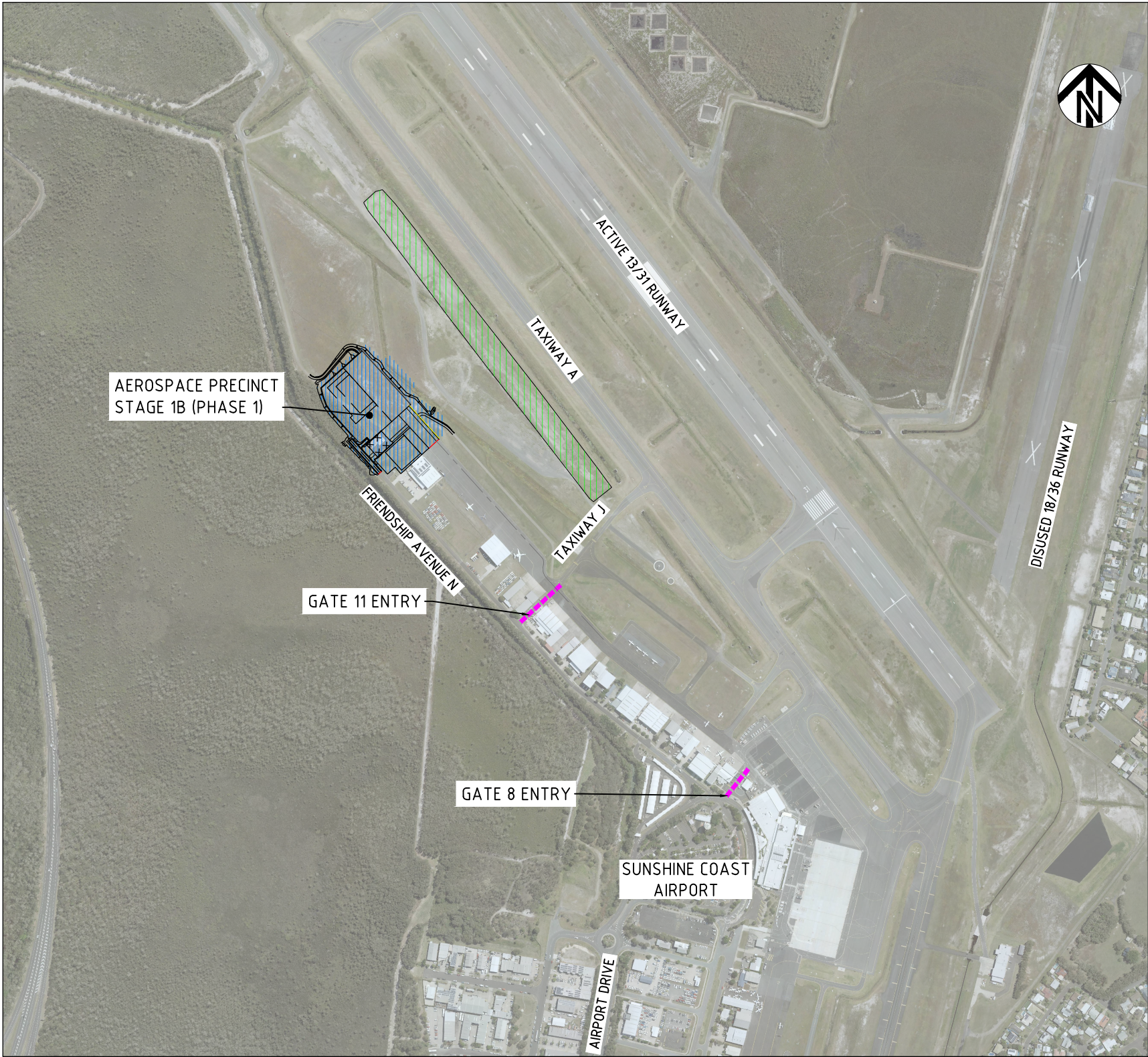


# SUNSHINE COAST AIRPORT AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



SITE PLAN

## DRAWING INDEX

| DRAWING NUMBER   | REVISION | DESCRIPTION   |
|------------------|----------|---|
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| 30033956-GN-1001 | 02       | GENERAL NOTES   |
| 30033956-EF-1001 | 06       | EXISTING FEATURES, SERVICES, DEMOLITION AND RELOCATION PLAN |
| 30033956-GA-1001 | 06       | GENERAL ARRANGEMENT PLAN                                    |
| 30033956-TC-1001 | 05       | TYPICAL SECTIONS - SHEET 1                                  |
| 30033956-TC-1002 | 01       | TYPICAL SECTIONS - SHEET 2                                  |
| 30033956-GD-1001 | 03       | GENERAL DETAILS   |
| 30033956-CL-1001 | 04       | CONTROL LINE SETOUT PLAN                                    |
| 30033956-LS-1001 | 04       | CONTROL LINE LONGITUDINAL SECTIONS                          |
| 30033956-DD-1001 | 05       | DRAINAGE LAYOUT PLAN  |
| 30033956-DD-1002 | 04       | DRAINAGE CATCHMENT PLAN                                     |
| 30033956-DD-1003 | 03       | DRAINAGE LAYOUT PLAN - AIRSIDE                              |
| 30033956-DD-1004 | 03       | DRAINAGE LAYOUT PLAN - LANDSIDE                             |
| 30033956-DD-1010 | 04       | DRAINAGE LONGITUDINAL SECTIONS                              |
| 30033956-CS-1001 | 06       | COMBINED SERVICES PLAN PLAN                                 |
| 30033956-SE-1001 | 05       | SEWER LAYOUT PLAN   |
| 30033956-WA-1001 | 05       | WATER LAYOUT PLAN   |
| 30033956-WA-1010 | 01       | WATER DETAILS   |
| 30033956-ES-1001 | 04       | EROSION AND SEDIMENT CONTROL PLAN                           |
| 30033956-ES-1010 | 02       | EROSION AND SEDIMENT CONTROL DETAILS - SHEET 1              |
| 30033956-ES-1011 | 02       | EROSION AND SEDIMENT CONTROL DETAILS - SHEET 2              |
| 30033956-ES-1012 | 02       | EROSION AND SEDIMENT CONTROL DETAILS - SHEET 3              |
| 30033956-EW-1001 | 08       | BULK EARTHWORKS PLAN  |
| 30033956-PD-1001 | 05       | PAVEMENT LAYOUT PLAN  |
| 30033956-SL-1001 | 04       | SIGNAGE AND PAVEMENT MARKING PLAN                           |
| 30033956-SL-1010 | 02       | PAVEMENT MARKING DETAILS                                    |
| 30033956-EL-1001 | 02       | AGL LAYOUT PLAN   |
| 30033956-EL-1010 | 01       | AGL DETAILS   |
| 30033956-FN-1001 | 06       | FENCING (CONSTRUCTION PHASE) AND VEGETATION CLEARING PLAN   |
| 30033956-FN-1002 | 04       | FENCING (FINAL STAGE)                                       |
| 30033956-FN-1010 | 02       | FENCING DETAILS   |

## LEGEND

- AEROSPACE PRECINCT STAGE 1B (PHASE 1)  
(EXTENT OF CONSTRUCTION)
- EXISTING BX/BY STOCKPILE/BORROW LOCATION

## SURVEY NOTES:

SURVEY DATA HAS BEEN COMPILED BY PROJECT URBAN PTY LTD AS NOTED BELOW:

"HORIZONTAL AND VERTICAL DATUMS WERE DERIVED FROM THE SURVEY CONTROL OF SKYLINE SURVEYORS' CONTOUR AND DETAIL SURVEY, PLAN NO. 5538 COMBINE DET B, DATED 16/03/2022.

SKYLINE SURVEYORS DATUMS WERE DERIVED FROM THE SUNSHINE COAST AIRPORT SURVEY CONTROL.

SOME SURFACE LEVELS AND UNDERGROUND SERVICES WERE COMPILED FROM MINSTAFF SURVEY'S AS BUILT SURVEY DATA.

MINSTAFF SURVEY DATA WAS SCALED WITH 1.0004 ABOUT MGA 508800.937E, 7057496.259N AND MOVED DOWN 0.045m TO MATCH THE ADOPTED SKYLINE SURVEYS HORIZONTAL AND VERTICAL DATUMS."

| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-DI-1001.dwg |     |            |  | PLOT DATE<br>22 April 2024 | TIME<br>15:36:15 | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE<br> | RPEQ No<br>24.352         | DATE<br>22.04.2024 |
|---|-----|------------|--|----------------------------|------------------|---------------------------------|---------------|---------------------------|--------------------|
| EXTERNAL REFERENCE FILES  | REV | DATE       | AMENDMENT / REVISION DESCRIPTION             | WVR No.                    | APPROVAL         | TITLE                           | NAME          | SCALES AT A1 SIZE DRAWING |                    |
|   | 01  | 09.02.2024 | 50% DESIGN ISSUE                             | 001                        | MM               | DRAFTER                         | A. BARKER     | N.T.S.                    |                    |
|   | 02  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED       | 002                        | MM               | DRAFTING CHECK                  | M. MURPHY     |                           |                    |
|   | 03  | 28.02.2024 | 95% DESIGN ISSUE                             | 003                        | MM               | DESIGNER                        | A. BARKER     |                           |                    |
|   | 04  | 11.03.2024 | ISSUED FOR TENDER                            | 004                        | MM               | DESIGN CHECK                    | C. GREEN      |                           |                    |
|   | 05  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED | 005                        | MM               | PROJECT MANAGER                 | M. MURPHY     |                           |                    |
|   | 06  | 26.03.2024 | TENDER ADDENDUM - DRAWING INDEX UPDATED      | 006                        | MM               | PROJECT DIRECTOR                | C. GREEN      |                           |                    |

DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956

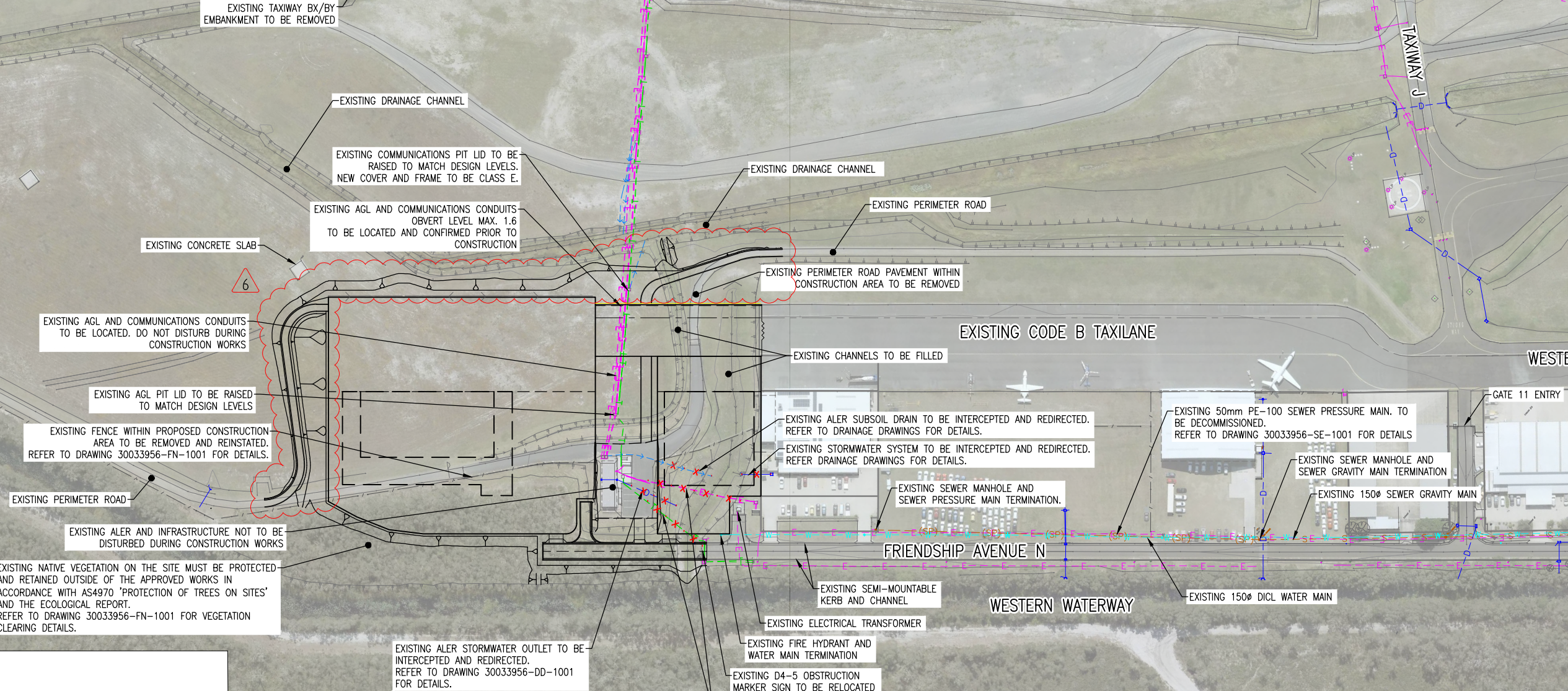


PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)  
COVER SHEET, SITE PLAN  
AND DRAWING INDEX

|                      |  |                |
|----------------------|--|----------------|
| PHASE<br>PRELIMINARY | PROJECT / DRAWING No<br>30033956-DI-1001 | REVISION<br>06 |
|----------------------|--|----------------|



NOT FOR CONSTRUCTION



- LEGEND
- T---T--- EXISTING COMMUNICATIONS CONDUIT
  - E---E--- EXISTING ELECTRICAL CONDUIT
  - D---D--- EXISTING STORMWATER
  - >--->--->--- EXISTING SUBSOIL DRAIN
  - W---W--- EXISTING WATER MAIN
  - S---S--- EXISTING SEWER MAIN (GRAVITY)
  - (SP)--- EXISTING SEWER MAIN (PRESSURE)
  - X-X-X-X-X-X- EXISTING STORMWATER TO BE REMOVED
  - X-X-X-X-X-X- EXISTING SUBSOIL DRAINAGE TO BE REMOVED
  - X-X-X-E-X-E-X- EXISTING ELECTRICAL TO BE REMOVED
  - X-X-X-T-X-T-X- EXISTING COMMUNICATIONS TO BE REMOVED

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1486

Date: 29 May 2024

NOTE

THE CONTRACTOR SHALL GIVE THE PRINCIPAL A MINIMUM OF TWO (2) WEEKS WRITTEN NOTICE OF THEIR INTENTION TO WORK IN THE VICINITY OF EXISTING ALER AND AGL CABLES AND TRANSFORMERS. COMPACTION METHODOLOGY FOR PAVEMENT SUBGRADE TO BE AGREED WITH PRINCIPAL AND SUPERINTENDENT TWO WEEKS PRIOR TO COMPACTION WORKS.

| DRAWING FILE LOCATION / NAME                    |     |            | PLOT DATE   |         | TIME     | CERTIFIED BY     |           | SIGNATURE                 | RPEQ No | DATE       |
|---|-----|------------|---|---------|----------|------------------|-----------|---------------------------|---------|------------|
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| EXTERNAL REFERENCE FILES                        | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      | WVR No. | APPROVAL | TITLE            | NAME      | SCALES AT A1 SIZE DRAWING |         |            |
|   | 01  | 09.02.2024 | 50% DESIGN ISSUE                                      | 001     | MM       | DRAFTER          | A. BARKER |                           |         |            |
|   | 02  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED                | 002     | MM       | DRAFTING CHECK   | M. MURPHY |                           |         |            |
|   | 03  | 28.02.2024 | 95% DESIGN ISSUE                                      | 003     | MM       | DESIGNER         | A. BARKER |                           |         |            |
|   | 04  | 11.03.2024 | ISSUED FOR TENDER                                     | 004     | MM       | DESIGN CHECK     | C. GREEN  |                           |         |            |
|   | 05  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005     | MM       | PROJECT MANAGER  | M. MURPHY |                           |         |            |
|   | 06  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006     | MM       | PROJECT DIRECTOR | C. GREEN  |                           |         |            |

DESIGNER

Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD. BIRTINYA QLD 4575

SMC PROJECT No 30033956

CLIENT

Sunshine Coast Airport

| PROJECT TITLE  |                      |          |
|--|----------------------|----------|
| SUNSHINE COAST AIRPORT AEROSPACE PRECINCT - STAGE 1B (PHASE 1) EXISTING FEATURES, SERVICES, DEMOLITION AND RELOCATION PLAN |                      |          |
| PHASE  | PROJECT / DRAWING No | REVISION |
| PRELIMINARY  | 30033956-EF-1001     | 06       |



GENERAL NOTES:

1. CONTRACT DOCUMENTATION

ALL DRAWINGS UNDER THIS CONTRACT ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATION.

2. SURVEY INFORMATION

SURVEY DATA HAS BEEN COMPILED BY PROJECT URBAN PTY LTD AS NOTED BELOW:

"HORIZONTAL AND VERTICAL DATUMS WERE DERIVED FROM THE SURVEY CONTROL OF SKYLINE SURVEYORS' CONTOUR AND DETAIL SURVEY, PLAN NO. 5538 COMBINE DET B, DATED 16/03/2022.

SKYLINE SURVEYORS DATUMS WERE DERIVED FROM THE SUNSHINE COAST AIRPORT SURVEY CONTROL.

SOME SURFACE LEVELS AND UNDERGROUND SERVICES WERE COMPILED FROM MINSTAFF SURVEY'S AS BUILT SURVEY DATA.

MINSTAFF SURVEY DATA WAS SCALED WITH 1.0004 ABOUT MGA 508800.937E, 7057496.259N AND MOVED DOWN 0.045m TO MATCH THE ADOPTED SKYLINE SURVEYS HORIZONTAL AND VERTICAL DATUMS."

3. EXISTING SURVEY CONTROL STATIONS

THE CONTRACTOR IS TO ENSURE THAT SURVEY CONTROL STATIONS ARE NOT DAMAGED OR DISTURBED IN ANY WAY BY CONSTRUCTION ACTIVITIES.

4. EXISTING SERVICES

EXISTING SERVICES LOCATIONS WHERE SHOWN ON THE DRAWINGS ARE INDICATIVE ONLY. THE CONTRACTOR SHALL CONTACT THE RELEVANT AUTHORITIES TO ASCERTAIN THE EXACT LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORK AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING SERVICES.

5. SITE ACCESS

THE CONTRACTOR SHALL GAIN ACCESS TO THE SITE AT LOCATIONS APPROVED BY THE SUPERINTENDENT. FREEDOM OF ACCESS TO OTHER WORK AREAS ON THE SITE SHALL BE MAINTAINED AT ALL TIMES.

6. PROVISION FOR TRAFFIC

PROVISION FOR TRAFFIC ON LOCAL ROADS IS TO BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND LOCAL AUTHORITY REQUIREMENTS.

7. WORK BOUNDARIES

THE CONTRACTOR IS TO RESTRICT ACTIVITIES TO THOSE AREAS DESIGNATED AS WORK AREAS UNDER THIS CONTRACT. AT NO TIME SHALL THE CONTRACTOR ENTER ADJOINING PROPERTIES OR CONTRACT WORK AREAS ON THE SITE WITHOUT WRITTEN AUTHORISATION FROM THE SUPERINTENDENT.

8. SITE CLEARING

CLEARING AND GRUBBING SHALL BE CARRIED OUT TO ALL WORK AREAS AS SPECIFIED AND SHALL INCLUDE THE REMOVAL OF ALL EXISTING TREES (UNLESS NOMINATED TO BE PRESERVED), EXISTING VEGETATION, TIMBER, FENCES AND ANY OTHER DEBRIS. CLEARED VEGETATION SHALL BE MULCHED AND REMOVED FROM SITE (REFER SPECIFICATION).

9. TESTING

ALL TESTING SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. TESTING AUTHORITY IN ACCORDANCE WITH THE PROJECT SPECIFICATION.

10. AS CONSTRUCTED SURVEY

AS CONSTRUCTED SURVEY SHALL BE CARRIED OUT BY THE CONTRACTOR'S SURVEYOR AS WORK PROCEEDS.

11. MAINTENANCE OF SITE CONDITION

AT THE COMPLETION OF WORKS THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT AND SUNSHINE COAST COUNCIL.

EARTHWORKS NOTES:

- CARRY OUT EARTHWORKS IN ACCORDANCE WITH AS3798-2007 – GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS
- ALL LANDSIDE EARTHWORKS CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE SUNSHINE COAST COUNCIL PLANNING SCHEME POLICY SC6.14.9.
- DESIGN LEVELS SHOWN SHALL BE ON THE FINISHED SURFACE INCLUDING TOPSOIL.
- THE CONTRACTOR SHALL ALLOW, TO REMOVE TOPSOIL TO A DEPTH OF 100mm MINIMUM, FROM WORK AREAS AND STOCKPILE ON SITE TO A NOMINATED SPOIL LOCATION.SPOIL LOCATION TO BE DETERMINED IN CONJUNCTION WITH SUNSHINE COAST AIRPORT.
- FOLLOWING COMPLETION OF ROADWORKS CONSTRUCTIONS AND BULK EARTHWORKS OPERATIONS THE FULL EXTENT OF BATTERS AND FILL AREAS ARE TO BE RE-TOPSOILED TO A MINIMUM DEPTH OF 100mm.
- THE CONTRACTOR SHALL LIMIT THE MOVEMENT OF EQUIPMENT AND MANPOWER TO THE MINIMUM AREA NECESSARY FOR EARTHWORKS AND PROTECT ALL VEGETATION OUTSIDE THE WORKS BOUNDARY.
- CONSIDERATION SHALL BE GIVEN TO ADJACENT LANDOWNERS DURING THE CONSTRUCTION WORKS. REFER TO PROJECT SPECIFICATION FOR CONTRACTOR NOTIFICATIONS.
- THE CONTRACTOR SHALL ALLOW FOR ALL DUST CONTROL MEASURES IN ACCORDANCE WITH THE WHITE BOOK, BEST PRACTICE EROSION AND SEDIMENT CONTROL (IECA 2008).
- THE CONTRACTOR SHALL ALLOW FOR ALL DISTURBED AREAS AS DIRECTED ON SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- ALL NEW WORKS TO MATCH NEATLY TO EXISTING.
- ALL FILL MATERIAL PLACED UNDER THIS CONTRACT SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- FILL INCORPORATED INTO THE DESIGN FROM THE BX/BY CUT AREA WILL BE COMPACTED VOLUMES VS BANK VOLUMES. NO EXCESS CUT REMAINS.

ROADWORKS NOTES:

- ALL ROADWORK CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE SUNSHINE COAST COUNCIL PLANNING SCHEME POLICY SC 6.14 AND STANDARD DRAWINGS.
- LANDSIDE SUB-SURFACE DRAINAGE TO BE PROVIDED UNDER ALL KERBS AS PER IPWEAQ STANDARD DRAWING RS-142. DRAINS ARE TO HAVE CLEANING POINTS AT ROAD CRESTS AND AT 60m MAXIMUM SPACING AND LOCATED OPPOSITE LOT SIDE BOUNDARIES UNLESS DIRECTED OTHERWISE.
- PAVEMENT WIDTH SHOWN ON THE DRAWING SHALL BE MEASURED BETWEEN NOMINAL KERB LINES.
- ALL KERB RADII SHOWN ARE ON THE NOMINAL KERB LINE, U.N.O.
- ALL ROAD VERGES SHALL BE STABILISED WITH 100mm OF TOPSOIL AND GRASSED. THE SUPERINTENDENT WILL INSTRUCT THE CONTRACTOR TO HYDROMULCH VERGES IF REQUIRED.
- CONTRACTOR SHALL ALLOW TO MATCH INTO EXISTING KERB AND PAVEMENT LEVELS FOR ALL CONNECTING ROADS.
- CONTRACTOR SHALL LIAISE WITH AUTHORITIES AND OTHER CONTRACTORS FOR TIMELY INSTALLATION OF ANY ROAD CROSSINGS.
- CONTRACTOR SHALL SUPPLY AND INSTALL UNDERGROUND POWER CONDUITS IN ACCORDANCE WITH ELECTRICAL DRAWINGS BY 'CV SERVICES'.
- VEHICLE CROSSEOVERS TO BE HEAVY DUTY AND CONSTRUCTED IN ACCORDANCE WITH IPWEAQ STANDARD DRAWING RS-051.
- REFER TO IPWEAQ STANDARD DRAWING RS-065 FOR CONCRETE FOOTPATH DETAILS. FOOTPATH TO BE 1.65m BEHIND INVERT OF KERB U.N.O.
- REFER TO IPWEAQ STANDARD DRAWING RS-090 FOR KERB RAMP DETAILS. KERB RAMPS ARE REQUIRED TO COMPLY WITH AS1428.1.
- ALL LANDSIDE SIGNAGE AND PAVEMENT MARKING TO BE INSTALLED IN ACCORDANCE WITH AS 1742.2 AND THE QUEENSLAND MUTCD.
- ALL AIRSIDE PAVEMENT MARKING TO BE IN ACCORDANCE WITH CASA, PART 139 (AERODROMES) MANUAL OF STANDARDS 2019 (COMPILATION DATE 13 AUGUST 2020).
- EXTENT OF PAVEMENT MARKING TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.
- EXACT LOCATION OF LANDSIDE SIGNS TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.

STORMWATER NOTES:

- ALL STORMWATER CONSTRUCTION IS TO BE IN ACCORDANCE WITH SUNSHINE COAST COUNCIL PLANNING SCHEME POLICY SC6.14 AND STANDARD DRAWINGS.
- STORMWATER DISCHARGES ACHIEVE WATER QUALITY OBJECTIVES PRESCRIBED IN THE 'ENVIRONMENTAL PROTECTION (WATER AND WETLAND BIODIVERSITY) POLICY 2019' AND MANAGEMENT OF PRESCRIBED WATER CONTAMINANTS UNDER SECTION 440ZG OF THE 'ENVIRONMENTAL PROTECTION ACT'.
- TRENCHING FOR ALL PIPES IS TO BE TYPE 2, REFER TO IPWEAQ STANDARD DRAWING DS-030.
- OUTLET HEADWALLS ARE TO BE IN ACCORDANCE WITH SUNSHINE COAST COUNCIL REQUIREMENTS AND TMR STANDARD DRAWING 1304 AND 1305 AS APPLICABLE.
- SIDE ENTRY PITS ARE TO BE LIP IN LINE TYPE IN ACCORDANCE WITH SUNSHINE COAST COUNCIL SPECIFICATIONS. REFER TO IPWEAQ STANDARD DRAWING DS-063 FOR DETAILS.
- ALL GRATED INLET PITS TO BE FIELD INLET TYPE 1 IN ACCORDANCE WITH IPWEAQ STANDARD DRAWING DS-050. CONCRETE APRON SHALL BE REPLACED WITH TURF.
- WEEP HOLES ARE TO BE PROVIDED IN THE WALL OF ALL PITS TO ACCEPT FLOWS FROM PIPE BEDDING.
- OUTLET SCOUR PROTECTION TO QUDM STANDARDS.
- ALL AIRSIDE STORMWATER LIDS, GRATES AND FRAMES TO BE CLASS E AS PER AS 3996 FOR A SERVICEABILITY DESIGN LOAD OF 267kN.

