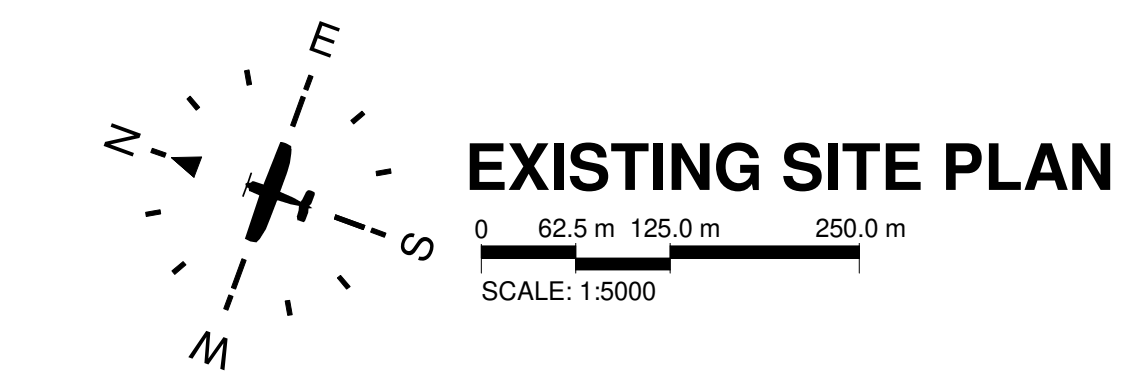


APPENDIX 25

SDP AND LINEAR LAYOUT WITH COORDINATES

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DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P. TO BE CARRIED UP TO 50 ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 50m.
- * INSPECTION EYES 150mm TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * FLOODING EYES 150mm TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 50m SPACED ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR ALL BELOW PAVING.
- * RESEAL TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL INTERFLOWS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1:4 V. AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * ALL BRANCH DRAINS EXCEEDING 90m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 9103.
- * FIRE EXITS TO BE INSTALLED IN ACCORDANCE WITH SABS 9103.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BRANDS AND LOCATED IN SECURE POSITIONS AS INDICATED ON PLAN.
- * CLASS B FIRE EXITS TO COMPLY WITH SABS 1050 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL BUILDINGS AND COMPONENTS TO COMPLY WITH ITT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 1006 CODE 1186 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

1

1	Address ATCT and related	2024-02-24
2	FOR REVIEW	2024-04-10
3	FOR REVIEW	2024-04-10
4	FOR REVIEW	2024-04-10

Rev	Description	Revised Date
1		

UNIT OF First Floor
BOERJAN BUSINESS PARK
BOERJAN
on Kelly & Bosbok street
2156
Tel: 011 702 4250 9169

CLIENT

Client

Engineer

Registration No. Designer

SACAP No.

CLIENT

PHS Consulting

TITLE

EXISTING SITE PLAN

DRAWING

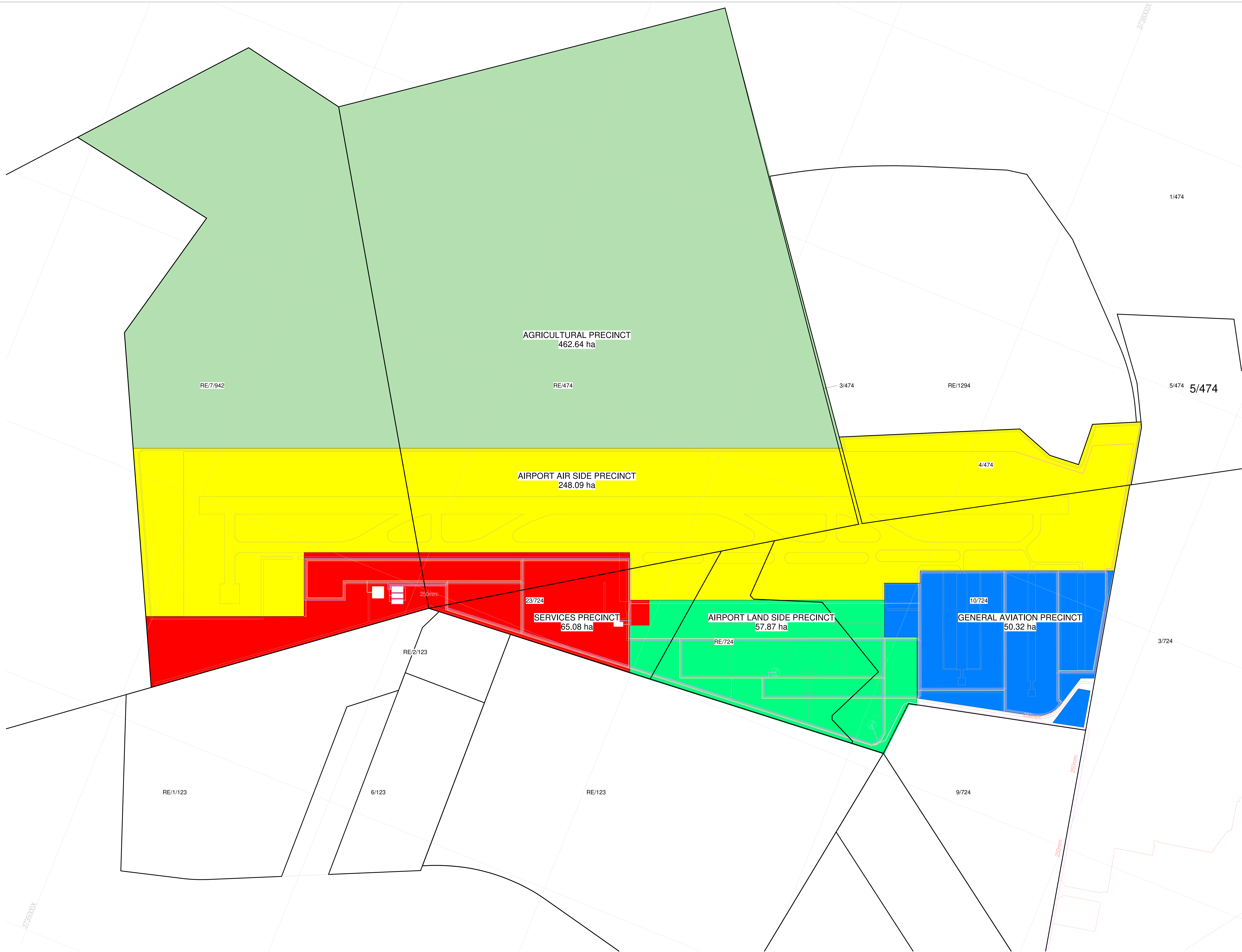
CWA - PRECINCT PLANS

SIZE	DATE	DATE	DATE	REV
A0	2024-02-24	2024-02-27	100	5

SCALE: 1:5000

DATE: 2024-02-24

DRAWING NO.: CWA-0001



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- * REINFORCED CONCRETE AND STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEER'S DESIGN AND SPECIFICATIONS.

DRAINAGE NOTES:

- * ALL DRAINAGE RIMS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * VP 1 TO BE CARRIED UP TO 2m ABOVE ANY WINDOW OR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 6m.
- * INSPECTION EYES (EYE) TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ALL SOIL AND WASTE PIPES TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 20m SPACINGS ALONG RUNS OF DRAINS.
- * MARKED COVERS TO BE PROVIDED AT GROUND LEVEL FOR (a) BELOW PAVING
- * RESAL TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL WATER DRAINS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL AROUND AND BE PROVIDED WITH (a) AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WATER DRAIN HAVING A VERTICAL DROP EXCEEDING 10% TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * GROUND DRAINS EXCEEDING 6m IN LENGTH TO BE EXTENDED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * a) EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 1100.
- * b) HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 540.
- * c) HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH SABS 1128 PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON PURPOSE MADE BOARDS AND LOCATED IN SECURE PROTECTED AREAS INDICATED ON PLAN.
- * GLASS: IF DOORS COMPLY WITH SABS 1263 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY WITH TTT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH S.A.B.S. CODE 1186 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

3

3	AMENDMENT TO AGRICULTURAL PRECINCT AREA	2025-03-1
2	1st ADDED TO AREAS	2025-03-1
1	PHASE 2 KEY PLAN CREATED	2025-03-1

Row	Description	Revision
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UNIT 10 First Floor

CLIENT _____



Client _____

Engineer Registration NO. Designer

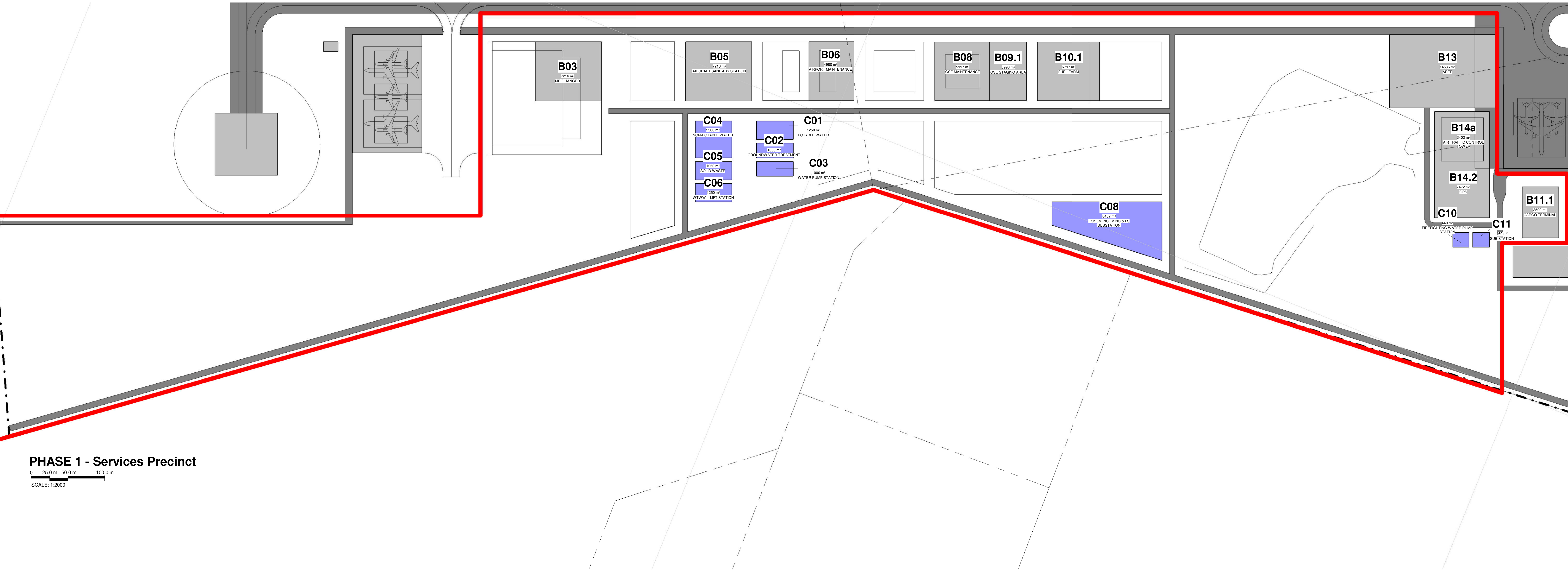
PLATE 1

CONSULTANT

PHASE 2 KEY PLAN

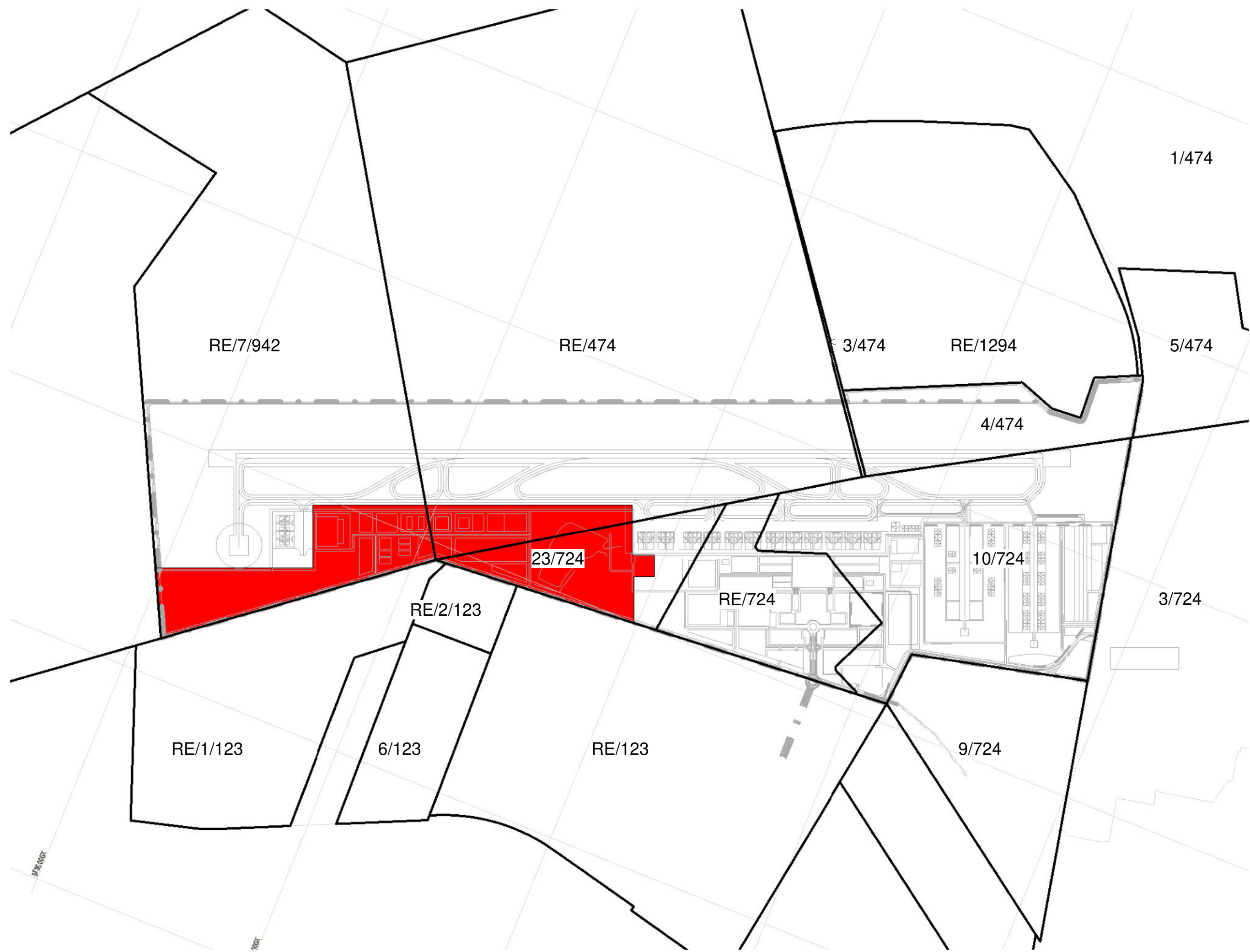
CMA PRECINCT PLANSCWA - PRECINCT PDs

SQ#	CHRG NO	REV
10	00000000000000000000	3



PHASE 1 - Services Precinct

0 25.0 m 50.0 m 100.0 m
SCALE: 1:2000



Key Plan - PHASE 1 Services Precinct

0 187.5 m 375.0 m 750.0 m
SCALE: 1:15000

PHASE 1 - SERVICES		
Name	Occupancy	Area
B03	MRO HANGER	7216 m ²
B05	AIRCRAFT SANITARY STATION	7216 m ²
B06	AIRPORT MAINTENANCE	4980 m ²
B07	CATERING BUILDING	Not Placed
B08	GSE MAINTENANCE	5997 m ²
B09.1	GSE STAGING AREA	3998 m ²
B10.1	FUEL FARM	6797 m ²
B10.2	FUEL FARM	Not Placed
B11.1	CARGO TERMINAL	3500 m ²
B13	ARFF	14536 m ²
B14.2	OPS	7472 m ²
B14a	AIR TRAFFIC CONTROL TOWER	3403 m ²
B24.1	SUB STATION	260 m ²

PHASE 1 - SERVICES		
Name	Occupancy	Area
C01	POTABLE WATER	1250 m ²
C02	GROUNDWATER TREATMENT	1000 m ²
C03	WATER PUMP STATION	1000 m ²
C04	NON-POTABLE WATER	2500 m ²
C05	SOLID WASTE	1250 m ²
C06	WTWW + LIFT STATION	1250 m ²
C08	ESKOM INCOMING & LS SUBSTATION	8432 m ²
C10	FIREFIGHTING WATER PUMP STATION	440 m ²
C11	SUB STATION	460 m ²
E04.14	AIRPORT USE	Not Placed
E04.15	AIRPORT USE	Not Placed

MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTS
PAPI

Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator

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DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P.I. TO BE CARRIED UP TO 2m ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES (x 1/4") TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ROOFING EYES (x 1/4") TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 5m SPACINGS ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR UN-BELOW PAVING.
- * REVEAL TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL WITHOUSINGS PASSING UNDER BUILDING TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1:4% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-VIBRATED.
- * ALL BRANCH DRAINS EXCEEDING 5m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 500.
- * FIRE HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 540.
- * HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH SABS 110/PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND OR PUMPED WAVE BRANDS AND LOCATED IN SECURE PORTIONS AS INDICATED ON PLAN.
- * CLASS "B" FIRE COVERS TO COMPLY WITH SABS 150 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL BUILDINGS AND COMPONENTS TO COMPLY WITH ITT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 1188. CODE 1188 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

2	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-08-01
3	ISSUED - PHASE 1 UPDATED	2024-08-15
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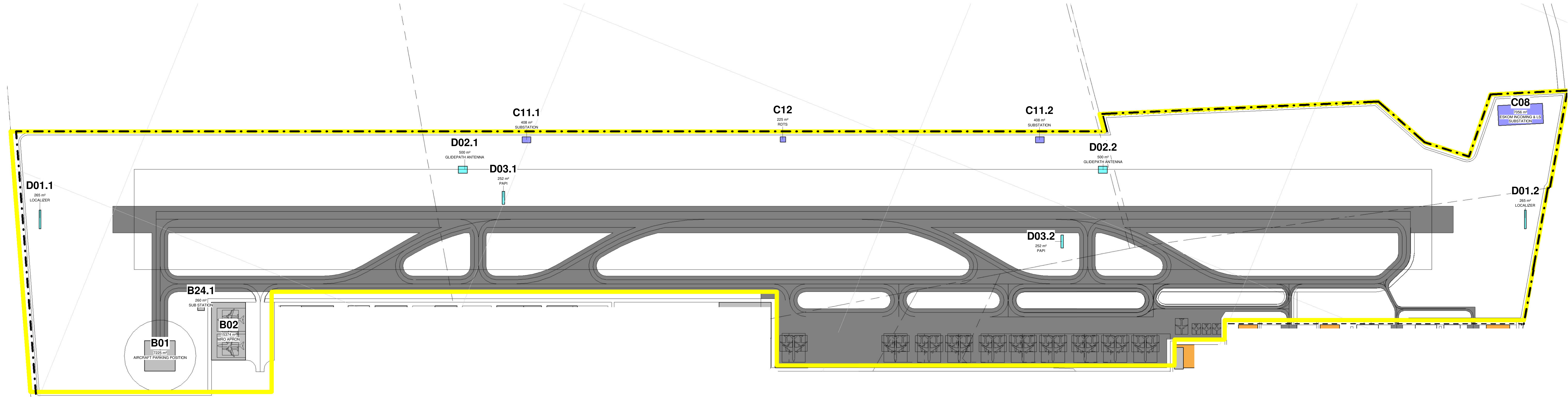


UNIT 10 First Floor
BOESMAN BUSINESS PARK
BOESMAN
on Kelly & Bosbok street
2158
Tel: 011 702 4259 9169

CLIENT

CAPE WINELANDS AERO

Client		Registration NO.	Designer
Engineer		SACAP NO.	
CLIENT	ENVIRONMENTAL CONSULTANT		
TITLE	PHASE 1 SERVICES PRECINCT		
DRAWING	CWA - PRECINCT PLANS		
SIZE		DWG NO.	REV.
A0		2024-3297 410	9
SCALE	As indicated	DATE	2024-08-15
		DRAWN BY	CPK 02085



PHASE 1 - Airport Air Side Precinct

0 512.5 m 1025.0 m 2050.0 m
SCALE: 1:41000

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- * REINFORCED CONCRETE AND STRUCTURAL STEEL WORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEERS DESIGN AND SPECIFICATIONS.

DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P.I. TO BE CARRIED UP TO 20 ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES 150mm TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ROOFING EYES 150mm TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 50m SPACINGS ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR UN BELOW PAVING.
- * REGULAR TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL WASTE DRAINS PASSING UNDER BUILDING TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1:5% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * ALL BRANCH DRAINS EXCEEDING 60m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 9103.
- * FIRE HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 943.
- * FIRE EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 1109 PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BRANDS AND LOCATED IN SECURE PORTIONS AS INDICATED ON PLAN.
- * CLASS 1 FIRE DOORS TO COMPLY WITH SABS 1554 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL BEAMS AND COMPONENTS TO COMPLY WITH SABS 1170.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 1006, CODE 1186 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

248.41 ha

PHASE 1 - AIR SIDE		
Name	Occupancy	Area
B01	AIRCRAFT PARKING POSITION	7225 m²
B02	MRO APRON	15374 m²
B12	CARGO APRON	Not Placed

MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTS
PAPI

Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator

PHASE 1 - AIR SIDE		
Name	Occupancy	Area
C08	ESKOM INCOMING & LS SUBSTATION	7056 m²
C11.1	SUBSTATION	408 m²
C11.2	SUBSTATION	408 m²
C12	RDTS	225 m²

PHASE 1 - AIR SIDE		
Name	Occupancy	Area
D01.1	LOCALIZER	265 m²
D01.2	LOCALIZER	265 m²
D02.1	GLIDEPATH ANTENNA	500 m²
D02.2	GLIDEPATH ANTENNA	500 m²
D03.1	PAPI	252 m²
D03.2	PAPI	252 m²

5

1	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-08-20
2	ISSUED - PHASE 1 UPDATED	2024-08-19
3	ISSUED FOR COMMENT	2024-08-19
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100	ISSUED FOR COMMENT	2024-08-19



CLIENT

CAPE WINELANDS AERO

Client

Engineer

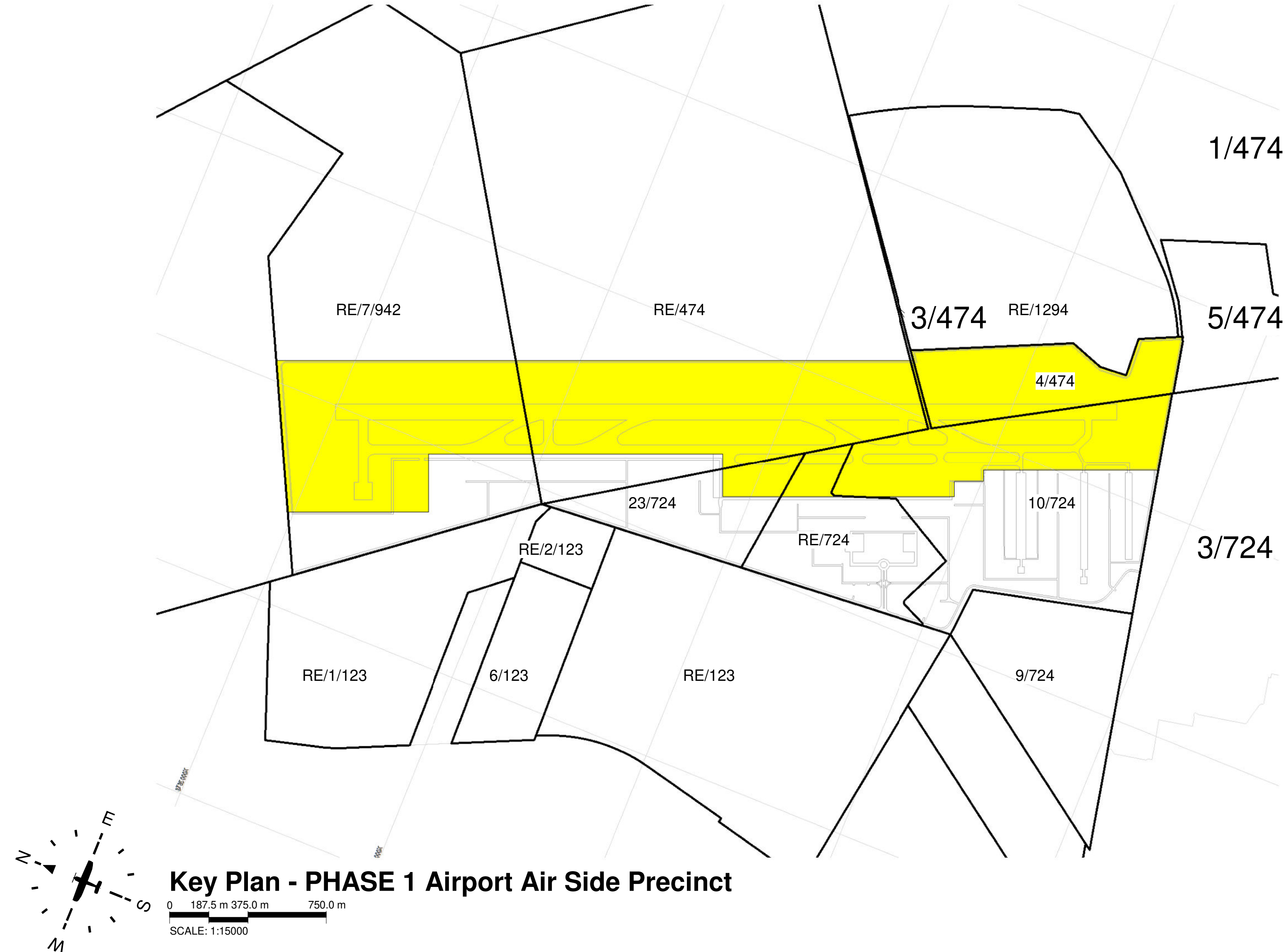
Registration NO. Designer

CLIENT ENVIRONMENTAL CONSULTANT

TITLE PHASE 1 AIRPORT AIR SIDE PRECINCT

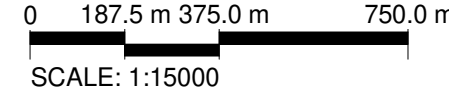
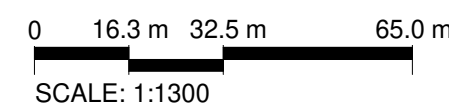
DRAWING CWA - PRECINCT PLANS

SIZE		DWG NO.		DATE	2024-08-19	412	REV	9
A0								
SCALE	As indicated	DATE	2024-08-19	DRAWN BY	CPH	CHECKED BY		



Key Plan - PHASE 1 Airport Air Side Precinct

0 187.5 m 375.0 m 750.0 m
SCALE: 1:15000



GENERAL NOTES

- * ALL BUILDING WORK AND BUILDING REQUIREMENTS ARE TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING REGULATIONS AND BUILDING ENFORCEMENT ACT (NO 107 OF 1977).
- * THIS DRAWING IS NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY.
- * ALL DIMENSIONS INCLUDE STELLS ETC. TO BE CHECKED ON SITE BEFORE ANY WORK IS COMMENCED.
- * ANY DISCREPANCIES, QUERIES, ETC. RELATED TO THIS DRAWING ARE TO BE REFERRED TO CAPEX PROJECTS BEFORE ANY WORK IS COMMENCED.
- * REINFORCED CONCRETE AND STRUCTURAL STEEL WORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEERS DESIGN AND SPECIFICATIONS.

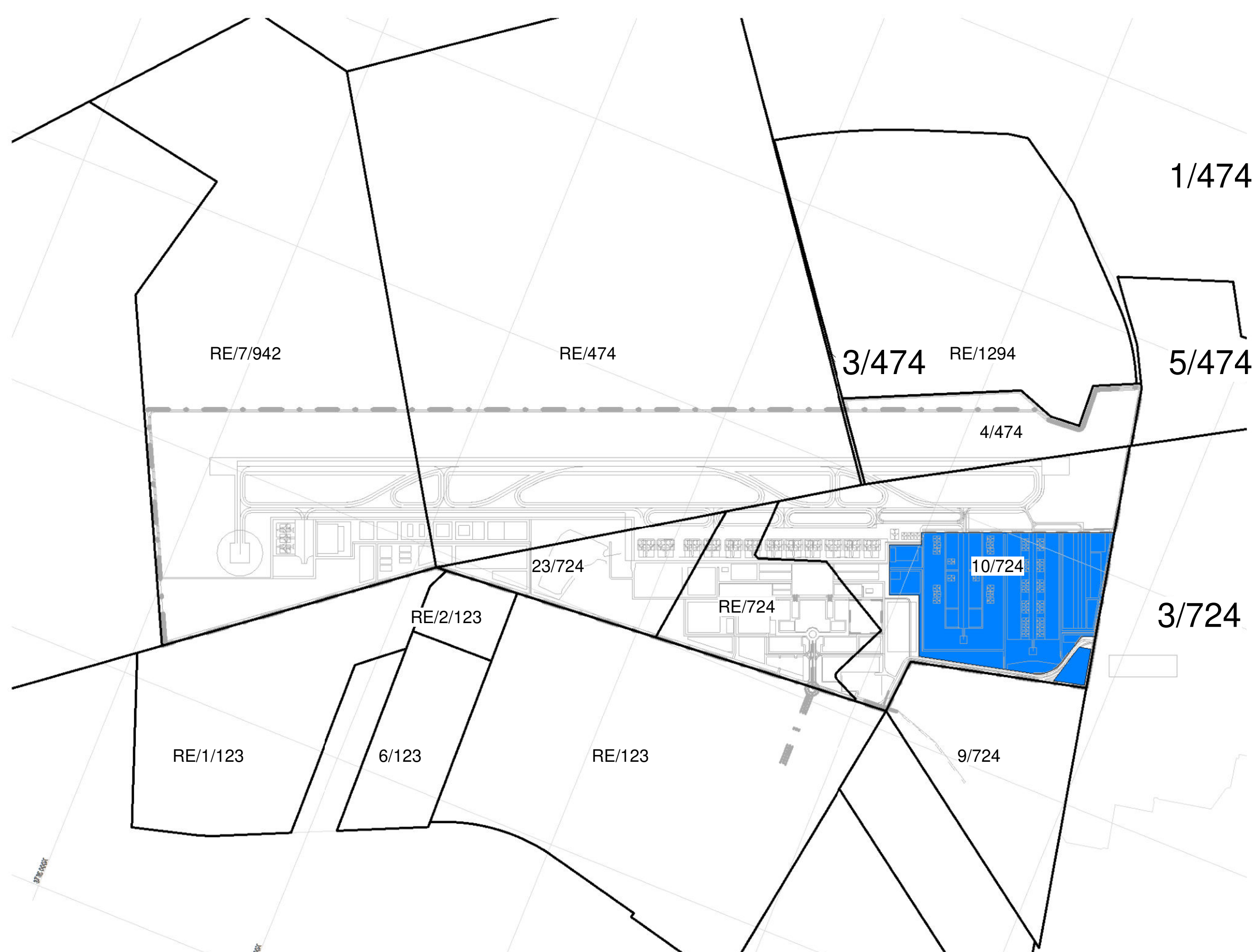
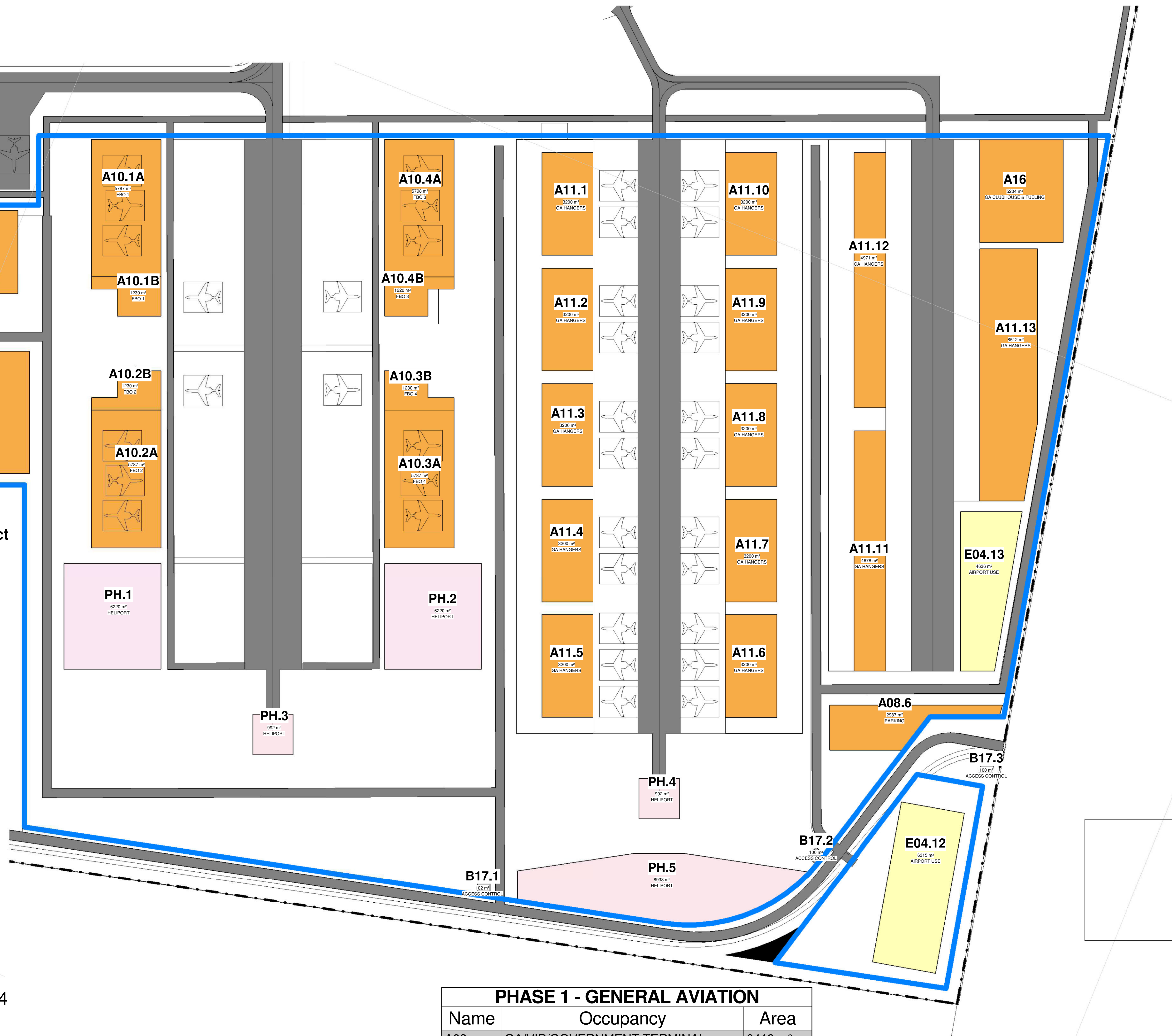
DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P.I. TO BE CARRIED UP TO 20 ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES (i.e. 100mm) TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ROOFING EYES (i.e. 100mm) TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 50m SPACES ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR AN BELOW PAVING.
- * REGULAR TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL WASTE DRAINS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1:4% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * ALL BRANCH DRAINS EXCEEDING 6m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 5103.
- * FIRE HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 540.
- * FIRE EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 110 PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE WAREHOUSES AND LOCATED IN SECURE PORTIONS AS INDICATED ON PLAN.
- * CLASS "B" FIRE DOORS TO COMPLY WITH SABS 150 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL BEAMS AND COMPONENTS TO COMPLY WITH SABS 110 PART 1.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 5. CODE 1186 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

PHASE 1 - General Aviation Precinct



Key Plan - PHASE 1 General Aviation Precinct

SCALE: 1:15000

MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTs
PAPI

Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator

PHASE 1 - GENERAL AVIATION

Name	Occupancy	Area
A03	GA/VIP/GOVERNMENT TERMINAL	6419 m ²
A08.5	PARKING	10753 m ²
A08.6	PARKING	2987 m ²
A10.1A	FBO 1	5787 m ²
A10.1B	FBO 1	1230 m ²
A10.2A	FBO 2	5787 m ²
A10.2B	FBO 2	1230 m ²
A10.3A	FBO 4	5787 m ²
A10.3B	FBO 4	1230 m ²
A10.4A	FBO 3	5798 m ²
A10.4B	FBO 3	1220 m ²
A11.1	GA HANGERS	3200 m ²
A11.2	GA HANGERS	3200 m ²
A11.3	GA HANGERS	3200 m ²
A11.4	GA HANGERS	3200 m ²
A11.5	GA HANGERS	3200 m ²
A11.6	GA HANGERS	3200 m ²
A11.7	GA HANGERS	3200 m ²
A11.8	GA HANGERS	3200 m ²
A11.9	GA HANGERS	3200 m ²
A11.10	GA HANGERS	3200 m ²
A11.11	GA HANGERS	4678 m ²
A11.12	GA HANGERS	4971 m ²
A11.13	GA HANGERS	8512 m ²
A16	GA CLUBHOUSE & FUELING	5204 m ²

PHASE 1 - GENERAL AVIATION

Name	Occupancy	Area
B11	SPECIAL CARGO FACILITY	1575 m ²
B14.1	OPS	1500 m ²
B17.1	ACCESS CONTROL	102 m ²
B17.2	ACCESS CONTROL	100 m ²
B17.3	ACCESS CONTROL	100 m ²

PHASE 1 - GENERAL AVIATION

Name	Occupancy	Area
E04.12	AIRPORT USE	6315 m ²
E04.13	AIRPORT USE	4636 m ²

PHASE 1 - GENERAL AVIATION

Name	Occupancy	Area
PH.1	HELIPORT	6220 m ²
PH.2	HELIPORT	6220 m ²
PH.3	HELIPORT	992 m ²
PH.4	HELIPORT	992 m ²
PH.5	HELIPORT	8938 m ²

49.10 ha

7

2	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-08-01
3	ISSUED - PHASE 1 UPDATED	2024-08-15
4	ISSUED FOR COMMENT	2024-08-15
5	ISSUED FOR REVIEW	2024-08-15
6	ISSUED FOR REVIEW	2024-08-15
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8	ISSUED FOR REVIEW	2024-08-15
9	ISSUED FOR REVIEW	2024-08-15
10	ISSUED FOR REVIEW	2024-08-15
11	ISSUED FOR REVIEW	2024-08-15

Rev	Description	Revision Date
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UNIT 10 First Floor
BOSSMAN BUSINESS PARK
BOSSMAN
on Kelly & Bosman street
2106

CLIENT

CAPE WINELANDS AERO

CLIENT

Engineer

Registration No. Designer

CLIENT

ENVIRONMENTAL CONSULTANT

TITLE

PHASE 1 GENERAL AVIATION PRECINCT

DRAWING

CWA - PRECINCT PLANS

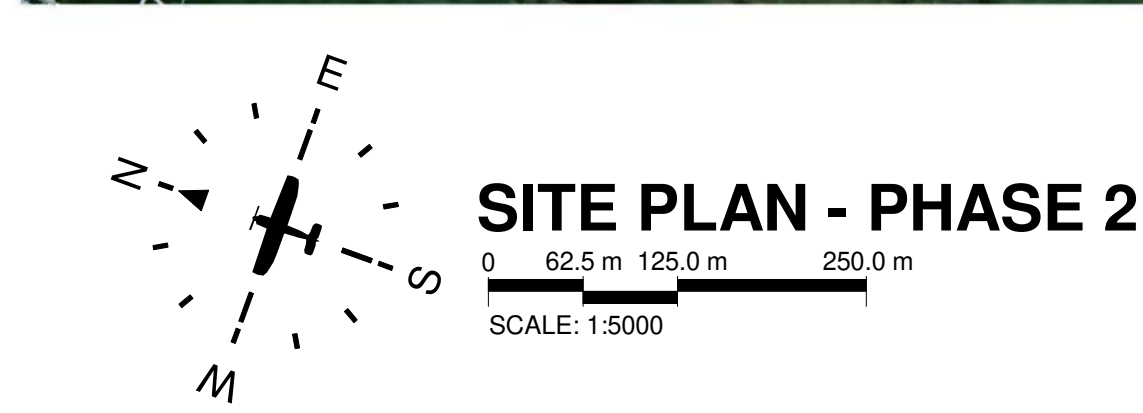
SIZE

DATE

2024-08-01

2024-08-01

2024-08-01



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GENERAL NOTES

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- * REINFORCED CONCRETE AND STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEERS DESIGN AND SPECIFICATIONS.

DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P. TO BE CARRIED UP TO 20 ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING ON ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES 150mm TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * FLOORING EYES 150mm TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 5m SPACED ALONG RUNS OF DRAIN.
- * MANHOLE COVERS TO BE PROVIDED AT 10m INTERVALS FOR ALL BELOW PAVING.
- * REGULAR TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL INTERFLOWS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 150mm AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * ALL BRANCH DRAINS EXCEEDING 60mm IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 9100.
- * IN CASE OF FIRE TO BE INSTALLED IN ACCORDANCE WITH SABS 9100.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BRANDS AND LOCATED IN SECURE POSITIONS AS INDICATED ON PLAN.
- * CLASS "B" FIRE DOORS TO COMPLY WITH SABS 150 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL BUILDINGS AND COMPONENTS TO COMPLY WITH SABS 150.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 1000, CODE 1188 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.

