL BE DESIGNED AND CONSTRUCTED BY THE BUILDER IN ACCORDANCE WITH AS.3610 S.A.A. FORMWORK CODE.
- C4 CONCRETE TESTING SHALL BE IN ACCORDANCE WITH SECTION 20.7 OF AS.3600.
- C5 CONCRETE SLUMP SHALL BE 80 mm UNLESS STATED OTHERWISE.
- C6 THE APPROVED METHOD OF CURING SHALL BE IN PLACE FOR A MINIMUM PERIOD OF 7 DAYS.
- C7 MAXIMUM CONCRETE AGGREGATE SIZE TO BE 20MM UNO.
- C8 CONCRETE CHARACTERISTIC STRENGTH (f_c) SHALL BE AS FOLLOWS UNLESS STATED OTHERWISE:

ELEMENT	EXPOSURE CLASSIFICATION	COVER (mm)	GRADE (MPa)
PRE-CAST WALL	B2	30	50

REINFORCING STEEL

- S1 ABBREVIATIONS FOR STEEL GRADE AND TYPE:-
"R" - STRUCTURAL GRADE 230 PLAIN ROUND BAR TO AS1302
"N" - GRADE D500N TO AS/NZS4671
"S" - GRADE 500 RIBBED STAINLESS STEEL BAR TO BS6744
"SL/RL" - DENOTES R500SL, R500RL, D500SL, D500RL, I500SL, I500RL, WELDED MESH: PLAIN, DEFORMED AND INDENTED TO AS/NZS 4671 SQUARE OR RECTANGULAR, LOW DUCTILITY CLASS.
- S2 REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY SHOWN IN TRUE PROJECTION.
- S3 WELDING SHALL NOT BE PERMITTED WITHOUT APPROVAL OF THE ENGINEER.
- S4 ENSURE THE CORRECT SPACING OF BARS IS MAINTAINED AND ALL REINFORCEMENT IS SUPPORTED IN ITS CORRECT POSITION BY APPROVED BAR CHAIRS, SPACERS OR SUPPORT BARS @ 1000 MAX CRS.
- S5 LAPS TO FABRIC REINFORCEMENT SHALL BE AT LEAST 225mm OR 2 CROSS WIRES ON EACH SHEET.

TEMPORARY BRACING OF THE PRECAST PANEL AND PACKER SHIMS TO BE PROVIDED BY THE CONTRACTOR TO ENSURE STABILITY AND ACCURACY DURING CONSTRUCTION

DRILLED IN ANCHORS

ANCHOR BARS SHALL BE INSTALLED USING THE APPROVED CHEMICAL ANCHORING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DRILL HOLES SHALL BE CLEANED PRIOR TO ADHESIVE INSTALLATION.