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486

Date: 29 May 2024



150 mm ON ORIGINAL

A1  
0  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
110  
120  
130  
140  
150

| DRAWING FILE LOCATION / NAME                    |     |            |                                  | PLOT DATE     |          | TIME             | CERTIFIED BY    |  | SIGNATURE | RPEQ No | DATE       |
|---|-----|------------|----------------------------------|---------------|----------|------------------|-----------------|--|-----------|---------|------------|
| C:\bms\smec-pw-04\dms06287\30033956-GN-1001.dwg |     |            |                                  | 22 April 2024 |          | 15:37:40         | Mitchell Murphy |  |           | 24.352  | 22.04.2024 |
| EXTERNAL REFERENCE FILES                        | REV | DATE       | AMENDMENT / REVISION DESCRIPTION | WVR No.       | APPROVAL | TITLE            | NAME            |  |           |         |            |
|   | 01  | 28.02.2024 | 95% DESIGN ISSUE                 | 003           | MM       | DRAFTER          | A. BARKER       |  |           |         |            |
|   | 02  | 11.03.2024 | ISSUED FOR TENDER                | 004           | MM       | DRAFTING CHECK   | M. MURPHY       |  |           |         |            |
|   |     |            |                                  |               |          | DESIGNER         | A. BARKER       |  |           |         |            |
|   |     |            |                                  |               |          | DESIGN CHECK     | C. GREEN        |  |           |         |            |
|   |     |            |                                  |               |          | PROJECT MANAGER  | M. MURPHY       |  |           |         |            |
|   |     |            |                                  |               |          | PROJECT DIRECTOR | C. GREEN        |  |           |         |            |

N.T.S.

DESIGNER



CLIENT



PROJECT TITLE

SUNSHINE COAST AIRPORT  
AEROSPCA E PRECINCT - STAGE 1B (PHASE 1)

GENERAL NOTES

PHASE

PRELIMINARY

PROJECT / DRAWING No

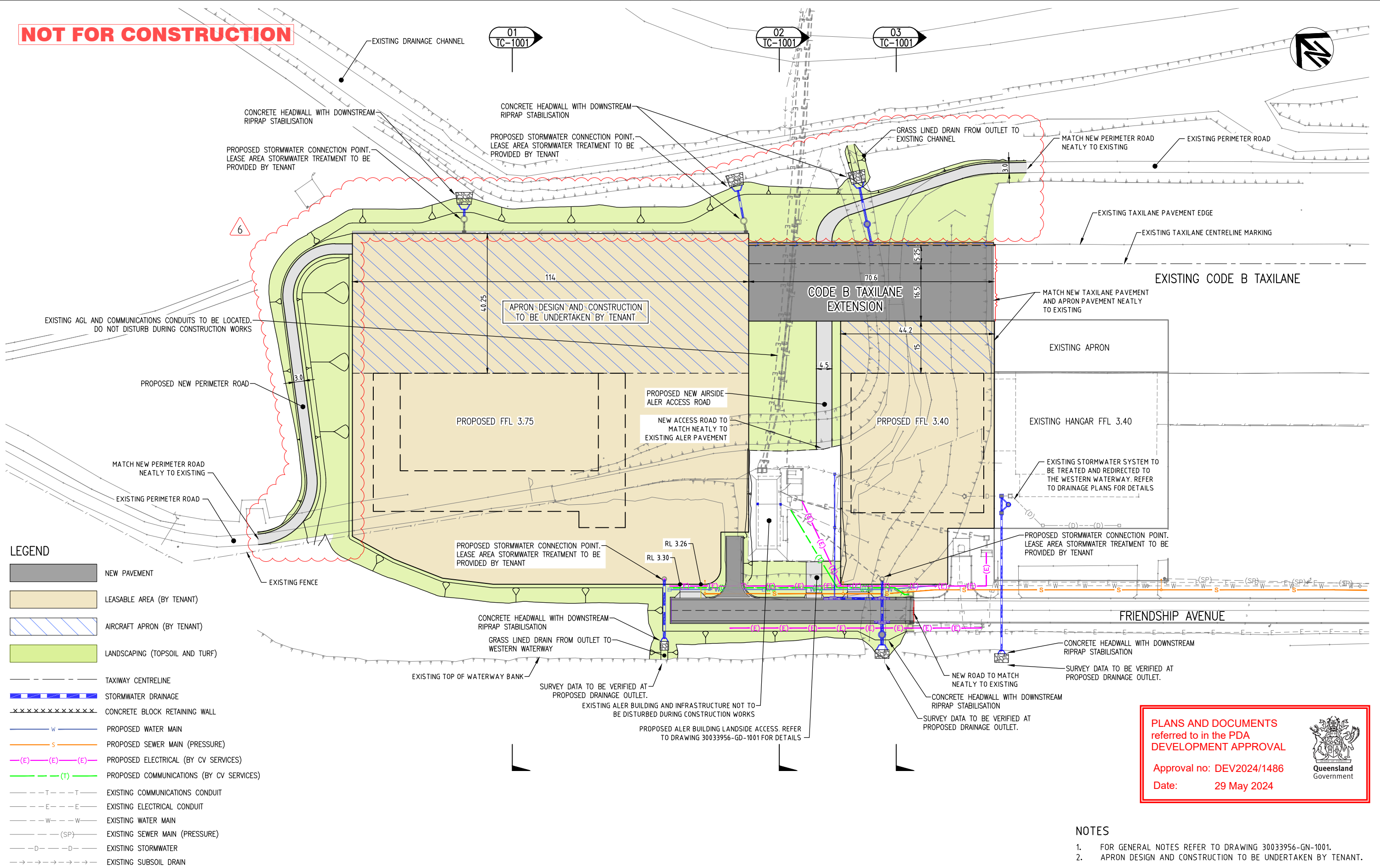
30033956-GN-1001

REVISION

02




**NOT FOR CONSTRUCTION**



## NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 30033956-GN-1001.
2. APRON DESIGN AND CONSTRUCTION TO BE UNDERTAKEN BY TENANT.

|   |  |     |            |   |  |                            |          |                  |                  |                                 |   |  |  |                  |  |                    |  |
|---|--|-----|------------|---|--|----------------------------|----------|------------------|------------------|---------------------------------|---|--|--|------------------|--|--------------------|--|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-GA-1001.dwg |  |     |            |   |  | PLOT DATE<br>22 April 2024 |          | TIME<br>15:43:37 |                  | CERTIFIED BY<br>Mitchell Murphy |   | SIGNATURE<br> |  | RPEQ No<br>24352 |  | DATE<br>22.04.2024 |  |
| EXTERNAL REFERENCE FILES  |  | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      |  | WVR No.                    | APPROVAL | TITLE            | NAME             |                                 | <div>SCALES AT A1 SIZE DRAWING</div> <div>05101520m</div> |  |  |                  |  |                    |  |
|   |  | 01  | 09.02.2024 | 50% DESIGN ISSUE                                      |  |                            | 001      | MM               | DRAFTER          | A. BARKER                       |   |  |  |                  |  |                    |  |
|   |  | 02  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED                |  |                            | 002      | MM               | DRAFTING CHECK   | M. MURPHY                       |   |  |  |                  |  |                    |  |
|   |  | 03  | 28.02.2024 | 95% DESIGN ISSUE                                      |  |                            | 003      | MM               |                  |                                 |   |  |  |                  |  |                    |  |
|   |  | 04  | 11.03.2024 | ISSUED FOR TENDER                                     |  |                            | 004      | MM               | DESIGNER         | A. BARKER                       |   |  |  |                  |  |                    |  |
|   |  | 05  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          |  |                            | 005      | MM               | DESIGN CHECK     | C. GREEN                        |   |  |  |                  |  |                    |  |
|   |  | 06  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS |  |                            | 006      | MM               |                  |                                 |   |  |  |                  |  |                    |  |
|   |  |     |            |   |  |                            |          |                  | PROJECT MANAGER  | M. MURPHY                       |   |  |  |                  |  |                    |  |
|   |  |     |            |   |  |                            |          |                  | PROJECT DIRECTOR | C. GREEN                        |   |  |  |                  |  |                    |  |

|          |  |
|----------|--|
| DESIGNER |  |
|----------|--|



Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 1 THE EDGE EAST 10 LAKE KAWANA BLVD

BIRTINYA QLD 4575

|  |        |
|--|--------|
|  | CLIENT |
|--|--------|



**Sunshine Coast**  
Airport

|               |   |
|---------------|---|
| PROJECT TITLE | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1) |
|---------------|---|

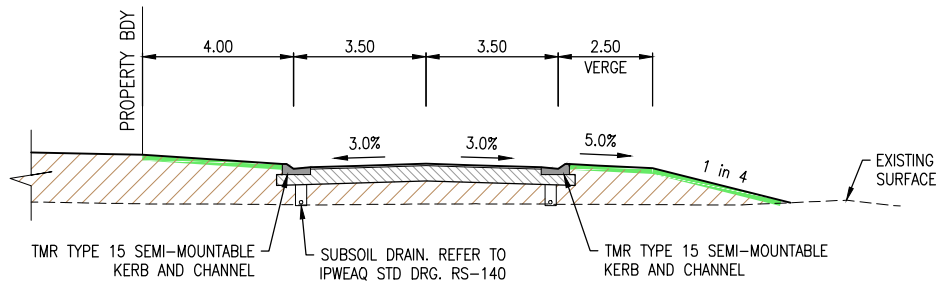
## GENERAL ARRANGEMENT PLAN

|             |                       |          |
|-------------|-----------------------|----------|
| PHASE       | PROJECT / DRAWING No. | REVISION |
| PRELIMINARY | 30033956-GA-1001      | 06       |

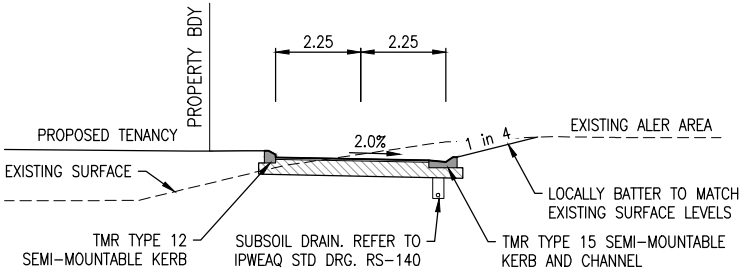




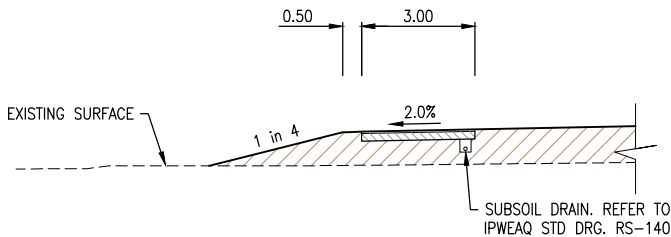




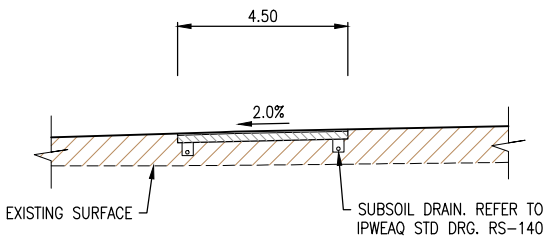
TYPICAL SECTION – FRIENDSHIP AVE  
SCALE A



TYPICAL SECTION – FRIENDSHIP AVE TURNHEAD  
SCALE A



TYPICAL SECTION – PERIMETER ROAD  
SCALE A



TYPICAL SECTION – ALER ACCESS ROAD  
SCALE A

150 mm ON ORIGINAL  
A1

|   |           |                    |   |                            |                  |                                 |               |                               |                    |
|---|-----------|--------------------|---|----------------------------|------------------|---------------------------------|---------------|-------------------------------|--------------------|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-TC-1002.dwg |           |                    |   | PLOT DATE<br>22 April 2024 | TIME<br>15:44:36 | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE<br> | RPEQ No<br>24352              | DATE<br>22.04.2024 |
| EXTERNAL REFERENCE FILES  | REV<br>01 | DATE<br>11.03.2024 | AMENDMENT / REVISION DESCRIPTION<br>ISSUED FOR TENDER | WVR No.<br>004             | APPROVAL<br>MM   | TITLE                           | NAME          | SCALES AT A1 SIZE DRAWING<br> |                    |
|   |           |                    |   |                            |                  | DRAFTER                         | A. BARKER     |                               |                    |
|   |           |                    |   |                            |                  | DRAFTING CHECK                  | M. MURPHY     |                               |                    |
|   |           |                    |   |                            |                  | DESIGNER                        | A. BARKER     |                               |                    |
|   |           |                    |   |                            |                  | DESIGN CHECK                    | C. GREEN      |                               |                    |
|   |           |                    |   |                            |                  | PROJECT MANAGER                 | M. MURPHY     |                               |                    |
|   |           |                    |   |                            |                  | PROJECT DIRECTOR                | C. GREEN      |                               |                    |

DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956



PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

TYPICAL SECTIONS - SHEET 2

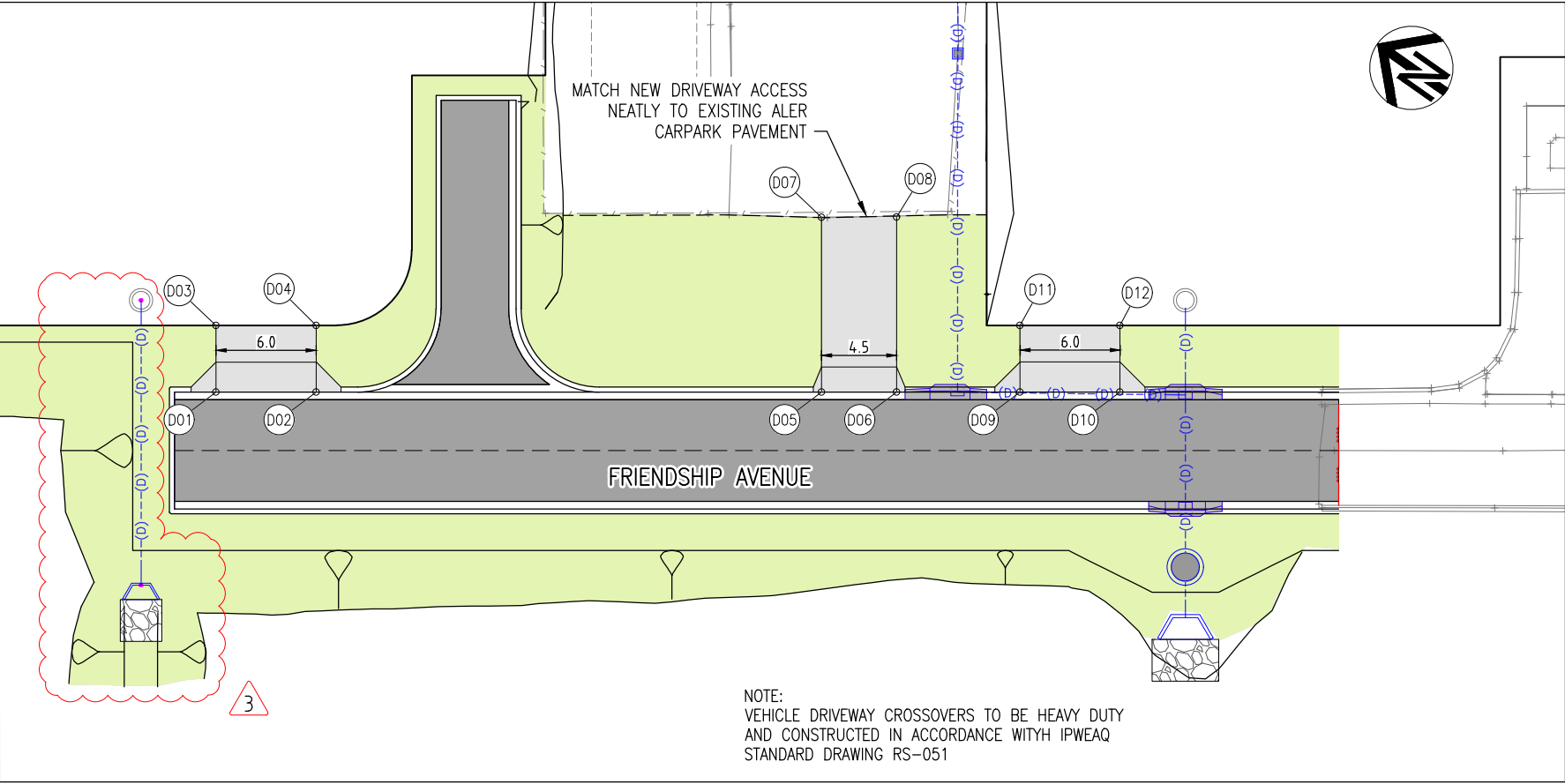
PHASE  
PRELIMINARY

PROJECT / DRAWING No.  
30033956-TC-1002

REVISION  
01



NOT FOR CONSTRUCTION



| Pt. | Position X | Position Y  |
|-----|------------|-------------|
| D01 | 508163.998 | 7057903.031 |
| D02 | 508168.027 | 7057898.585 |
| D03 | 508166.961 | 7057905.717 |
| D04 | 508170.991 | 7057901.272 |
| D05 | 508188.388 | 7057876.119 |
| D06 | 508191.410 | 7057872.784 |
| D07 | 508196.150 | 7057883.153 |
| D08 | 508199.187 | 7057879.832 |
| D09 | 508196.379 | 7057867.301 |
| D10 | 508200.408 | 7057862.855 |
| D11 | 508199.343 | 7057869.987 |
| D12 | 508203.372 | 7057865.541 |

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



DRIVEWAY SETOUT PLAN  
SCALE A

150 mm ON ORIGINAL  
A1  
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

| DRAWING FILE LOCATION / NAME                    |     |            |  | PLOT DATE     |          | TIME             | CERTIFIED BY    | SIGNATURE                 | RPEQ No | DATE       |
|---|-----|------------|--|---------------|----------|------------------|-----------------|---------------------------|---------|------------|
| C:\bms\smec-pw-04\dm506287\30033956-GD-1001.dwg |     |            |  | 22 April 2024 |          | 15:45:09         | Mitchell Murphy |                           | 24352   | 22.04.2024 |
| EXTERNAL REFERENCE FILES                        | REV | DATE       | AMENDMENT / REVISION DESCRIPTION             | WVR No.       | APPROVAL | TITLE            | NAME            | SCALES AT A1 SIZE DRAWING |         |            |
|   | 01  | 28.02.2024 | 95% DESIGN ISSUE                             | 003           | MM       | DRAFTER          | A. BARKER       |                           |         |            |
|   | 02  | 11.03.2024 | ISSUED FOR TENDER                            | 004           | MM       | DRAFTING CHECK   | M. MURPHY       |                           |         |            |
|   | 03  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED | 005           | MM       | DESIGNER         | A. BARKER       |                           |         |            |
|   |     |            |  |               |          | DESIGN CHECK     | C. GREEN        |                           |         |            |
|   |     |            |  |               |          | PROJECT MANAGER  | M. MURPHY       |                           |         |            |
|   |     |            |  |               |          | PROJECT DIRECTOR | C. GREEN        |                           |         |            |

DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956



PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

GENERAL DETAILS

PHASE  
PRELIMINARY

PROJECT / DRAWING No.  
30033956-GD-1001

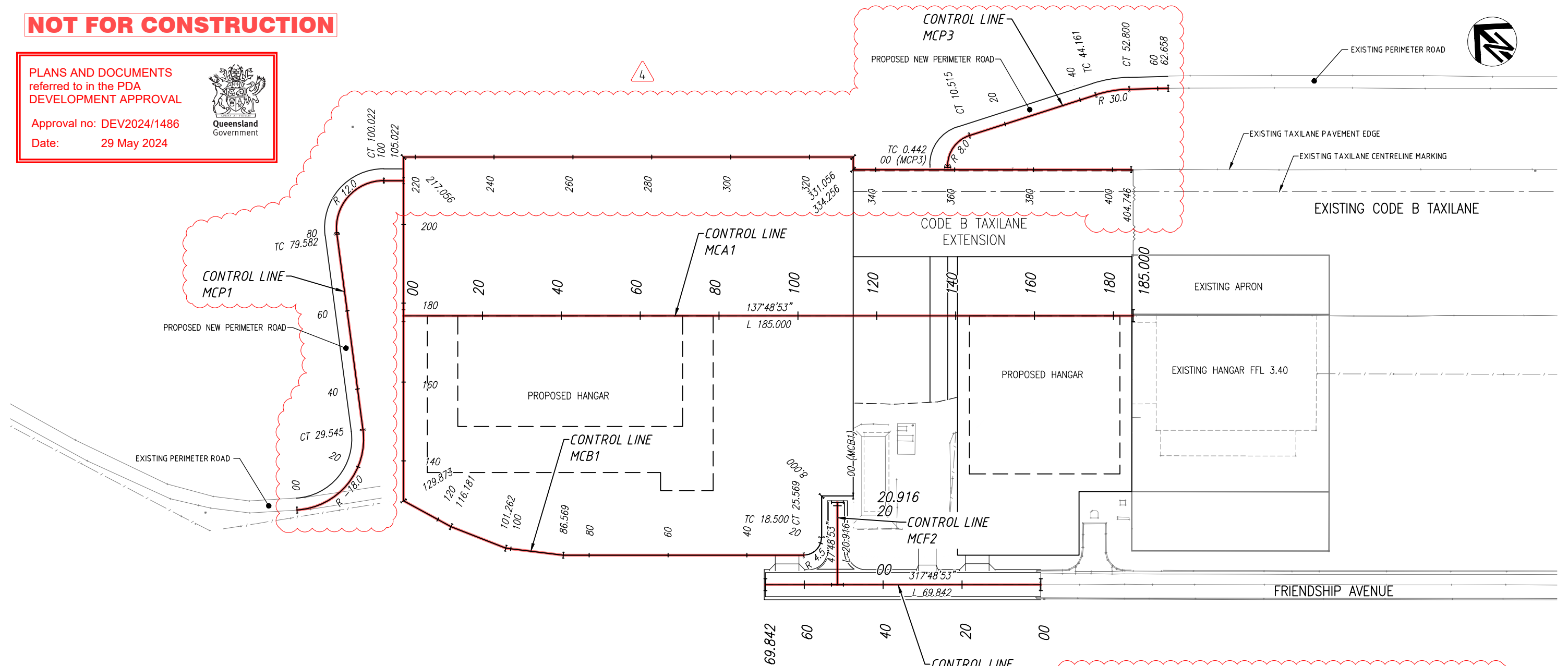
REVISION  
03



NOT FOR CONSTRUCTION

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



CONTROL LINE MCA1 – SETOUT TABLE

| PT   | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING       |
|------|----------|------------|-------------|--------|---------------|
| IP 1 | 0.000    | 508148.647 | 7058016.316 | 3.750  | 137°48'53.08" |
| IP 2 | 185.000  | 508272.880 | 7057879.235 | 3.400  | 137°48'53.08" |

CONTROL LINE MCB1 – SETOUT TABLE

| PT    | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING       | RAD/SPIRAL |
|-------|----------|------------|-------------|--------|---------------|------------|
| IP 1  | 0.000    | 508191.339 | 7057901.156 | 3.428  | 317°48'53.08" |            |
| IP 2  | 8.000    | 508185.967 | 7057907.084 | 3.508  |               |            |
| TC    | 18.500   | 508178.186 | 7057900.033 | 3.298  | 227°48'53.08" |            |
| IP 3  | 22.034   | 508174.852 | 7057897.011 | 3.250  |               | R = 4.500  |
| CT    | 25.569   | 508171.830 | 7057900.345 | 3.249  | 317°48'53.08" |            |
| IP 4  | 86.569   | 508130.867 | 7057945.545 | 3.338  |               |            |
| IP 5  | 101.262  | 508122.383 | 7057957.542 | 3.374  |               |            |
| IP 6  | 116.181  | 508117.095 | 7057971.492 | 3.499  |               |            |
| IP 7  | 129.873  | 508113.871 | 7057984.799 | 3.614  |               |            |
| IP 8  | 217.056  | 508178.471 | 7058043.345 | 3.347  |               |            |
| IP 9  | 331.056  | 508255.026 | 7057958.874 | 3.132  |               |            |
| IP 10 | 334.256  | 508252.655 | 7057956.725 | 3.164  |               |            |
| IP 11 | 404.746  | 508299.991 | 7057904.493 | 2.930  | 137°48'53.08" |            |

CONTROL LINE MCF1 – SETOUT TABLE

| PT   | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING       |
|------|----------|------------|-------------|--------|---------------|
| IP 1 | 0.000    | 508206.627 | 7057850.782 | 2.804  | 317°48'53.08" |
| IP 2 | 69.842   | 508159.725 | 7057902.533 | 3.239  | 317°48'53.08" |

CONTROL LINE MCF2 – SETOUT TABLE

| PT   | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING      |
|------|----------|------------|-------------|--------|--------------|
| IP 1 | 0.000    | 508171.981 | 7057889.010 | 3.083  | 47°48'53.08" |
| IP 2 | 20.916   | 508187.479 | 7057903.056 | 3.246  | 47°48'53.08" |

CONTROL LINE MCP1 – SETOUT TABLE

| PT   | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING       | RAD/SPIRAL  |
|------|----------|------------|-------------|--------|---------------|-------------|
| IP 1 | 0.000    | 508093.994 | 7058003.241 | 2.489  | 134°16'07.19" |             |
| IP 2 | 14.773   | 508107.828 | 7057989.756 | 2.445  |               | R = -18.000 |
| CT   | 29.545   | 508120.302 | 7058004.507 | 2.400  | 40°13'20.70"  |             |
| TC   | 79.582   | 508152.614 | 7058042.712 | 3.148  | 40°13'20.70"  |             |
| IP 3 | 89.802   | 508161.464 | 7058053.177 | 3.337  |               | R = 12.000  |
| CT   | 100.022  | 508170.668 | 7058043.021 | 3.407  | 137°48'53.08" |             |
| IP 4 | 105.022  | 508174.026 | 7058039.316 | 3.407  | 137°48'53.08" |             |

CONTROL LINE MCP3 – SETOUT TABLE

| PT   | CHAINAGE | EASTING    | NORTHING    | HEIGHT | BEARING       | RAD/SPIRAL |
|------|----------|------------|-------------|--------|---------------|------------|
| IP 1 | 0.000    | 508269.196 | 7057939.366 | 2.946  | 47°48'53.08"  |            |
| TC   | 0.442    | 508269.524 | 7057939.663 | 2.938  | 47°48'53.08"  |            |
| IP 2 | 5.478    | 508273.842 | 7057943.576 | 2.838  |               | R = 8.000  |
| CT   | 10.515   | 508278.891 | 7057940.666 | 2.766  | 119°57'34.21" |            |
| TC   | 44.161   | 508308.041 | 7057923.864 | 2.544  | 119°57'34.21" |            |
| IP 3 | 48.480   | 508311.809 | 7057921.692 | 2.479  |               | R = 30.000 |
| CT   | 52.800   | 508314.806 | 7057918.539 | 2.395  | 136°27'33.56" |            |
| IP 4 | 62.658   | 508321.596 | 7057911.393 | 2.282  | 136°27'33.56" |            |

|   |  |                            |                  |   |           |                   |                    |
|---|--|----------------------------|------------------|---|-----------|-------------------|--------------------|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-CL-1001.dwg |  | PLOT DATE<br>22 April 2024 | TIME<br>15:45:41 | CERTIFIED BY<br>Mitchell Murphy                       | SIGNATURE | RPEQ No<br>24.352 | DATE<br>22.04.2024 |
| EXTERNAL REFERENCE FILES  |  | REV                        | DATE             | AMENDMENT / REVISION DESCRIPTION                      | WVR No.   | APPROVAL          | TITLE              |
|   |  | 01                         | 28.02.2024       | 95% DESIGN ISSUE                                      | 003       | MM                | DRAFTER            |
|   |  | 02                         | 11.03.2024       | ISSUED FOR TENDER                                     | 004       | MM                | DRAFTING CHECK     |
|   |  | 03                         | 19.03.2024       | TENDER ADDENDUM - CONTROL LINE MCF1 & MCF2 AMENDED    | 005       | MM                | DESIGNER           |
|   |  | 04                         | 26.03.2024       | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006       | MM                | DESIGN CHECK       |
|   |  |                            |                  |   |           |                   | PROJECT MANAGER    |
|   |  |                            |                  |   |           |                   | PROJECT DIRECTOR   |