8

No.	Description	Revision
1	Issued for Review	2024-01-23
2	Issued for Review	2024-01-23
3	Issued for Review	2024-01-23
4	Issued for Review	2024-01-23
5	Issued for Review	2024-01-23
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100	Issued for Review	2024-01-23

UNIT 10 First Floor
BOERJAN BUSINESS PARK
BOERJAN
on Kelly & Bosbok street
2108

CAPEX PROJECTS Tel: 011 702 4209 9169

CLIENT

CAPE WINELANDS AERO

Client _____

Engineer _____ Registration No. _____ Designer _____

CLIENT

ENVIRONMENTAL CONSULTANT

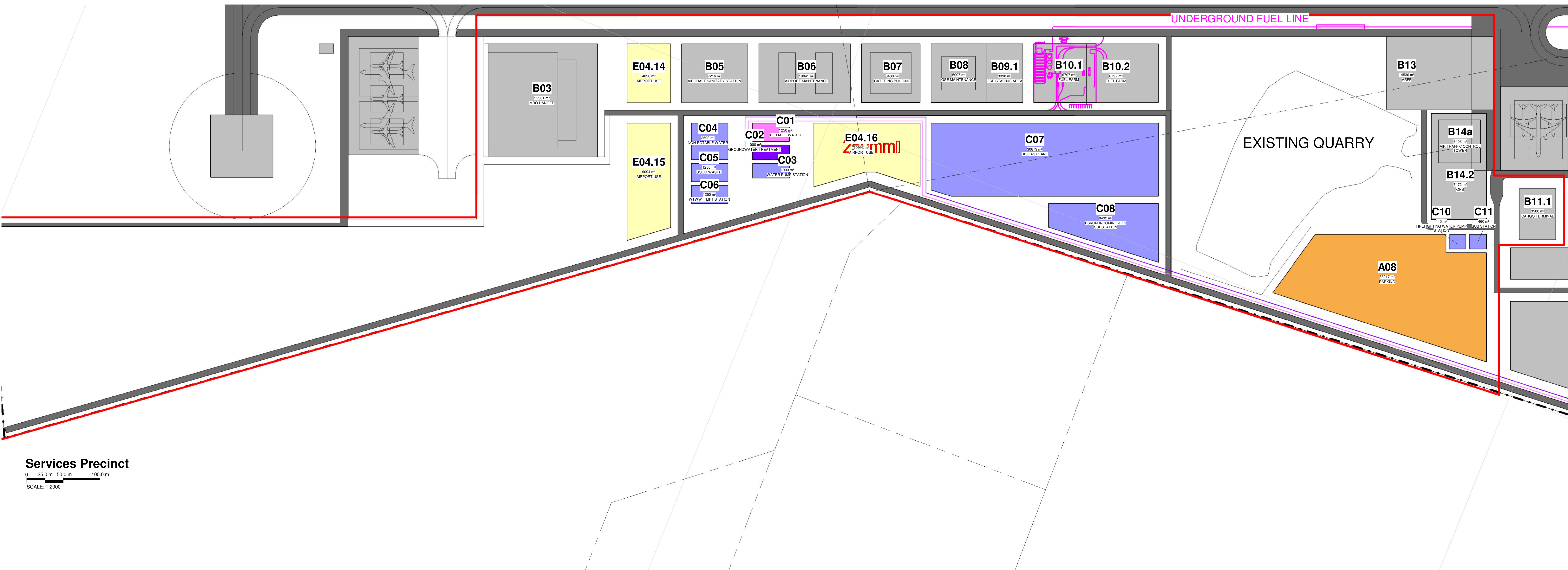
PHASE 2

Drawings

CWA - PRECINCT PLANS

SIZE	DATE	DESCRIPTION	REV
A0	2024-02-27	400	16

SCALE: 1:5000 DATE: 2024-02-27 DRAWING NO.: CWA-0001



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GENERAL NOTES

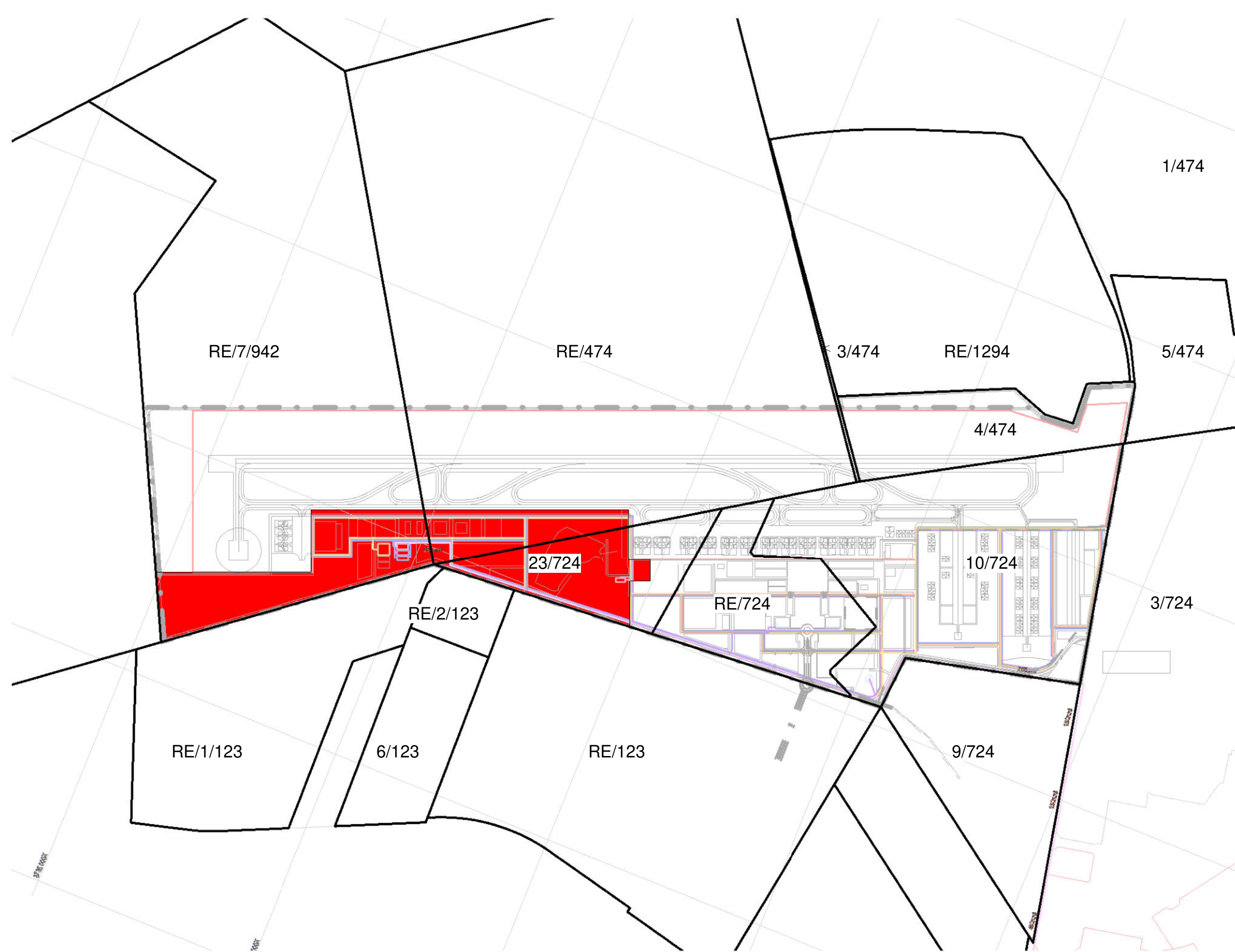
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ORANGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH
- * U.P.'S TO BE CARRIED UP TO 2m ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 6m.
- * WATER COVERS (E.G.) TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ROOFING EYES (E.G.) TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 25m SPACINGS ALONG RUNS OF DRAINS.
- * MARKED COVERS (E.G.) TO BE PROVIDED AT GROUND LEVEL FOR EYES BELOW PLANNING.
- * RESILANT COVERS TO BE PROVIDED AT ALL WASTE FITTINGS.
- * SOIL WATER DRAINS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL AROUND AND BE PROVIDED WITH 1.5% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WATER PIPES HAVING A VERTICAL DROP EXCEEDING 100mm TO THE MAIN DRAIN TO BE ANTI-SYMPHONIC.
- * ALL BRANCH DRAINS EXCEEDING 6m IN LENGTH TO BE VENTED.
- * U.P.V. PIPES ARE TO BE Laid IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * (a) EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 0105.
- * (b) HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 545.
- * (c) INTENDANTS TO BE INSTALLED IN ACCORDANCE WITH SABS 1126 PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BOARDS AND LOCATED IN SECURE POSITIONS AS INDICATED ON PLAN.
- * CLASS "F" FIRE DOORS TO COMPLY WITH SABS 1263 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY WITH TTT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKS.
- * SYMBOLIC SAFETY SIGNS ARE TO BE ACCORDANCE WITH S.A.B.S. CODE 1116 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.



Key Plan - Services Precinct

Name	Occupancy	Plot Area
A08	PARKING	33217 m ²
B03	MRO HANGER	22961 m ²
B05	AIRCRAFT SANITARY STATION	7216 m ²
B06	AIRPORT MAINTENANCE	10041 m ²
B07	CATERING BUILDING	6400 m ²
B08	GSE MAINTENANCE	5997 m ²
B09.1	GSE STAGING AREA	3998 m ²
B10.1	FUEL FARM	6797 m ²
B10.2	FUEL FARM	6797 m ²
B11.1	CARGO TERMINAL	3500 m ²
B13	ARFF	14536 m ²
B14.2	OPS	7472 m ²
B14a	AIR TRAFFIC CONTROL TOWER	3403 m ²

Name	Occupancy	Plot Area
C01	POTABLE WATER	1250 m²
C02	GROUNDWATER TREATMENT	1000 m²
C03	WATER PUMP STATION	1000 m²
C04	NON-POTABLE WATER	2500 m²
C05	SOLID WASTE	1250 m²
C06	WTWW + LIFT STATION	1250 m²
C07	BIOGAS PLANT	30879 m²
C08	ESKOM INCOMING & LS SUBSTATION	8432 m²
C10	FIREFIGHTING WATER PUMP STATION	440 m²
C11	SUB STATION	460 m²

Name	Occupancy	Plot Area
E04.14	AIRPORT USE	4820 m²
E04.15	AIRPORT USE	9094 m²
E04.16	AIRPORT USE	10993 m²

MRO	Maintenance Repairs and Operations
FBO	Fixed Based Operators
GA	General Aviation
GSE	Ground Support Equipment
ARFF	Aircraft Rescue and Firefighting
FATO	Final Approach and Take-off (Helipad)
WTWP/WTWW	Wastewater Treatment Plant / Works
RDTS	Remote Digital Control Tower System
PAPI	Precision Approach Path Indicator

9

16	Amendment to 809, Update to table names	2025-01-15
15	BH: DOQ Water Line, Fuel Line and Boundary Adjustments	2025-01-15
14	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-08-20
13	ISSUED - PHASE 1 UPDATED	2024-06-16
12	ISSUED FOR REVIEW	2024-04-16
11	ISSUED TO PROFESSIONALS	2024-03-28
10	ISSUED	2024-07-24
9	ISSUED	2024-07-24
8	ISSUED	2024-07-25
7	Revised SOR/EIA For Comment	2024-03-27
6	Revised SOR/EIA For Comment	2024-03-27
5	Added ACT and Helped	2024-02-26
4	FOR REVIEW	2024-10-10
3	FOR REVIEW	2024-04-03
2	FOR REVIEW	2024-04-03
1	FOR REVIEW	2024-03-26



CLIENT _____



Client _____

Engineer _____ Registration No. _____ Designer _____

CLIENT ENVIRONMENTAL

CONSULTANT

PHASE 2 SERVICES

PRECINCT

DRAWING				CWA - PRECINCT PLANS			
SIZE	DWG. NO.		REV.				
A0	2024-3297 402		16				
SCALE	As Indicated		DATE		2025-01-23		
			DRAWN BY:		CW DENNIS		

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GENERAL NOTES

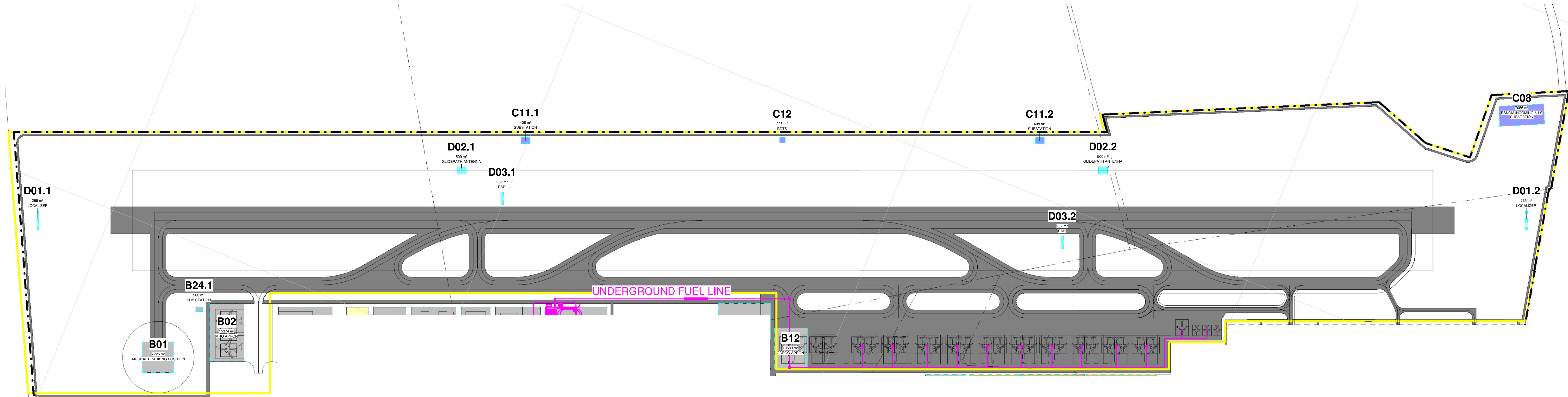
- * ALL BUILDING WORK AND BUILDING REQUIREMENTS ARE TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING REGULATIONS AND BUILDING ENDS/ENACTS AT THE 100% OF 100%.
- * THIS DRAWING IS NOT TO BE SCALED. USE DIMENSIONS ONLY.
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- * REINFORCED CONCRETE AND STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEERS DESIGN AND SPECIFICATIONS.

DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P.I. TO BE CARRIED UP TO 2m ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES 150mm TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SDI AND WASTE PIPES.
- * ROOFING EYES 150mm TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 50m SPACINGS ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR UN-BELOW PAVING.
- * RESEAL TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SDI WASTE DRAINS PASSING UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1:4% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SDI WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-VIBRATED.
- * ALL BRANCH DRAINS EXCEEDING 60m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 9103.
- * FIRE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 943.
- * HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH SABS 1100 PART 1.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BRANDS AND LOCATED IN SECURE POSITIONS AS INDICATED ON PLAN.
- * CLASS 10 FIRE DOORS TO COMPLY WITH SABS 100 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY WITH TTT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 1006 CODE 1166 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.



Airport Air Side Precinct

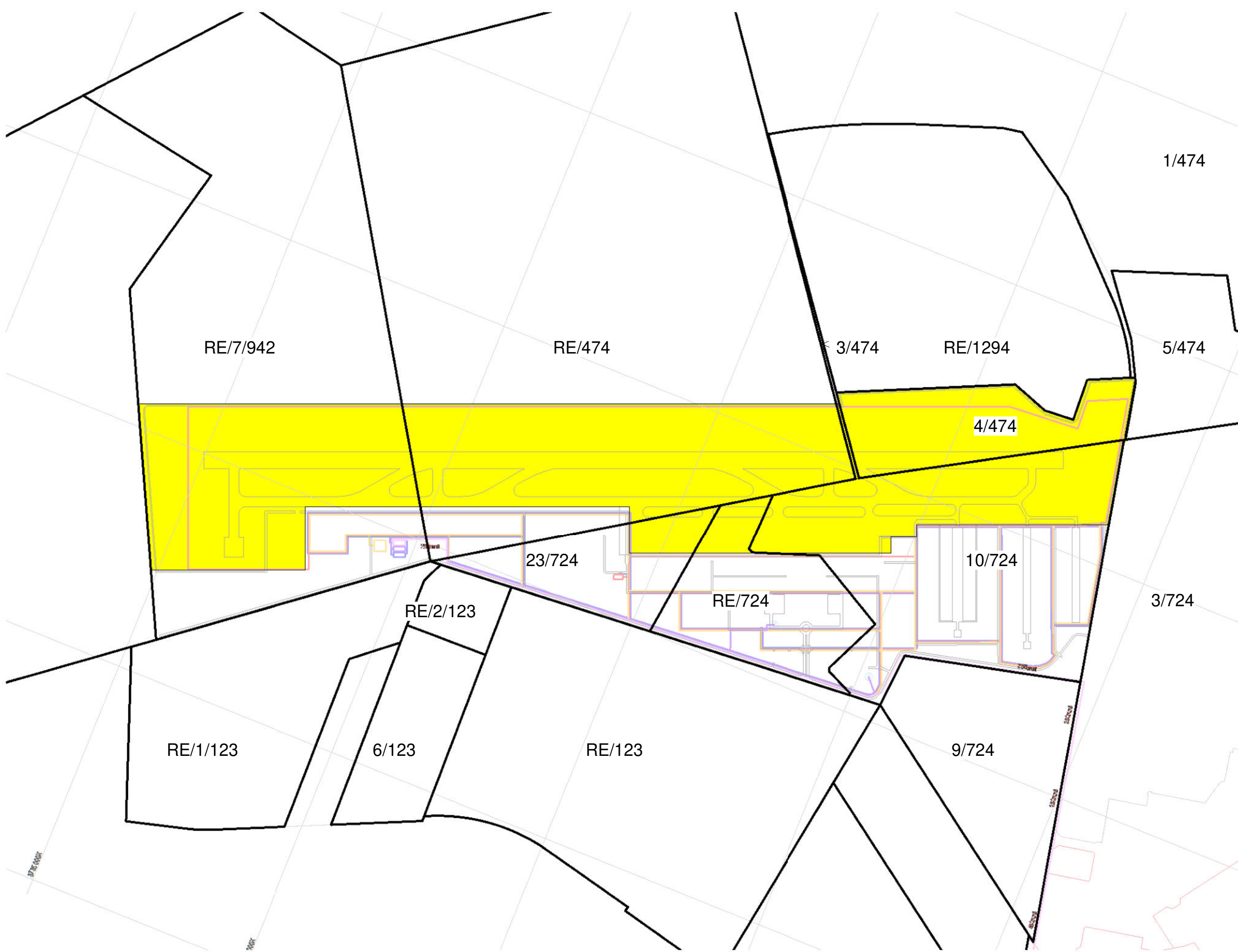
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SCALE: 1:4000

248.41 ha

Name	Occupancy	Plot Area
B01	AIRCRAFT PARKING POSITION	7225 m²
B02	MRO APRON	15374 m²
B12	CARGO APRON	10589 m²
B24.1	SUB STATION	260 m²

MRO	Maintenance Repairs and Operations
FBO	Fixed Based Operators
GA	General Aviation
GSE	Ground Support Equipment
ARFF	Aircraft Rescue and Firefighting
FATO	Final Approach and Take-off (Helipad)
WTWP/WTWW	Wastewater Treatment Plant / Works
RDTS	Remote Digital Control Tower System
PAPI	Precision Approach Path Indicator

Name	Occupancy	Plot Area
C08	ESKOM INCOMING & LS SUBSTATION	7056 m²
C11.1	SUBSTATION	408 m²
C11.2	SUBSTATION	408 m²
C12	RDTS	225 m²
D01.1	LOCALIZER	265 m²
D01.2	LOCALIZER	265 m²
D02.1	GLIDEPATH ANTENNA	500 m²
D02.2	GLIDEPATH ANTENNA	500 m²
D03.1	PAPI	252 m²
D03.2	PAPI	252 m²



Key Plan - Airport Air Side Precinct

10

	Amendment to B09, Update to table names	2025-01-21
3	BH COCT Water Line, Fuel Line and Boundary Adjustments	2025-01-15
4	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-06-26
5	ISSUED - PHASE 1 UPDATED	2024-06-26
6	ISSUED FOR REVIEW	2024-06-26
1	ISSUED TO PROFESSIONALS	2024-07-24
0	ISSUED	2024-07-24
0	ISSUED	2024-07-24
0	ISSUED	2024-07-24
0	Revised SORPEIA For Comment	2024-07-24
0	Revised SORPEIA For Comment	2024-07-24
2	Added ATCT and Helipad	2024-07-24
0	FOR REVIEW	2024-04-10
0	FOR REVIEW	2024-04-03
0	FOR REVIEW	2024-04-03
0	FOR REVIEW	2024-04-03

GENERAL NOTES

- * ALL BUILDING WORK AND BUILDING REQUIREMENTS ARE TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING REGULATIONS AND BUILDING ENFORCEMENT ACT (No 107 OF 1977).
- * THIS DRAWING IS NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY.
- * ALL DIMENSIONS INCLUDE STELLS ETC. TO BE CHECKED ON SITE BEFORE ANY WORKS COMMENCED.
- * ANY DISCREPANCIES, QUERIES, ETC. RELATED TO THIS DRAWING ARE TO BE REFERRED TO CAPEX PROJECTS BEFORE ANY WORK IS COMMENCED.
- * REINFORCED CONCRETE AND STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL ENGINEERS DESIGN AND SPECIFICATIONS.