PRE-CAST PANELS

- P1 THESE NOTES SHALL BE READ IN CONJUNCTION WITH THE CONCRETE AND REINFORCING STEEL NOTES ON THE STRUCTURAL DRAWINGS.
- P2 PRE-CAST PANELS SHALL BE DESIGNED, MANUFACTURED, HANDLED, TRANSPORTED AND ERECTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE RELEVANT REQUIREMENTS OF AS 3850.
- P3 AT LEAST 14 DAYS BEFORE MANUFACTURE COMMENCES, SUBMIT THE FOLLOWING TO THE SUPERINTENDENT/ENGINEER FOR APPROVAL:
- FULLY DETAILED SHOP DRAWINGS.
 - PROPOSED METHOD OF MANUFACTURE.
 - PROPOSED CASTING AND STORAGE ARRANGEMENTS.
 - PROPOSED LIFTING ARRANGEMENTS.
 - PROPOSED TEMPORARY BRACING ARRANGEMENTS.
 - CERTIFICATION BY A SUITABLE QUALIFIED STRUCTURAL ENGINEER COVERING THE DESIGN OF LIFTING, HANDLING, TRANSPORTATION, ERECTION, AND TEMPORARY BRACING IN ACCORDANCE WITH AS 3850
- P4 CONCRETE COMPRESSIVE STRENGTH SHALL BE MINIMUM OF 25MPa PRIOR TO LIFTING UNLESS NOTED OTHERWISE ON THE DRAWINGS. PROVIDE COMPRESSIVE STRENGTH TEST RESULTS TO THE SUPERINTENDENT/ENGINEER BEFORE LIFTING.
- P5 THE SUPERINTENDENT/ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO EACH CONCRETE POUR.
- P6 ALL LIFTING ANCHORS, FERRULES, BRACES, STRONGBACKS AND PROPIETARY INSERTS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- P7 THE PRECAST CONTRACTOR SHALL ENSURE LIFTING ANCHOR CAPACITIES ARE NOT EXCEEDED DURING STRIPPING, HANDLING, TRANSPORTATION AND ERECTION, AND THAT THE CONCRETE HAS ATTAINED THE REQUIRED STRENGTH BEFORE LIFTING.
- P8 ENSURE LIFTING LOADS ARE DISTRIBUTED AS EVENLY AS PRACTICABLE BETWEEN LIFTING ANCHORS DURING ALL LIFTING OPERATIONS.
- P9 ANY ADDITIONAL LIFTING INSERTS OR TEMPORARY BRACING INSERTS REQUIRED FOR MANUFACTURE OR ERECTION SHALL BE DESIGNED BY THE PRECAST CONTRACTOR. UNUSED INSERTS SHALL BE REMOVED OR RECESSED AND MADE GOOD WITH A NON-SHRINK CEMENTITIOUS GROUT AFTER ERECTION.
- P10 TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL THE PERMANENT STRUCTURE HAS ACHIEVED SUFFICIENT STRENGTH AND STABILITY TO SAFELY RESIST ALL DESIGN ACTIONS. TEMPORARY BRACING SHALL NOT BE REMOVED WITHOUT APPROVAL OF THE ERECTION ENGINEER.
- P11 PANEL TOLERANCES, LIFTING, TRANSPORT, STORAGE AND ERECTION SHALL COMPLY WITH THE REQUIREMENTS OF AS 3850.1 AND AS 3850.2.

DESIGN LOADS

PRECAST CONCRETE UNIT WEIGHT	26kN/m³
PEDESTRIAN BARRIER LOADING	1.5 kN/m HORIZONTAL 0.75 kN/m VERTICAL
DESIGN WIND SPEED	IN ACCORDANCE WITH AS/NZS 1170.2 SERVICEABILITY LIMIT STATE: ARI 20 YEARS ULTIMATE LIMIT STATE: ARI 200 YEARS RGION B - BASIN WIN SPEED: V ₂₀ = 38m/s V ₂₀₀₀ = 63m/s
FLOOD LOADING	MAXIMUM DESIGN FLOOD 100 YR ARI CC2100 + SS V = 0.3m/s FLOOD LEVEL AS SHOWN MAXIMUM HEIGHT 3.8m AHD
DESIGN LIFE	50 YEARS STRUCTURAL 25 YEARS FLEXIBLE SEAL

STRUCTURAL CERTIFICATION

STRUCTURAL DETAILS

Signed.....*Allan Luyt*..... Date.....24 July 2026.....
ALLAN LUYT RPEQ 14920
For & on behalf of
Egis Consulting PTY LTD

NOT FOR
CONSTRUCTION

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS
A	AA	HSL	AA	RA	21.07.26	ISSUED FOR APPROVAL
					24.07.26	