0 5 10 15 20m

DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956



PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

CONTROL LINE SETOUT PLAN

|                      |   |                |
|----------------------|---|----------------|
| PHASE<br>PRELIMINARY | PROJECT / DRAWING No.<br>30033956-CL-1001 | REVISION<br>04 |
|----------------------|---|----------------|



NOT FOR CONSTRUCTION

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -4.00

| Depth to<br>Natural Surface | -1.622 | -1.523 | -1.523 | -1.490 | -1.485 | -1.476 | -1.323 | -1.332 | -0.881 | -0.831 | 0.012 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Design Height               | 3.750  | 3.750  | 3.750  | 3.750  | 3.750  | 3.674  | 3.484  | 3.400  | 3.400  | 3.400  | 3.400 |
| Natural Surface             | 2.128  | 2.227  | 2.227  | 2.260  | 2.265  | 2.198  | 2.161  | 2.068  | 2.519  | 2.569  | 3.412 |
| Chainage                    | 0      | 20     | 40     | 60     | 80     | 100    | 120    | 140    | 160    | 180    | 185   |

LONGITUDINAL SECTION - MCA1

Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -4.00

| Depth to<br>Natural Surface | 0.025         | -0.753 | -0.903 | -0.966 | -1.113 |
|-----------------------------|---------------|--------|--------|--------|--------|
| Design Height               | 2.804         | 2.815  | 2.985  | 3.155  | 3.239  |
| Natural Surface             | 2.829         | 2.062  | 2.082  | 2.189  | 2.125  |
| Chainage                    | 0             | 20     | 40     | 60     | 69.642 |
| Horiz Curve Data            |               |        |        |        |        |
| Superelevation              | LHS & RHS -3% |        |        |        |        |

LONGITUDINAL SECTION - MCF1

Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -3.00

| Depth to<br>Natural Surface | -0.946            | 0.248 | 0.264  |
|-----------------------------|-------------------|-------|--------|
| Design Height               | 3.083             | 3.233 | 3.246  |
| Natural Surface             | 2.137             | 3.480 | 3.510  |
| Chainage                    | 0                 | 20    | 20.916 |
| Horiz Curve Data            |                   |       |        |
| Superelevation              | LHS 2%<br>RHS -2% |       |        |

LONGITUDINAL SECTION - MCF2

Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -4.00

| Depth to<br>Natural Surface | 0.404 | -0.956 | -1.022 | -1.116 | -1.152 | -1.098 | -1.096 | -1.065 | -1.321 | -1.625 | -1.622 | -1.577 | -1.225 | -1.033 | -1.057 | -1.122 | -1.181 | -1.158 | -1.046 | -0.851 | -0.668 | -0.640 | -0.472 | -0.008  |
|-----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Design Height               | 3.428 | 3.298  | 3.272  | 3.249  | 3.333  | 3.338  | 3.338  | 3.371  | 3.531  | 3.750  | 3.750  | 3.718  | 3.518  | 3.347  | 3.347  | 3.347  | 3.347  | 3.346  | 3.242  | 3.106  | 2.951  | 2.930  | 2.930  | 2.930   |
| Natural Surface             | 3.832 | 2.342  | 2.249  | 2.134  | 2.181  | 2.240  | 2.242  | 2.306  | 2.210  | 2.125  | 2.128  | 2.141  | 2.293  | 2.314  | 2.290  | 2.226  | 2.166  | 2.188  | 2.196  | 2.255  | 2.283  | 2.290  | 2.458  | 2.922   |
| Chainage                    | 0     | 18.5   | 20     | 25.569 | 40     | 60     | 80     | 100    | 120    | 140    | 160    | 180    | 200    | 220    | 240    | 260    | 280    | 300    | 320    | 340    | 360    | 380    | 400    | 404.746 |

LONGITUDINAL SECTION - MCB1

Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -3.00

|                             |               |        |        |        |        |        |        |        |         |
|-----------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|---------|
| Depth to<br>Natural Surface | -0.000        | -0.327 | -0.306 | -0.272 | -0.604 | -0.920 | -0.930 | -1.074 | -1.074  |
| Design Height               | 2.489         | 2.429  | 2.400  | 2.406  | 2.757  | 3.148  | 3.157  | 3.407  | 3.407   |
| Natural Surface             | 2.489         | 2.102  | 2.095  | 2.134  | 2.152  | 2.228  | 2.227  | 2.333  | 2.333   |
| Chainage                    | 0             | 20     | 29.545 | 40     | 60     | 79.582 | 80     | 100    | 100.022 |
| Horiz Curve Data            | R-18m         |        |        |        |        | R12m   |        |        |         |
| Superelevation              | LHS -2% ----- |        |        |        |        |        |        |        |         |

LONGITUDINAL SECTION - MCP1

Vertical Geometry Grade (%)  
Vertical Grade Length  
Vertical Curve Length (m)  
Vertical Curve Radius (m)

DATUM R.L. -4.00

|                             |         |        |        |        |        |        |        |        |        |
|-----------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Depth to<br>Natural Surface | -0.674  | -0.662 | -0.668 | -0.347 | -0.339 | -0.303 | -0.109 | -0.008 | 0.000  |
| Design Height               | 2.946   | 2.938  | 2.766  | 2.709  | 2.584  | 2.544  | 2.395  | 2.298  | 2.282  |
| Natural Surface             | 2.273   | 2.276  | 2.098  | 2.362  | 2.245  | 2.241  | 2.285  | 2.291  | 2.282  |
| Chainage                    | 0       | 0.442  | 10.515 | 20     | 40     | 44.161 | 52.8   | 60     | 62.658 |
| Horiz Curve Data            | R8m     |        |        |        | R30m   |        |        |        |        |
| Superelevation              | LHS -2% |        |        |        |        |        |        |        |        |

LONGITUDINAL SECTION - MCP3

DRAWING FILE LOCATION / NAME  
C:\bms\smec-pw-04\dms06287\30033956-LS-1001.dwg

| EXTERNAL REFERENCE FILES | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      |
|--------------------------|-----|------------|---|
|                          | 01  | 28.02.2024 | 95% DESIGN ISSUE                                      |
|                          | 02  | 11.03.2024 | ISSUED FOR TENDER                                     |
|                          | 03  | 19.03.2024 | TENDER ADDENDUM - CONTROL LINE MCF1 & MCF2 AMENDED    |
|                          | 04  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS |

PLOT DATE  
22 April 2024

| WVR No. | APPROVAL | TITLE            |
|---------|----------|------------------|
| 003     | MM       | DRAFTER          |
| 004     | MM       | DRAFTING CHECK   |
| 005     | MM       | DESIGNER         |
| 006     | MM       | DESIGN CHECK     |
|         |          | PROJECT MANAGER  |
|         |          | PROJECT DIRECTOR |

CERTIFIED BY  
Mitchell Murphy

| NAME      | SCALES AT A1 SIZE DRAWING |
|-----------|---------------------------|
| A. BARKER | H 0 10 20 30 40m          |
| M. FIGG   | V 0 1 2 3 4m              |
| A. BARKER |                           |
| M. FIGG   |                           |
| M. FIGG   |                           |
| C. GREEN  |                           |

SIGNATURE  
RREQ No  
24.352  
DATE  
22.04.2024

DESIGNER  
SMC  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRRTINYA QLD 4575  
SMC PROJECT No 30033956



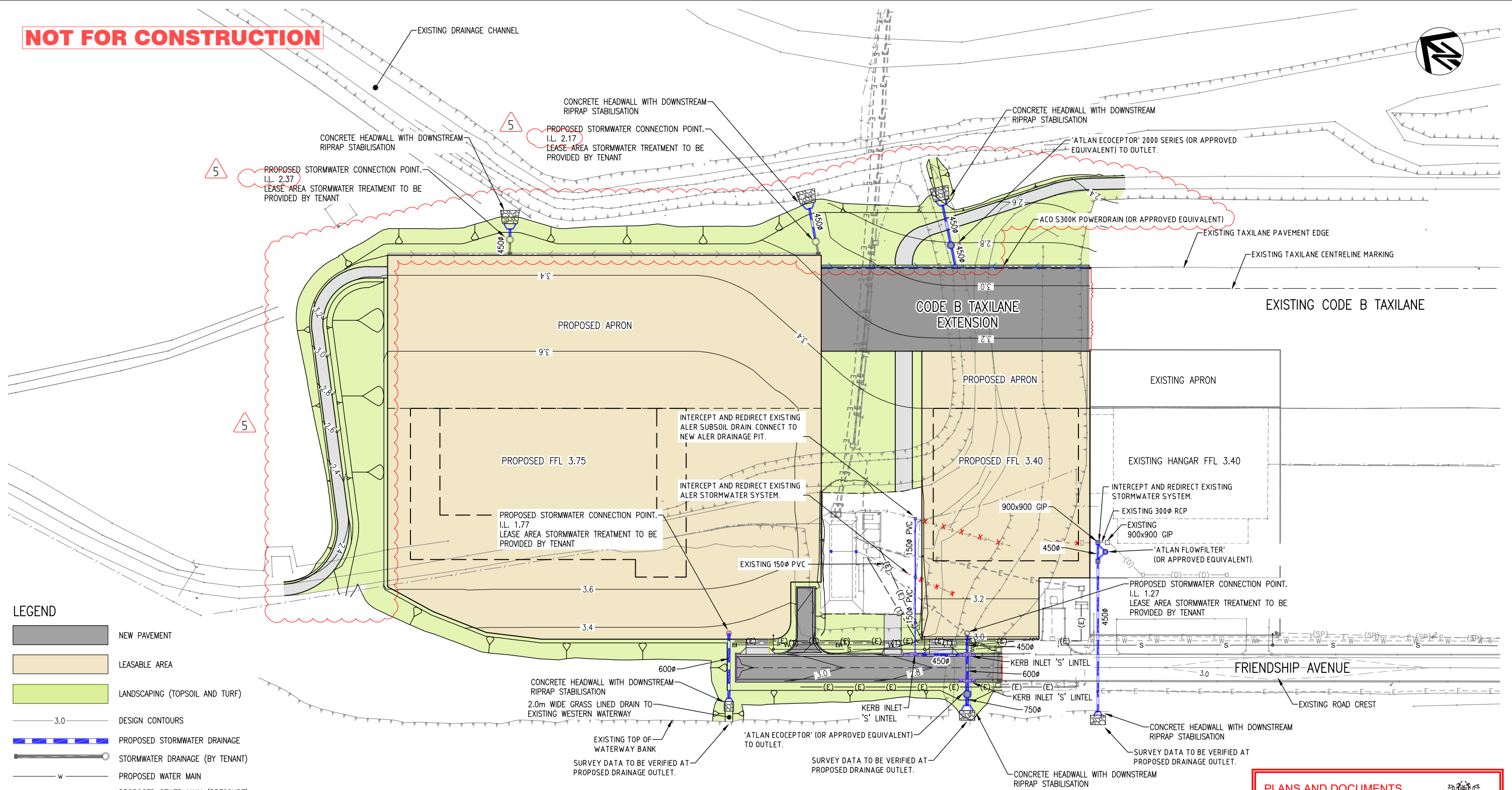
PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

CONTROL LINE LONGITUDINAL SECTIONS


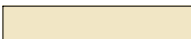

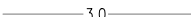


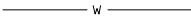
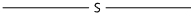
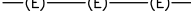








PHASE  
PRELIMINARY  
PROJECT / DRAWING No  
30033956-LS-1001  
REVISION  
04



**NOT FOR CONSTRUCTION**



### LEGEND

- 
- |   |   |
|---|---|
|  | NEW PAVEMENT                                    |
|  | LEASEABLE AREA                                  |
|  | LANDSCAPING (TOPSOIL AND TURF)                  |
|  | DESIGN CONTOURS                                 |
|  | PROPOSED STORMWATER DRAINAGE                    |
|  | STORMWATER DRAINAGE (BY TENANT)                 |
|  | PROPOSED WATER MAIN                             |
|  | PROPOSED SEWER MAIN (PRESSURE)                  |
|  | PROPOSED ELECTRICAL (DESIGN BY CV SERVICES)     |
|  | PROPOSED COMMUNICATIONS (DESIGN BY CV SERVICES) |
|  | EXISTING COMMUNICATIONS CONDUIT                 |
|  | EXISTING ELECTRICAL CONDUIT                     |
|  | EXISTING WATER MAIN                             |
|  | EXISTING SEWER MAIN (PRESSURE)                  |
|  | EXISTING STORMWATER                             |
|  | EXISTING SUBSOIL DRAIN                          |
|  | EXISTING STORMWATER TO BE REMOVED               |

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL


Approval no: DEV2024/1486

Date: 29 May 2024



## NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 30033956-GN-1001.
2. FOR DETAILED AIRSIDE DRAINAGE REFER TO DRAWING 30033956-DD-1003.
3. FOR DETAILED LANDSIDE DRAINAGE REFER TO DRAWING 30033956-DD-1004.
4. STORMWATER DRAINAGE PIPES TO BE 'ATLANFLOW ADS N12 HDPE'.

|   |    |            |   |                                  |                            |                  |                  |      |  |  |  |  |                  |  |                    |  |
|---|----|------------|---|----------------------------------|----------------------------|------------------|------------------|------|--|--|--|--|------------------|--|--------------------|--|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-DD-1001.dwg |    |            |   |                                  | PLOT DATE<br>22 April 2024 |                  | TIME<br>15:46:48 |      | CERTIFIED BY<br>Mitchell Murphy  |  | SIGNATURE<br> |  | RPEQ No<br>24352 |  | DATE<br>22.04.2024 |  |
| EXTERNAL REFERENCE FILES  |    | REV        | DATE  | AMENDMENT / REVISION DESCRIPTION | WVR No.                    | APPROVAL         | TITLE            | NAME | SCALES AT A1 SIZE DRAWING<br><div><div>0</div><div>5</div><div>10</div><div>15</div><div>20m</div></div> |  |  |  |                  |  |                    |  |
|   | 01 | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED                | 002                              | MM                         | DRAFTER          | A. BARKER        |      |  |  |  |  |                  |  |                    |  |
|   | 02 | 28.02.2024 | 95% DESIGN ISSUE                                      | 003                              | MM                         | DRAFTING CHECK   | M. MURPHY        |      |  |  |  |  |                  |  |                    |  |
|   | 03 | 11.03.2024 | ISSUED FOR TENDER                                     | 004                              | MM                         | DESIGNER         | A. BARKER        |      |  |  |  |  |                  |  |                    |  |
|   | 04 | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005                              | MM                         | DESIGN CHECK     | C. GREEN         |      |  |  |  |  |                  |  |                    |  |
|   | 05 | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006                              | MM                         | PROJECT MANAGER  | M. MURPHY        |      |  |  |  |  |                  |  |                    |  |
|   |    |            |   |                                  |                            | PROJECT DIRECTOR | C. GREEN         |      |  |  |  |  |                  |  |                    |  |

|  |          |
|--|----------|
|  | DESIGNER |
|--|----------|

DESIGNER

 **SMEC**

Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575

**SMEC PROJECT NO 30033956**

|  |        |
|--|--------|
|  | CLIENT |
|--|--------|



CLIENT



**Sunshine  
Coast  
Airport**

|               |   |
|---------------|---|
| PROJECT TITLE | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1) |
|---------------|---|

OVERALL DRAINAGE LAYOUT PLAN

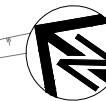
|             |                       |
|-------------|-----------------------|
| PHASE       | PROJECT / DRAWING No. |
| PRELIMINARY | 30033956-DD-1001      |

5



NOT FOR CONSTRUCTION

EXISTING DRAINAGE CHANNEL



PROPOSED STORMWATER CONNECTION POINT.  
LEASE AREA STORMWATER TREATMENT TO BE  
PROVIDED BY TENANT

PROPOSED STORMWATER CONNECTION POINT.  
LEASE AREA STORMWATER TREATMENT TO BE  
PROVIDED BY TENANT

EXISTING TAXILANE PAVEMENT EDGE

EXISTING TAXILANE CENTRELINE MARKING

EXISTING CODE B TAXILANE

CODE B TAXILANE  
EXTENSION

PROPOSED APRON

PROPOSED APRON

EXISTING APRON

PROPOSED FFL 3.75

PROPOSED FFL 3.40

EXISTING HANGAR FFL 3.40

PROPOSED STORMWATER CONNECTION POINT.  
I.L. 1.77  
LEASE AREA STORMWATER TREATMENT TO BE  
PROVIDED BY TENANT

FRIENDSHIP AVENUE

## LEGEND

- 3.0 DESIGN CONTOURS
- 01/01  
0.6954ha CATCHMENT LABEL
- 01  
01 PROPOSED DRAINAGE STRUCTURE LABELS
- PROPOSED STORMWATER DRAINAGE
- CATCHMENT BOUNDARY
- STORMWATER DRAINAGE (BY TENANT)
- W PROPOSED WATER MAIN
- S PROPOSED SEWER MAIN (PRESSURE)
- (E) (E) (E) PROPOSED ELECTRICAL (DESIGN BY CV SERVICES)
- (T) PROPOSED COMMUNICATIONS (DESIGN BY CV SERVICES)
- D D EXISTING STORMWATER
- E E EXISTING ELECTRICAL CONDUIT
- W W EXISTING WATER MAIN
- (SP) EXISTING SEWER MAIN (PRESSURE)
- T T EXISTING COMMUNICATIONS CONDUIT
- EXISTING SUBSOIL DRAIN

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



## NOTES

- FOR GENERAL NOTES REFER TO DRAWING 30033956-GN-1001.
- FOR DETAILED AIRSIDE DRAINAGE REFER TO DRAWING 30033956-DD-1003.
- FOR DETAILED LANDSIDE DRAINAGE REFER TO DRAWING 30033956-DD-1004.
- STORMWATER DRAINAGE PIPES TO BE 'ATLANFLOW ADS N12 HDPE'.

| DRAWING FILE LOCATION / NAME                    |     |            |   | PLOT DATE     |          | TIME            | CERTIFIED BY     | SIGNATURE                 | RPEQ No | DATE       |
|---|-----|------------|---|---------------|----------|-----------------|------------------|---------------------------|---------|------------|
| C:\bms\smec-pw-04\dms06287\30033956-DD-1002.dwg |     |            |   | 22 April 2024 |          | 15:47:23        | Mitchell Murphy  |                           | 24352   | 22.04.2024 |
| EXTERNAL REFERENCE FILES                        | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      | WVR No.       | APPROVAL | TITLE           | NAME             | SCALES AT A1 SIZE DRAWING |         |            |
|   | 01  | 28.02.2024 | 95% DESIGN ISSUE                                      | 003           | MM       | DRAFTER         | A. BARKER        | 0 5 10 15 20m             |         |            |
|   | 02  | 11.03.2024 | ISSUED FOR TENDER                                     | 004           | MM       | DRAFTING CHECK  | M. MURPHY        |                           |         |            |
|   | 03  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005           | MM       | DESIGNER        | A. BARKER        |                           |         |            |
|   | 04  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006           | MM       | DESIGN CHECK    | C. GREEN         |                           |         |            |
|   |     |            |   |               |          | PROJECT MANAGER | M. MURPHY        |                           |         |            |
|   |     |            |   |               |          |                 | PROJECT DIRECTOR | C. GREEN                  |         |            |

DESIGNER

**SMC**

Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575

SMC PROJECT No 30033956



PROJECT TITLE

SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

DRAINAGE CATCHMENT PLAN

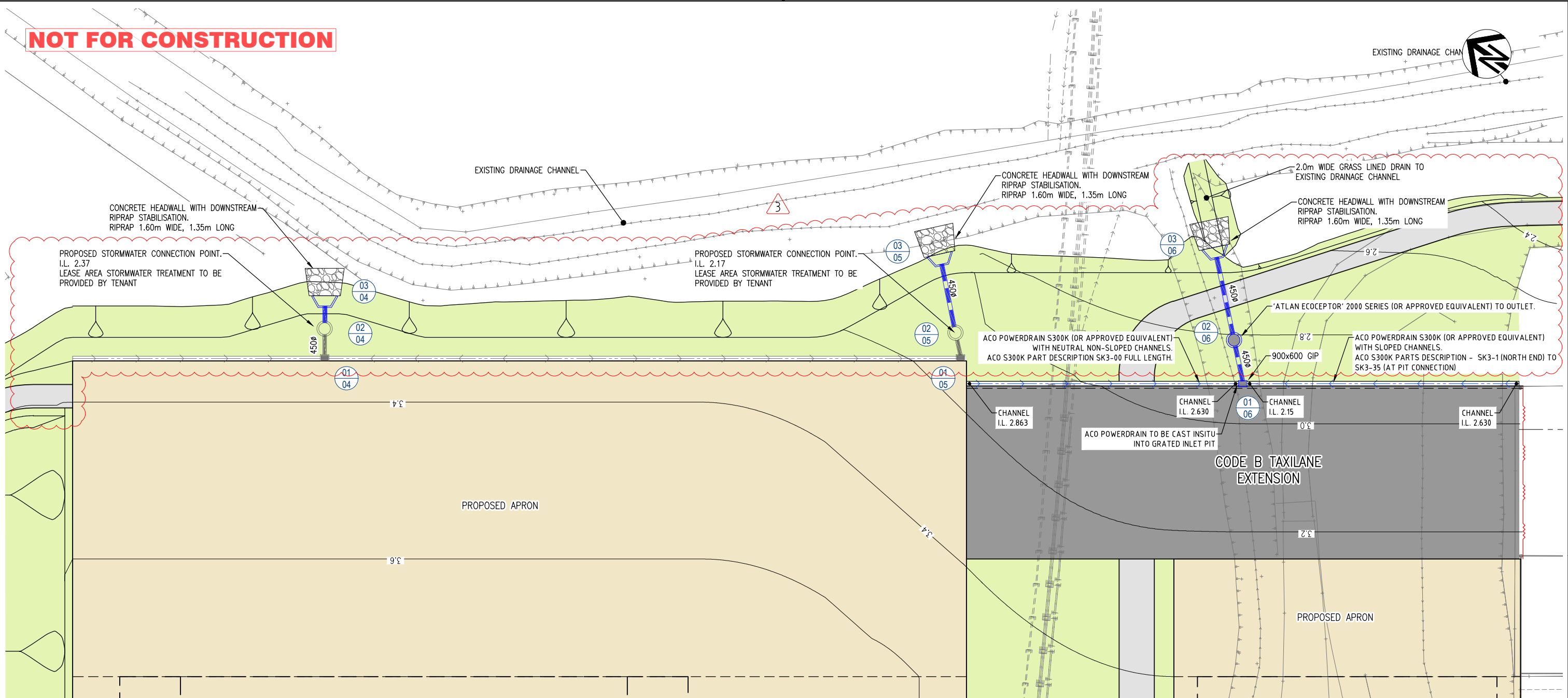
PHASE PRELIMINARY

PROJECT / DRAWING No. 30033956-DD-1002

REVISION 04



NOT FOR CONSTRUCTION



LEGEND

- NEW PAVEMENT
- LEASABLE AREA
- LANDSCAPING (TOPSOIL AND TURF)
- DESIGN CONTOURS
- PROPOSED DRAINAGE STRUCTURE LABELS
- PROPOSED STORMWATER DRAINAGE
- PROPOSED ACO K300 KLASSIKDRAIN (OR APPROVED EQUIVALENT)
- STORMWATER DRAINAGE (BY TENANT)
- EXISTING COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



NOTES

- FOR GENERAL NOTES REFER TO DRAWING 30033956-GN-1001.
- FOR DETAILED LANDSIDE DRAINAGE REFER TO DRAWING 30033956-DD-1004.
- STORMWATER DRAINAGE PIPES TO BE 'ATLANFLOW ADS N12 HDPE.

|   |  |  |  |                            |                  |                                 |           |   |                    |
|---|--|--|--|----------------------------|------------------|---------------------------------|-----------|---|--------------------|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-DD-1003.dwg |  |  |  | PLOT DATE<br>22 April 2024 | TIME<br>15:48:02 | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE | RPEQ No<br>24352  | DATE<br>22.04.2024 |
| EXTERNAL REFERENCE FILES  |  |  |  | WVR No.                    | APPROVAL         | TITLE                           | NAME      | SCALES AT A1 SIZE DRAWING   |                    |
|   |  |  |  | 003                        | MM               | DRAFTER                         | A. BARKER |   |                    |
|   |  |  |  | 004                        | MM               | DRAFTING CHECK                  | M. MURPHY |   |                    |
|   |  |  |  | 006                        | MM               | DESIGNER                        | A. BARKER |   |                    |
|   |  |  |  |                            |                  | DESIGN CHECK                    | C. GREEN  |   |                    |
|   |  |  |  |                            |                  | PROJECT MANAGER                 | M. MURPHY |   |                    |
|   |  |  |  |                            |                  | PROJECT DIRECTOR                | C. GREEN  |   |                    |
|   |  |  |  |                            |                  |                                 |           | DESIGNER  |                    |
|   |  |  |  |                            |                  |                                 |           |   |                    |
|   |  |  |  |                            |                  |                                 |           | CLIENT  |                    |
|   |  |  |  |                            |                  |                                 |           |   |                    |
|   |  |  |  |                            |                  |                                 |           | PROJECT TITLE   |                    |
|   |  |  |  |                            |                  |                                 |           | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1) |                    |
|   |  |  |  |                            |                  |                                 |           | DRAINAGE LAYOUT PLAN - AIRSIDE                                    |                    |
|   |  |  |  |                            |                  |                                 |           | PHASE   |                    |
|   |  |  |  |                            |                  |                                 |           | PRELIMINARY   |                    |
|   |  |  |  |                            |                  |                                 |           | PROJECT / DRAWING No.   |                    |
|   |  |  |  |                            |                  |                                 |           | 30033956-DD-1003  |                    |
|   |  |  |  |                            |                  |                                 |           | REVISION  |                    |
|   |  |  |  |                            |                  |                                 |           | 03  |                    |