DRAINAGE NOTES

- * ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
- * V.P.I. TO BE CARRIED UP TO 2m ABOVE ANY WINDOW OR DOOR OPENING IN THE BUILDING OR ANY OTHER BUILDING WITHIN A DISTANCE OF 5m.
- * INSPECTION EYES 1.5m x 1.5m TO BE PROVIDED AT ALL RUNS AND JUNCTIONS OF SOIL AND WASTE PIPES.
- * ROOFING EYES 1.5m x 1.5m TO BE PROVIDED AT HEADS OF DRAINS AND AT A MAXIMUM OF 50m SPACINGS ALONG RUNS OF DRAINS.
- * MANHOLE COVERS TO BE PROVIDED AT GROUND LEVEL FOR ALL BELOW PAVING.
- * RESEAL TRAPS TO BE PROVIDED TO ALL WASTE FITTINGS.
- * SOIL WASTE DRAINS PASSING UNDER BUILDING TO BE ENCASED IN 150mm CONCRETE ALL ROUND AND BE PROVIDED WITH 1.5% AS CLOSE TO THE BUILDING AS POSSIBLE AT BOTH ENDS.
- * SOIL WASTE PIPES HAVING A VERTICAL DROP EXCEEDING 1200mm TO THE MAIN DRAIN TO BE ANTI-SIPHONED.
- * ALL BRANCH DRAINS EXCEEDING 6m IN LENGTH TO BE VENTED.
- * UPVC PIPES ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS TECHNICAL SPECIFICATIONS.

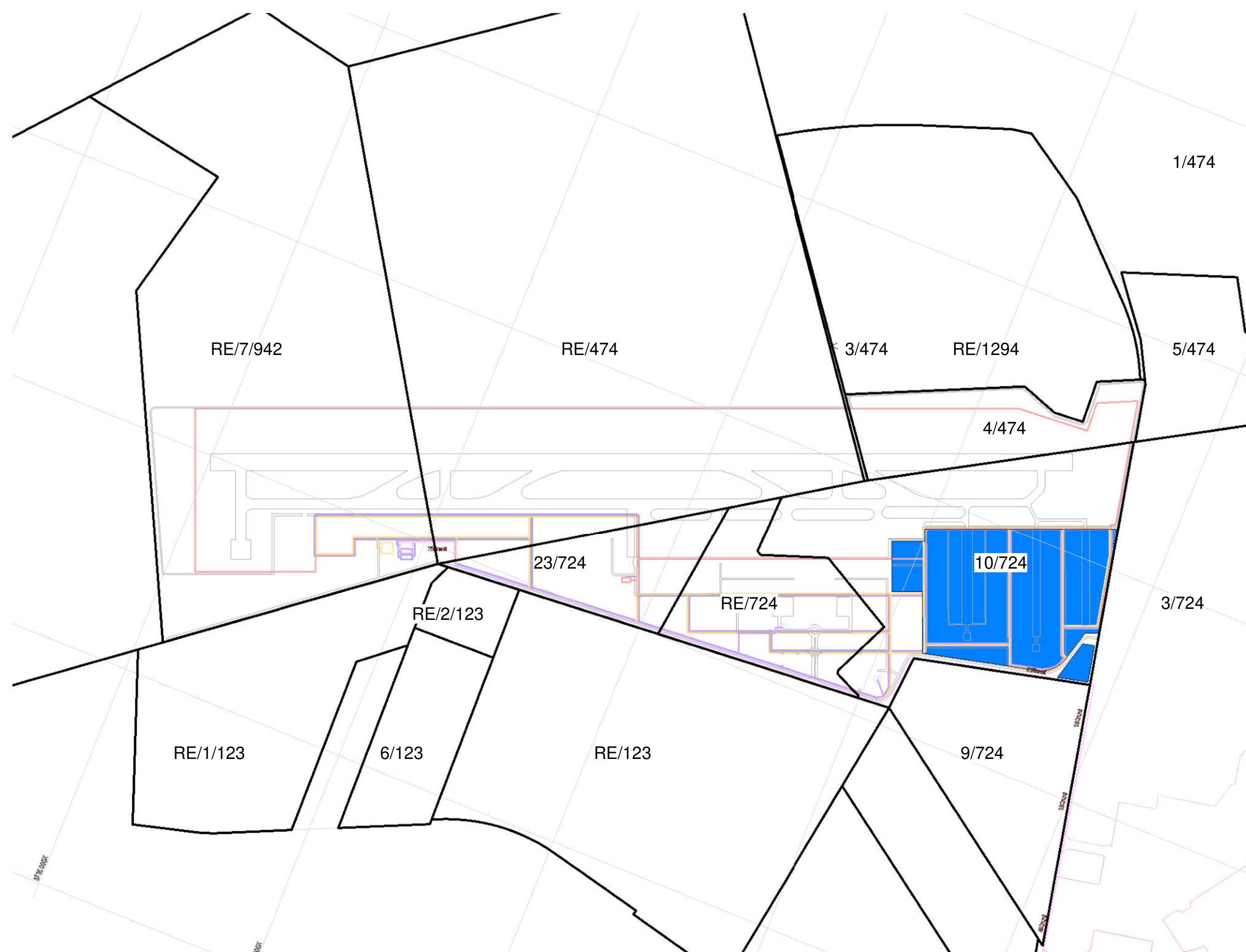
FIRE DEPARTMENT'S REQUIREMENTS

- * ALL WORK IS TO COMPLY WITH SABS 400.
- * ALL EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SABS 5103.
- * FIRE RISERS TO BE INSTALLED IN ACCORDANCE WITH SABS 543.
- * PORTABLE FIRE EXTINGUISHERS TO BE HAND ON PURPOSE MADE BRANDS AND LOCATED IN SECURE PORTIONS AS INDICATED ON PLAN.
- * CLASS "B" FIRE DOORS TO COMPLY WITH SABS 155 AND ARE TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATIC CLOSING DEVICES.
- * STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY WITH ITT.
- * FIRE EXIT DOORS ARE TO BE FITTED WITH EMERGENCY EXIT LOCKSETS.
- * SYMBOLIC SAFETY SIGNS TO BE IN ACCORDANCE WITH SABS 5. CODE 1186 AND POSITIONED AS REQUIRED BY THE FIRE DEPARTMENT.



49.10 ha

12



Key Plan - General Aviation Precinct

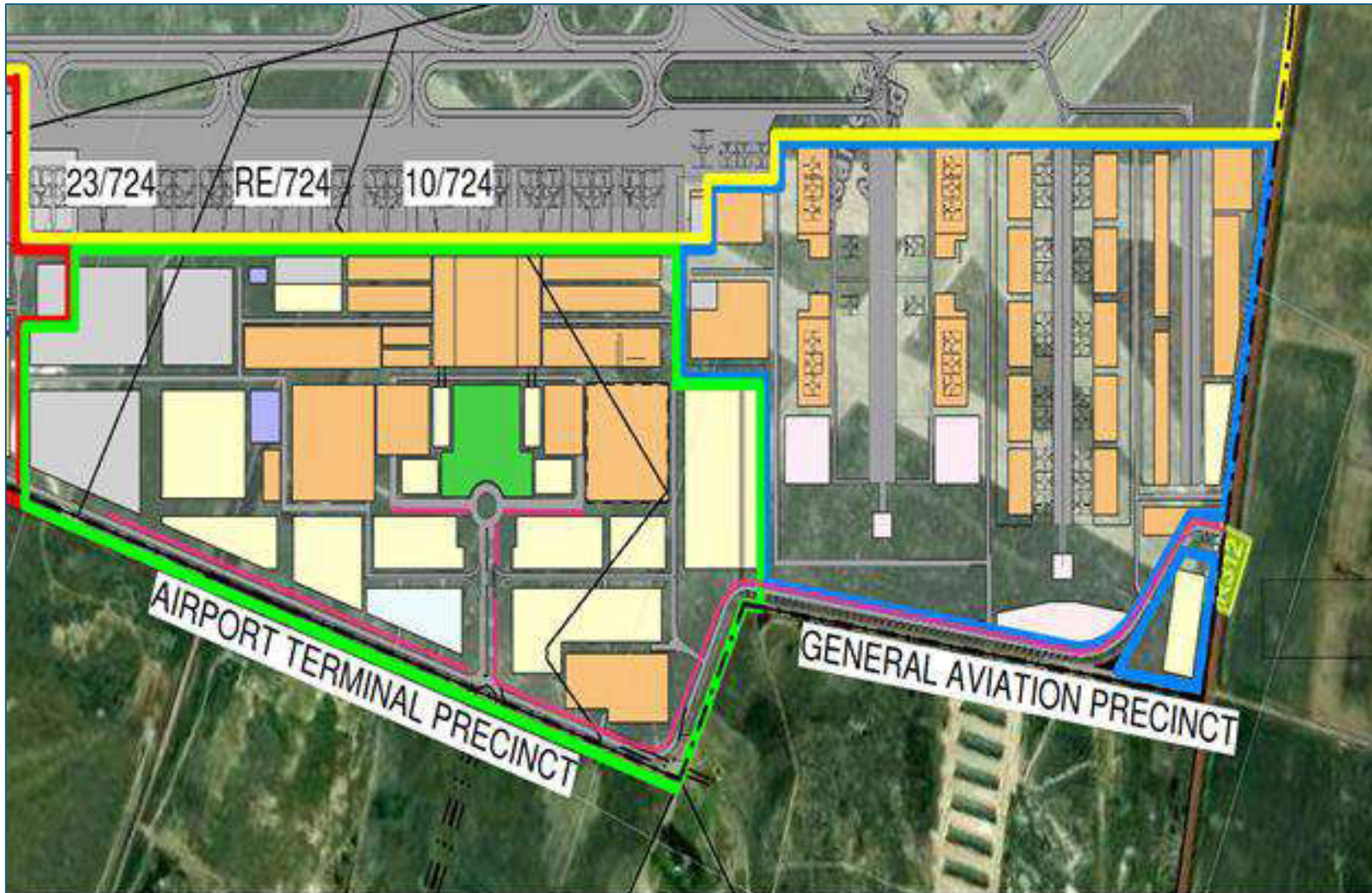
Name	Occupancy	Plot Area
A03	GA/VIP/GOVERNMENT TERMINAL	6419 m ²
A08.5	PARKING	10753 m ²
A08.6	PARKING	2987 m ²
A10.1A	FBO 1	5787 m ²
A10.1B	FBO 1	1230 m ²
A10.2A	FBO 2	5787 m ²
A10.2B	FBO 2	1230 m ²
A10.3A	FBO 4	5787 m ²
A10.3B	FBO 4	1230 m ²
A10.4A	FBO 3	5798 m ²
A10.4B	FBO 3	1220 m ²
A11.1	GA HANGERS	3200 m ²
A11.2	GA HANGERS	3200 m ²
A11.3	GA HANGERS	3200 m ²
A11.4	GA HANGERS	3200 m ²
A11.5	GA HANGERS	3200 m ²
A11.6	GA HANGERS	3200 m ²
A11.7	GA HANGERS	3200 m ²
A11.8	GA HANGERS	3200 m ²
A11.9	GA HANGERS	3200 m ²
A11.10	GA HANGERS	3200 m ²
A11.11	GA HANGERS	4678 m ²
A11.12	GA HANGERS	4971 m ²
A11.13	GA HANGERS	8512 m ²
A16	GA CLUBHOUSE & FUELING	5204 m ²

Name	Occupancy	Plot Area
B11	SPECIAL CARGO FACILITY	1575 m ²
B14.1	OPS	1500 m ²
B17.1	ACCESS CONTROL	102 m ²
B17.2	ACCESS CONTROL	100 m ²
B17.3	ACCESS CONTROL	100 m ²
E04.12	TRANSPORT USE	6315 m ²
E04.13	AIRPORT USE	4636 m ²
PH.1	HELIPORT	6220 m ²
PH.2	HELIPORT	6220 m ²
PH.3	HELIPORT	992 m ²
PH.4	HELIPORT	992 m ²
PH.5	HELIPORT	8938 m ²

MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTs
PAPI

Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator

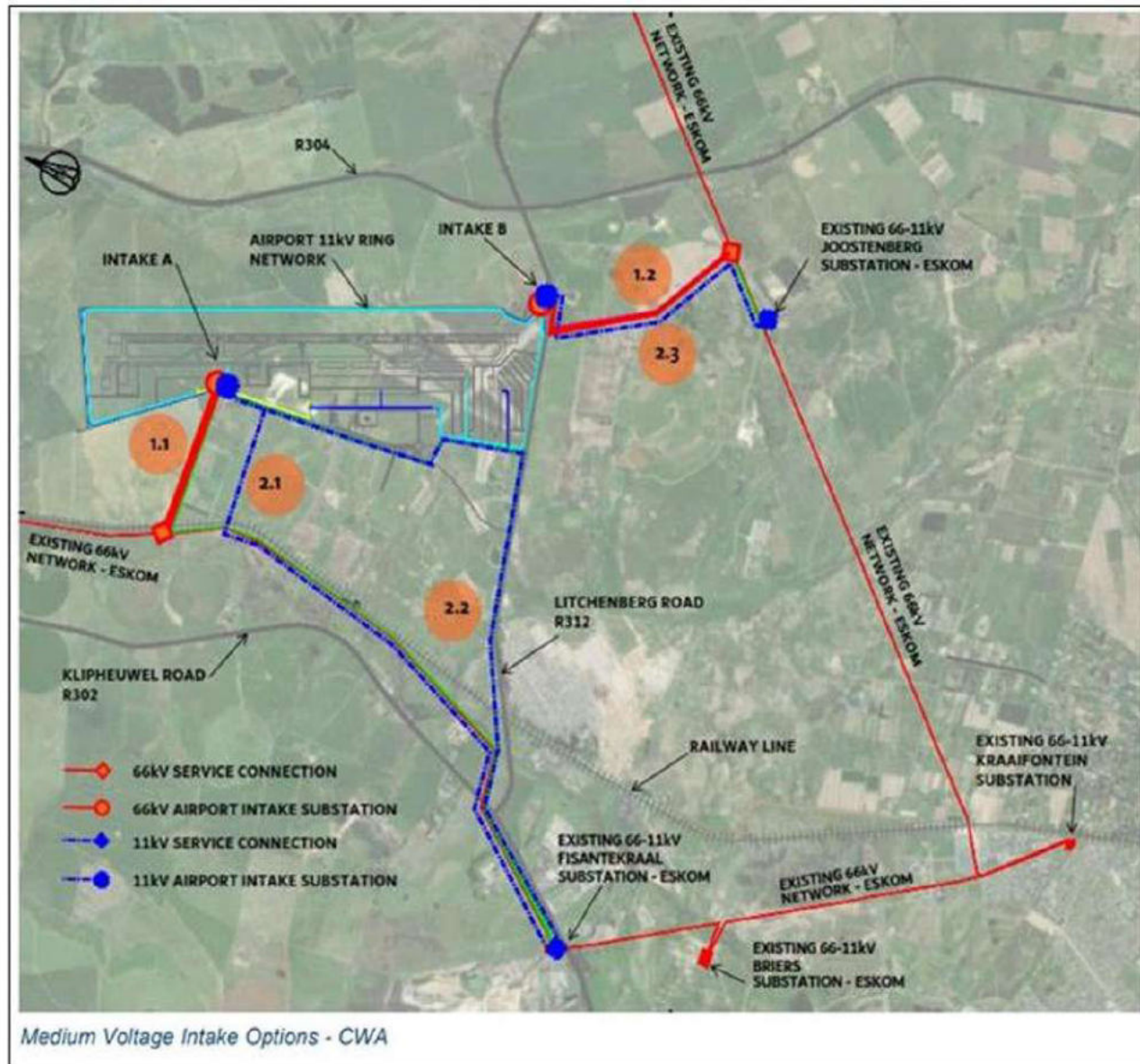
10	Amendment to B06, Update to table names	2025-01-23
15	BH, COCT Water Line, Fuel Line and Boundary Adjustments	2025-01-15
16	ISSUED - BOUNDARY FENCE LINE ADJUSTED	2024-08-10
17	ISSUED - PHASE 3 UPDATED	2025-08-19
12	ISSUED FOR REVIEW	2024-04-24
11	ISSUED TO PROFESSIONALS	2024-04-24
10	ISSUED	2024-04-24
9	ISSUED	2024-04-24
8	ISSUED	2024-04-23
7	Revised SORPEIA For Comment	2024-04-23
6	Revised SORPEIA For Comment	2024-04-23
5	Address ATCT and Helped	2024-04-28
4	FOR REVIEW	2025-04-10
3	FOR REVIEW	2024-04-03
2	FOR REVIEW	2024-04-03
1	FOR REVIEW	2024-03-29
Rev	Description	Revision Date

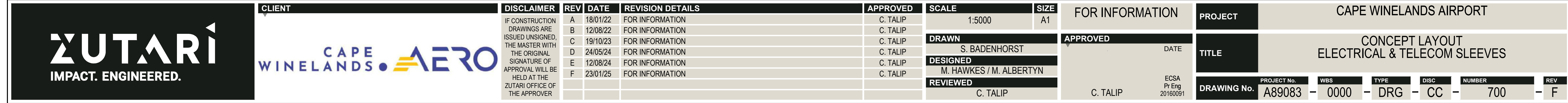


Pink line adjacent to Mellish Road leading from Lichtenburg Road towards the main entrance of the Airport Precinct indicating placement of 12 to 15 proposed billboards (Sept 2024)



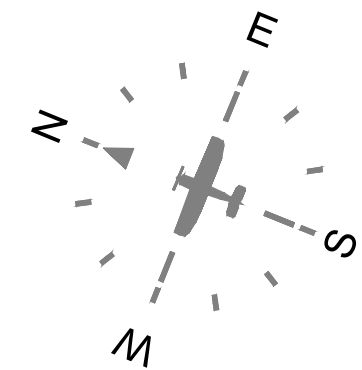
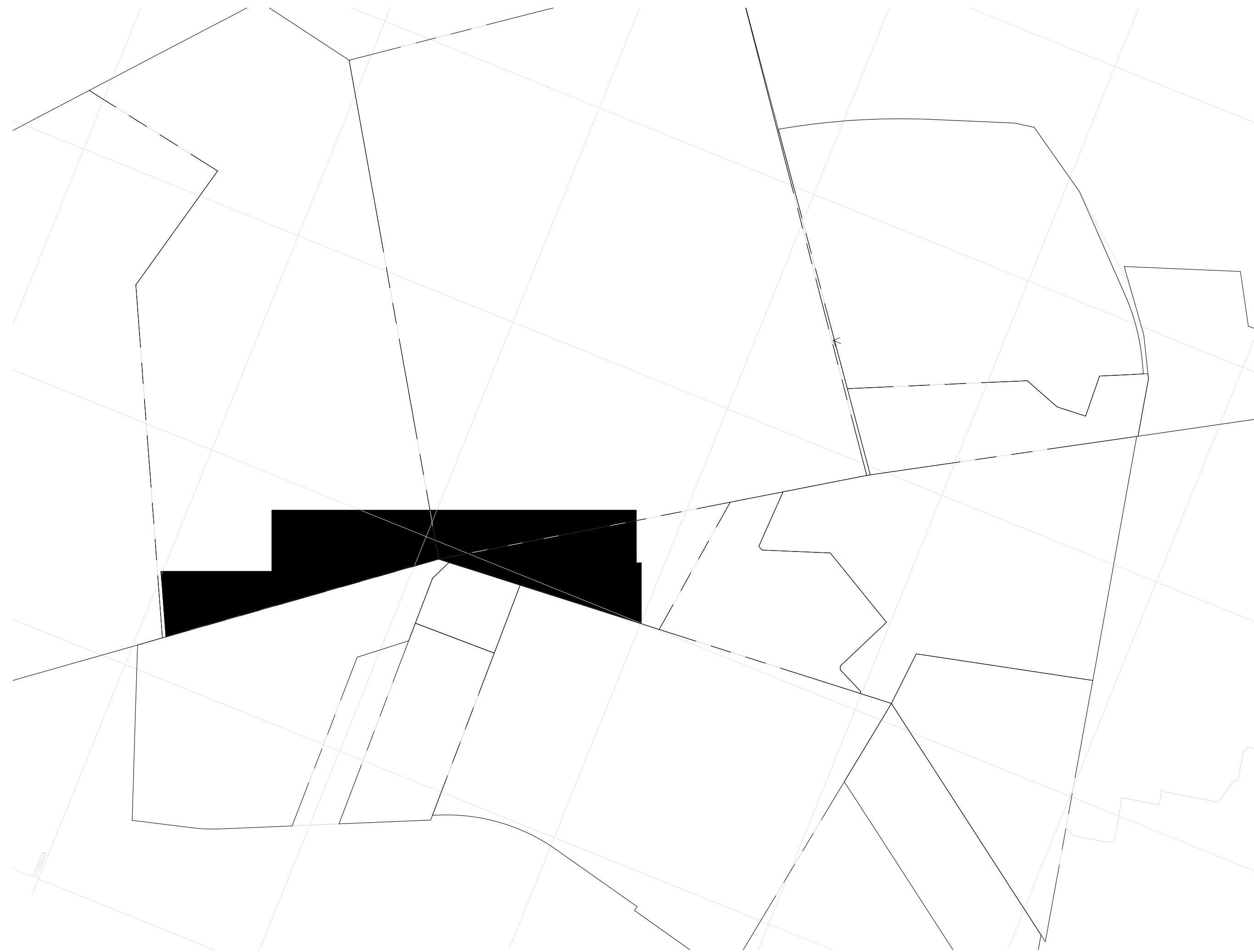
Eskom Bulk High Voltage Feeder Routing