STATUS	
FOR APPROVAL	
APPROVED	
BY: ALLAN LUYT	NO: 14920
SIGN: <i>Allan Luyt</i>	DATE: 24.07.26

SCALE



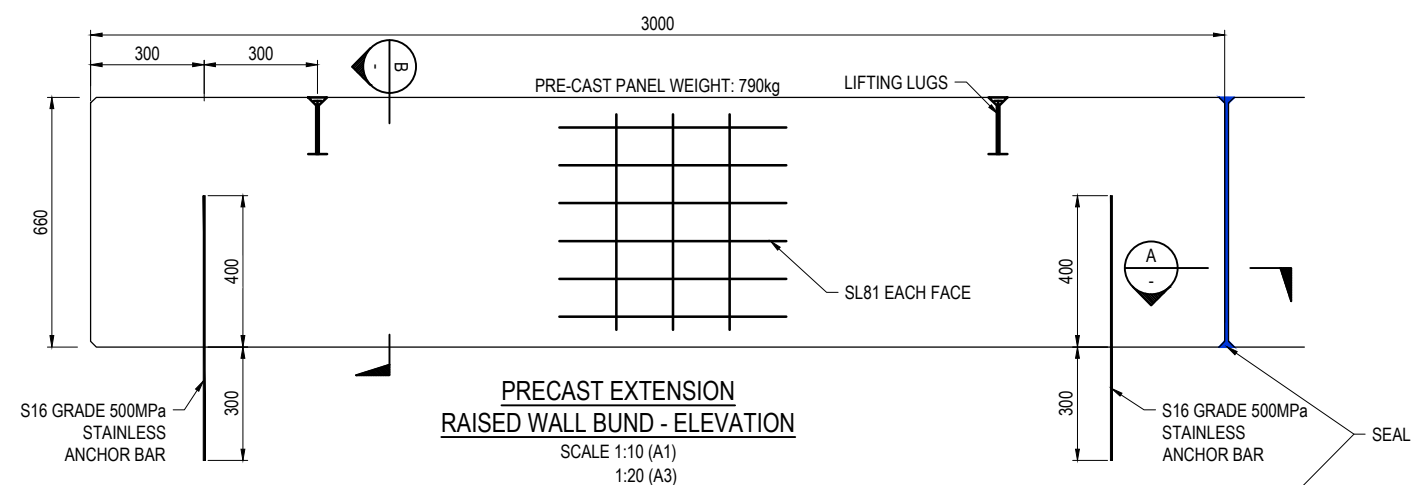
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Sunshine Coast Airport

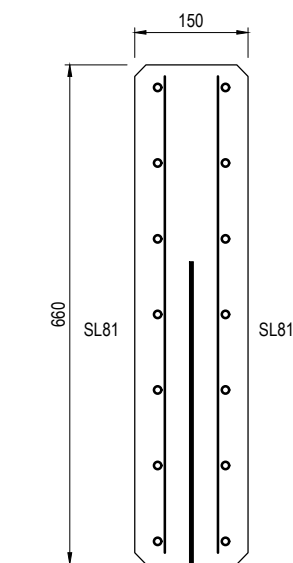
CLIENT
PROJECT
SUNSHINE COAST AIRPORT FLOOD MITIGATION

DRAWING TITLE		
MARCOOLA LEVEE WALL STRUCTURAL NOTES		
PROJECT No.	DRAWING No.	REVISION
25-1006729_FM	1300	A

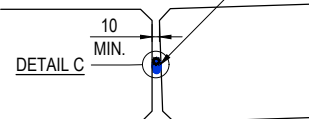
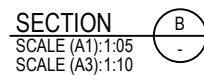


NOTE:
CONTRACTOR TO AVOID INSTALLING ANCHORS INTO EXISTING LEVEE CONSTRUCTION JOINTS.
RECOMMEND THE CONTRACTOR ADDITIONALLY CONSTRUCT A NUMBER OF ALTERNATIVE WALL PANELS
2700MM LENGTH TO ALLOW FOR SITUATIONS WHERE A 3000MM PANEL RESULTS IN THE ANCHORS
LANDING ON AN EXISTING CONSTRUCTION JOINT.

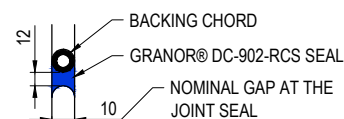
NOTE:
RECENT SURVEY OF THE EXISTING LEVEE IS UNAVAILABLE.
THE CONTRACTOR IS TO SURVEY THE EXISTING LEVEE PRIOR TO CONSRUCTION, AND
THE SURVEY IS TO BE REVIEWED BY THE STRUCTURAL ENGINEER TO ASSESS THE
PERFORMANCE OF THE EXISTING LEVEE.