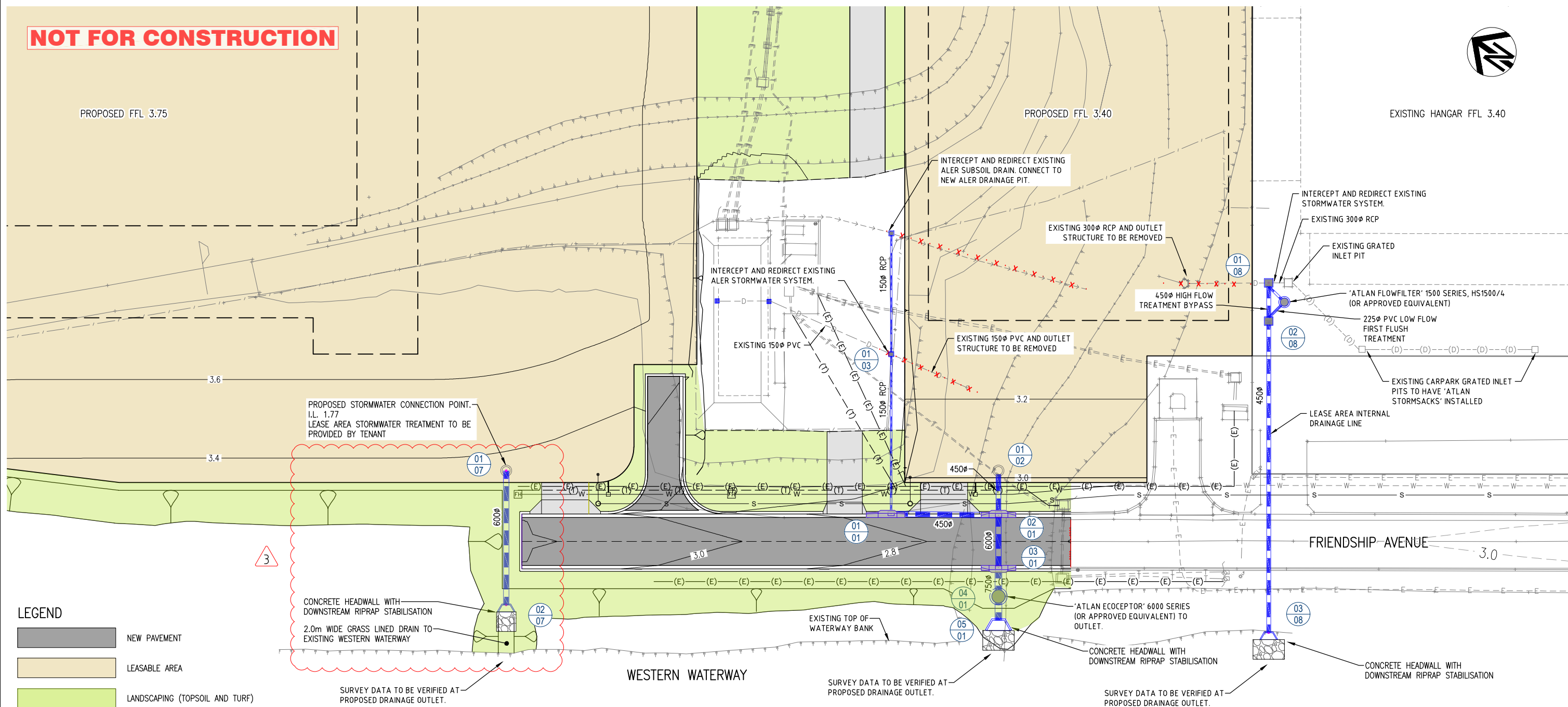
NOT FOR CONSTRUCTION



PROPOSED FFL 3.75

PROPOSED FFL 3.40

EXISTING HANGAR FFL 3.40



LEGEND

- NEW PAVEMENT
- LEASABLE AREA
- LANDSCAPING (TOPSOIL AND TURF)
- DESIGN CONTOURS
- PROPOSED STORMWATER DRAINAGE
- PROPOSED DRAINAGE STRUCTURE LABELS
- STORMWATER DRAINAGE (BY TENANT)
- PROPOSED WATER MAIN
- PROPOSED SEWER MAIN (PRESSURE)
- PROPOSED ELECTRICAL (DESIGN BY CV SERVICES)
- PROPOSED COMMUNICATIONS (DESIGN BY CV SERVICES)
- EXISTING STORMWATER
- EXISTING ELECTRICAL CONDUIT
- EXISTING WATER MAIN
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING COMMUNICATIONS CONDUIT
- EXISTING SUBSOIL DRAIN
- EXISTING STORMWATER TO BE REMOVED

|   |     |                            |  |                                 |           |                  |                    |
|---|-----|----------------------------|--|---------------------------------|-----------|------------------|--------------------|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dm506287\30033956-DD-1004.dwg |     | PLOT DATE<br>22 April 2024 | TIME<br>15:48:39                             | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE | RPEQ No<br>24352 | DATE<br>22.04.2024 |
| EXTERNAL REFERENCE FILES  | REV | DATE                       | AMENDMENT / REVISION DESCRIPTION             | WVR No.                         | APPROVAL  | TITLE            | NAME               |
|   | 01  | 28.02.2024                 | 95% DESIGN ISSUE                             | 003                             | MM        | DRAFTER          | A. BARKER          |
|   | 02  | 11.03.2024                 | ISSUED FOR TENDER                            | 004                             | MM        | DRAFTING CHECK   | M. MURPHY          |
|   | 03  | 19.03.2024                 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED | 005                             | MM        | DESIGNER         | A. BARKER          |
|   |     |                            |  |                                 |           | DESIGN CHECK     | C. GREEN           |
|   |     |                            |  |                                 |           | PROJECT MANAGER  | M. MURPHY          |
|   |     |                            |  |                                 |           | PROJECT DIRECTOR | C. GREEN           |

0 2 4 6 8 10m



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LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMEC PROJECT No 30033956



PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486

Date: 29 May 2024



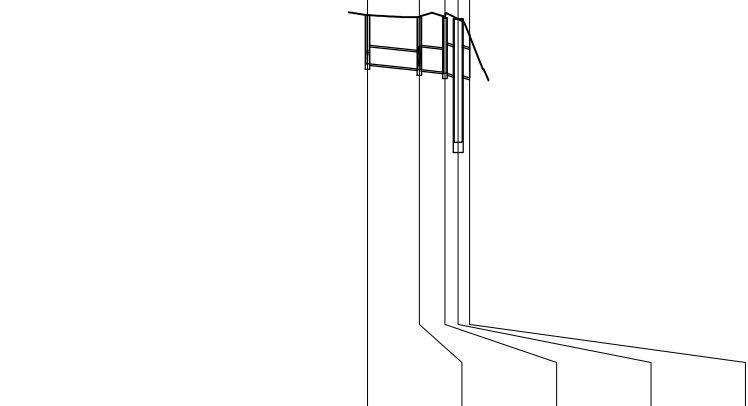
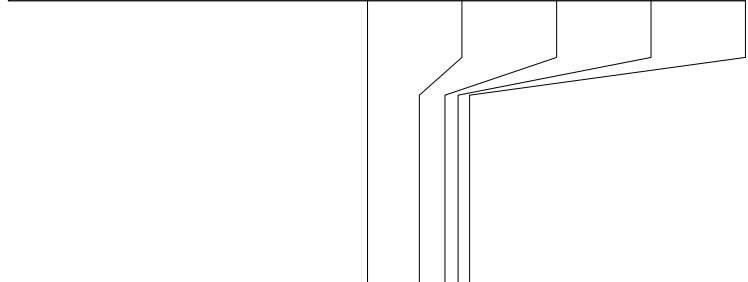
PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

DRAINAGE LAYOUT PLAN - LANDSIDE

|                      |   |                |
|----------------------|---|----------------|
| PHASE<br>PRELIMINARY | PROJECT / DRAWING No.<br>30033956-DD-1004 | REVISION<br>03 |
|----------------------|---|----------------|



| STRUCTURE LABEL       | 01-01                             |
|-----------------------|-----------------------------------|
| STRUCTURE DESCRIPTION | IPWEAQ Kerb Inlet<br>LL: S Lintel |

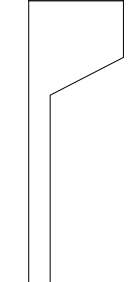


|                     |           |         |       |       |
|---------------------|-----------|---------|-------|-------|
| PIPE SIZE (mm)      | 450       | 600     | 750   | 750   |
| PIPE CLASS          | ATLANFlow | ADS N12 |       |       |
| PIPE GRADE (%)      | 1.00%     | 1.00%   | 2.00% | 2.00% |
| PIPE SLOPE (1 in X) | 100.00    | 100.00  | 50.00 | 50.00 |
| DATUM RL            | -13.0     |         |       |       |

|                       |                             |        |                             |       |                             |       |                             |       |                             |       |       |       |
|-----------------------|-----------------------------|--------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-------|-------|
| DEPTH TO INVERT       | 1.286                       | 1.400  | 1.263                       | 1.370 | 1.243                       | 1.390 | 1.443                       | 1.463 | 1.498                       | 1.498 | 1.100 | 1.201 |
| INVERT LEVEL OF DRAIN |                             |        |                             |       |                             |       |                             |       |                             |       |       |       |
| REFERENCE LEVEL       | 2.686                       |        | 2.633                       | 2.633 | 2.633                       | 2.633 | 2.618                       | 2.583 | 2.583                       | 2.583 | 0.924 | 0.924 |
| REFERENCE POINT       | E 508193.86<br>N 7057870.08 |        | E 508202.91<br>N 7057859.83 |       | E 508197.86<br>N 7057855.25 |       | E 508195.26<br>N 7057852.90 |       | E 508194.89<br>N 7057852.56 |       |       |       |
| CHAINAGE              | 0                           | 13.673 | 13.67                       | 6.825 | 20.5                        | 3.499 | 24                          | 3.031 | 27.03                       |       |       |       |

LINE 01

|  |       |
|--|-------|
| LEASE AREA STORMWATER TREATMENT<br>BY TENANT | 01-02 |
| IPWEAQ Kerb Inlet<br>LL: S Lintel            | 02-01 |

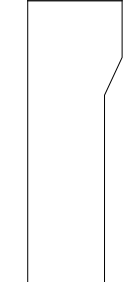


|                     |                   |
|---------------------|-------------------|
| PIPE SIZE (mm)      | 525               |
| PIPE CLASS          | ATLANFlow ADS N12 |
| PIPE GRADE (%)      | 0.50%             |
| PIPE SLOPE (1 in X) | 200.00            |
| DATUM RL            | -12.0             |

|                       |                             |       |                             |       |                             |       |                             |       |
|-----------------------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|
| DEPTH TO INVERT       | 1.653                       | 1.365 | 1.653                       | 1.365 | 1.337                       | 1.297 | 1.243                       | 1.390 |
| INVERT LEVEL OF DRAIN |                             |       |                             |       |                             |       |                             |       |
| REFERENCE LEVEL       | 3.018                       |       | 2.633                       | 2.633 | 2.633                       | 2.633 | 2.633                       | 2.633 |
| REFERENCE POINT       | E 508207.12<br>N 7057863.64 |       | E 508202.91<br>N 7057859.83 |       | E 508197.86<br>N 7057855.25 |       | E 508195.26<br>N 7057852.90 |       |
| CHAINAGE              | 0                           | 5.675 | 5.68                        |       |                             |       |                             |       |

LINE 02

|   |       |
|---|-------|
| TMR concrete gully (sag)<br>Single Field Inlet Type 1 | 01-03 |
| IPWEAQ Kerb Inlet<br>LL: S Lintel                     | 01-01 |

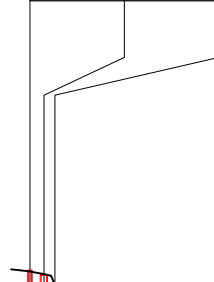


|                     |       |
|---------------------|-------|
| PIPE SIZE (mm)      | 150   |
| PIPE CLASS          | PVC   |
| PIPE GRADE (%)      | 5.00% |
| PIPE SLOPE (1 in X) | 20.00 |
| DATUM RL            | -12.0 |

|                       |                             |        |                             |       |                             |       |
|-----------------------|-----------------------------|--------|-----------------------------|-------|-----------------------------|-------|
| DEPTH TO INVERT       | 0.937                       | 2.639  | 0.937                       | 1.063 | 1.400                       | 1.286 |
| INVERT LEVEL OF DRAIN |                             |        |                             |       |                             |       |
| REFERENCE LEVEL       | 3.576                       |        | 2.639                       | 2.686 | 2.686                       | 2.686 |
| REFERENCE POINT       | E 508208.92<br>N 7057870.08 |        | E 508193.86<br>N 7057870.08 |       | E 508194.89<br>N 7057852.56 |       |
| CHAINAGE              | 0                           | 20.307 | 20.31                       |       |                             |       |

LINE 03

|   |       |
|---|-------|
| IPWEAQ Field Inlet 900x600<br>Type 2B Refer IPWEAQ Std. Drg. DS-050<br>By Tenant<br>'Alton Ecoceptor' (or approved equivalent)<br>By Tenant | 01-04 |
| IPWEAQ Field Inlet 900x600<br>Type 2B Refer IPWEAQ Std. Drg. DS-050<br>By Tenant<br>'Alton Ecoceptor' (or approved equivalent)<br>By Tenant | 02-04 |
| Cast insitu RCP headwall<br>Refer TMR Std. Drg. 1305  | 03-04 |

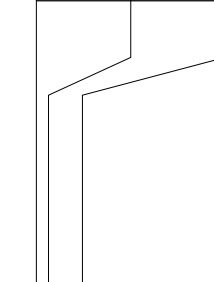


|                     |       |       |
|---------------------|-------|-------|
| PIPE SIZE (mm)      | 450   | 450   |
| PIPE CLASS          | RCP 2 | RCP 4 |
| PIPE GRADE (%)      | 2.00% | 2.00% |
| PIPE SLOPE (1 in X) | 50.00 | 50.00 |
| DATUM RL            | -13.0 |       |

|                       |                             |       |                             |       |                             |       |                             |       |                             |       |                             |
|-----------------------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|
| DEPTH TO INVERT       | 0.899                       | 2.440 | 0.899                       | 0.900 | 0.900                       | 0.667 | 2.111                       | 2.308 | 0.667                       | 2.111 | 0.863                       |
| INVERT LEVEL OF DRAIN |                             |       |                             |       |                             |       |                             |       |                             |       |                             |
| REFERENCE LEVEL       | 3.339                       |       | 3.260                       | 3.260 | 3.260                       | 3.260 | 2.111                       | 2.111 | 2.111                       | 2.111 | 2.111                       |
| REFERENCE POINT       | E 508200.35<br>N 7058019.80 |       | E 508218.79<br>N 7058002.96 |       | E 508218.79<br>N 7058002.96 |       | E 508227.04<br>N 7058010.43 |       | E 508227.04<br>N 7058010.43 |       | E 508227.04<br>N 7058010.43 |
| CHAINAGE              | -5.65                       | 7.000 | -1.95                       | 2.912 | 0.96                        |       |                             |       |                             |       |                             |

LINE 04

|   |       |
|---|-------|
| IPWEAQ Field Inlet 900x600<br>Type 2B Refer IPWEAQ Std. Drg. DS-050<br>By Tenant<br>'Alton Ecoceptor' (or approved equivalent)<br>By Tenant | 01-05 |
| IPWEAQ Field Inlet 900x600<br>Type 2B Refer IPWEAQ Std. Drg. DS-050<br>By Tenant<br>'Alton Ecoceptor' (or approved equivalent)<br>By Tenant | 02-05 |
| Cast insitu RCP headwall<br>Refer TMR Std. Drg. 1305  | 03-05 |

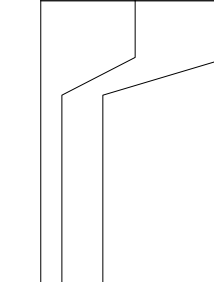


|                     |       |       |
|---------------------|-------|-------|
| PIPE SIZE (mm)      | 450   | 450   |
| PIPE CLASS          | RCP 2 | RCP 4 |
| PIPE GRADE (%)      | 2.00% | 2.00% |
| PIPE SLOPE (1 in X) | 49.99 | 50.00 |
| DATUM RL            | -12.0 |       |

|                       |                             |       |                             |       |                             |       |                             |       |                             |       |                             |
|-----------------------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|
| DEPTH TO INVERT       | 0.900                       | 2.236 | 0.900                       | 0.932 | 0.931                       | 0.606 | 1.757                       | 1.993 | 0.606                       | 1.757 | 0.841                       |
| INVERT LEVEL OF DRAIN |                             |       |                             |       |                             |       |                             |       |                             |       |                             |
| REFERENCE LEVEL       | 3.136                       |       | 3.053                       | 3.053 | 3.053                       | 3.053 | 2.111                       | 2.111 | 2.111                       | 2.111 | 2.111                       |
| REFERENCE POINT       | E 508254.82<br>N 7057959.70 |       | E 508256.56<br>N 7057961.28 |       | E 508256.56<br>N 7057961.28 |       | E 508264.67<br>N 7057968.64 |       | E 508264.67<br>N 7057968.64 |       | E 508264.67<br>N 7057968.64 |
| CHAINAGE              | -5.65                       | 5.650 | -2.38                       | 8.913 | 6.53                        |       |                             |       |                             |       |                             |

LINE 05

|   |       |
|---|-------|
| IPWEAQ Field Inlet 900x600<br>Type 2B Refer IPWEAQ Std. Drg. DS-050 | 01-06 |
| 'Alton Ecoceptor' 2000 Series (or approved equivalent)              | 02-06 |
| Cast insitu RCP headwall<br>Refer TMR Std. Drg. 1305                | 03-06 |

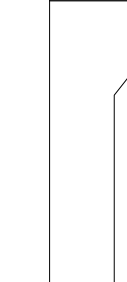


|                     |       |       |
|---------------------|-------|-------|
| PIPE SIZE (mm)      | 450   | 450   |
| PIPE CLASS          | RCP 4 | RCP 4 |
| PIPE GRADE (%)      | 2.00% | 2.00% |
| PIPE SLOPE (1 in X) | 50.00 | 49.99 |
| DATUM RL            | -13.0 |       |

|                       |                             |       |                             |        |                             |       |                             |       |                             |       |                             |
|-----------------------|-----------------------------|-------|-----------------------------|--------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|
| DEPTH TO INVERT       | 0.900                       | 2.024 | 0.900                       | 0.905  | 0.905                       | 0.468 | 1.307                       | 1.695 | 0.468                       | 1.307 | 0.856                       |
| INVERT LEVEL OF DRAIN |                             |       |                             |        |                             |       |                             |       |                             |       |                             |
| REFERENCE LEVEL       | 2.924                       |       | 2.811                       | 2.811  | 2.811                       | 2.811 | 2.111                       | 2.111 | 2.111                       | 2.111 | 2.111                       |
| REFERENCE POINT       | E 508276.55<br>N 7057930.81 |       | E 508280.73<br>N 7057934.60 |        | E 508280.73<br>N 7057934.60 |       | E 508294.82<br>N 7057947.37 |       | E 508294.82<br>N 7057947.37 |       | E 508294.82<br>N 7057947.37 |
| CHAINAGE              | 0                           | 5.650 | 5.64                        | 19.008 | 16.45                       |       |                             |       |                             |       |                             |

LINE 06

|  |       |
|--|-------|
| LEASE AREA STORMWATER TREATMENT<br>BY TENANT         | 01-07 |
| Cast insitu RCP headwall<br>Refer TMR Std. Drg. 1305 | 02-07 |

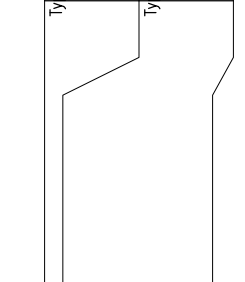


|                     |                   |
|---------------------|-------------------|
| PIPE SIZE (mm)      | 600               |
| PIPE CLASS          | ATLANFlow ADS N12 |
| PIPE GRADE (%)      | 1.00%             |
| PIPE SLOPE (1 in X) | 100.00            |
| DATUM RL            | -12.0             |

|                       |                             |        |                             |       |                             |
|-----------------------|-----------------------------|--------|-----------------------------|-------|-----------------------------|
| DEPTH TO INVERT       | 1.581                       | 1.770  | 1.581                       | 0.464 | 0.464                       |
| INVERT LEVEL OF DRAIN |                             |        |                             |       |                             |
| REFERENCE LEVEL       | 3.351                       |        | 2.404                       | 1.599 | 1.599                       |
| REFERENCE POINT       | E 508165.05<br>N 7057910.06 |        | E 508152.40<br>N 7057898.59 |       | E 508152.40<br>N 7057898.59 |
| CHAINAGE              | 0                           | 17.080 | 17.08                       |       |                             |

LINE 07

|  |       |
|--|-------|
| IPWEAQ Field Inlet 900x900<br>Type 2 Refer IPWEAQ Std. Drg. DS-050 | 01-08 |
| IPWEAQ Field Inlet 900x900<br>Type 2 Refer IPWEAQ Std. Drg. DS-050 | 02-08 |
| Cast insitu RCP headwall<br>Refer TMR Std. Drg. 1305               | 03-08 |



|                     |           |         |
|---------------------|-----------|---------|
| PIPE SIZE (mm)      | 450       | 450     |
| PIPE CLASS          | ATLANFlow | ADS N12 |
| PIPE GRADE (%)      | 1.00%     | 1.30%   |
| PIPE SLOPE (1 in X) | 100.00    | 76.92   |
| DATUM RL            | -12.0     |         |

|                       |                             |       |                             |        |                             |       |                             |       |
|-----------------------|-----------------------------|-------|-----------------------------|--------|-----------------------------|-------|-----------------------------|-------|
| DEPTH TO INVERT       | 1.270                       | 2.120 | 1.270                       | 1.320  | 1.320                       | 0.425 | 1.556                       | 0.425 |
| INVERT LEVEL OF DRAIN |                             |       |                             |        |                             |       |                             |       |
| REFERENCE LEVEL       | 3.390                       |       | 3.391                       | 2.071  | 2.071                       | 2.071 | 1.981                       | 1.981 |
| REFERENCE POINT       | E 508247.90<br>N 7057854.20 |       | E 508244.29<br>N 7057850.93 |        | E 508244.29<br>N 7057850.93 |       | E 508214.93<br>N 7057824.32 |       |
| CHAINAGE              | 0                           | 4.870 | 4.87                        | 39.629 | 44.5                        |       |                             |       |

LINE 08

DRAWING LOCATION / NAME  
C:\bms\smec-pw-04\dms06287\30033956-DD-1010.dwg

| REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      |
|-----|------------|---|
| 01  | 28.02.2024 | 95% DESIGN ISSUE                                      |
| 02  | 11.03.2024 | ISSUED FOR TENDER                                     |
| 03  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          |
| 04  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS |

PLOT DATE  
22 April 2024

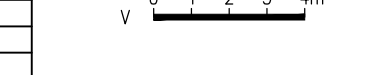
| APPROVAL | TITLE            | NAME      |
|----------|------------------|-----------|
| MM       | DRAFTER          | A. BARKER |
| MM       | DRAFTING CHECK   | M. FIGG   |
| MM       | DESIGNER         | A. BARKER |
| MM       | DESIGN CHECK     | M. FIGG   |
| MM       | PROJECT MANAGER  | M. FIGG   |
| MM       | PROJECT DIRECTOR | C. GREEN  |

CERTIFIED BY  
Mitchell Murphy

| NAME      | SIGNATURE |
|-----------|-----------|
| A. BARKER |           |
| M. FIGG   |           |
| A. BARKER |           |
| M. FIGG   |           |
| M. FIGG   |           |
| C. GREEN  |           |

RPEQ No  
24.352

| DATE       | DATE       |
|------------|------------|
| 22.04.2024 | 22.04.2024 |



DESIGNER  
SMC  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956

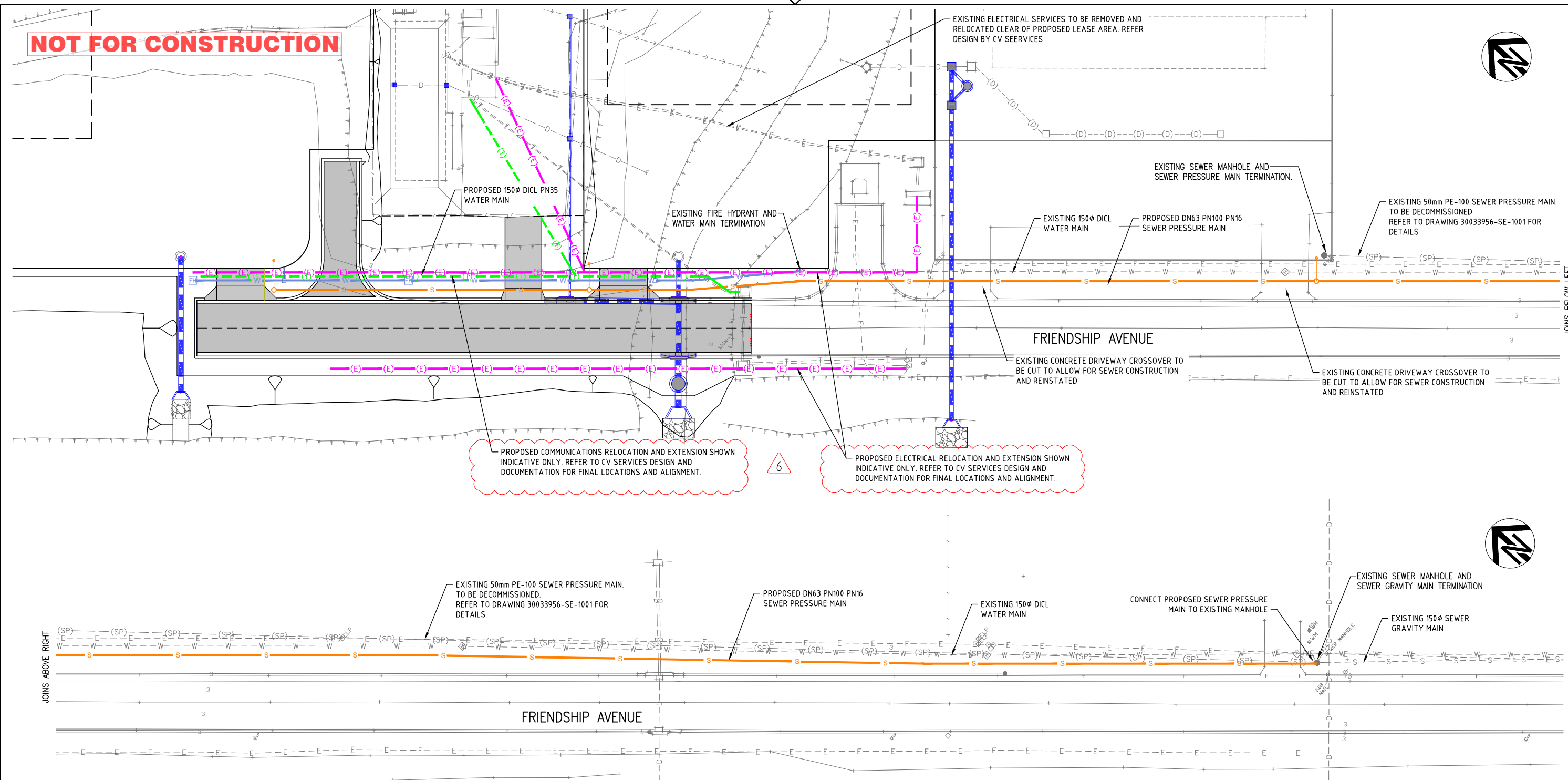
CLIENT  
Sunshine Coast Airport

PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

DRAINAGE LONGITUDINAL SECTIONS

| PHASE       | PROJECT / DRAWING No. | REVISION |
|-------------|-----------------------|----------|
| PRELIMINARY | 30033956-DD-1010      | 04       |

NOT FOR CONSTRUCTION



LEGEND

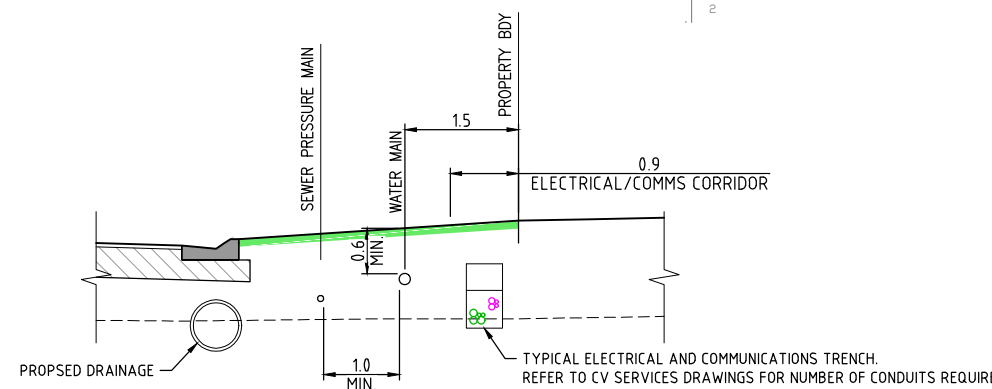
- STORMWATER DRAINAGE
- PROPOSED WATER MAIN
- PROPOSED SEWER MAIN (PRESSURE)
- PROPOSED ELECTRICAL (BY CV SERVICES)
- PROPOSED COMMUNICATIONS (BY CV SERVICES)
- EXISTING COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- EXISTING WATER MAIN
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING STORMWATER
- EXISTING SUBSOIL DRAIN