Services Precinct



Key Plan - Services Precinct

Name	Occupancy	Area
A08	PARKING	33217 m ²
B03	MRO HANGER	22961 m ²
B05	AIRCRAFT SANITARY STATION	7216 m ²
B06	AIRPORT MAINTENANCE	10041 m ²
B07	CATERING BUILDING	6400 m ²
B08	GSE MAINTENANCE	5997 m ²
B09	GSE STAGING AREA	3998 m ²
B09	STAGING	3819 m ²
B10.1	FUEL FARM	6797 m ²
B10.2	FUEL FARM	6797 m ²
B11.1	CARGO TERMINAL	3500 m ²
B13	ARFF	14536 m ²
B14.2	OPS	7472 m ²

Name	Occupancy	Area
B14a	AIR TRAFFIC CONTROL TOWER	3403 m ²
C01	POTABLE WATER	1250 m ²
C02	GROUNDWATER TREATMENT	1000 m ²
C03	WATER PUMP STATION	1000 m ²
C04	NON-POTABLE WATER	2500 m ²
C05	SOLID WASTE	1250 m ²
C06	WTWW + LIFT STATION	1250 m ²
C07	BIOGAS PLANT	30879 m ²
C08	ESKOM INCOMING & LS SUBSTATION	8432 m ²
C10	FIREFIGHTING WATER PUMP STATION	440 m ²

Name	Occupancy	Area
C11	SUB STATION	460 m ²
E04.14	AIRPORT USE	4820 m ²
E04.15	AIRPORT USE	9094 m ²
E04.16	AIRPORT USE	10993 m ²

- MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTS
PAPI
- Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator

NOTES:

16A

0 250 500
Meters

CAPE WINELANDS AERO PROJECTS

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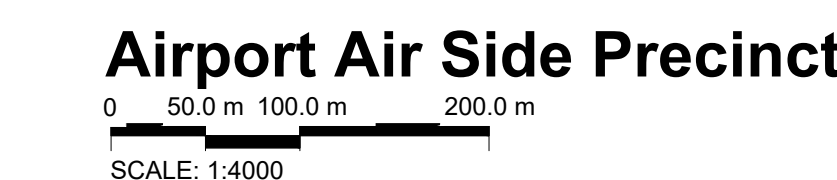
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03	REMOVED PANELS FOR CLARE	04/03/2025	AGS	SPS
02	FOR INFORMATION	04/03/2025	AGS	SPS
01	FOR INFORMATION	04/03/2024	AGS	SPS

SANDS
SELECTING AND SELECTING - ENGINEERING SOLUTIONS
14 Cyclone Street, The Interchange,
Somerset West, 7150
P.O. Box 226
REPUBLIC OF SOUTH AFRICA
Tel: +27 21 852 5095
Fax: +27 21 852 5070
Email: info@sandsselecting.co.za

PROJECT:
CAPE WINELANDS AERO

TITLE:
PHASE 2
SERVICES PRECINCT
PV ARRANGMENT

DESIGN	DATE	DRG NUMBER	REV	SCALE	SIZE
CPS	04/03/2025	E558-2004	03	-	A0



MRO	Maintenance Repairs and Operations
FBO	Fixed Based Operators
GA	General Aviation
GSE	Ground Support Equipment
ARFF	Aircraft Rescue and Firefighting
FATO	Final Approach and Take-off (Helipad)
WTWP/WTWW	Wastewater Treatment Plant / Works
RDTs	Remote Digital Control Tower System
PAPI	Precision Approach Path Indicator

248.41 ha

4 Cyclonite Street, The Interchange,
Somerset West, 7130
P.O. Box 226
REPUBLIC OF SOUTH AFRICA
Tel: +27 21 852 5095
Fax: +27 21 852 5070
Email: info@selkirkandselkirk.co.za

PROJECT: CAPE WINE LANDS AERO

TITLE:

PHASE 2
AIRSIDE PRECINCT
PV ARRANGMENT

DESIGN	DATE	DRG NUMBER	REV	SCALE	SIZE
CFS	20/01/2025	F558-2005	02	-	A0



Name	Occupancy	Area
00	LANDSCAPED AREA	16538 m ²
A01	PASSENGER TERMINAL BUILDING	13979 m ²
A02.1	CAR RENTAL	1725 m ²
A02.2	CAR RENTAL	11666 m ²
A04.1	PUBLIC TRANSPORT	7516 m ²
A04.2	PICK UP & DROP OFF	5569 m ²
A08.1	PARKING	1827 m ²
A08.2	PARKING	19515 m ²
A08.3	CARPARK / EVTOL	19590 m ²
A08.4	PARKING	13469 m ²
A15.1	PIER EXPANSION RESERVATION	4126 m ²
A15.2	TERMINAL RESERVE	4468 m ²
A15.3	TERMINAL RESERVE	1843 m ²
A15.4	TERMINAL RESERVE	9289 m ²
A15.5	TERMINAL RESERVE	6308 m ²
A15.6	PIER EXPANSION RESERVATION	5910 m ²
A15.7	TERMINAL RESERVE	5011 m ²
A15.8	TERMINAL RESERVE	5210 m ²

Name	Occupancy	Area
B09.2	GSE STAGING AREA	3819 m ²
B11.2	CARGO	17436 m ²
B11.3	CARGO	14043 m ²
B11.4	CARGO	22545 m ²
C11.3	ENERGY CENTRE	3250 m ²

Name	Occupancy	Area
C11.1	AS SS	600 m ²
C11.2	LS SS	600 m ²
E01.1	AIRPORT USE: HOTEL 1	2623 m ²
E01.2	AIRPORT USE: HOTEL 2	2623 m ²
E04.1	AIRPORT USE	18348 m ²
E04.2	AIRPORT USE	7660 m ²
E04.3	AIRPORT USE	11170 m ²
E04.4	AIRPORT USE	9144 m ²
E04.5	AIRPORT USE	9342 m ²
E04.6	AIRPORT USE	19563 m ²
E04.7	AIRPORT USE	5928 m ²
E04.8	AIRPORT USE	27081 m ²
E04.9	AIRPORT USE	3819 m ²
E.1	AERO VINTAGE	1999 m ²
E.2	RESTAURANT	1999 m ²
F01	SERVICE STATION	9075 m ²

MRO
FBO
GA
GSE
ARFF
FATO
WTWP/WTWW
RDTS
PAPI
ASS

Maintenance Repairs and Operations
Fixed Based Operators
General Aviation
Ground Support Equipment
Aircraft Rescue and Firefighting
Final Approach and Take-off (Helipad)
Wastewater Treatment Plant / Works
Remote Digital Control Tower System
Precision Approach Path Indicator
Aircraft Sanitary Station

NOTES:

16c

0 250 500 Meters

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03	UPDATE TO BS & TABLE NAMES	16/02/2025	AGS	03	03
02	FOR INFORMATION	05/02/2025	AGS	03	03
01	FOR INFORMATION	06/06/2024	AGS	03	03

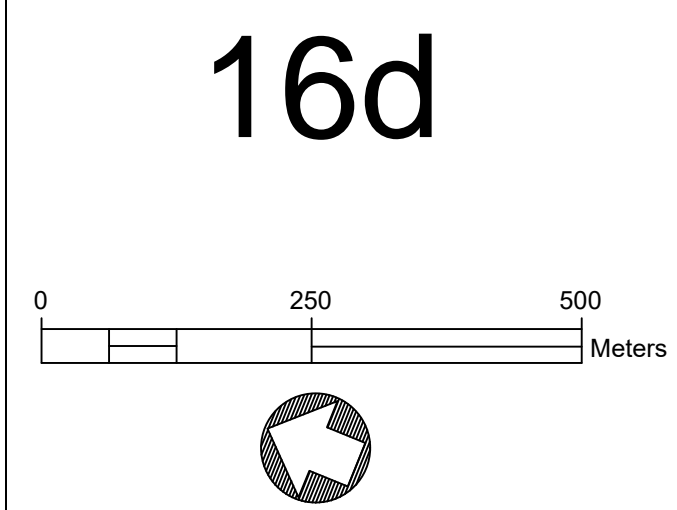
REV	DESCRIPTION	DATE	DRN	CHENG

14 Cyclone Street, The Interchange,
Somerset West, 7150
P.O. Box 226
REPUBLIC OF SOUTH AFRICA
Tel: +27 21 852 5895
Fax: +27 21 852 5070
Email: info@sandswinelands.co.za

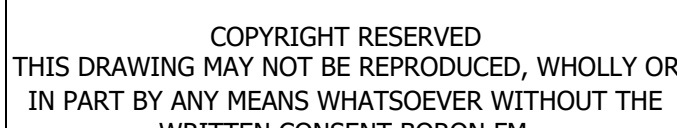
PROJECT: CAPE WINELANDS AERO

TITLE: PHASE 2
TERMINAL PRECINCT
PV ARRANGEMENT

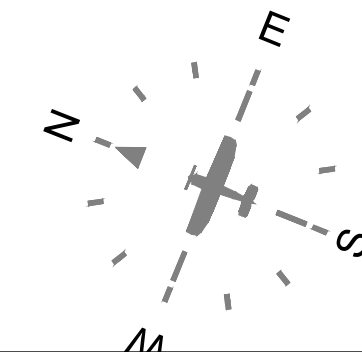
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CAPE
WINELANDS • AERO



REVISIONS									
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Key Plan - General Aviation Precinct

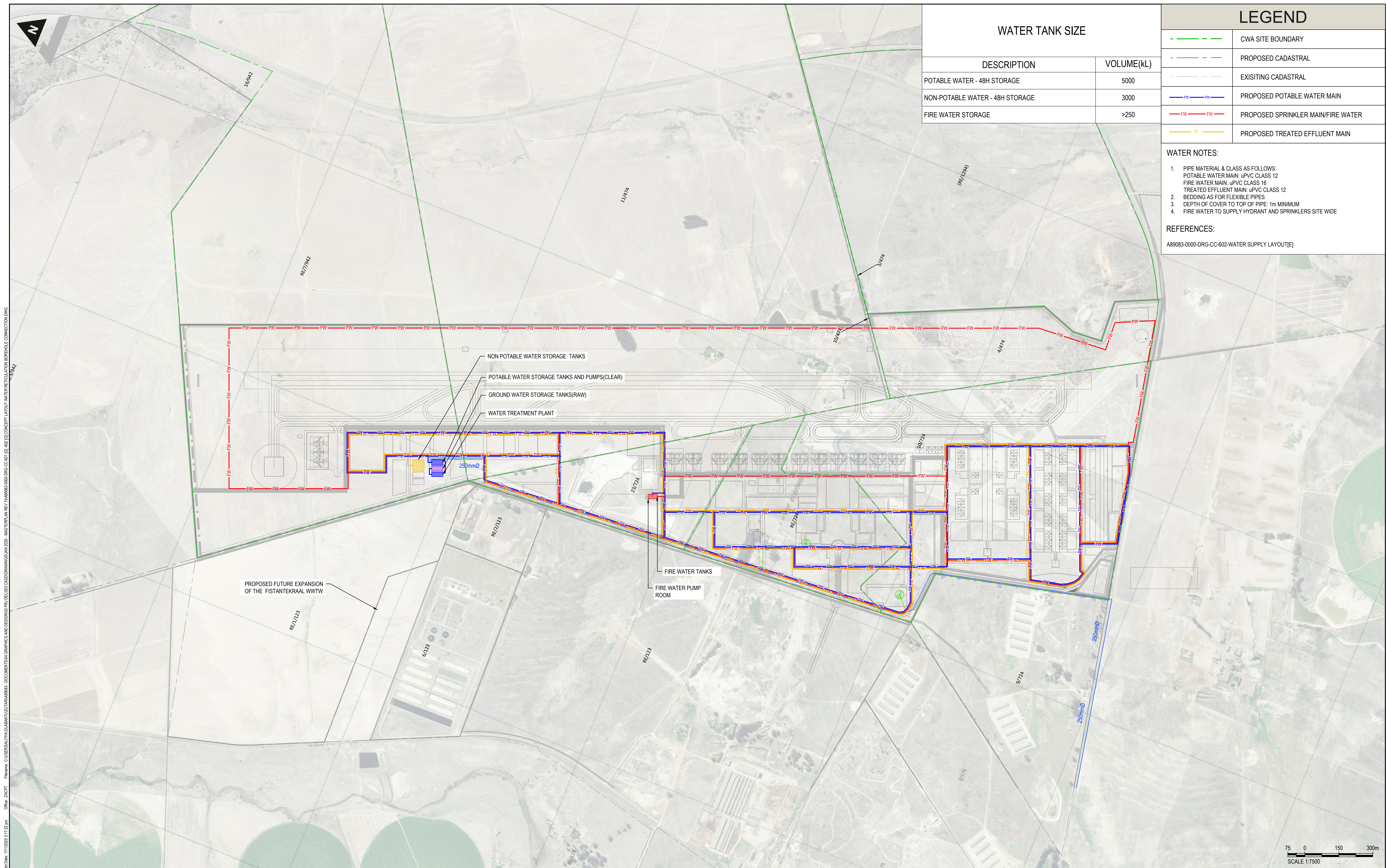
Name	Occupancy	Area
A03	GA/VIP/GOVERNMENT TERMINAL	6419 m ²
A08.5	PARKING	10753 m ²
A08.6	PARKING	2987 m ²
A10.1A	FBO 1	5787 m ²
A10.1B	FBO 1	1230 m ²
A10.2A	FBO 2	5787 m ²
A10.2B	FBO 2	1230 m ²
A10.3A	FBO 4	5787 m ²
A10.3B	FBO 4	1230 m ²
A10.4A	FBO 3	5798 m ²
A10.4B	FBO 3	1220 m ²
A11.1	GA HANGERS	3200 m ²
A11.2	GA HANGERS	3200 m ²
A11.3	GA HANGERS	3200 m ²
A11.4	GA HANGERS	3200 m ²
A11.5	GA HANGERS	3200 m ²
A11.6	GA HANGERS	3200 m ²
A11.7	GA HANGERS	3200 m ²
A11.8	GA HANGERS	3200 m ²
A11.9	GA HANGERS	3200 m ²
A11.10	GA HANGERS	3200 m ²
A11.11	GA HANGERS	4678 m ²
A11.12	GA HANGERS	4971 m ²
A11.13	GA HANGERS	8512 m ²
A16	GA CLUBHOUSE & FUELING	5204 m ²

Name	Occupancy	Area
B11	SPECIAL CARGO FACILITY	1575 m ²
B14.1	OPS	1500 m ²
B17.1	ACCESS CONTROL	102 m ²
B17.2	ACCESS CONTROL	100 m ²
B17.3	ACCESS CONTROL	100 m ²

Name	Occupancy	Area
E04.12	TRANSPORT	6315 m ²
E04.13	WSP AIRPORT USE	4636 m ²

Name	Occupancy	Area
PH.1	HELIPORT	6220 m ²
PH.2	HELIPORT	6220 m ²
PH.3	HELIPORT	992 m ²
PH.4	HELIPORT	992 m ²
PH.5	HELIPORT	8938 m ²

MRO	Maintenance Repairs and Operations
FBO	Fixed Based Operators
GA	General Aviation
GSE	Ground Support Equipment
ARFF	Aircraft Rescue and Firefighting
FATO	Final Approach and Take-off (Helipad)
WTWP/WTWW	Wastewater Treatment Plant / Works
RDTS	Remote Digital Control Tower System
PAPI	Precision Approach Path Indicator



WATER TANK SIZE	
DESCRIPTION	VOLUME(kL)
POTABLE WATER - 48H STORAGE	5000
NON-POTABLE WATER - 48H STORAGE	3000
FIRE WATER STORAGE	>250

LEGEND	
	CWA SITE BOUNDARY
	PROPOSED CADASTRAL
	EXISITING CADASTRAL
	PROPOSED POTABLE WATER MAIN
	PROPOSED SPRINKLER MAIN/FIRE WATER
	PROPOSED TREATED EFFLUENT MAIN

WATER NOTES:

- PIPE MATERIAL & CLASS AS FOLLOWS:
POTABLE WATER MAIN: uPVC CLASS 12
FIRE WATER MAIN: uPVC CLASS 16
TREATED EFFLUENT MAIN: uPVC CLASS 12
- BEDDING AS FOR FLEXIBLE PIPES
- DEPTH OF COVER TO TOP OF PIPE: 1m MINIMUM
- FIRE WATER TO SUPPLY HYDRANT AND SPRINKLERS SITE WIDE

REFERENCES:

A89083-0000-DRG-CC-602-WATER SUPPLY LAYOUT[E]

Project: 17/2023.3.17.22 pm Office: ZACPT File: C:\USERS\ALITHA.D\BANTU\ZUTARI\A89083-0000\DRAWINGS\A89083-0000-DRG-CC-602 [E]-602 [G] CONCEPT LAYOUT WATER RETICULATION BOREHOLE CONNECTION.DWG

CLIENT

DISCLAIMER

IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER

REV	DATE	REVISION DETAILS
A	18/02/22	FOR INFORMATION
B	22/02/22	FOR INFORMATION
C	12/08/22	FOR INFORMATION
D	19/10/23	FOR INFORMATION
E	24/05/24	FOR INFORMATION
F	12/08/24	FOR INFORMATION
G	23/01/25	FOR INFORMATION