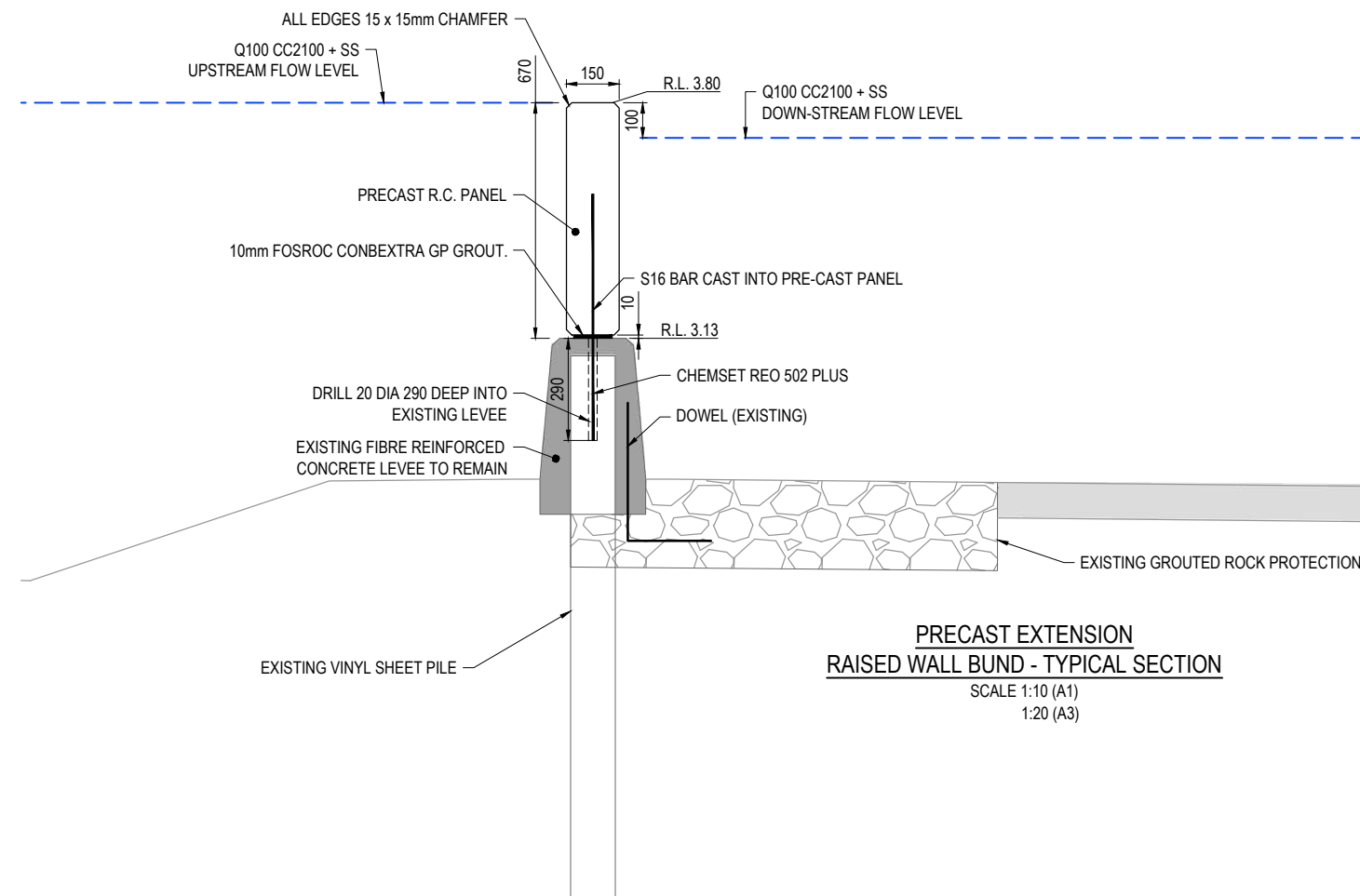
S16 STAINLESS
ANCHOR BAR CAST
INTO PRECAST.
REFER NOTE S1 ON
DRG. 1300



SECTION 
SCALE (A1):1:05
SCALE (A3):1:10



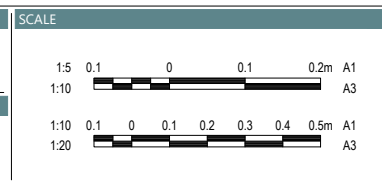
DETAIL C
N.T.S.



PRECAST EXTENSION
RAISED WALL BUND - TYPICAL SECTION
SCALE 1:10 (A1)
1:20 (A3)

[illegible]

STATUS	
FOR APPROVAL	
APPROVED	
BY: ALLAN LUYT	NO: 14920
SIGN: <i>Allan Luyt</i>	DATE: 24.07.26



PROJECT

SUNSHINE COAST
AIRPORT
FLOOD MITIGATION

DRAWING TITLE		
MARCOOLA LEVEE WALL STRUCTURAL DETAILS		
PROJECT No.	DRAWING No.	REVISION
25-1006729 FM	1301	A

DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE.

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