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
The locations of underground services are approximate only and their exact position should be proven on site.  
No guarantee is given that all existing services are shown. Locate all underground services before commencement of works  
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www.byda.com.au



COMBINED SERVICES CROSS SECTION - FRIENDSHIP AVENUE  
SCALE B

| DRAWING FILE LOCATION / NAME                    |     |            |  | PLOT DATE     | TIME     | CERTIFIED BY     | SIGNATURE | RPEQ No                   | DATE       |
|---|-----|------------|--|---------------|----------|------------------|-----------|---------------------------|------------|
| C:\bms\smec-pw-04\dms06287\30033956-CS-1001.dwg |     |            |  | 22 April 2024 | 15:49:50 | Mitchell Murphy  |           | 24352                     | 22.04.2024 |
| EXTERNAL REFERENCE FILES                        | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                     | WVR No.       | APPROVAL | TITLE            | NAME      | SCALES AT A1 SIZE DRAWING |            |
|   | 01  | 09.02.2024 | 50% DESIGN ISSUE                                     | 001           | MM       | DRAFTER          | A. BARKER | PLAN 0 2 4 6 8 10m        |            |
|   | 02  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED               | 002           | MM       | DRAFTING CHECK   | M. MURPHY | B 0 1.0 2.0m              |            |
|   | 03  | 28.02.2024 | 95% DESIGN ISSUE                                     | 003           | MM       | DESIGNER         | A. BARKER |                           |            |
|   | 04  | 11.03.2024 | ISSUED FOR TENDER                                    | 004           | MM       | DESIGN CHECK     | C. GREEN  |                           |            |
|   | 05  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED         | 005           | MM       | PROJECT MANAGER  | M. MURPHY |                           |            |
|   | 06  | 26.03.2024 | TENDER ADDENDUM - COMMS AND ELECTRICAL NOTES AMENDED | 006           | MM       | PROJECT DIRECTOR | C. GREEN  |                           |            |

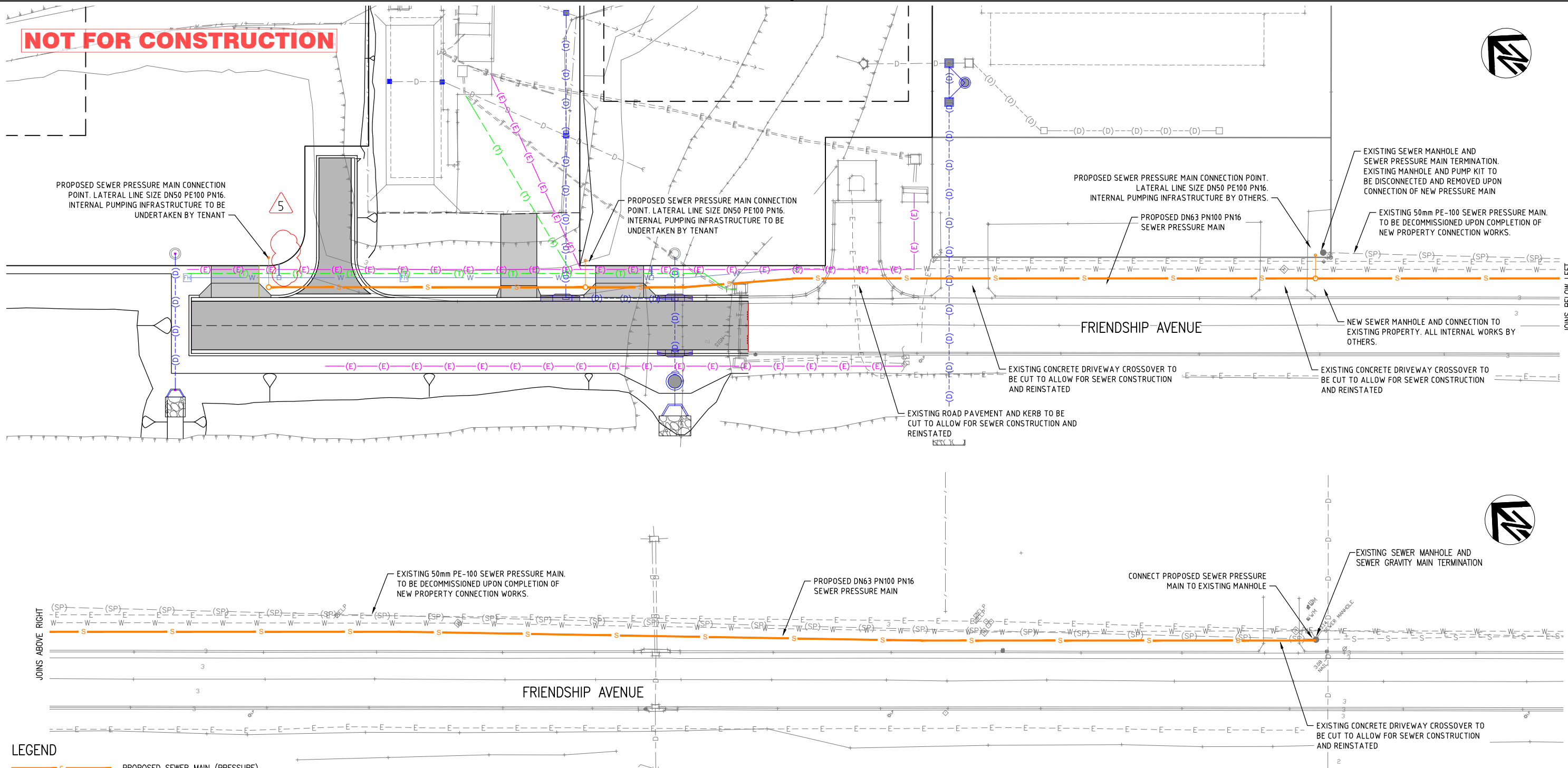
DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRRTINYA QLD 4575  
SMC PROJECT No 30033956



| PROJECT TITLE   |   |                |
|---|---|----------------|
| SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1) |   |                |
| COMBINED SERVICES PLAN  |   |                |
| PHASE<br>PRELIMINARY  | PROJECT / DRAWING No.<br>30033956-CS-1001 | REVISION<br>06 |



NOT FOR CONSTRUCTION



LEGEND

- PROPOSED SEWER MAIN (PRESSURE)
- PROPOSED SEWER PROPERTY CONNECTION
- PROPOSED STORMWATER DRAINAGE
- PROPOSED WATER MAIN
- PROPOSED ELECTRICAL (DESIGN BY CV SERVICES)
- PROPOSED COMMUNICATIONS (DESIGN BY CV SERVICES)
- EXISTING SEWER MAIN (GRAVITY)
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- EXISTING WATER MAIN
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING STORMWATER
- EXISTING SUBSOIL DRAIN

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



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The locations of underground services are approximate only and their exact position should be proven on site.  
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Locate all underground services before commencement of works  
**BEFORE YOU DIG AUSTRALIA**  
www.byd8.com.au

UNITYWATER SEWER PRESSURE MAIN WORKS NOTES:

- ALL DESIGN OF SEWER PRESSURE MAIN WORKS HAS BEEN DESIGNED IN ACCORDANCE WITH THE PRESSURE SEWERAGE CODE OF AUSTRALIA, SEQ WATER SUPPLY AND SEWERAGE DESIGN AND CONSTRUCTION CODE VERSION 1.0 (2013), PART 1: DESIGN AND PART 4: STANDARD DRAWINGS. THE CONTRACTOR SHALL OBTAIN AND FAMILIARISE THEMSELVES WITH THE DOCUMENT TO ENSURE ALL CONSTRUCTION IS COMPLIANT.
- ALL CONSTRUCTION OF SEWER PRESSURE MAIN WORKS SHALL BE IN ACCORDANCE WITH THE PRESSURE SEWERAGE CODE OF AUSTRALIA, SEQ WATER SUPPLY AND SEWERAGE DESIGN AND CONSTRUCTION CODE, VERSION 1.0 (2013), PART 3: CONSTRUCTION AND PART 4: STANDARD DRAWINGS. THE CONTRACTOR SHALL OBTAIN AND FAMILIARISE THEMSELVES WITH THE DRAWINGS TO ENSURE ALL CONSTRUCTION IS COMPLIANT.
- CONSTRUCTION WORKS SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO UNITYWATER'S SEWERAGE NETWORK.
- ALL LIVE WORKS ASSOCIATED WITH THE GRAVITY SEWERAGE NETWORK SHALL BE CARRIED OUT AT THE DEVELOPER'S COST, EITHER:  
A) BY THE CONSTRUCTOR, FOR 'MINOR' SEWERAGE CONNECTION WORKS, DEFINED IN THE

- A&C MANUAL UNDER SECTION PRE-START MEETING UNDER THE INSPECTION PROCESS, AND SHALL FOLLOW THE PLANNED NETWORK INTERVENTION PROCESS, OR
- BY QUOTATION REQUEST TO UNITYWATER PRIVATE WORKS, FOR SEWERAGE CONNECTION WORKS NOT MEETING THE CRITERIA FOR CLASSIFICATION AS 'MINOR'.
- THE CONSTRUCTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT ASSET OWNERS AND AUTHORITIES BEFORE COMMENCING WORKS.
- PRIOR TO COMMENCEMENT OF ANY VARIATION WORKS, THE CONSTRUCTOR MUST FIRST OBTAIN APPROVAL FROM THE REGISTERED MAJOR CONNECTIONS CERTIFIER.
- WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF MATERIALS MAXIMUM COMPACTION WHEN TESTED IN ACCORDANCE WITH A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY UNITYWATER UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
- THE CONTRACTOR SHALL OBTAIN AND FAMILIARIZE THEMSELVES WITH THE UNITYWATER ACCREDITATION AND CERTIFICATION MANUAL (PR10255) TO UNDERSTAND THEIR OBLIGATIONS UNDER THE A&C SYSTEM.

DRAWING FILE LOCATION / NAME  
C:\bms\smec-pw-04\dms06287\30033956-SE-1001.dwg

PLOT DATE  
22 April 2024

TIME  
15:50:29

CERTIFIED BY  
Mitchell Murphy

SIGNATURE

RPEQ No  
24352

DATE  
22.04.2024

EXTERNAL REFERENCE FILES

| REV | DATE       | AMENDMENT / REVISION DESCRIPTION             |
|-----|------------|--|
| 01  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED       |
| 02  | 28.02.2024 | 95% DESIGN ISSUE                             |
| 03  | 11.03.2024 | ISSUED FOR TENDER                            |
| 04  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED |
| 05  | 26.03.2024 | TENDER ADDENDUM - WATER CONNECTION RELOCATED |

WVR No.

APPROVAL

TITLE

NAME

DESIGNER

DESIGN CHECK

PROJECT MANAGER

PROJECT DIRECTOR

NAME

NAME

NAME

NAME

NAME

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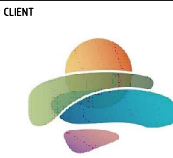
NAME

NAME



Member of the Surbana Jurong Group  
© ABN 47 065 475 149

LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956



Sunshine  
Coast  
Airport

PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

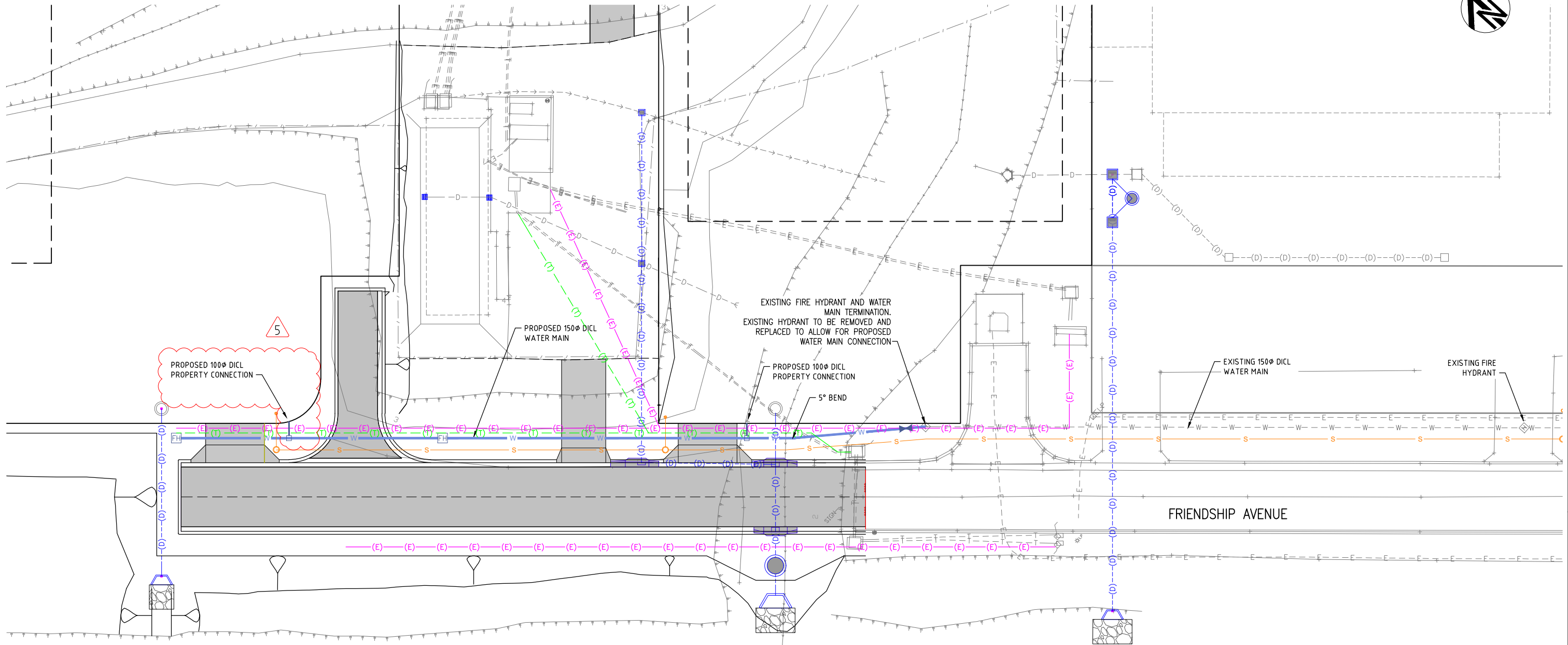
SEWER LAYOUT PLAN

PHASE  
PRELIMINARY

PROJECT / DRAWING No.  
30033956-SE-1001

REVISION  
05

NOT FOR CONSTRUCTION



LEGEND

- PROPOSED WATER MAIN
- PROPOSED FIRE HYDRANT
- PROPOSED PROPERTY CONNECTION
- PROPOSED VALVE
- PROPOSED SEWER MAIN (PRESSURE)
- PROPOSED STORMWATER DRAINAGE
- PROPOSED ELECTRICAL (BY CV SERVICES)
- PROPOSED COMMUNICATIONS (BY CV SERVICES)
- EXISTING SEWER MAIN (GRAVITY)
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING COMMUNICATIONS CONDUIT
- EXISTING ELECTRICAL CONDUIT
- EXISTING WATER MAIN
- EXISTING SEWER MAIN (PRESSURE)
- EXISTING STORMWATER
- EXISTING SUBSOIL DRAIN

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**BEFORE YOU DIG AUSTRALIA**  
www.byda.com.au

UNITYWATER WATER SUPPLY NETWORK WORKS NOTES:

- ALL DESIGN OF WATER SUPPLY NETWORK WORKS HAS BEEN DESIGNED IN ACCORDANCE WITH THE WATER SUPPLY CODE OF AUSTRALIA, SOUTH EAST QUEENSLAND SERVICE PROVIDERS EDITION VERSION 1.3 AUGUST 2019, PART 1: PLANNING AND DESIGN AND PART 3: DRAWINGS. THE CONTRACTOR SHALL OBTAIN AND FAMILIARISE THEMSELVES WITH THE DOCUMENT TO ENSURE ALL CONSTRUCTION IS COMPLAINT.
- ALL CONSTRUCTION OF WATER SUPPLY NETWORK WORKS SHALL BE IN ACCORDANCE WITH THE WATER SUPPLY CODE OF AUSTRALIA, SOUTH EAST QUEENSLAND SERVICE PROVIDERS EDITION VERSION 1.3 (AUGUST 2019), PART 2: CONSTRUCTION AND PART 3: DRAWINGS. THE CONTRACTOR SHALL OBTAIN AND FAMILIARISE THEMSELVES WITH THE DRAWINGS TO ENSURE ALL CONSTRUCTION IS COMPLAINT.
- ALL PRODUCTS AND MATERIALS USED IN CONSTRUCTION OF WATER SUPPLY NETWORK WORKS SHALL BE IN ACCORDANCE WITH THE SOUTH EAST QUEENSLAND CODE ACCEPTED CIVIL INFRASTRUCTURE PRODUCTS AND MATERIAL LIST, AND THE MOST RECENT VERSION OF THE LIST EFFECT AT THE DATE OF THE CONSTRUCTION PRE-START MEETING.
- CONSTRUCTION WORKS SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO UNITYWATER'S WATER SUPPLY NETWORK.
- ALL LIVE WORKS ASSOCIATED WITH THE WATER SUPPLY NETWORK SHALL BE CARRIED OUT AT THE DEVELOPER'S COST BY QUOTATION REQUEST TO UNITYWATER PRIVATE WORKS ONLY.
- THE CONSTRUCTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT ASSET OWNERS AND AUTHORITIES BEFORE COMMENCING WORKS.
- PRIOR TO COMMENCEMENT OF ANY VARIATION WORKS, THE CONSTRUCTOR MUST FIRST OBTAIN APPROVAL FROM THE REGISTERED MAJOR CONNECTIONS CERTIFIER.
- TEST/CHLORINATION POINTS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NO. SEQ-WAT-1410-1 WHERE A PROPERTY SERVICE CONNECTION POINT CAN NOT BE SUITABLY USED.
- THE CONTRACTOR SHALL OBTAIN AND FAMILIARIZE THEMSELVES WITH THE UNITYWATER ACCREDITATION AND CERTIFICATION MANUAL (PR10255) TO UNDERSTAND THEIR OBLIGATIONS UNDER THE A&C SYSTEM.

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



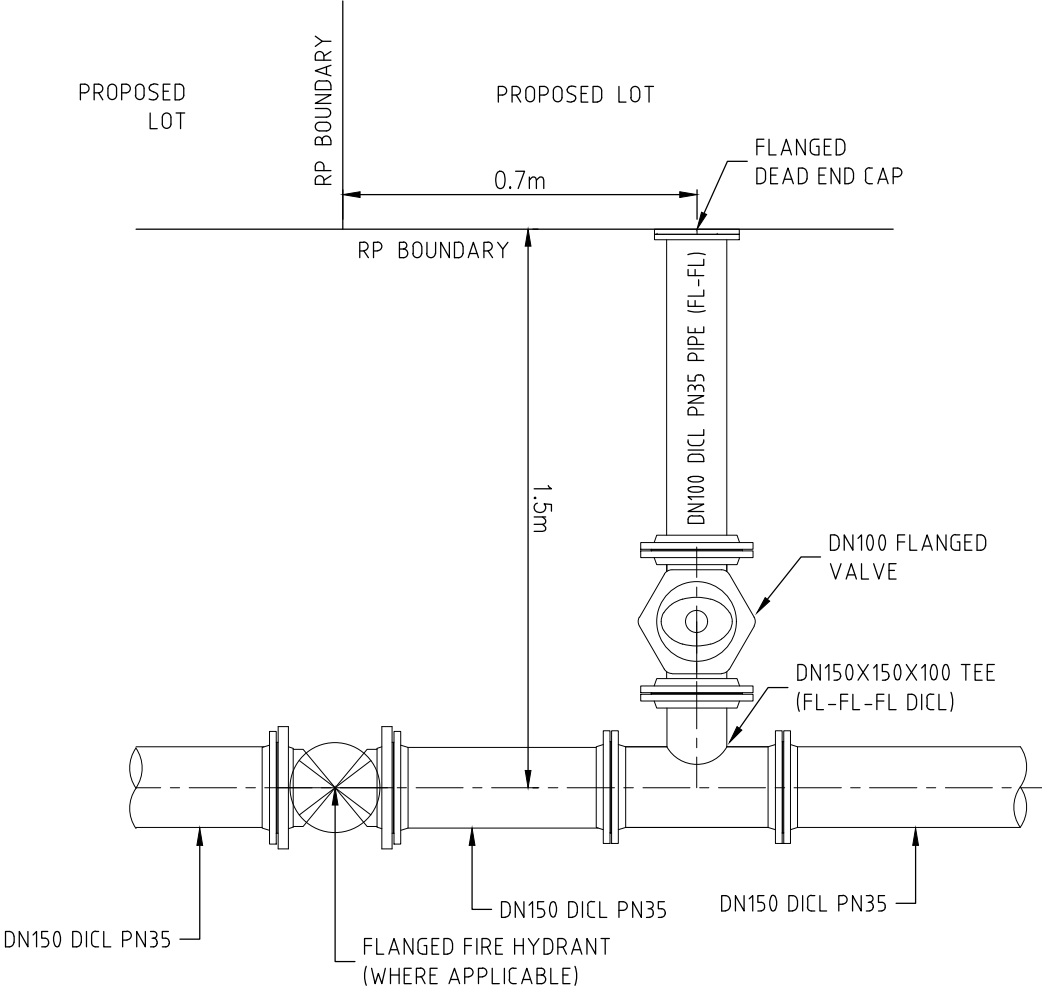
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| EXTERNAL REFERENCE FILES  |  |  | REV                        | DATE       | AMENDMENT / REVISION DESCRIPTION             | WVR No.   | APPROVAL      | TITLE             | NAME               |
|   |  |  | 01                         | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED       | 002   | MM            | DRAFTER           | A. BARKER          |
|   |  |  | 02                         | 28.02.2024 | 95% DESIGN ISSUE                             | 003   | MM            | DRAFTING CHECK    | M. MURPHY          |
|   |  |  | 03                         | 11.03.2024 | ISSUED FOR TENDER                            | 004   | MM            | DESIGNER          | A. BARKER          |
|   |  |  | 04                         | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED | 005   | MM            | DESIGN CHECK      | C. GREEN           |
|   |  |  | 05                         | 26.03.2024 | TENDER ADDENDUM - WATER CONNECTION RELOCATED | 006   | MM            | PROJECT MANAGER   | M. MURPHY          |
|   |  |  |                            |            |  |   |               | PROJECT DIRECTOR  | C. GREEN           |
|   |  |  | SCALES AT A1 SIZE DRAWING  |            |  |   |               |                   |                    |
|   |  |  | DESIGNER                   |            |  | <br>Member of the Surbana Jurong Group<br>© ABN 47 065 475 149<br>LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.<br>BIRRTINYA QLD 4575<br>SMC PROJECT No 30033956 |               |                   |                    |
|   |  |  | CLIENT                     |            |  | <br>Sunshine Coast Airport  |               |                   |                    |
|   |  |  | PROJECT TITLE              |            |  | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1)<br><br>WATER LAYOUT PLAN  |               |                   |                    |
|   |  |  | PHASE                      |            |  | PRELIMINARY   |               |                   |                    |
|   |  |  | PROJECT / DRAWING No.      |            |  | 30033956-WA-1001  |               |                   |                    |
|   |  |  | REVISION                   |            |  | 05  |               |                   |                    |



NOT FOR CONSTRUCTION

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



DETAIL 1  
TYPICAL WATER SERVICE CONNECTION WITH FIRE HYDRANT

150 mm ON ORIGINAL

A1

|   |           |                    |   |                            |                  |                                 |                   |                  |                    |
|---|-----------|--------------------|---|----------------------------|------------------|---------------------------------|-------------------|------------------|--------------------|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-WA-1010.dwg |           |                    |   | PLOT DATE<br>22 April 2024 | TIME<br>15:51:34 | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE<br>     | RPEQ No<br>24352 | DATE<br>22.04.2024 |
| EXTERNAL REFERENCE FILES  | REV<br>01 | DATE<br>11.03.2024 | AMENDMENT / REVISION DESCRIPTION<br>ISSUED FOR TENDER | WVR No.<br>004             | APPROVAL<br>MM   | TITLE<br>DRAFTER                | NAME<br>A. BARKER | NTS              |                    |
|   |           |                    |   |                            |                  | DRAFTING CHECK                  | M. MURPHY         |                  |                    |
|   |           |                    |   |                            |                  | DESIGNER                        | A. BARKER         |                  |                    |
|   |           |                    |   |                            |                  | DESIGN CHECK                    | C. GREEN          |                  |                    |
|   |           |                    |   |                            |                  | PROJECT MANAGER                 | M. MURPHY         |                  |                    |
|   |           |                    |   |                            |                  | PROJECT DIRECTOR                | C. GREEN          |                  |                    |

DESIGNER **SMC**  
Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956

CLIENT **Sunshine Coast Airport**

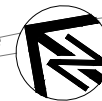
PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

WATER DETAILS

|                      |   |                |
|----------------------|---|----------------|
| PHASE<br>PRELIMINARY | PROJECT / DRAWING No.<br>30033956-WA-1010 | REVISION<br>01 |
|----------------------|---|----------------|

NOT FOR CONSTRUCTION

EXISTING DRAINAGE CHANNEL



EXISTING TAXILANE PAVEMENT EDGE

EXISTING TAXILANE CENTRELINE MARKING

EXISTING CODE B TAXILANE

CODE B TAXILANE  
EXTENSION

PROPOSED APRON

PROPOSED APRON

EXISTING APRON

PROPOSED FFL 3.75

PROPOSED FFL 3.40

EXISTING HANGAR FFL 3.40

FRIENDSHIP AVENUE

VIBRATION GRID. CONSTRUCTION  
ACCESS LOCATION TO BE CONFIRMED

LEGEND

- 3.0 DESIGN CONTOURS
- PROPOSED STORMWATER DRAINAGE
- STORMWATER DRAINAGE (BY TENANT)
- SEDIMENT FENCE
- SAG INLET SEDIMENT TRAP FILTER SOCK
- ON-GRADE GULLY INLET SEDIMENT POND AND SPILLWAY
- DROP INLET PROTECTION
- VIBRATION GRID (VEHICLE SHAKEDOWN)
- EXISTING STORMWATER

NOTES:

- ALL DRAINS, SEDIMENT DEVICES, FLAGGING AND OTHER EROSION AND SEDIMENT CONTROL DEVICES TO BE INSTALLED AND STABILISED PRIOR TO ANY CLEARING OR CONSTRUCTION WORKS (PARTICULARLY BEFORE ANTICIPATED RAIN EVENTS).
- FINISHED SURFACES AND BATTERS TO BE STABILISED WITHIN 10 DAYS OF EARTHWORKS BEING COMPLETED. APPLY 15% SOIL BINDER TREATMENT TO FINISHED TEMPORARY BATTERS.
- DISTURBED OPEN SPACE AREAS TO BE RE-VEGETATED WITHIN 10 DAYS OF EARTHWORKS BEING COMPLETED.
- EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE WHITE BOOK, BEST PRACTICE EROSION AND SEDIMENT CONTROL (IECA 2008).
- DUST CONTROL IS TO BE IMPLEMENTED IN ACCORDANCE WITH BEST PRACTICE EROSION AND SEDIMENT CONTROL (2008) SECTION 6.13 - DUST CONTROL. REFER TO NOTE 10 ON PROJECT DRAWING 009 EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES.
- ALL EROSION AND SEDIMENT CONTROL DEVICES TO BE REMOVED FROM ROADS PRIOR TO TITLES ISSUE/RELEASE.
- REFER 30033956-ES1010, 1011 AND 1012 FOR EROSION SEDIMENT CONTROL NOTES AND DETAILS.
- POLYMER BINDER TO BE APPLIED TO ALL EXPOSED AREAS AT COMPLETION OF EMBANKMENT WORKS AND 24 HOURS BEFORE PREDICTED RAINFALL.