APPROVED	SCALE	SIZE
C. TALIP	1:7500	A1
C. TALIP		
C. TALIP		
C. TALIP		
C. TALIP		
C. TALIP		
C. TALIP		

DRAWN

S. BADENHORST

DESIGNED

M. HAWKES / M. ALBERTYN

REVIEWED

C. TALIP

FOR INFORMATION

APPROVED

DATE

ECSA

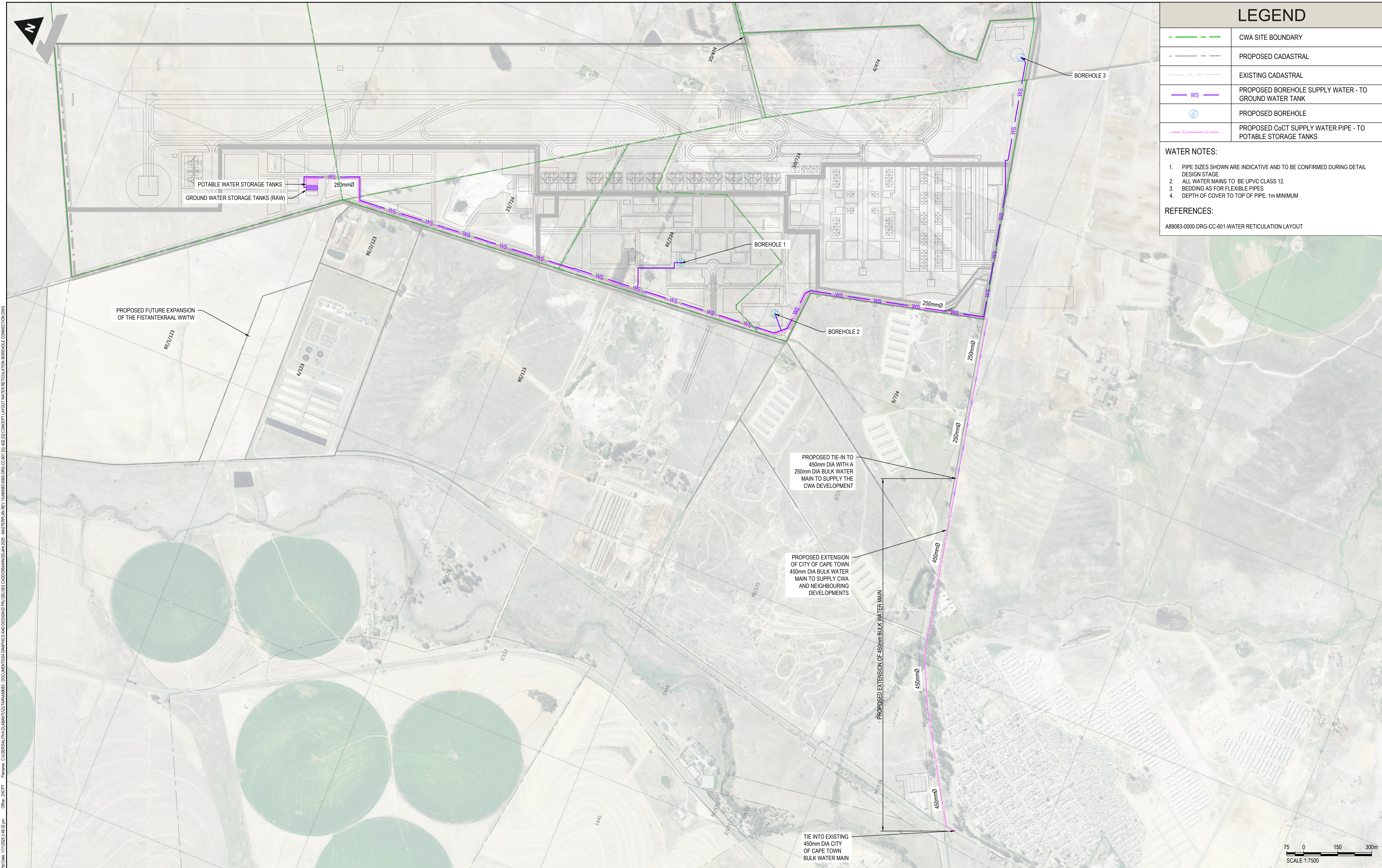
Pr Eng

20160091

C. TALIP

PROJECT	TITLE
CAPE WINELANDS AIRPORT	CONCEPT WATER RETICULATION LAYOUT

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
A89083		0000	DRG	CC	601	G



LEGEND

	CWA SITE BOUNDARY
	PROPOSED CADASTRAL
	EXISTING CADASTRAL
	PROPOSED BOREHOLE SUPPLY WATER - TO GROUND WATER TANK
	PROPOSED BOREHOLE
	PROPOSED CoCT SUPPLY WATER PIPE - TO POTABLE STORAGE TANKS

WATER NOTES:

- PIPE SIZES SHOWN ARE INDICATIVE AND TO BE CONFIRMED DURING DETAIL DESIGN STAGE.
- ALL WATER MAINS TO BE UPVC CLASS 12.
- BEDDING AS FOR FLEXIBLE PIPES
- DEPTH OF COVER TO TOP OF PIPE: 1m MINIMUM

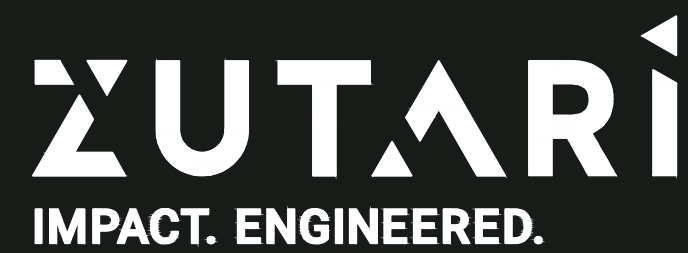
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A89083-0000-DRG-CC-601-WATER RETICULATION LAYOUT

DISCLAIMER	REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	FOR INFORMATION
IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER	A	18/02/22	FOR INFORMATION	C. TALIP	1:7500	A1	DATE ECSPA Pt Eng 20160091
	B	22/02/22	FOR INFORMATION	C. TALIP			
	C	12/08/22	FOR INFORMATION	C. TALIP			
	D	19/10/23	FOR INFORMATION	C. TALIP			
	E	24/05/24	FOR INFORMATION	C. TALIP			
	F	12/08/24	FOR INFORMATION	C. TALIP			
	G	23/01/25	FOR INFORMATION	C. TALIP			

DRAWN	S. BADENHORST
DESIGNED	M. HAWKES / M. ALBERTYN
REVIEWED	C. TALIP

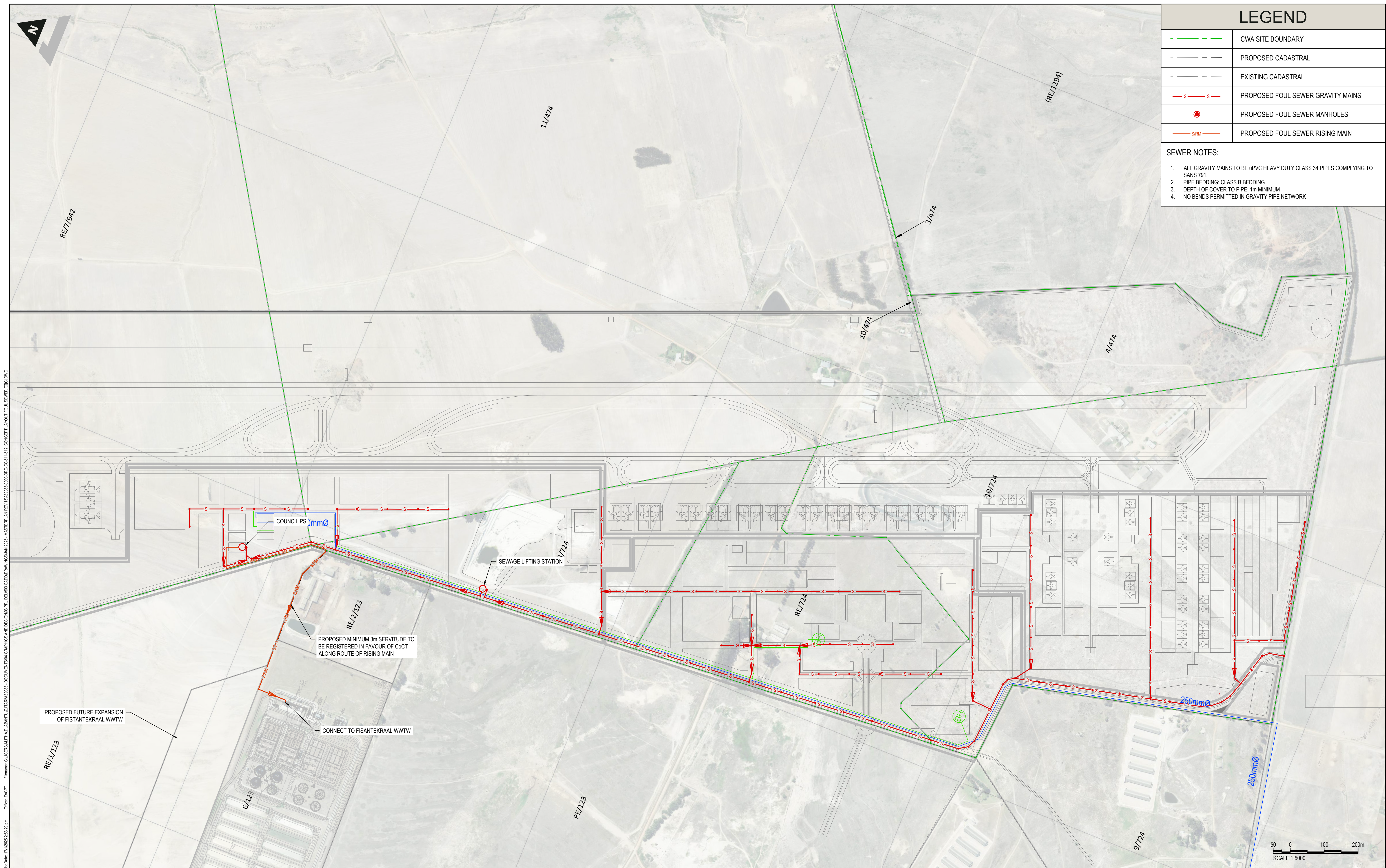
PROJECT	CAPE WINELANDS AIRPORT					
TITLE	CONCEPT WATER SUPPLY LAYOUT					
DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
A89083	A89083	0000	DRG	CC	602	G



CLIENT

CAPE
WINELANDS. AERO

DISCLAIMER	REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	FOR INFORMATION		PROJECT	CAPE WINELANDS AIRPORT					
IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER	A	24/06/24	FOR INFORMATION	C. TALIP	1:5000	A1		C. TALIP	ECSA Pr Eng 20168091	CONCEPT LAYOUT FOUL SEWER OPTION 1 (ON SITE TREATMENT)					
	B	12/08/24	FOR INFORMATION	C. TALIP	DRAWN MC. ALBERTYN	APPROVED DATE				TITLE					
	C	23/01/25	FOR INFORMATION	C. TALIP	DESIGNED M. HAWKES/MC. ALBERTYN										
					REVIEWED C. TALIP										
									DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
									A89083	- 0000	- DRG	- CC	-	511	- C



LEGEND

	CWA SITE BOUNDARY
	PROPOSED CADASTRAL
	EXISTING CADASTRAL
	PROPOSED FOUL SEWER GRAVITY MAINS
	PROPOSED FOUL SEWER MANHOLES
	PROPOSED FOUL SEWER RISING MAIN

SEWER NOTES:

- ALL GRAVITY MAINS TO BE uPVC HEAVY DUTY CLASS 34 PIPES COMPLYING TO SANS 791.
- PIPE BEDDING: CLASS B BEDDING
- DEPTH OF COVER TO PIPE: 1m MINIMUM
- NO BENDS PERMITTED IN GRAVITY PIPE NETWORK

IMPACT. ENGINEERED.

CLIENT

DISCLAIMER

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REV	DATE	REVISION DETAILS
A	24/06/24	FOR INFORMATION
B	12/08/24	FOR INFORMATION
C	23/01/25	FOR INFORMATION

APPROVED
C. TALIP
C. TALIP
C. TALIP

SCALE	SIZE
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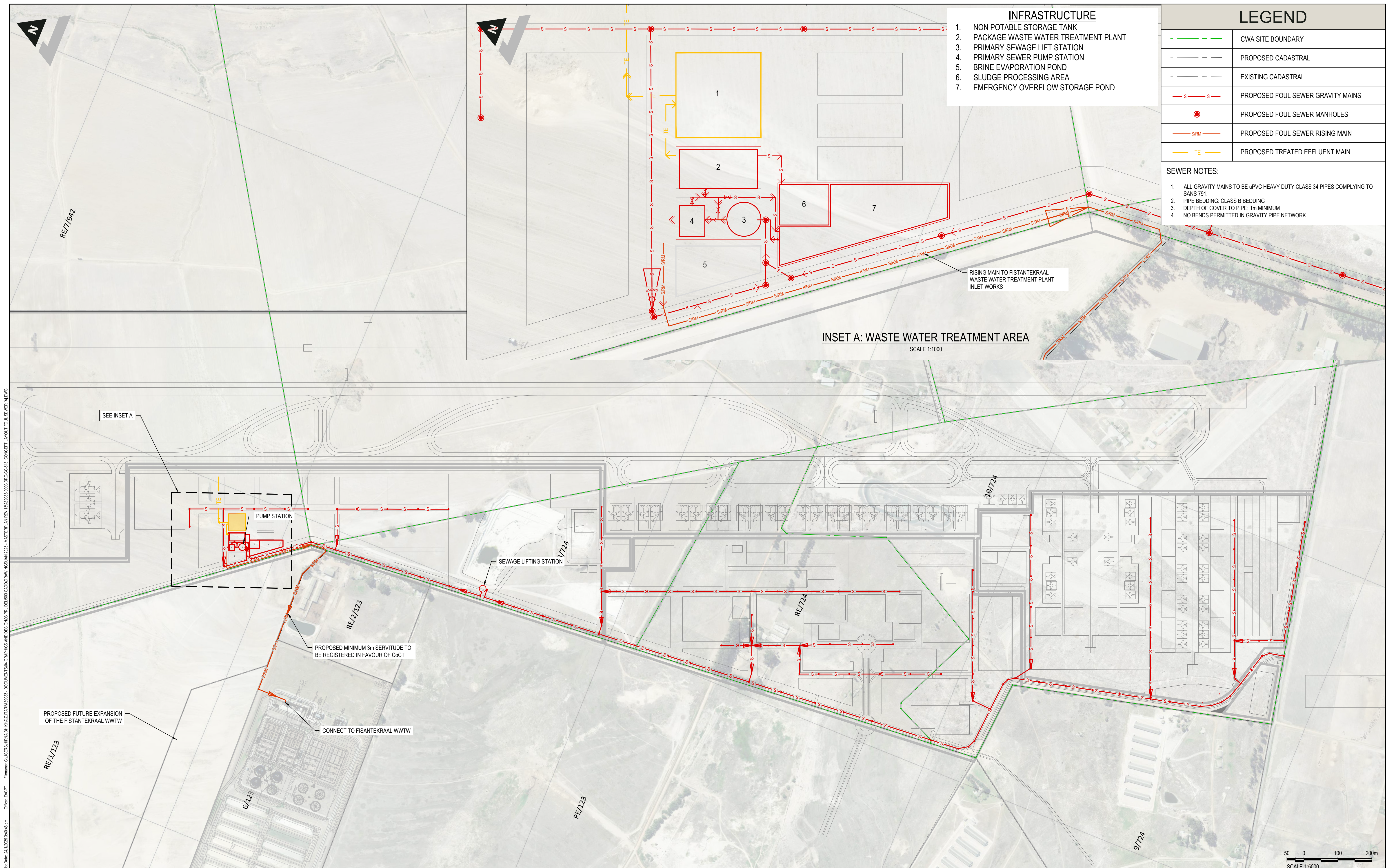
DRAWN	DESIGNED	REVIEWED
M. HAWKES	M. HAWKES	C. TALIP

FOR INFORMATION

APPROVED	DATE
C. TALIP	ECSA Pt Eng 20160091

PROJECT	TITLE
CAPE WINELANDS AIRPORT	CONCEPT LAYOUT FOUL SEWER OPTION 2 TO FISANTEKRAAL WWTW

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
A89083	0000	DRG	CC	512	C	



- INFRASTRUCTURE**
1. NON POTABLE STORAGE TANK
 2. PACKAGE WASTE WATER TREATMENT PLANT
 3. PRIMARY SEWAGE LIFT STATION
 4. PRIMARY SEWER PUMP STATION
 5. BRINE EVAPORATION POND
 6. SLUDGE PROCESSING AREA
 7. EMERGENCY OVERFLOW STORAGE POND

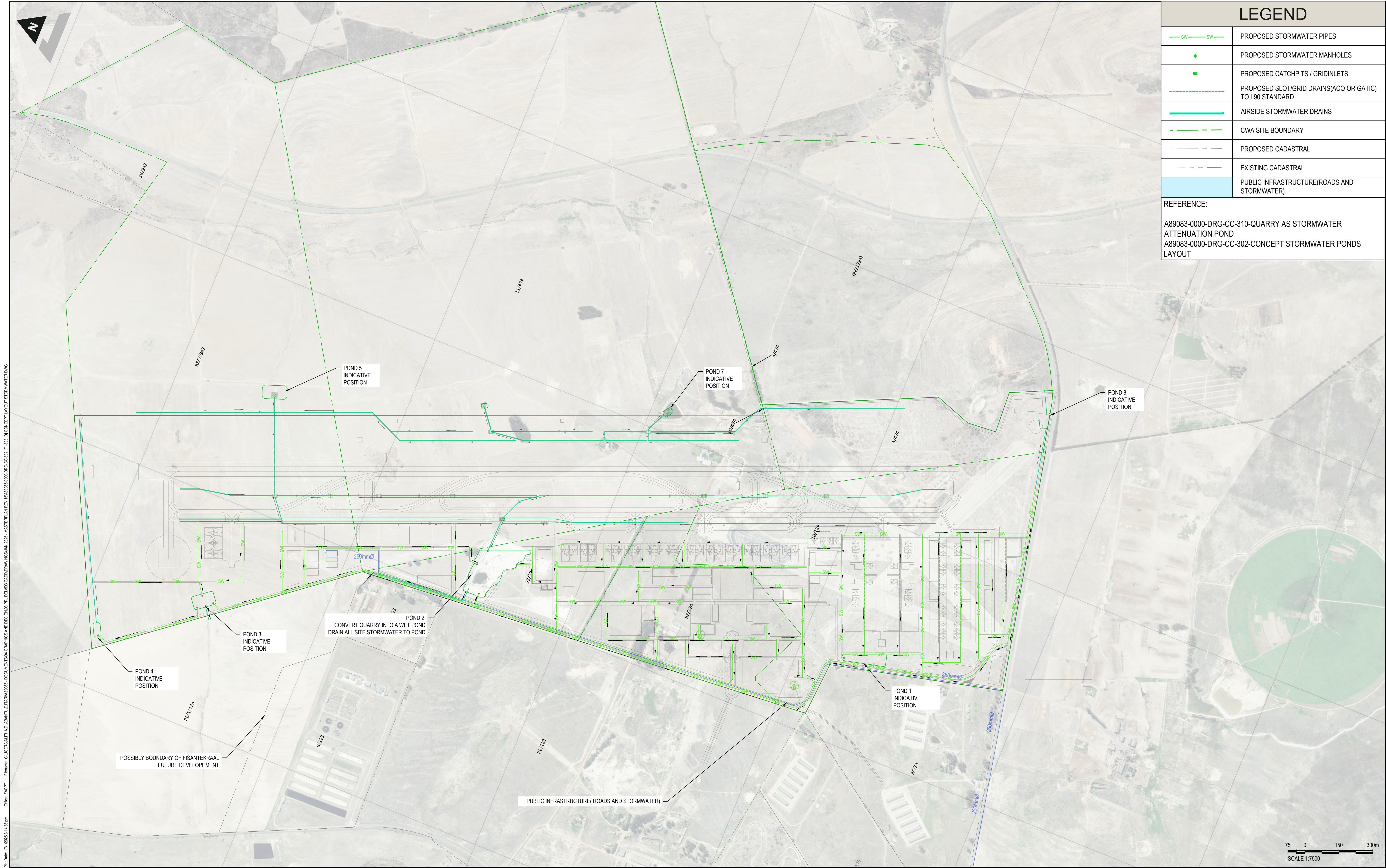
LEGEND	
	CWA SITE BOUNDARY
	PROPOSED CADASTRAL
	EXISTING CADASTRAL
	PROPOSED FOUL SEWER GRAVITY MAINS
	PROPOSED FOUL SEWER MANHOLES
	PROPOSED FOUL SEWER RISING MAIN
	PROPOSED TREATED EFFLUENT MAIN

- SEWER NOTES:**
1. ALL GRAVITY MAINS TO BE uPVC HEAVY DUTY CLASS 34 PIPES COMPLYING TO SANS 791.
 2. PIPE BEDDING: CLASS B BEDDING
 3. DEPTH OF COVER TO PIPE: 1m MINIMUM
 4. NO BENDS PERMITTED IN GRAVITY PIPE NETWORK

INSET A: WASTE WATER TREATMENT AREA
SCALE 1:1000

Proj Date: 24/10/2023 3:40:48 pm Client: ZACPT File Name: C:\USERS\HINA.BHAKHANI\AUTOCAD\DRAWINGS\2025 - MASTERPLAN REV 15\A89083.000\DRG-CC-310 CONCEPT LAYOUT FOUL SEWER\A1.DWG

 IMPACT. ENGINEERED.		CLIENT	DISCLAIMER IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER	REV A	DATE 23/01/25	REVISION DETAILS FOR INFORMATION	APPROVED C. TALIP	SCALE 1:5000	SIZE A1	FOR INFORMATION	PROJECT CAPE WINELANDS AIRPORT						
						DRAWN H. BHIKHA			APPROVED	DATE	TITLE CONCEPT LAYOUT FOUL SEWER OPTION 3 (PREFERRED)						
						DESIGNED H. BHIKHA			C. TALIP	ECSA Pr Eng 20160091	DRAWING No. A89083	PROJECT No. A89083	WBS 0000	TYPE DRG	DISC CC	NUMBER 513	REV A
						REVIEWED C. TALIP											



LEGEND

— SW — SW —	PROPOSED STORMWATER PIPES
●	PROPOSED STORMWATER MANHOLES
■	PROPOSED CATCHPITS / GRIDINLETS
-----	PROPOSED SLOT/GRID DRAINS(ACO OR GATIC) TO L90 STANDARD
—————	AIRSIDE STORMWATER DRAINS
- - - - -	CWA SITE BOUNDARY
- - - - -	PROPOSED CADASTRAL
- - - - -	EXISTING CADASTRAL
	PUBLIC INFRASTRUCTURE(ROADS AND STORMWATER)

REFERENCE:
A89083-0000-DRG-CC-310-QUARRY AS STORMWATER ATTENUATION POND
A89083-0000-DRG-CC-302-CONCEPT STORMWATER PONDS LAYOUT

ZUTARI

IMPACT. ENGINEERED.