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486

Date: 29 May 2024



DRAWING FILE LOCATION / NAME  
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PLOT DATE 22 April 2024 TIME 15:52:08  
CERTIFIED BY Mitchell Murphy  
SIGNATURE  
RPEQ No 24352  
DATE 22.04.2024

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|                          | 01  | 28.02.2024 | 95% DESIGN ISSUE                                      | 003     | MM       | DRAFTER          | A. BARKER |
|                          | 02  | 11.03.2024 | ISSUED FOR TENDER                                     | 004     | MM       | DRAFTING CHECK   | M. MURPHY |
|                          | 03  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005     | MM       | DESIGNER         | A. BARKER |
|                          | 04  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006     | MM       | DESIGN CHECK     | C. GREEN  |
|                          |     |            |   |         |          | PROJECT MANAGER  | M. MURPHY |
|                          |     |            |   |         |          | PROJECT DIRECTOR | C. GREEN  |

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LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956



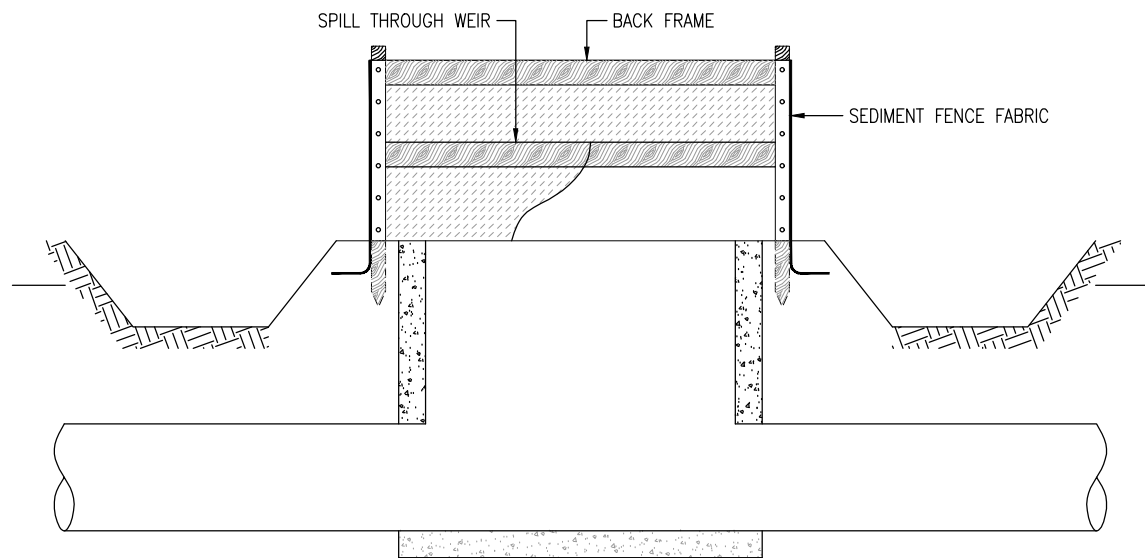
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SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

EROSION AND SEDIMENT CONTROL PLAN

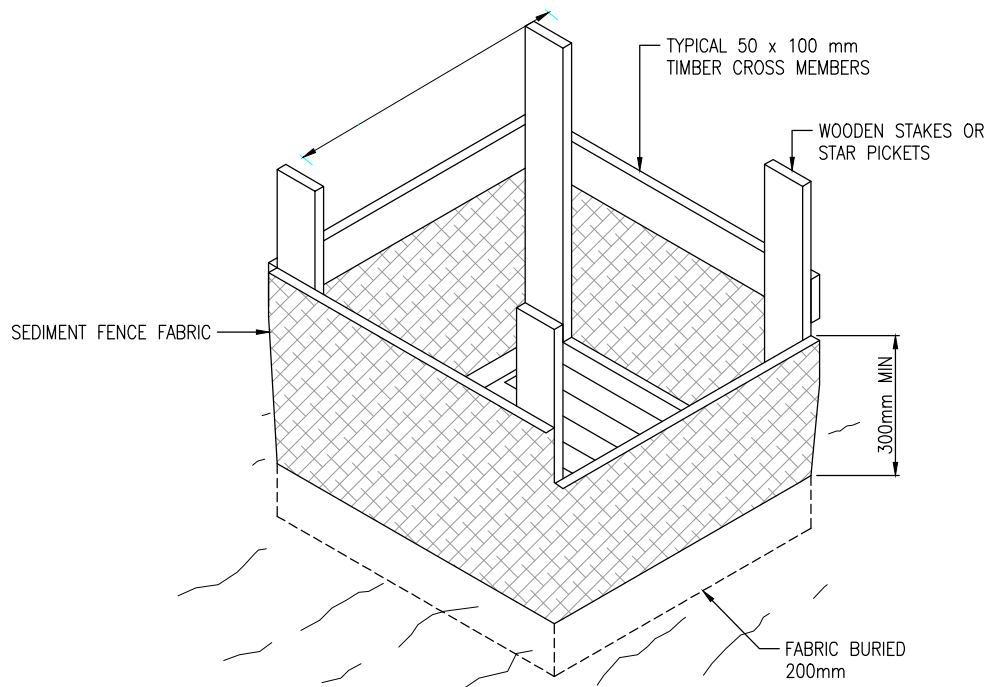
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REVISION  
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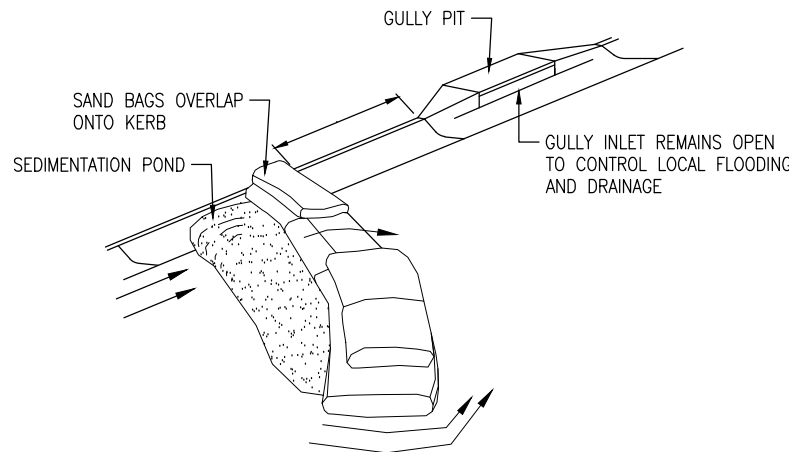




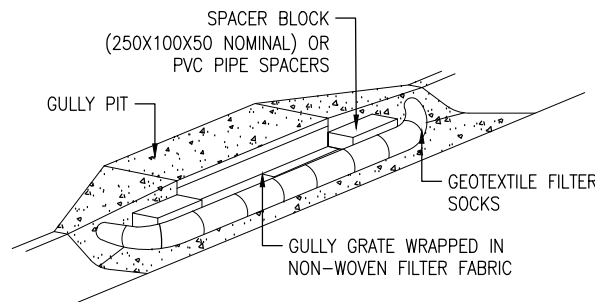
FABRIC DROP INLET PROTECTION WITH OPTIONAL EXCAVATED  
SEDIMENT STORAGE AREA AND SETTLING POND  
N.T.S



DETAILS OF SUPPORT FRAME WITH  
SPILL - THROUGH WEIR  
N.T.S



ON-GRADE GULLY INLET (OG)  
SEDIMENTATION POND AND SPILLWAY  
N.T.S



SAG INLET (SA) SEDIMENT TRAP  
GEOTEXTILE FILTER SOCK  
N.T.S

GULLY GRATE/SAG PIT NOTES:  
MATERIAL

- SOCKS: MINIMUM 200mm DIAMETER SYNTHETIC OR BIODEGRADABLE TUBES MANUFACTURED FROM NON-WOVEN OR COMPOSITE FABRIC SUITABLE FOR THE 'FILTRATION' OF COARSE SEDIMENT.

INSTALLATION

- REFER TO APPROVED PLANS FOR THE LOCATION AND INSTALLATION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS OR METHOD OF INSTALLATION CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
- ENSURE THE SOCKS ARE PLACED INDIVIDUALLY OR COLLECTIVELY (AS A SINGLE SEDIMENT TRAP) SUCH THAT:
  - LEAKAGE AROUND OR UNDER THE SOCKS IS MINIMISED;
  - ADJOINING SOCKS ARE TIGHTLY BUTTED OR OVERLAPPED AT LEAST 450mm;
  - THE SURFACE AREA OF POTENTIAL WATER PONDING UP-SLOPE OF EACH SEDIMENT TRAP IS MAXIMISED;
  - TO THE MAXIMUM DEGREE PRACTICAL, ALL SEDIMENT-LADEN WATER WILL PASS THROUGH THE FORMED POND BEFORE FLOWING OVER THE DOWN-SLOPE END OF THE SEDIMENT TRAP.
- WHEN PLACED ACROSS THE INVERT OF MINOR DRAINS, ENSURE THE SOCKS ARE PLACED SUCH THAT:
  - THE CREST OF THE DOWNSTREAM SOCK IS LEVEL WITH THE CHANNEL INVERT AT THE IMMEDIATE UPSTREAM SOCK (IF ANY);
  - EACH SOCK EXTENDS UP THE CHANNEL BANKS SUCH THAT THE CREST OF THE SOCK AT ITS LOWEST POINT IS LOWER THAN GROUND LEVEL AT EITHER END OF THE SOCK.
- IF STAKES ARE REQUIRED TO ANCHOR THE SOCKS, THEIR SPACING DOES NOT EXCEED 1.2m OR SIX TIMES THE SOCK DIAMETER (WHICHEVER IS THE LESSER). A MAXIMUM STAKE SPACING OF 0.3m APPLIES WHEN USED TO FORM CHECK DAMS.

MAINTENANCE

- INSPECT ALL FILTER SOCKS PRIOR TO FORECAST RAIN DAILY DURING EXTENDED PERIODS OF RAINFALL, AFTER SIGNIFICANT RUNOFF PRODUCING STORMS OR OTHERWISE AT WEEKLY INTERVALS.
- REPAIR OR REPLACE DAMAGED SOCKS.
- THE BULK OF THE SEDIMENT COLLECTED BEHIND THE FILTER SOCKS SHOULD BE REMOVED BY SHOVEL AFTER EACH STORM EVENT.
- REMOVE COLLECTED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.

REMOVAL

- ALL SAND, SOIL, SEDIMENT OR MUD MUST BE PHYSICALLY REMOVED FROM SEALED SURFACES, FIRST USING A SQUARE-EDGED SHOVEL, AND THEN A STIFF-BRISTLED BROOM, AND THEN BY A MECHANICAL VACUUM UNIT, IF AVAILABLE.
- IF NECESSARY FOR SAFETY REASONS, THE SEALED SURFACE SHALL ONLY BE WASHED CLEAN AFTER ALL REASONABLE EFFORTS HAVE BEEN TAKEN TO SHOVEL AND SWEEP THE MATERIALS FROM THE SURFACE.
- DISPOSE OF COLLECTED SEDIMENT IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.
- ALL SYNTHETIC (PLASTIC) MESH OR OTHER NON READILY BIODEGRADABLE MATERIALS MUST BE REMOVED FROM THE SITE ONCE THE SLOPE OR DRAIN IS STABILISED, OR THE SOCKS HAVE DETERIORATED TO A POINT WHERE THEY ARE NO LONGER PROVIDING THERE INTENDED DRAINAGE OR SEDIMENT CONTROL FUNCTION.

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| EXTERNAL REFERENCE FILES  | REV | DATE       | AMENDMENT / REVISION DESCRIPTION | WVR No.                    | APPROVAL         | TITLE                           | NAME          | SCALES AT A1 SIZE DRAWING |                    |
|   | 01  | 28.02.2024 | 95% DESIGN ISSUE                 | 003                        | MM               | DRAFTER                         | A. BARKER     | N.T.S.                    |                    |
|   | 02  | 11.03.2024 | ISSUED FOR TENDER                | 004                        | MM               | DRAFTING CHECK                  | M. MURPHY     |                           |                    |
|   |     |            |                                  |                            |                  | DESIGNER                        | A. BARKER     |                           |                    |
|   |     |            |                                  |                            |                  | DESIGN CHECK                    | C. GREEN      |                           |                    |
|   |     |            |                                  |                            |                  | PROJECT MANAGER                 | M. MURPHY     |                           |                    |
|   |     |            |                                  |                            |                  | PROJECT DIRECTOR                | C. GREEN      |                           |                    |

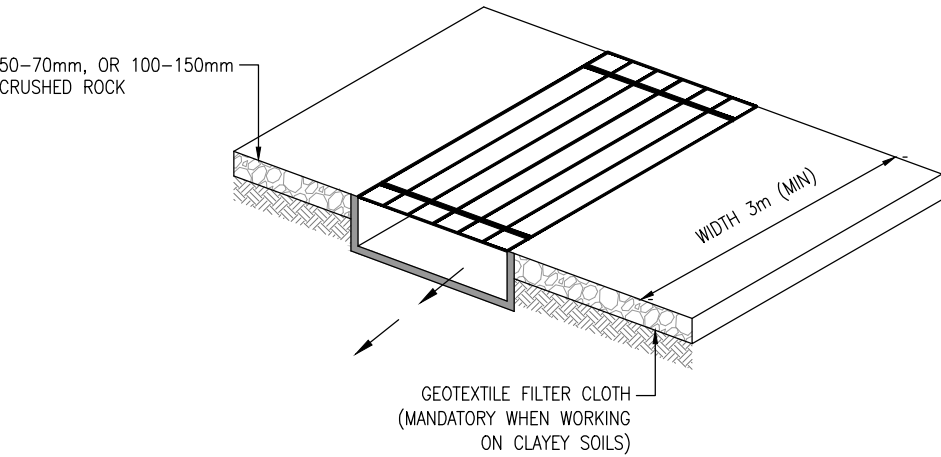
DESIGNER

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LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMEC PROJECT No 30033956

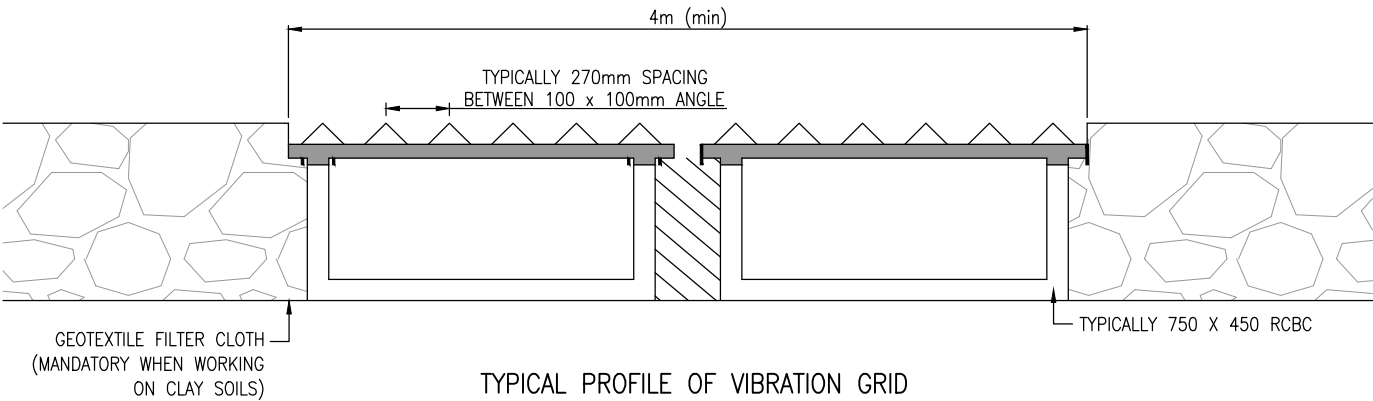


PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)  
EROSION AND SEDIMENT CONTROL DETAILS  
SHEET 1

|                      |  |                |
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| PHASE<br>PRELIMINARY | PROJECT / DRAWING No<br>30033956-ES-1010 | REVISION<br>02 |
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TYPICAL LAYOUT OF A VIBRATION GRID (SHAKE DOWN)  
N.T.S



TYPICAL PROFILE OF VIBRATION GRID  
N.T.S

CONSTRUCTION EXIT – VIBRATION GRID (SHAKE DOWN) NOTES:

INSTALLATION

- REFER TO APPROVED PLANS FOR LOCATION AND DIMENSIONAL DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS, OR METHOD OF INSTALLATION, CONTACT THE APPOINTED ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
- CLEAR THE LOCATION OF THE VIBRATION GRID, REMOVING STUMPS, ROOTS AND OTHER VEGETATION TO PROVIDE FIRM FOUNDATION SO THAT THE ROCK IS NOT PRESSED INTO SOFT GROUND. CLEAR SUFFICIENT WIDTH TO ALLOW PASSAGE OF LARGE VEHICLES, BUT CLEAR ONLY THAT NECESSARY FOR EXIT. DO NOT CLEAR ADJACENT AREAS UNTIL THE REQUIRED EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE.
- GRADE THE LOCATION OF THE VIBRATION GRID SO THAT RUNOFF FROM THE UNIT WILL NOT FLOW INTO THE STREET OR ADJOINING PROPERTIES, BUT WILL FLOW TOWARDS AN APPROPRIATE-TRAPPING DEVICE.
- ENSURE THAT INSTALLATION OF THE VIBRATION GRID HAS ADEQUATE SEDIMENT STORAGE VOLUME UNDER THE GRID. WHERE NECESSARY, INSTALL SUITABLE PRECAST SEDIMENT COLLECTION CHAMBERS.
- PLACE A ROCK PAD/RAMP FORMING A MINIMUM 200mm THICK LAYER OF CLEAN, OPEN-VOID ROCK OVER THE ROADWAY BETWEEN THE VIBRATION GRID AND THE SEALED STREET TO PREVENT TYRES FROM PICKING UP MORE SOIL AFTER THEY HAVE BEEN CLEANED.
- THE TOTAL LENGTH OF THE VIBRATION GRID AND ROCK RAMPS SHOULD BE AT LEAST 15m WHERE PRACTICABLE, AND AS WIDE AS THE FULL WIDTH OF THE ENTRY OR EXIT AND AT LEAST 3m. THE ROCK RAMP SHOULD COMMENCE AT THE EDGE OF THE OFF-SITE SEALED ROAD OR PAVEMENT.
- FLARE THE END OF THE ROCK PAD WHERE IT MEETS THE PAVEMENT SO THAT THE WHEELS OF TURNING VEHICLES DO NOT TRAVEL OVER UNPROTECTED SOIL.

MAINTENANCE

- INSPECT VIBRATION GRID PRIOR TO FORECAST RAIN, DAILY EXTENDED PERIODS OF RAINFALL AND AFTER SIGNIFICANT RUNOFF-PRODUCING RAINFALL OR OTHERWISE AFTER FORTNIGHTLY INTERVALS.
- IF SAND, SOIL, SEDIMENT OR MUD IS TRACKED OR WASHED ONTO THE ADJACENT SEALED ROADWAY, THEN SUCH MATERIAL MUST BE PHYSICALLY REMOVED, FIRST USING A SQUARE-EDGED SHOVEL, AND THEN A STIFF-BRISTLED BROOM.
- IF NECESSARY FOR SAFETY REASONS, THE ROADWAY SHALL ONLY BE WASHED CLEAN AFTER ALL REASONABLE EFFORTS HAVE BEEN TAKEN TO SHOVEL AND SWEEP THE MATERIAL FROM THE ROADWAY.
- WHEN THE VOIDS BETWEEN THE ROCK BECOMES FILLED WITH MATERIAL AND THE EFFECTIVENESS OF THE ROCK RAMPS ARE REDUCED TO A POINT WHERE SEDIMENT IS BEING TRACKED OFF THE SITE, A NEW 100mm LAYER OF ROCK MUST BE ADDED AND/OR THE ROCK PAD MUST BE EXTENDED.
- ENSURE ALL ASSOCIATED DRAINAGE CONTROL MEASURES ARE MAINTAINED IN ACCORDANCE WITH THEIR DESIRED OPERATIONAL CONDITION.
- DISPOSE OF SEDIMENT AND DEBRIS IN A MANNER THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.

REMOVAL

- THE VIBRATION GRID SHOULD BE REMOVED ONLY AFTER IT IS NO LONGER NEEDED AS A SEDIMENT CONTROL DEVICE.
- REMOVE MATERIALS AND COLLECTED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.
- RE-GRADE AND STABILISE THE DISTURBED GROUND AS NECESSARY TO MINIMISE THE EROSION HAZARD.

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|   | 01  | 28.02.2024 | 95% DESIGN ISSUE                 | 003                        | MM               | DRAFTER                         | A. BARKER     |   |                    |
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|   |     |            |                                  |                            |                  | DESIGNER                        | A. BARKER     |   |                    |
|   |     |            |                                  |                            |                  | DESIGN CHECK                    | C. GREEN      |   |                    |
|   |     |            |                                  |                            |                  | PROJECT MANAGER                 | M. MURPHY     |   |                    |
|   |     |            |                                  |                            |                  | PROJECT DIRECTOR                | C. GREEN      |   |                    |

DESIGNER

Member of the Surbana Jurong Group

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LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575

SMC PROJECT No 30033956

CLIENT

Sunshine  
Coast  
Airport

PROJECT TITLE

SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

EROSION AND SEDIMENT CONTROL DETAILS  
SHEET 2

|                      |  |                |
|----------------------|--|----------------|
| PHASE<br>PRELIMINARY | PROJECT / DRAWING No<br>30033956-ES-1011 | REVISION<br>02 |
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SILT FENCE :  
MATERIALS

1.

FABRIC: POLYPROPYLENE, POLYAMIDE, NYLON, POLYESTER, OR POLYETHYLENE WOVEN OR NON-WOVEN FABRIC, AT LEAST 700mm IN WIDTH AND A MINIMUM UNIT WEIGHT OF 140GSM. ALL FABRICS TO CONTAIN ULTRAVIOLET INHIBITORS AND STABILISERS TO PROVIDE A MINIMUM OR 6 MONTHS OF USEABLE CONSTRUCTION LIFE (ULTRAVIOLET STABILITY EXCEEDING 70%).
2.

FABRIC REINFORCEMENT: WIRE OR STEEL MESH MAXIMUM 14-GAUGE WITH A MAXIMUM MESH SPACING OF 200mm.
3.

SUPPORT STAKES: 1.5kg/m (MIN) STEEL STAR PICKETS SUITABLE FOR ATTACHING FABRIC.

INSTALLATION

1.

REFER TO APPROVED PLANS FOR LOCATION, EXTENT, AND REQUIRED TYPE OF FABRIC (IF SPECIFIED). IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, EXTENT, FABRIC TYPE, OR METHOD OF INSTALLATION CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
2.

TO THE MAXIMUM DEGREE PRACTICAL AND WHERE THE PLANS ALLOW, ENSURE THE FENCE IS LOCATED:

(i)

TOTALLY WITHIN THE PROPERTY BOUNDARY;

(ii)

ALONG A LINE OF CONSTANT ELEVATION WHEREVER PRACTICAL;

(iii)

AT LEAST 2m FROM THE TOE OF ANY FILLING OPERATIONS THAT MAY RESULT IN SHIFTING SOIL/FILL DAMAGING FENCE.
3.

INSTALL RETURNS WITHIN THE FENCE AT MAXIMUM 20m INTERVALS IF THE FENCE IS INSTALLED ALONG THE CONTOUR, OR 5 TO 10m MAXIMUM SPACING (DEPENDING ON SLOPE) IF THE FENCE IS INSTALLED AT AN ANGLE TO THE CONTOUR THE 'RETURNS' SHALL CONSIST OF EITHER:

(i)

V-SHAPED SECTION EXTENDING AT LEAST 1.5m UP THE SLOPE; OR

(ii)

SANDBAG OR ROCK/AGGREGATE CHECKDAM A MINIMUM 1/3 AND MAXIMUM 1/2 FENCE HEIGHT, AND EXTENDING AT LEAST 1.5m UP THE SLOPE.
4.

ENSURE THE EXTREME ENDS OF THE FENCE ARE TURNED UP THE SLOPE AT LEAST 1.5m, OR AS NECESSARY, TO MINIMISE WATER BYPASSING AROUND THE FENCE.
5.

ENSURE THE SEDIMENT FENCE IS INSTALLED IN A MANNER THAT AVOIDS THE CONCENTRATION OF FLOW ALONG THE FENCE, AND THE UNDESIRABLE DISCHARGE OF WATER AROUND THE END OF THE FENCE.
6.

IF THE SEDIMENT FENCE IS TO BE INSTALLED ALONG THE EDGE OF EXISTING TREES, ENSURE CARE IS TAKEN TO PROTECT THE TREES AND THEIR ROOT SYSTEMS DURING INSTALLATION OF THE FENCE. DO NOT ATTACH THE FABRIC TO THE TREES.
7.

UNLESS DIRECTED BY THE SUPERVISOR OR THE APPROVED PLANS, EXCAVATE A 200mm WIDE BY 200mm DEEP TRENCH ALONG THE PROPOSED FENCE LINE, PLACING THE EXCAVATED MATERIAL ON THE UP SLOPE SIDE OF THE TRENCH.
8.

ALONG THE LOWER SIDE OF THE TRENCH, APPROPRIATELY SECURE THE POSTS INTO THE GROUND NO GREATER THAN 3m IF SUPPORTED BY A TOP SUPPORT WIRE OR WEIR MESH BACKING, OTHERWISE NO GREATER THAN 2m.
9.

IF SPECIFIED, SECURELY ATTACH THE SUPPORT WIRE OR MESH TO THE UP-SLOPE SIDE OF THE POSTS WITH THE MESH EXTENDING AT LEAST 200mm INTO THE EXCAVATED TRENCH. ENSURE THE MESH AND FABRIC IS ATTACHED TO THE UP-SLOPE SIDE OF THE POSTS EVEN WHEN DIRECTING A FENCE AROUND THE CORNER OF A SHARP CHANGE OF DIRECTION.
10.

WHEREVER POSSIBLE, CONSTRUCT THE SEDIMENT FENCE FROM A CONTINUOUS ROLL OF FABRIC. TO JOIN FABRIC EITHER:

(i)

ATTACH EACH END TO TWO OVERLAPPING POSTS WITH FABRIC FOLDING AROUND THE ASSOCIATED POST ONE TURN, AND WITH THE TWO POSTS TIED TOGETHER WITH WIRE OR

(ii)

OVERLAP THE FABRIC TO THE NEXT ADJACENT SUPPORT POST.
11.

SECURELY ATTACH THE FABRIC TO THE SUPPORT POSTS USING TIE WIRE AT MAXIMUM 150mm SPACING.
12.

ENSURE THE COMPLETED SEDIMENT FENCE IS AT LEAST 450mm, BUT NOT MORE THAN 700mm HIGH. IF A SPILL-THROUGH WEIR IS INSTALLED, ENSURE THE CREST OF THE WEIR IS AT LEAST 300mm ABOVE THE GROUND LEVEL.
13.

BACKFILL THE TRENCH AND TAMP THE FILL TO FIRMLY ANCHOR THE BOTTOM OF THE FABRIC AND MESH TO PREVENT WATER FROM FLOWING UNDER THE FENCE.

ADDITIONAL REQUIREMENTS FOR THE INSTALLATION OF A SPILL-THROUGH WEIR

1.

LOCATE THE SPILL-THROUGH WEIR SUCH THAT THE WEIR CREST WILL BE LOWER THAN THE GROUND LEVEL AT EACH END OF THE FENCE.
2.

ENSURE THE CREST OF THE SPILL-THROUGH WEIR IS AT LEAST 300mm THE GROUND ELEVATION.
3.

SECURELY TIE A HORIZONTAL CROSS MEMBER (WEIR) TO THE SUPPORT POSTS EACH SIDE OF THE WEIR. CUT THE FABRIC DOWN THE SIDE OF EACH POST AND FOLD THE FABRIC OVER THE CROSS MEMBER AND APPROPRIATELY SECURE THE FABRIC.
4.

INSTALL A SUITABLE SPLASH PAD AND/OR CHUTE IMMEDIATELY DOWN-SLOPE OF THE SPILL-THROUGH WEIR TO CONTROL SOIL EROSION AND APPROPRIATELY DISCHARGE THE CONCENTRATED FLOW PASSING OVER THE WEIR.

MAINTENANCE

1.

INSPECT THE SEDIMENT FENCE AT LEAST WEEKLY AND AFTER ANY SIGNIFICANT RAIN. MAKE NECESSARY REPAIRS IMMEDIATELY.
2.

REPAIR ANY TORN SECTIONS WITH A CONTINUOUS PIECE OF FABRIC FROM POST TO POST.
3.

WHEN MAKING REPAIRS, ALWAYS RESTORE THE SYSTEM TO ITS ORIGINAL CONFIGURATION UNLESS AN AMENDED LAYOUT IS REQUIRED OR SPECIFIED.
4.

IF THE FENCE IS SAGGING BETWEEN POSTS, INSTALL ADDITIONAL SUPPORT POSTS.
5.

REMOVE ACCUMULATED SEDIMENT IF THE SEDIMENT DEPOSIT EXCEEDS A DEPTH OF 1/3 THE HEIGHT OF THE FENCE.
6.

DISPOSE OF SEDIMENT IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.
7.

REPLACE THE FABRIC IF THE SERVICE LIFE OF THE EXISTING FABRIC EXCEEDS 6-MONTHS.

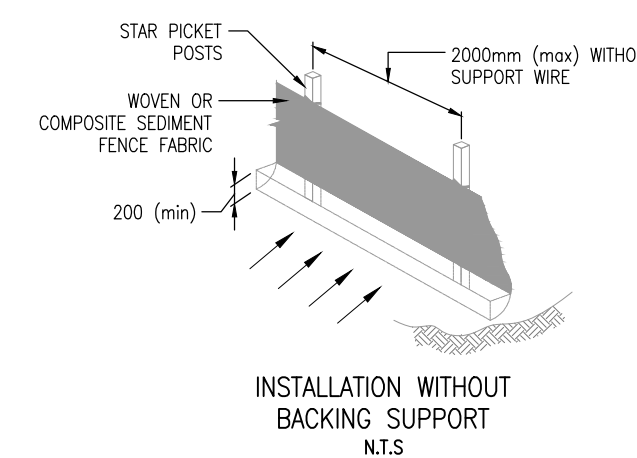
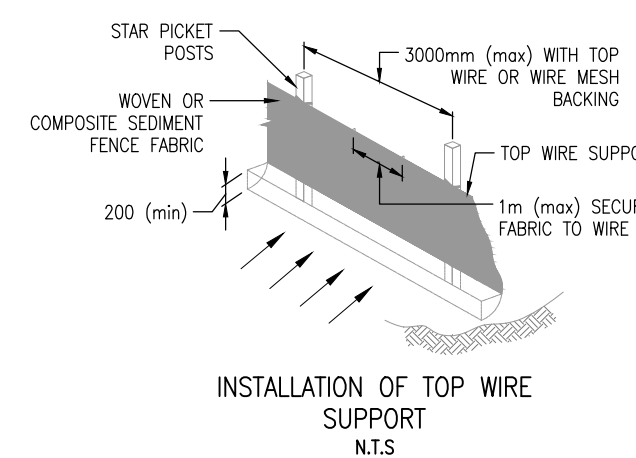
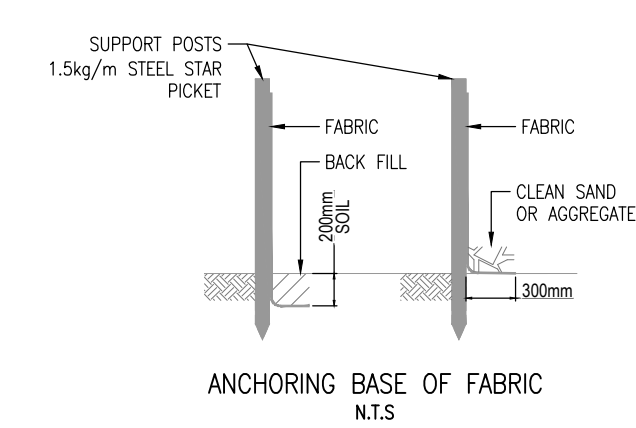
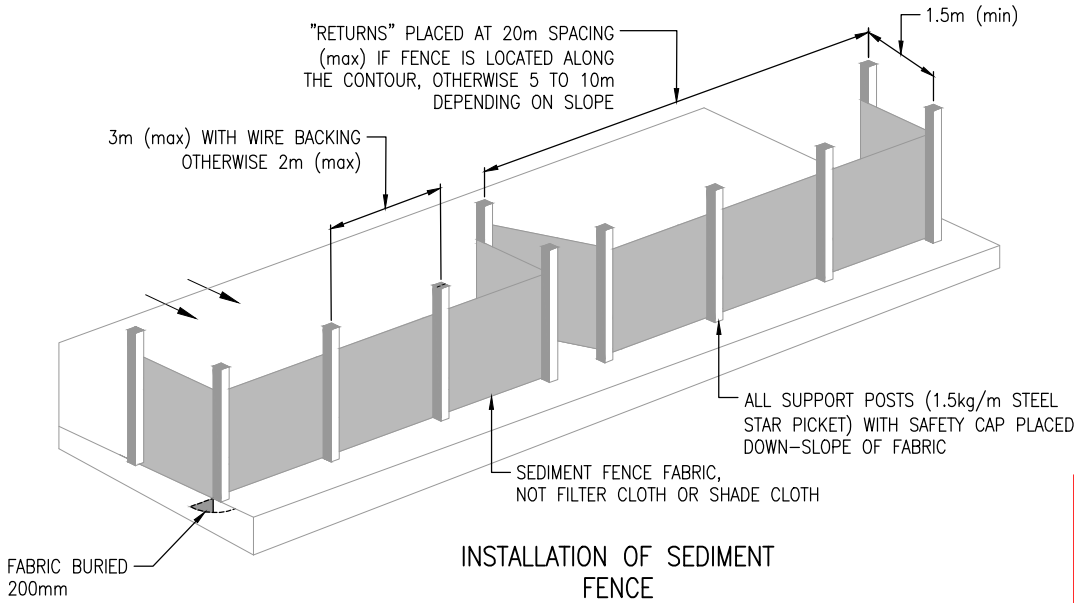
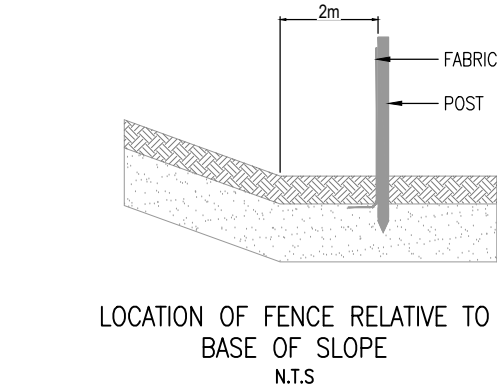
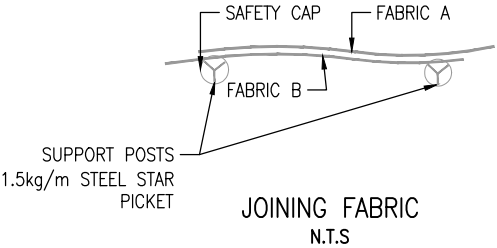
REMOVAL

1.

WHEN DISTURBED AREAS UP-SLOPE OF THE SEDIMENT FENCE ARE SUFFICIENTLY STABILISED TO RESTRAIN EROSION, THE FENCE MUST BE REMOVED.
2.

REMOVE MATERIALS AND COLLECTED SEDIMENT AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.
3.

REHABILITATE/REVEGETATE THE DISTURBED GROUND AS NECESSARY TO MINIMISE THE EROSION HAZARD.



SEDIMENT FENCE NOTES

1.

SEDIMENT FENCE TO BE INSTALLED ALONG A LINE OF CONSTANT GROUND ELEVATION WHEREVER PRACTICAL.
2.

BOTH END OF THE SEDIMENT FENCE TO EXTEND UP THE SLOPE AT LEAST 1m.
3.

SUPPORT POST TO BE SPACED A MAXIMUM 2m UNLESS THE FENCE IS SUPPORTED BY A TOP WIRE OR WIRE MESH BACKING IN WHICH CASE 3m MAXIMUM SPACING.
4.




FENCE 'RETURNS' SHALL BE INSTALLED AT MAXIMUM 20m SPACING IF FENCE IS INSTALLED ALONG THE CONTOUR, OTHERWISE 5 TO 10m MAXIMUM SPACING.
5.

MINIMUM 4 TIE WIRES PER POST.

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

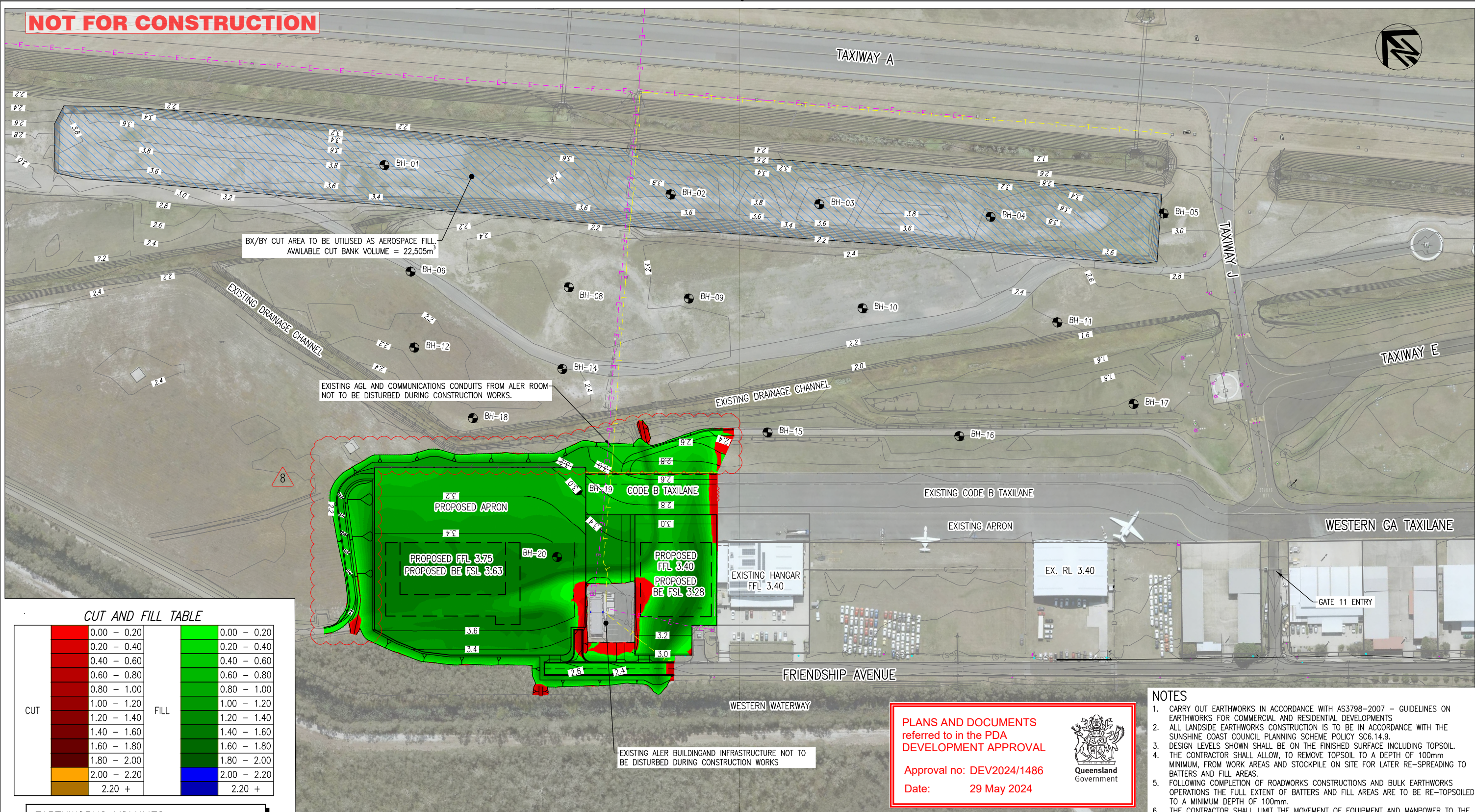
Approval no: DEV2024/1486  
Date: 29 May 2024



|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
|--|--|--|--|--|--|----------------------------|--|--------------------------|--|---------------------------------------|--|--|--|------------------|--|--------------------|--|----------|--|-------|--|---------|--|---------------------------|--|----------|--|---|--|--------|--|---|--|---------------|--|--|--|-------|--|-----------------------|--|------------------|--|----|--|
| DRAWING FILE LOCATION / NAME<br>\\bms\smec-pw-04\dms06287\30033956-ES-1012.dwg |  |  |  |  |  | PLOT DATE<br>22 April 2024 |  | TIME<br>15:53:38         |  | CERTIFIED BY<br>Mitchell Murphy       |  | SIGNATURE<br> |  | RPEQ No<br>24352 |  | DATE<br>22.04.2024 |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
| EXTERNAL REFERENCE FILES   |  |  |  |  |  | REV                        |  | DATE                     |  | AMENDMENT / REVISION DESCRIPTION      |  |  |  |                  |  | WVR No.            |  | APPROVAL |  | TITLE |  | NAME    |  | SCALES AT A1 SIZE DRAWING |  | DESIGNER |  |   |  | CLIENT |  |   |  | PROJECT TITLE |  |  |  | PHASE |  | PROJECT / DRAWING No. |  | REVISION         |  |    |  |
|  |  |  |  |  |  | 01<br>02                   |  | 28.02.2024<br>11.03.2024 |  | 95% DESIGN ISSUE<br>ISSUED FOR TENDER |  |  |  |                  |  | 003<br>004         |  | MM<br>MM |  |       |  | DRAFTER |  | A. BARKER                 |  | N.T.S.   |  | <br>Member of the Surbana Jurong Group<br>© ABN 47 065 475 149<br>LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.<br>BIRTINYA QLD 4575<br>SMC PROJECT No 30033956 |  |        |  |  |  |               |  | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1)<br>EROSION AND SEDIMENT CONTROL DETAILS<br>SHEET 3 |  |       |  | PRELIMINARY           |  | 30033956-ES-1012 |  | 02 |  |
|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |
|  |  |  |  |  |  |                            |  |                          |  |                                       |  |  |  |                  |  |                    |  |          |  |       |  |         |  |                           |  |          |  |   |  |        |  |   |  |               |  |  |  |       |  |                       |  |                  |  |    |  |



NOT FOR CONSTRUCTION



CUT AND FILL TABLE

| CUT | 0.00 - 0.20 | FILL | 0.00 - 0.20 |
|-----|-------------|------|-------------|
|     | 0.20 - 0.40 |      | 0.20 - 0.40 |
|     | 0.40 - 0.60 |      | 0.40 - 0.60 |
|     | 0.60 - 0.80 |      | 0.60 - 0.80 |
|     | 0.80 - 1.00 |      | 0.80 - 1.00 |
|     | 1.00 - 1.20 |      | 1.00 - 1.20 |
|     | 1.20 - 1.40 |      | 1.20 - 1.40 |
|     | 1.40 - 1.60 |      | 1.40 - 1.60 |
|     | 1.60 - 1.80 |      | 1.60 - 1.80 |
|     | 1.80 - 2.00 |      | 1.80 - 2.00 |
|     | 2.00 - 2.20 |      | 2.00 - 2.20 |
|     | 2.20 +      |      | 2.20 +      |

EARTHWORKS VOLUMES

Total Cut Volume = 204m<sup>3</sup>  
Total Fill Volume = 21,250m<sup>3</sup>  
NOTE: EARTHWORKS VOLUMES AND CUT/FILL HEAT MAP ARE TO UNDERSIDE OF PAVEMENT BOX AND PROPOSED BUILDING SLABS.

LEGEND

— 3.0 — DESIGN CONTOURS  
— 3.0 — EXISTING CONTOURS

**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
The locations of underground services are approximate only and their exact position should be proven on site.  
No guarantee is given that all existing services are shown. Locate all underground services before commencement of works  
**BEFORE YOU DIG AUSTRALIA**  
www.byda.com.au

NOTE

THE CONTRACTOR SHALL GIVE THE PRINCIPAL A MINIMUM OF TWO (2) WEEKS WRITTEN NOTICE OF THEIR INTENTION TO WORK IN THE VICINITY OF EXISTING ALER AND AGL CABLES AND TRANSFORMERS. COMPACTION METHODOLOGY FOR PAVEMENT SUBGRADE TO BE AGREED WITH PRINCIPAL AND SUPERINTENDENT TWO WEEKS PRIOR TO COMPACTION WORKS.

NOTES

- CARRY OUT EARTHWORKS IN ACCORDANCE WITH AS3798-2007 - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS
- ALL LANDSIDE EARTHWORKS CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE SUNSHINE COAST COUNCIL PLANNING SCHEME POLICY SC6.14.9.
- DESIGN LEVELS SHOWN SHALL BE ON THE FINISHED SURFACE INCLUDING TOPSOIL.
- THE CONTRACTOR SHALL ALLOW, TO REMOVE TOPSOIL TO A DEPTH OF 100mm MINIMUM, FROM WORK AREAS AND STOCKPILE ON SITE FOR LATER RE-SPREADING TO BATTERS AND FILL AREAS.
- FOLLOWING COMPLETION OF ROADWORKS CONSTRUCTIONS AND BULK EARTHWORKS OPERATIONS THE FULL EXTENT OF BATTERS AND FILL AREAS ARE TO BE RE-TOPSOILED TO A MINIMUM DEPTH OF 100mm.
- THE CONTRACTOR SHALL LIMIT THE MOVEMENT OF EQUIPMENT AND MANPOWER TO THE MINIMUM AREA NECESSARY FOR EARTHWORKS AND PROTECT ALL VEGETATION OUTSIDE THE WORKS BOUNDARY.
- CONSIDERATION SHALL BE GIVEN TO ADJACENT LANDOWNERS DURING THE CONSTRUCTION WORKS. REFER TO PROJECT SPECIFICATION FOR CONTRACTOR NOTIFICATIONS.
- THE CONTRACTOR SHALL ALLOW FOR ALL DUST CONTROL MEASURES IN ACCORDANCE WITH THE WHITE BOOK, BEST PRACTICE EROSION AND SEDIMENT CONTROL (IECA 2008).
- THE CONTRACTOR SHALL ALLOW FOR ALL DISTURBED AREAS AS DIRECTED ON SITE IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- ALL NEW WORKS TO MATCH NEATLY TO EXISTING.
- ALL FILL MATERIAL PLACED UNDER THIS CONTRACT SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- FILL INCORPORATED INTO THE DESIGN FROM THE BX/BY CUT AREA WILL BE COMPACTED VOLUMES VS BANK VOLUMES. NO EXCESS CUT REMAINS.

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



| DRAWING FILE LOCATION / NAME                    |  |  |  | PLOT DATE     |          | TIME             | CERTIFIED BY    |  | SIGNATURE                 | RPEQ No | DATE       |
|---|--|--|--|---------------|----------|------------------|-----------------|--|---------------------------|---------|------------|
| C:\dms\smec-pw-04\dms06287\30033956-EW-1001.dwg |  |  |  | 22 April 2024 |          | 15:54:52         | Mitchell Murphy |  |                           | 24352   | 22.04.2024 |
| EXTERNAL REFERENCE FILES                        |  |  |  | WVR No.       | APPROVAL | TITLE            | NAME            |  | SCALES AT A1 SIZE DRAWING |         |            |
|   |  |  |  |               | MF       | DRAFTER          | A. BARKER       |  |                           |         |            |
|   |  |  |  |               | MM       | DRAFTING CHECK   | M. MURPHY       |  |                           |         |            |
|   |  |  |  | 001           | MM       | DESIGNER         | A. BARKER       |  |                           |         |            |
|   |  |  |  | 002           | MM       | DESIGN CHECK     | C. GREEN        |  |                           |         |            |
|   |  |  |  | 003           | MM       | PROJECT MANAGER  | M. MURPHY       |  |                           |         |            |
|   |  |  |  | 004           | MM       | PROJECT DIRECTOR | C. GREEN        |  |                           |         |            |
|   |  |  |  | 005           | MM       |                  |                 |  |                           |         |            |
|   |  |  |  | 006           | MM       |                  |                 |  |                           |         |            |

0 10 20 30 40m



Member of the Surbana Jurong Group  
© ABN 47 065 475 149  
LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRRTINYA QLD 4575  
SMC PROJECT No 30033956



PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT STAGE 1B (PHASE 1)

BULK EARTHWORKS PLAN

PHASE  
PRELIMINARY

PROJECT / DRAWING No  
30033956-EW-1001

REVISION  
08



NOT FOR CONSTRUCTION

EXISTING AGL AND COMMUNICATIONS CONDUITS TO BE LOCATED.  
DO NOT DISTURB DURING CONSTRUCTION WORKS

PROPOSED NEW  
PERIMETER ROAD

EXISTING PERIMETER  
ROAD

EXISTING TAXILANE PAVEMENT EDGE

EXISTING TAXILANE CENTRELINE MARKING

EXISTING CODE B TAXILANE

CODE B TAXILANE  
EXTENSION

EXISTING APRON

EXISTING HANGAR FFL 3.40

FRIENDSHIP AVENUE

LEGEND

- SAWCUT LINE
- PAVEMENT TYPE A  
(CODE B TAXILANE)
- PAVEMENT TYPE B  
(FRIENDSHIP AVENUE)
- PAVEMENT TYPE C  
(APRON PAVEMENT DESIGN TO BE  
CONFIRMED BY TENANT)
- PAVEMENT TYPE D  
(ALER ACCESS ROAD AND  
PERIMETER ROAD)
- DESIGN CONTOURS
- TYPE B SUBSOIL DRAIN
- SUBSOIL DRAIN OUTLET
- SUBSOIL DRAIN CLEANOUT POINT
- STORMWATER DRAINAGE
- EXISTING SUBSOIL DRAIN

PAVEMENT TYPE A – CODE B TAXILANE

| LAYER NAME           | THICKNESS (mm) | LAYER DESCRIPTION   |
|----------------------|----------------|---|
| WEARING COURSE       | 75             | AC14H, C320 BINDER (MRTS30)   |
| PRIME                | –              | BITUMINOUS PRIME (REFER SPECIFICATION) AMCO AT SUGGESTED NOMINAL RATE OF 1.0L/m <sup>2</sup>  |
| BASE                 | 300            | FINE CRUSHED ROCK BASE.<br>PLACED AND COMPACTED IN MAXIMUM 200MM THICK COMPACTED LAYERS TO AN AVERAGE DENSITY RATIO OF 100% MODIFIED MAXIMUM DRY DENSITY (MINIMUM 98%) COMPACTED BETWEEN 90% AND 110% OF THE OPTIMUM MOISTURE CONTENT.<br>(REFER SPECIFICATION) |
| SEPARATOR GEOTEXTILE | –              | BIDIM A44 OR APPROVED EQUIVALENT  |
| TOTAL                | 375            | MINIMUM INCLUDING ASPHALT   |
| SUBGRADE             | –              | STOCKPILED MATERIAL (BX/BY) TYPICALLY SAND WITH CBR NOT LESS THAN 10%   |

PAVEMENT TYPE B – FRIENDSHIP AVENUE

| LAYER NAME     | THICKNESS (mm) | LAYER DESCRIPTION   |
|----------------|----------------|---|
| WEARING COURSE | 50             | 50mm AC14H (A15E) (MRTS30)  |
| PRIME          | –              | K2, EMULPRIME OR APPROVED EQUIVALENT. SPRAY RATES AS RECOMMENDED BY THE MANUFACTURER.   |
| SEAL           | –              | S25E POLYMER MODIFIED SPRAY SEAL WITH 10mm COVER AGGREGATE.<br>NOMINAL SPRAY RATE: 1.5 L/m <sup>2</sup><br>NOMINAL SPREAD RATE: 140m <sup>2</sup> /m <sup>3</sup> |
| BASE           | 150            | TYPE 2.1 MATERIAL   |
| UPPER SUBBASE  | 125            | TYPE 2.3 MATERIAL   |
| LOWER SUBBASE  | 125            | TYPE 2.5 MATERIAL   |
| TOTAL          | 450            | MINIMUM INCLUDING ASPHALT   |
| SUBGRADE       | –              | STOCKPILED MATERIAL (BX/BY) TYPICALLY SAND WITH CBR NOT LESS THAN 10%   |

PAVEMENT TYPE C – APRON (TO BE CONFIRMED BY TENANT)

| LAYER NAME           | THICKNESS (mm) | LAYER DESCRIPTION   |
|----------------------|----------------|---|
| WEARING COURSE       | 75             | AC14H, C320 BINDER (MRTS30)   |
| PRIME                | –              | BITUMINOUS PRIME (REFER SPECIFICATION) AMCO AT SUGGESTED NOMINAL RATE OF 1.0L/m <sup>2</sup>  |
| BASE                 | 300            | FINE CRUSHED ROCK BASE.<br>PLACED AND COMPACTED IN MAXIMUM 200MM THICK COMPACTED LAYERS TO AN AVERAGE DENSITY RATIO OF 100% MODIFIED MAXIMUM DRY DENSITY (MINIMUM 98%) COMPACTED BETWEEN 90% AND 110% OF THE OPTIMUM MOISTURE CONTENT.<br>(REFER SPECIFICATION) |
| SEPARATOR GEOTEXTILE | –              | BIDIM A44 OR APPROVED EQUIVALENT  |
| TOTAL                | 375            | MINIMUM INCLUDING ASPHALT   |
| SUBGRADE             | –              | STOCKPILED MATERIAL (BX/BY) TYPICALLY SAND WITH CBR NOT LESS THAN 10%   |

PAVEMENT TYPE D – ALER ACCESS AND PERIMETER ROAD

| LAYER NAME     | THICKNESS (mm) | LAYER DESCRIPTION  |
|----------------|----------------|--|
| WEARING COURSE | 35             | AC10H (MRTS30)   |
| SEAL           | –              | S25E POLYMER MODIFIED SPRAY SEAL WITH 10mm COVER AGGREGATE.<br>NOMINAL SPRAY RATE: 1.5 L/m <sup>2</sup><br>NOMINAL SPREAD RATE: 140m <sup>2</sup> /m <sup>3</sup><br>(REFER SPECIFICATION) |
| BASE           | 250            | TYPE 2.1 MATERIAL (REFER SPECIFICATION)  |
| TOTAL          | 285            | MINIMUM INCLUDING ASPHALT  |
| SUBGRADE       | –              | STOCKPILED MATERIAL (BX/BY) TYPICALLY SAND WITH CBR NOT LESS THAN 10%  |

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486

Date: 29 May 2024



NOTES

- FOR GENERAL ARRANGEMENT REFER TO DRAWING 30033956-GA-1001.
- FOR CONTROL LINE SETOUT REFER TO DRAWING 30033956-CL-1001.
- FOR DRAINAGE DETAILS REFER TO DRAWING 30033956-DD-1003.
- SUBSOIL DRAINS ARE TO BE IN ACCORDANCE WITH DEPARTMENT OF MAIN ROADS STANDARD SPECIFICATION MRTS03.