CLIENT

CAPE WINELANDS AERO

DISCLAIMER

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REV	DATE	REVISION DETAILS
A	18/01/22	FOR INFORMATION
B	12/08/22	FOR INFORMATION
C	19/10/23	FOR INFORMATION
D	28/05/24	FOR INFORMATION
E	30/07/24	FOR INFORMATION
F	23/01/25	FOR INFORMATION

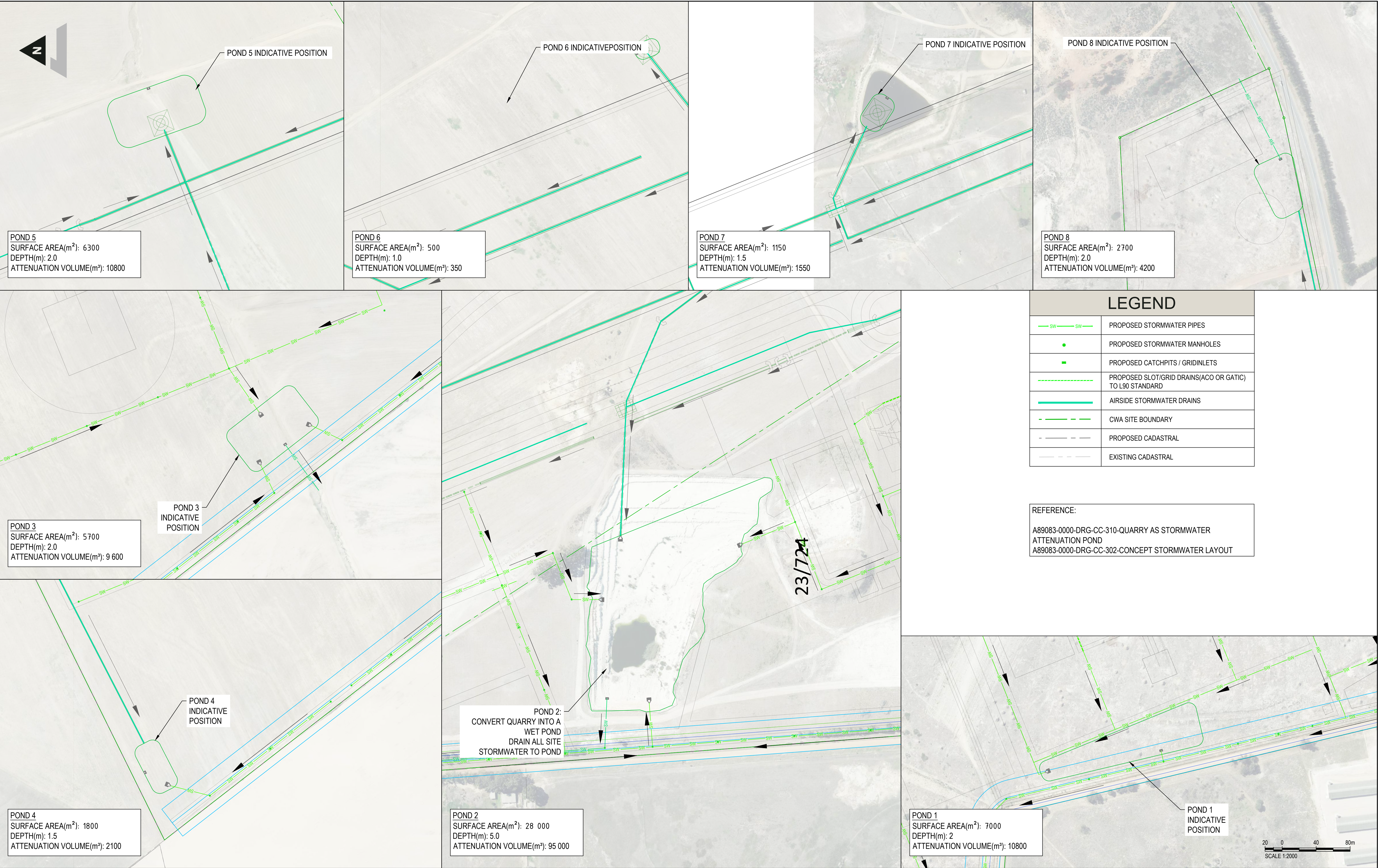
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C. TALIP		
C. TALIP		
C. TALIP		

DRAWN	DESIGNED	REVIEWED
S. BADENHORST	H.BHIKHA	C. TALIP

FOR INFORMATION	APPROVED
	C. TALIP

PROJECT	TITLE
CAPE WINELANDS AIRPORT	CONCEPT LAYOUT STORMWATER

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
A89083	0000	DRG	CC	302	F	



CLIENT

DISCLAIMER

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REV	DATE	REVISION DETAILS
A	10/03/23	FOR INFORMATION
B	19/10/23	FOR INFORMATION
C	12/08/24	FOR INFORMATION
D	23/01/25	FOR INFORMATION

APPROVED

C. TALIP

SCALE

AS SHOWN

DRAWN

MC. ALBERTYN

DESIGNED

A. VAN DER NEST

REVIEWED

C. TALIP

FOR INFORMATION

APPROVED

C. TALIP

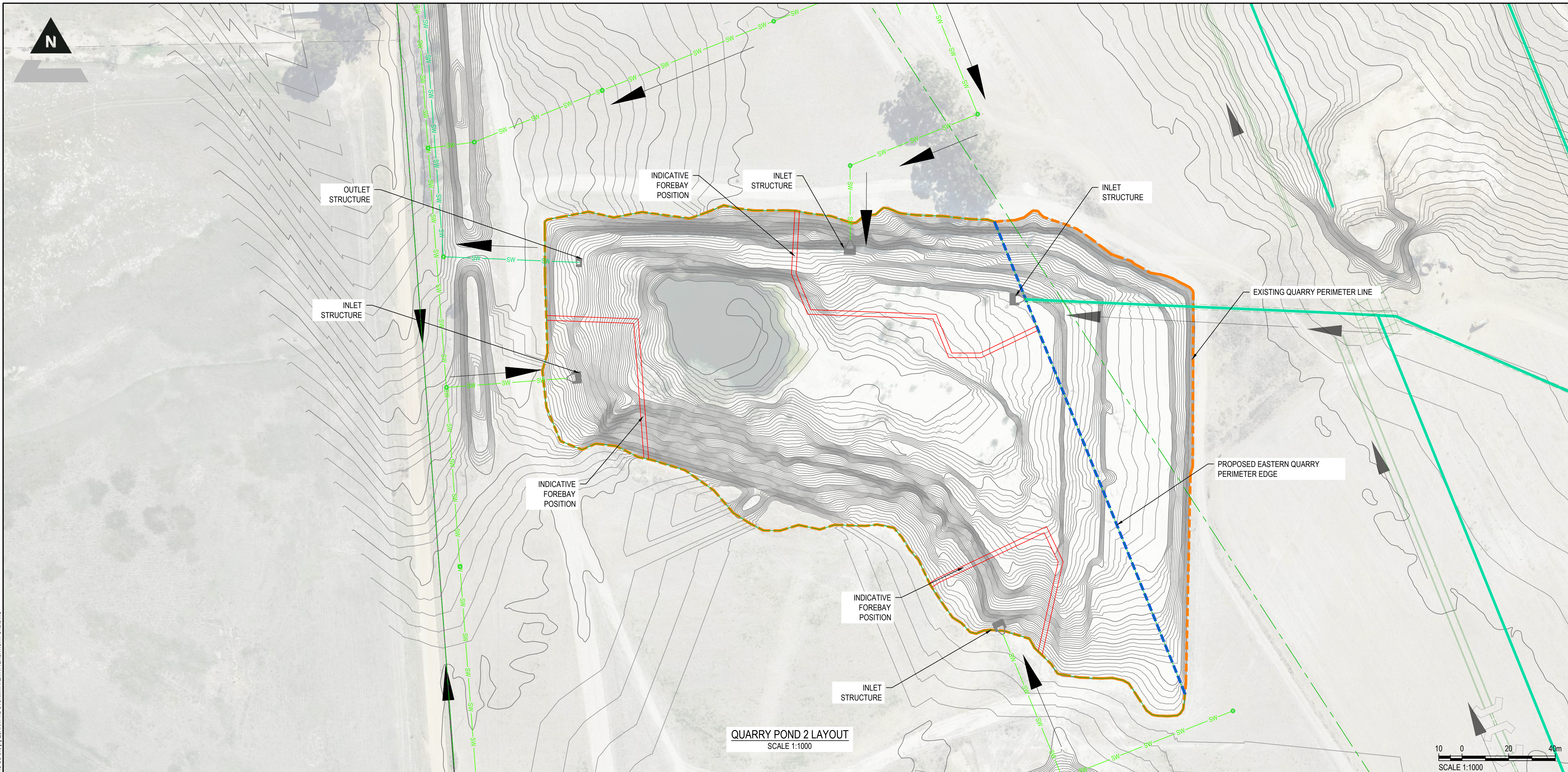
PROJECT

CAPE WINELANDS AIRPORT

TITLE

CONCEPT STORMWATER PONDS LAYOUT

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
A89083	0000	DRG	CC	303	D	



DISCLAIMER

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NOTES:

- THE PROPOSED BENCHES AND ELEMENTS SEEN IN THIS DRAWING IS SUBJECT TO CHANGE FOLLOWING DETAILED DESIGN.
- ALL ELEMENTS ARE ALSO SUBJECT TO APPROVAL FROM CoCT'S CATCHMENTS MANGER.
- ALL RELEVANT PARTIES TO BE CONSULTED, FOR EXAMPLE BIRD STRIKE CONSULTANT.

LEGEND

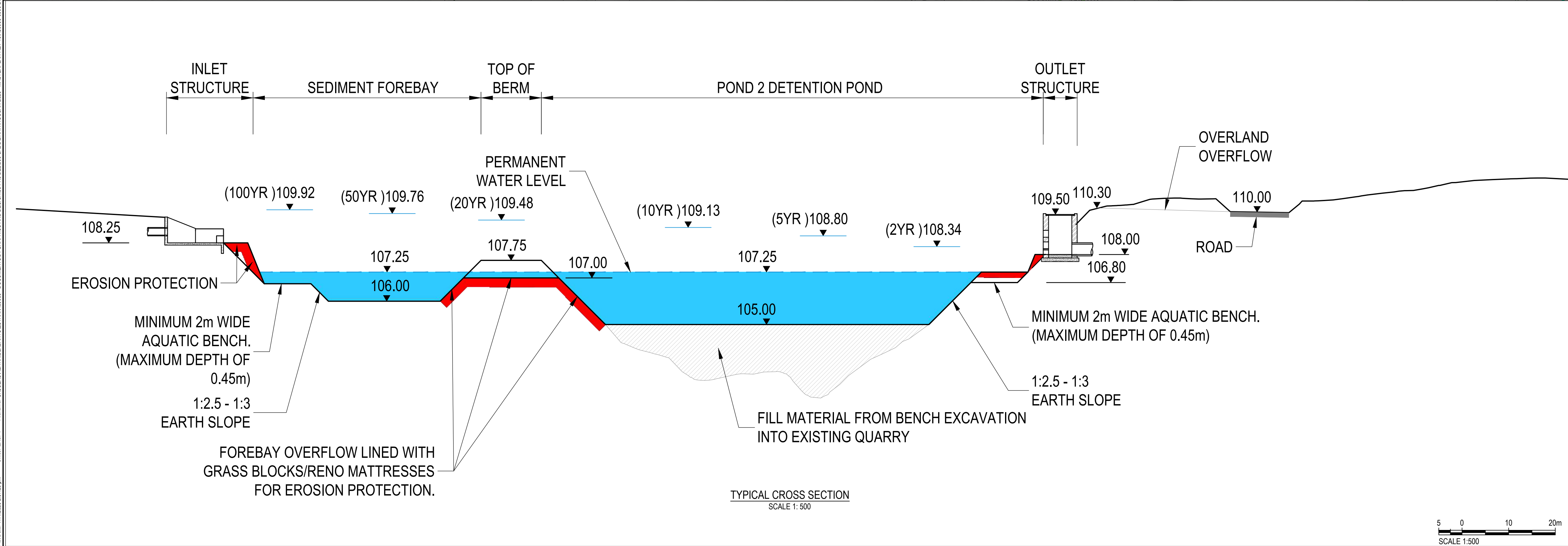
— SW — SW —	PROPOSED STORMWATER PIPES
●	PROPOSED STORMWATER MANHOLES
■	PROPOSED CATCHPITS / GRIDINLETS
—	AIRSIDE STORMWATER DRAINS
- - - - -	CWA SITE BOUNDARY
- - - - -	PROPOSED CADASTRAL
- - - - -	EXISTING CADASTRAL

REFERENCE:
A89083-0000-DRG-CC-302-CONCEPT STORMWATER LAYOUT
A89083-0000-DRG-CC-303-CONCEPT STORMWATER PONDS LAYOUT

ZUTARI

IMPACT. ENGINEERED.

CLIENT



CAPE WINELANDS AERO

REV	DATE	REVISION DETAILS	APPROVED
A	01/11/22	FOR INFORMATION	C. TALIP
B	28/11/22	FOR INFORMATION	C. TALIP
C	13/03/23	FOR INFORMATION	C. TALIP
D	19/10/23	FOR INFORMATION	C. TALIP
E	12/08/24	FOR INFORMATION	C. TALIP
F	23/01/25	FOR INFORMATION	C. TALIP