DRAWING FILE LOCATION / NAME  
C:\bms\smec-pw-04\dms06287\30033956-PD-1001.dwg

PLOT DATE  
22 April 2024

TIME  
15:55:28

CERTIFIED BY  
Mitchell Murphy

SIGNATURE

RPEQ No  
24.352

DATE  
22.04.2024

EXTERNAL REFERENCE FILES

| REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      | MWR No. |
|-----|------------|---|---------|
| 01  | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED                | 002     |
| 02  | 28.02.2024 | 95% DESIGN ISSUE                                      | 003     |
| 03  | 11.03.2024 | ISSUED FOR TENDER                                     | 004     |
| 04  | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005     |
| 05  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006     |

APPROVAL

TITLE

NAME

SCALES AT A1 SIZE DRAWING

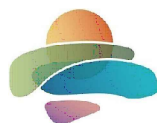
0 5 10 15 20m

DESIGNER



LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956

CLIENT



Sunshine  
Coast  
Airport

PROJECT TITLE

SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)

PAVEMENT LAYOUT PLAN

PHASE

PRELIMINARY

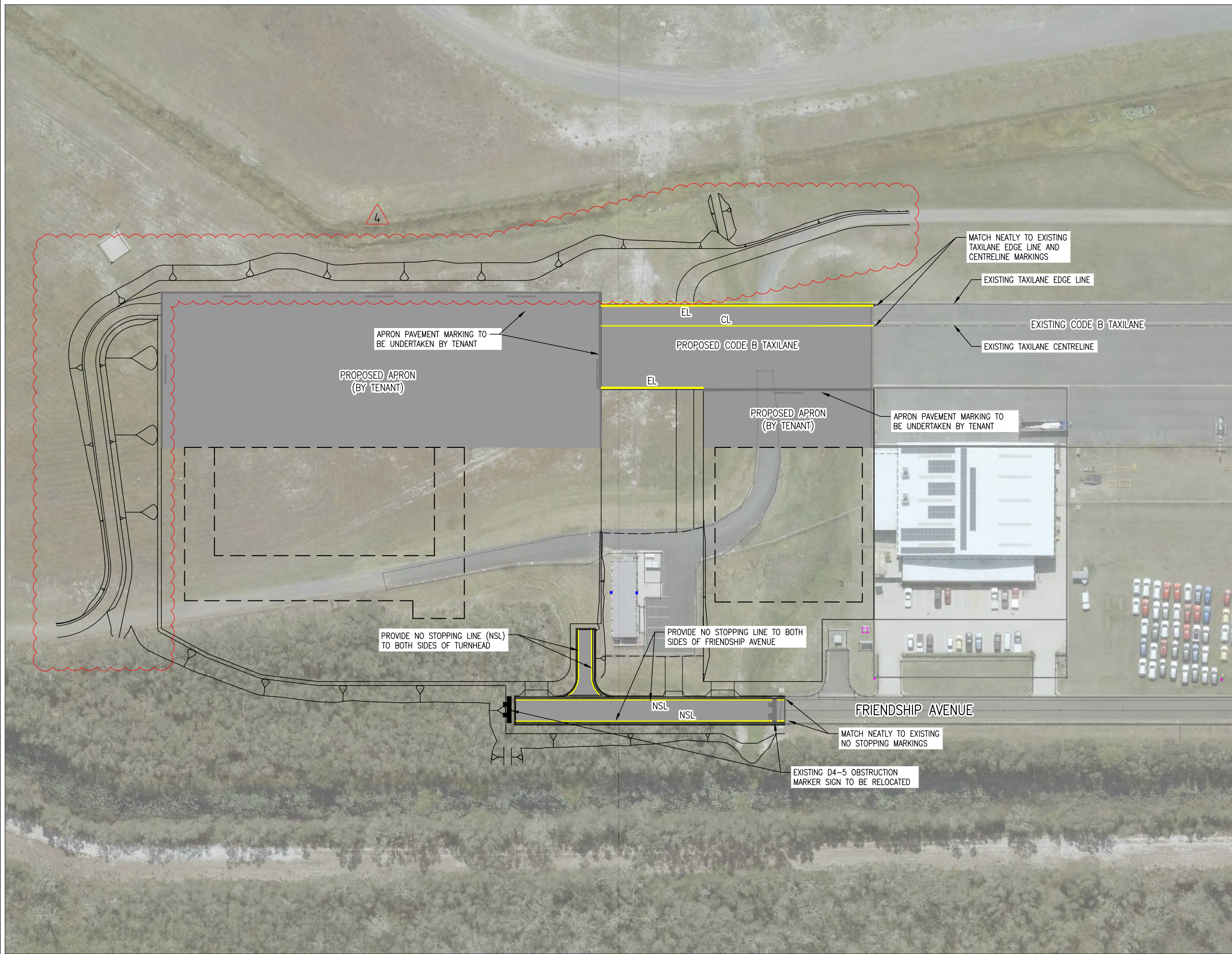
PROJECT / DRAWING No.

30033956-PD-1001

REVISION

05





PAVEMENT MARKING LEGEND

- (CL) TAXILANE CENTRELINE MARKING
- (EL) TAXILANE EDGE MARKINGS
- (NSL) NO STOPPING LINE (100mm WIDE)





PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



NOTES:

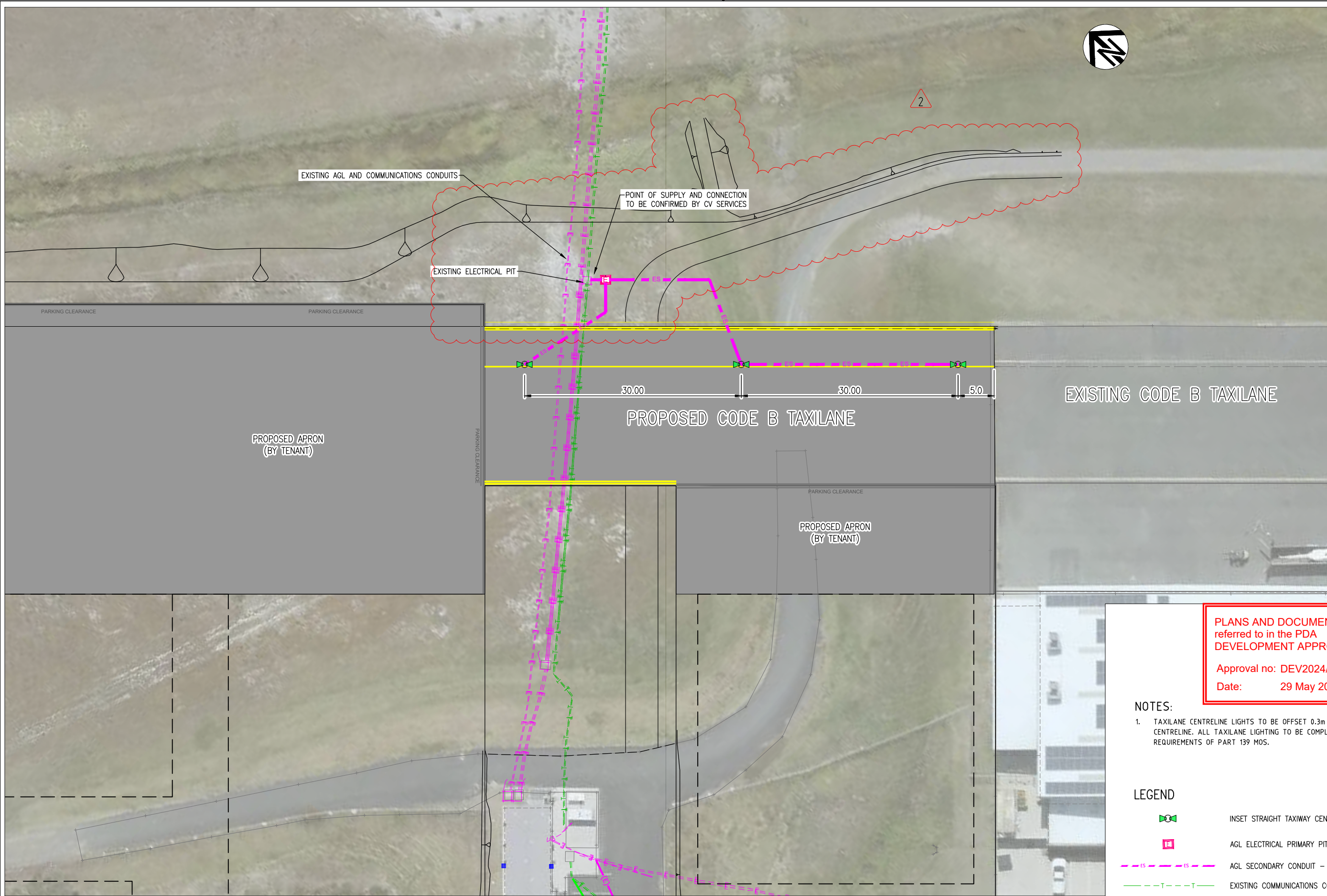
- AIRSIDE**
- THE DRAWING CONTAINS TYPICAL DETAILS OF PAVEMENT MARKING ARRANGEMENTS AS SPECIFIED ON PART 139 (AERODROMES) MANUAL OF STANDARDS. ALL NEW PAVEMENT MARKINGS ARE TO BE COMPLIANT WITH THE REQUIREMENTS OF PART 139 MOS.
  - 100mm BLACK BORDERS TO BE PROVIDED TO YELLOW AND WHITE MARKINGS ON ALL CONCRETE SURFACES.
  - ALL SETOUT LOCATIONS ARE TO BE CONFIRMED ON-SITE USING COORDINATES AND DIMENSIONS PROVIDED. SET OUT IS TO BE FROM THE CAD MODEL.
  - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - FOR LINE MARKING DETAILS REFER TO DRAWING 30033956-SL-1010.
- LANDSIDE**
- ALL LANDSIDE SIGNAGE AND PAVEMENT MARKING TO BE INSTALLED IN ACCORDANCE WITH AS 1742.2
  - EXTENT OF PAVEMENT MARKING TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION
  - EXACT LOCATION OF SIGNS TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.

|   |  |  |  |  |                            |            |   |                                 |  |                  |                    |  |   |   |   |                |  |
|---|--|--|--|--|----------------------------|------------|---|---------------------------------|--|------------------|--------------------|--|---|---|---|----------------|--|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-SL-1001.dwg |  |  |  |  | PLOT DATE<br>22 April 2024 |            | TIME<br>15:56:19                                      | CERTIFIED BY<br>Mitchell Murphy | SIGNATURE<br> | RPEQ No<br>24352 | DATE<br>22.04.2024 |  |   |   |   |                |  |
| EXTERNAL REFERENCE FILES  |  |  |  |  | REV                        | DATE       | AMENDMENT / REVISION DESCRIPTION                      | WVR No.                         | APPROVAL   | TITLE            | NAME               | SCALES AT A1 SIZE DRAWING<br> | DESIGNER<br><br>Member of the Surbana Jurong Group<br>© ABN 47 065 475 149<br>LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.<br>BIRTINYA QLD 4575<br>SMC PROJECT No 30033956 | CLIENT<br><br>Sunshine Coast Airport | PROJECT TITLE<br>SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1)<br>SIGNAGE AND PAVEMENT MARKING<br>LAYOUT PLAN |                |  |
|   |  |  |  |  | 01                         | 28.02.2024 | 95% DESIGN ISSUE                                      | 003                             | MM   | DRAFTER          | A. BARKER          |  |   |   |   |                |  |
|   |  |  |  |  | 02                         | 11.03.2024 | ISSUED FOR TENDER                                     | 004                             | MM   | DRAFTING CHECK   | M. MURPHY          |  |   |   |   |                |  |
|   |  |  |  |  | 03                         | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          | 005                             | MM   | DESIGNER         | A. BARKER          |  |   |   |   |                |  |
|   |  |  |  |  | 04                         | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006                             | MM   | DESIGN CHECK     | C. GREEN           |  |   |   |   |                |  |
|   |  |  |  |  |                            |            |   |                                 |  | PROJECT MANAGER  | M. MURPHY          |  |   |   |   |                |  |
|   |  |  |  |  |                            |            |   |                                 |  | PROJECT DIRECTOR | C. GREEN           |  |   | PHASE<br>PRELIMINARY  | PROJECT / DRAWING No<br>30033956-SL-1001  | REVISION<br>04 |  |



150 mm ON ORIGINAL

A1



PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL






Approval no: DEV2024/1486  
Date: 29 May 2024



NOTES:

1. TAXILANE CENTRELINE LIGHTS TO BE OFFSET 0.3m FROM CENTRELINE. ALL TAXILANE LIGHTING TO BE COMPLIANT WITH THE REQUIREMENTS OF PART 139 MOS.

LEGEND

-  INSET STRAIGHT TAXIWAY CENTRELINE LIGHT – BIDIRECTIONAL
-  AGL ELECTRICAL PRIMARY PIT – CUBIS BELLTOP 911
-  AGL SECONDARY CONDUIT – 1x63mm
-  EXISTING COMMUNICATIONS CONDUIT
-  EXISTING ELECTRICAL CONDUIT

DRAWING FILE LOCATION / NAME  
C:\bms\smec-pw-04\dms06287\30033956-EL-1001.dwg

| EXTERNAL REFERENCE FILES | REV | DATE       | AMENDMENT / REVISION DESCRIPTION                      | WVR No. |
|--------------------------|-----|------------|---|---------|
|                          | 01  | 11.03.2024 | ISSUED FOR TENDER                                     | 004     |
|                          | 02  | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS | 006     |

PLOT DATE  
22 April 2024

TIME  
15:57:12

CERTIFIED BY  
Mitchell Murphy

SIGNATURE  


RPEQ No  
24352

DATE  
22.04.2024

| APPROVAL | TITLE            | NAME      |
|----------|------------------|-----------|
| MM       | DRAFTER          | A. BARKER |
| MM       | DRAFTING CHECK   | M. MURPHY |
|          | DESIGNER         | A. BARKER |
|          | DESIGN CHECK     | C. GREEN  |
|          | PROJECT MANAGER  | M. MURPHY |
|          | PROJECT DIRECTOR | C. GREEN  |

SCALES AT A1 SIZE DRAWING

0 2 4 6 8 10m

DESIGNER



LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575  
SMC PROJECT No 30033956

CLIENT

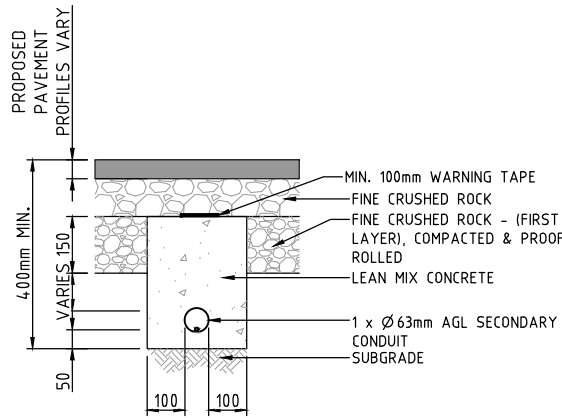


PROJECT TITLE  
SUNSHINE COAST AIRPORT  
AEROSPACE PRECINCT - STAGE 1B (PHASE 1)  
SIGNAGE AND PAVEMENT MARKING  
AGL LAYOUT PLAN

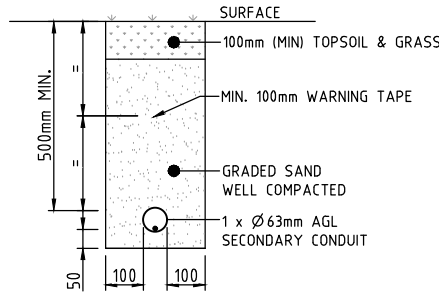
PHASE  
PRELIMINARY

PROJECT / DRAWING No.  
30033956-EL-1001

REVISION  
02



1 AGL SECONDARY CONDUITS TRENCH UNDER PAVEMENT  
SCALE 1:10



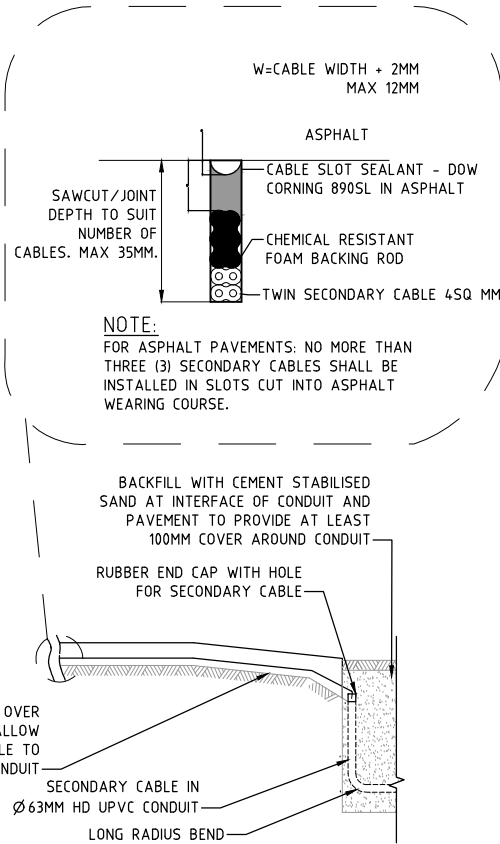
2 AGL SECONDARY CONDUITS TRENCH IN GRASS  
SCALE 1:10

AGL CENTRELINE FITTING  
INSTALLED ON DEEP BASE CAN

1 x 63mm Ø HD uPVC CONDUIT  
INSTALLED BETWEEN DEEP BASE CANS




3 TYPICAL SECONDARY CONDUIT LAYOUT TO MULTIPLE LIGHTS  
SCALE NTS



4 AGL SECONDARY CONDUIT AND SAWCUT JOINT  
SCALE 1:10

NOTES:

- CONDUIT SIZING AND QUANTITY AS PER PLAN LAYOUT.
- PAVEMENT SHOWN IS INDICATIVE. REFER TO PAVEMENT DETAILS.
- ALL CONDUITS TO BE INSTALLED WITH 6mm NYLON DRAW WIRE.

|   |  |     |            |                                  |                            |          |                  |           |   |  |  |  |                  |  |                    |  |
|---|--|-----|------------|----------------------------------|----------------------------|----------|------------------|-----------|---|--|--|--|------------------|--|--------------------|--|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dms06287\30033956-EL-1010.dwg |  |     |            |                                  | PLOT DATE<br>22 April 2024 |          | TIME<br>15:57:43 |           | CERTIFIED BY<br>Mitchell Murphy                             |  | SIGNATURE<br> |  | RPEQ No<br>24352 |  | DATE<br>22.04.2024 |  |
| EXTERNAL REFERENCE FILES  |  | REV | DATE       | AMENDMENT / REVISION DESCRIPTION | WVR No.                    | APPROVAL | TITLE            | NAME      | SCALES AT A1 SIZE DRAWING<br><div><div>0246810m</div></div> |  |  |  |                  |  |                    |  |
|   |  | 01  | 11.03.2024 | ISSUED FOR TENDER                | 004                        | MM       | DRAFTER          | A. BARKER |   |  |  |  |                  |  |                    |  |
|   |  |     |            |                                  |                            |          | DRAFTING CHECK   | M. MURPHY |   |  |  |  |                  |  |                    |  |
|   |  |     |            |                                  |                            |          | DESIGNER         | A. BARKER |   |  |  |  |                  |  |                    |  |
|   |  |     |            |                                  |                            |          | DESIGN CHECK     | C. GREEN  |   |  |  |  |                  |  |                    |  |
|   |  |     |            |                                  |                            |          | PROJECT MANAGER  | M. MURPHY |   |  |  |  |                  |  |                    |  |
|   |  |     |            |                                  |                            |          | PROJECT DIRECTOR | C. GREEN  |   |  |  |  |                  |  |                    |  |

DESIGNER

**SMC**

Member of the Surbana Jurong Group

© ABN 47 065 475 149

LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.  
BIRTINYA QLD 4575

SMC PROJECT No 30033956

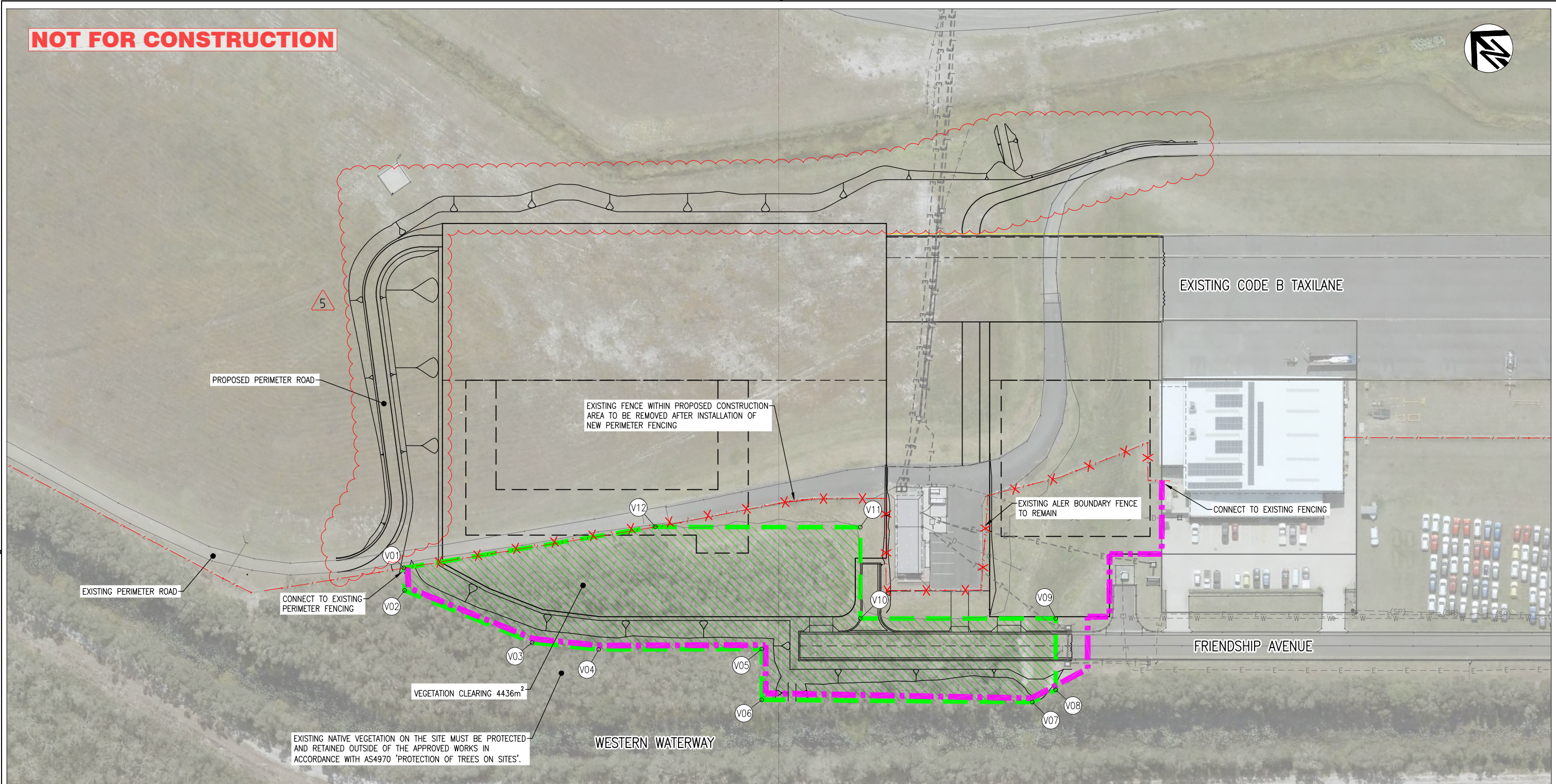
CLIENT

**Sunshine Coast Airport**

|   |   |  |                |
|---|---|--|----------------|
| PROJECT TITLE<br>SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1)<br>SIGNAGE AND PAVEMENT MARKING<br>AGL DETAILS |   |  |                |
| PHASE<br>PRELIMINARY  | PROJECT / DRAWING No.<br>30033956-EL-1010 |  | REVISION<br>01 |



NOT FOR CONSTRUCTION







VEGETATION CLEARING SETOUT

| Pl. | EASTING    | NORTHING    |
|-----|------------|-------------|
| V01 | 508106.276 | 7057991.297 |
| V02 | 508102.154 | 7057987.261 |
| V03 | 508114.213 | 7057954.019 |
| V04 | 508124.388 | 7057940.165 |
| V05 | 508152.577 | 7057909.225 |
| V06 | 508142.924 | 7057900.477 |
| V07 | 508189.123 | 7057848.590 |
| V08 | 508195.487 | 7057846.262 |
| V09 | 508209.066 | 7057858.568 |
| V10 | 508175.371 | 7057895.747 |
| V11 | 508192.728 | 7057911.476 |
| V12 | 508157.487 | 7057950.516 |

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2024/1486  
Date: 29 May 2024



|   |  |  |  |                            |            |   |  |                                 |          |  |           |   |  |                    |  |  |   |  |   |  |
|---|--|--|--|----------------------------|------------|---|--|---------------------------------|----------|--|-----------|---|--|--------------------|--|--|---|--|---|--|
| DRAWING FILE LOCATION / NAME<br>C:\bms\smec-pw-04\dm506287\30033956-FN-1001.dwg |  |  |  | PLOT DATE<br>22 April 2024 |            | TIME<br>15:58:40                                      |  | CERTIFIED BY<br>Mitchell Murphy |          | SIGNATURE<br> |           | RPEQ No<br>24352  |  | DATE<br>22.04.2024 |  |  |   |  |   |  |
| EXTERNAL REFERENCE FILES  |  |  |  | REV                        | DATE       | AMENDMENT / REVISION DESCRIPTION                      |  | WVR No.                         | APPROVAL | TITLE  | NAME      | SCALES AT A1 SIZE DRAWING   |  |                    | DESIGNER   |  | CLIENT  |  | PROJECT TITLE   |  |
|   |  |  |  | 01                         | 19.02.2024 | 50% DESIGN - REVIEW COMMENTS ADDRESSED                |  | 002                             | MM       | DRAFTER  | A. BARKER |  |  |                    | <br>Member of the Surbana Jurong Group<br>© ABN 47 065 475 149<br>LEVEL 1, THE EDGE EAST, 10 LAKE KAWANA BLVD.<br>BIRTINYA QLD 4575<br>SMEC PROJECT No 30033956 |  | <br>Sunshine Coast Airport |  | SUNSHINE COAST AIRPORT<br>AEROSPACE PRECINCT - STAGE 1B (PHASE 1)<br>FENCING - CONSTRUCTION STAGE<br>AND VEGETATION CLEARING PLAN |  |
|   |  |  |  | 02                         | 28.02.2024 | 95% DESIGN ISSUE                                      |  | 003                             | MM       | DRAFTING CHECK   | M. MURPHY |   |  |                    |  |  |   |  |   |  |
|   |  |  |  | 03                         | 11.03.2024 | ISSUED FOR TENDER                                     |  | 004                             | MM       | DESIGNER   | A. BARKER |   |  |                    |  |  |   |  |   |  |
|   |  |  |  | 04                         | 19.03.2024 | TENDER ADDENDUM - DRAINAGE LINE 07 RELOCATED          |  | 005                             | MM       | DESIGN CHECK   | C. GREEN  |   |  |                    |  |  |   |  |   |  |
|   |  |  |  | 06                         | 26.03.2024 | TENDER ADDENDUM - APRON AND PERIMETER ROAD AMENDMENTS |  | 006                             | MM       | PROJECT MANAGER  | M. MURPHY |   |  |                    |  |  |   |  |   |  |
|   |  |  |  | PROJECT DIRECTOR           |            | C. GREEN  |  |                                 |          |  |           |   |  |                    |  |  |   |  |   |  |
|   |  |  |  |                            |            |   |  |                                 |          |  |           |   |  |                    |  |  |   |  |   |  |
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