SCALE	SIZE	FOR INFORMATION
AS SHOWN	A1	

DRAWN	APPROVED	DATE
S. BADENHORST		
DESIGNED		
A. VAN DER NEST		
REVIEWED		
C. TALIP	C. TALIP	ECSEA Pr Eng 2016091

PROJECT

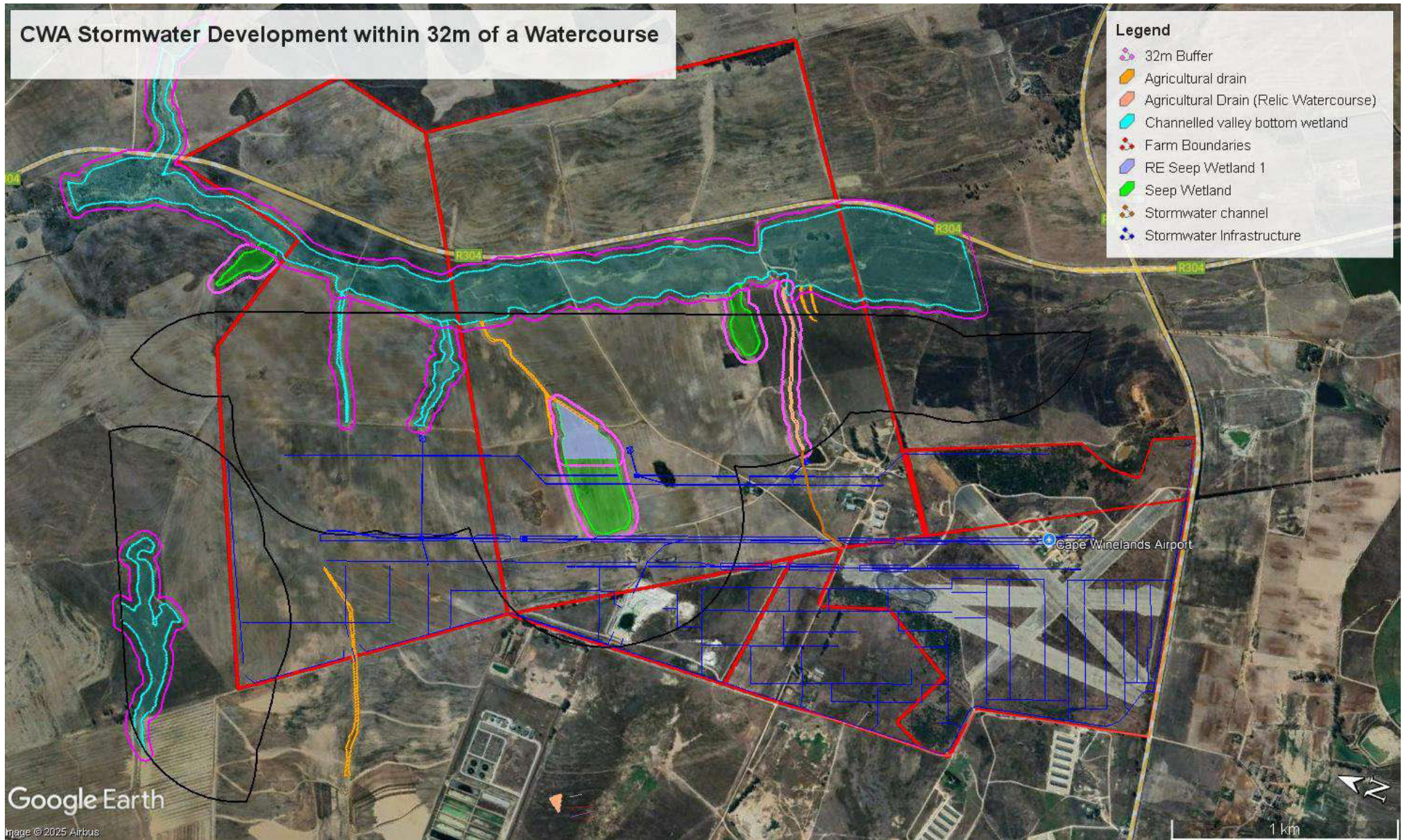
CAPE WINELANDS AIRPORT

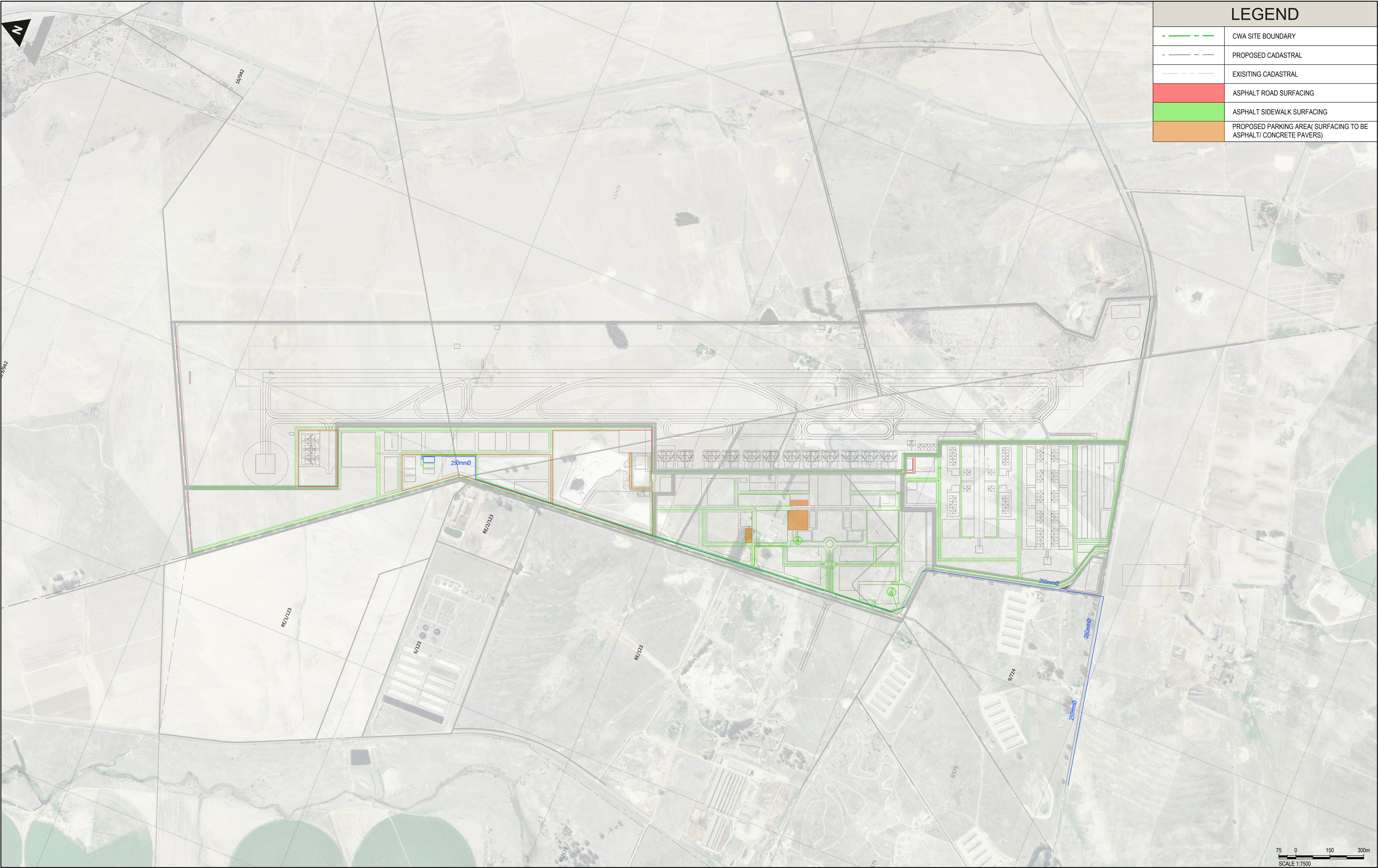
TITLE

QUARRY AS STORMWATER ATTENUATION POND

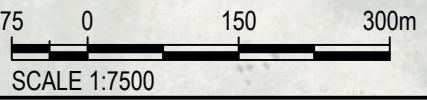
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PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
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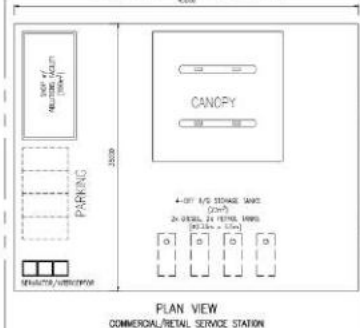
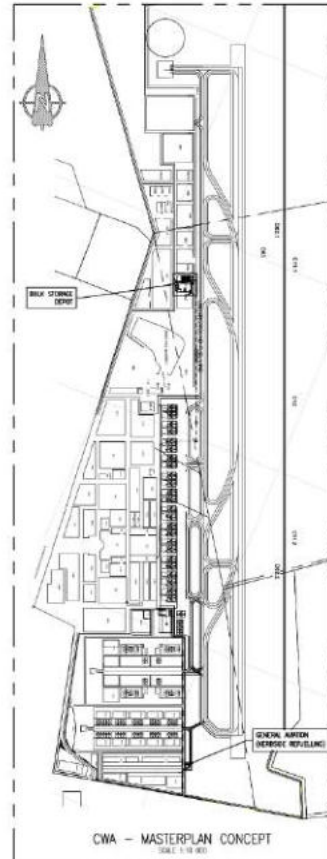
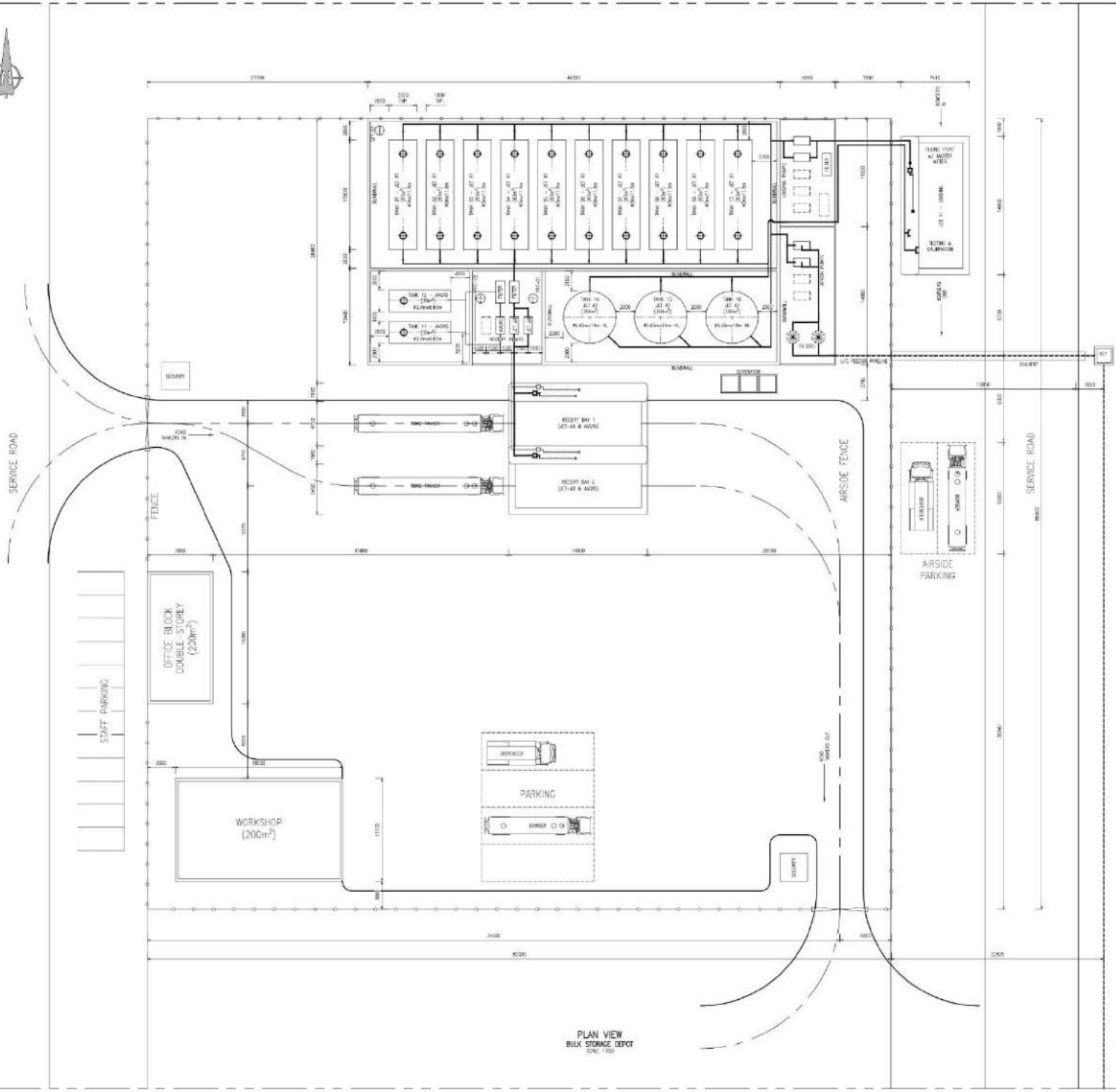




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<div><div>ZUTARİ</div><div>IMPACT. ENGINEERED.</div></div>		<div>CLIENT<div>CAPE WINELANDS AERO</div></div>	<div>DISCLAIMER<div>IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER</div></div>	<div>REV</div> <div>A</div>	<div>DATE</div> <div>18/01/22</div>	<div>REVISION DETAILS</div> <div>FOR INFORMATION</div>	<div>APPROVED</div> <div>C. TALIP</div>	<div>SCALE</div> <div>1:7500</div>	<div>SIZE</div> <div>A1</div>	<div>FOR INFORMATION<div>APPROVED<div>C. TALIP</div><div>DATE<div>ECSA Pr Eng 20160091</div></div></div></div>	<div>PROJECT</div> <div>CAPE WINELANDS AIRPORT</div>						
				<div>B</div>	<div>07/04/22</div>	<div>FOR INFORMATION</div>	<div>C. TALIP</div>	<div>DRAWN</div> <div>M. HAWKES</div>	<div>TITLE</div> <div>CONCEPT LAYOUT ROADS</div>								
				<div>C</div>	<div>12/08/22</div>	<div>FOR INFORMATION</div>	<div>C. TALIP</div>	<div>DESIGNED</div> <div>M. HAWKES</div>									
				<div>D</div>	<div>19/10/23</div>	<div>FOR INFORMATION</div>	<div>C. TALIP</div>	<div>REVIEWED</div> <div>C. TALIP</div>									
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	<div>F</div>	<div>23/01/25</div>	<div>FOR INFORMATION</div>	<div>C.TALIP</div>							<div>DRAWING No.</div> <div>A89083</div>	<div>PROJECT No.</div> <div>A89083</div>	<div>WBS</div> <div>0000</div>	<div>TYPE</div> <div>DRG</div>	<div>DISC</div> <div>CC</div>	<div>NUMBER</div> <div>200</div>	<div>REV</div> <div>F</div>








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DATE: 15/05/2024
DRAWN: [Name]
CHECKED: [Name]
APPROVED: [Name]




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KANTLEY & TEMPLE
CONSULTING ENGINEERS
101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/1231/1232/1233/1234/1235/1236/1237/1238/1239/1240/1241/1242/1243/1244/1245/1246/1247/1248/1249/1250/1251/1252/1253/1254/1255/1256/1257/1258/1259/1260/1261/1262/1263/1264/1265/1266/1267/1268/1269/1270/1271/1272/1273/1274/1275/1276/1277/1278/1279/1280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LEGEND (cont...)

PHASING LINE

- | | |
|---|---------------------------|
|  | AIRPORT AIR SIDE PRECINCT |
|  | SERVICE PRECINCT |
|  | AIRPORT TERMINAL PRECINCT |
|  | GENERAL AVIATION PRECINCT |
|  | BOUNDARY/FENCE LINE |


ORIGINAL INDIGENOUS REMNANTS

- | | |
|---|---|
|  | 1.6 ha VERY HIGH; TO REMAIN UNTOUCHED AT THE AIRPORT AIRSIDE PRECINCT. |
|  | 0.2 ha MEDIUM; AREA TO REMAIN UNTOUCHED AT THE AIRPORT AIRSIDE PRECINCT. |
|  | 1.6 ha MEDIUM; SOME OF AREA TO BE DESTROYED DUE TO THE RUNWAY STRIP AREA AT THE AIRPORT AIRSIDE PRECINCT. |









EXTREMITIES

-
- RUNWAY STRIP AREA AT THE AIRPORT AIRSIDE PRECINCT.**
- TAXIWAY STRIP AREA AT THE AIRPORT AIRSIDE PRECINCT.**
- ILS GP BEAM FORMING AREA AT THE AIRPORT AIRSIDE PRECINCT.**

- 
- FUTURE INSTRUMENT
LANDSCAPING SYSTEM
FACILITIES AT THE AIRPORT
AIRSIDE PRECINCT (i.e
LOCALISER, MARKER
BEACONS, SIGNAGES etc) &
SUB-STATIONS AROUND
AIRPORT AIRSIDE ARE
SUBJECT TO LATER POSITIONS
& DETAIL DESIGN.
LANDSCAPING AROUND THESE
WILL BE KEPT TO A MINIMUM
BUFFER OF 5m OFFSET OF
200mm VVIGIE & ANNUALS /
PERENNIALS FYNBOS GROUND
COVER SPECIES.**

- 
- BRUSH-CUT FIREBREAK:**
15m WIDE ALIGNING WITH THE PERIMETER ACCESS ROAD; OFFSET FROM BOUNDARY; NOT ENCRoACHING INTO INDIGENOUS REMNANTS AREAS

HARD LANDSCAPE

- | | |
|---|---|
|  | INTERNAL PAVED PEDESTRIAN WALKWAYS AT THE AIRPORT TERMINAL PRECINCT. |
|  | INTERNAL PAVED PLAZA AREAS AT THE AIRPORT TERMINAL PRECINCT. |
|  | PAVED VEHICULAR ROAD AT THE SERVICE PRECINCT, TERMINAL PRECINCT & GENERAL AVIATION PRECINCT. |
|  | 1.8m PAVED WIDE NMT WALKWAYS AT THE SERVICE PRECINCT, TERMINAL PRECINCT & GENERAL AVIATION PRECINCT. |
|  | 3.0m PAVED WIDE NMT WALKWAYS AT THE SERVICE PRECINCT, TERMINAL PRECINCT & GENERAL AVIATION PRECINCT. |
|  | PAVED INTERSECTION AREAS AT THE SERVICE PRECINCT & TERMINAL PRECINCT. |
|  | RUNWAY, TAXI & APRON ASPHALT FINISHED SURFACES AT THE AIRPORT AIRSIDE PRECINCT AND GENERAL AVIATION PRECINCT |
|  | AIRPORT MAINTENANCE ROAD ASPHALT FINISHED SURFACES AT THE AIRSIDE PRECINCT & SERVICE PRECINCT. |
|  | SPACE FOR OCCASIONAL USE AND SLOPED PLANTING AT AIRPORT TERMINAL PRECINCT |
|  | SOLAR PHOTOVOLTAIC SOLAR PANELS OVER PARKING BAYS AT THE AIRPORT TERMINAL PRECINCT. |
|  | INDICATIVE BUILDING ROOFSCAPE EXTENTS AT THE SERVICE PRECINCT, TERMINAL PRECINCT & GENERAL AVIATION PRECINCT. |
|  | FUTURE DEVELOPMENT AREAS WITH INDICATIVE BUILDING AT THE SERVICE PRECINCT & TERMINAL PRECINCT. |
|  | EXISTING QUARRY AT THE SERVICE PRECINCT. |
|  | ESKOM INCOMING SUB-STATION AT THE AIRPORT AIRSIDE PRECINCT. |

DRAFT

PROJECT

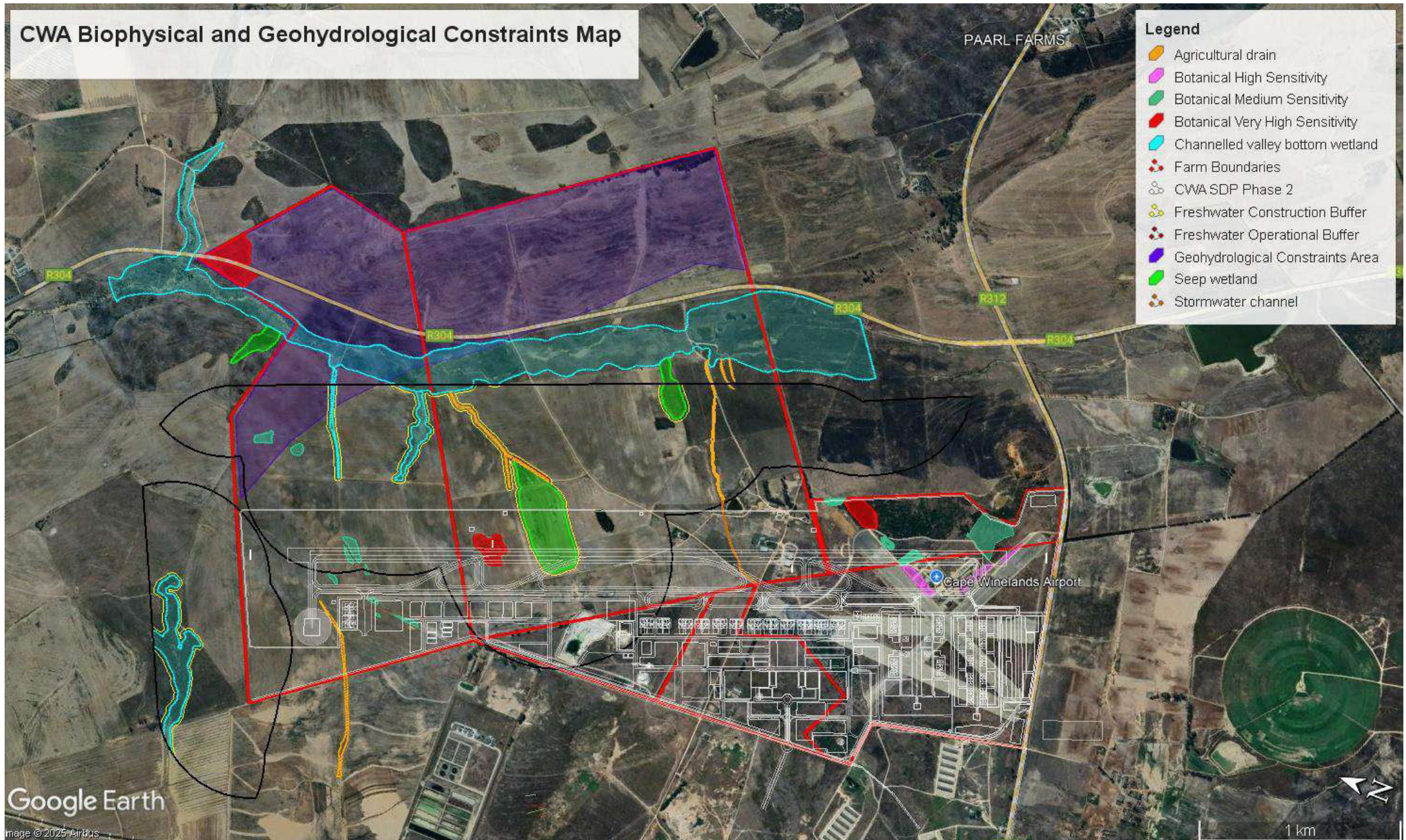
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FISANTEKRAAL

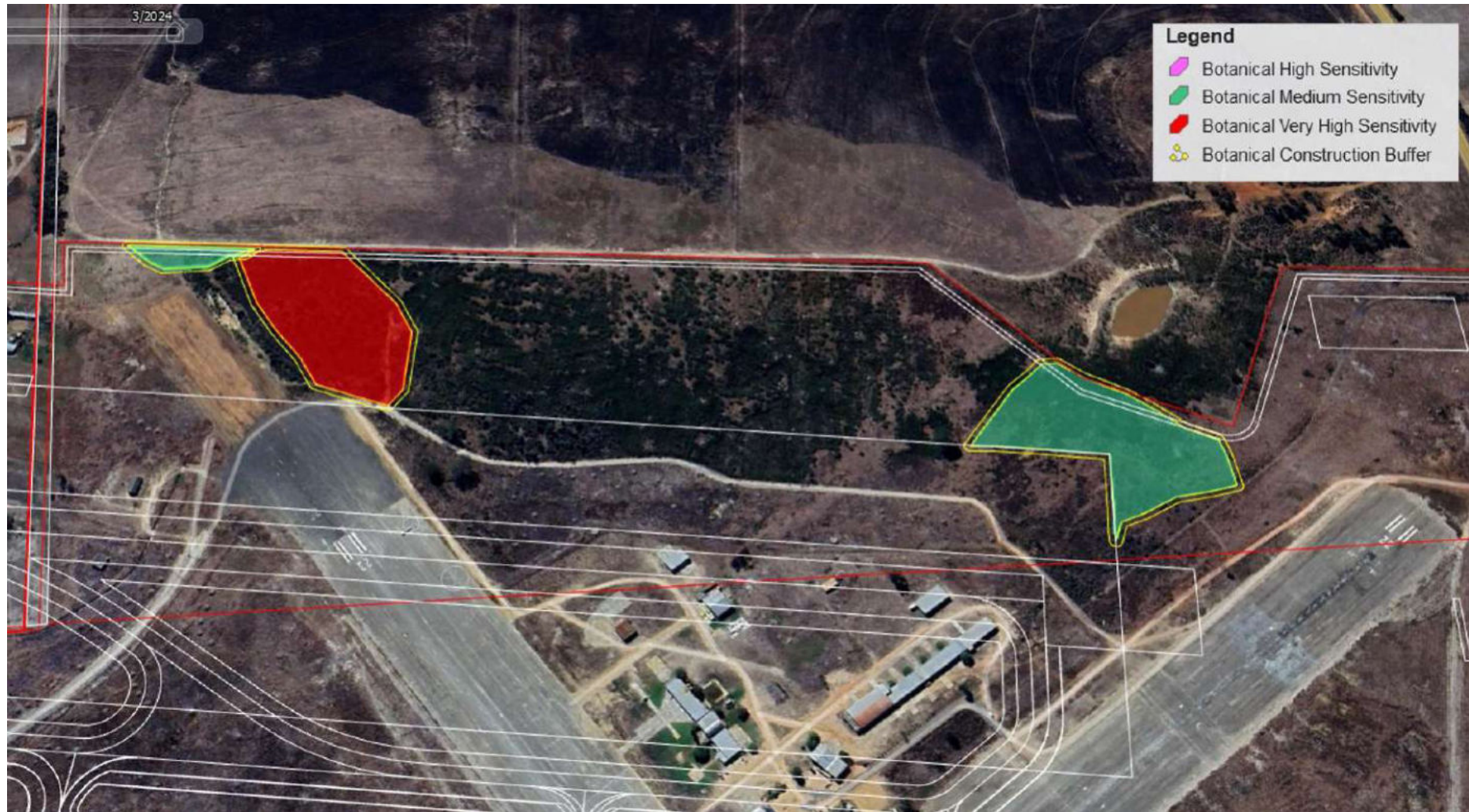
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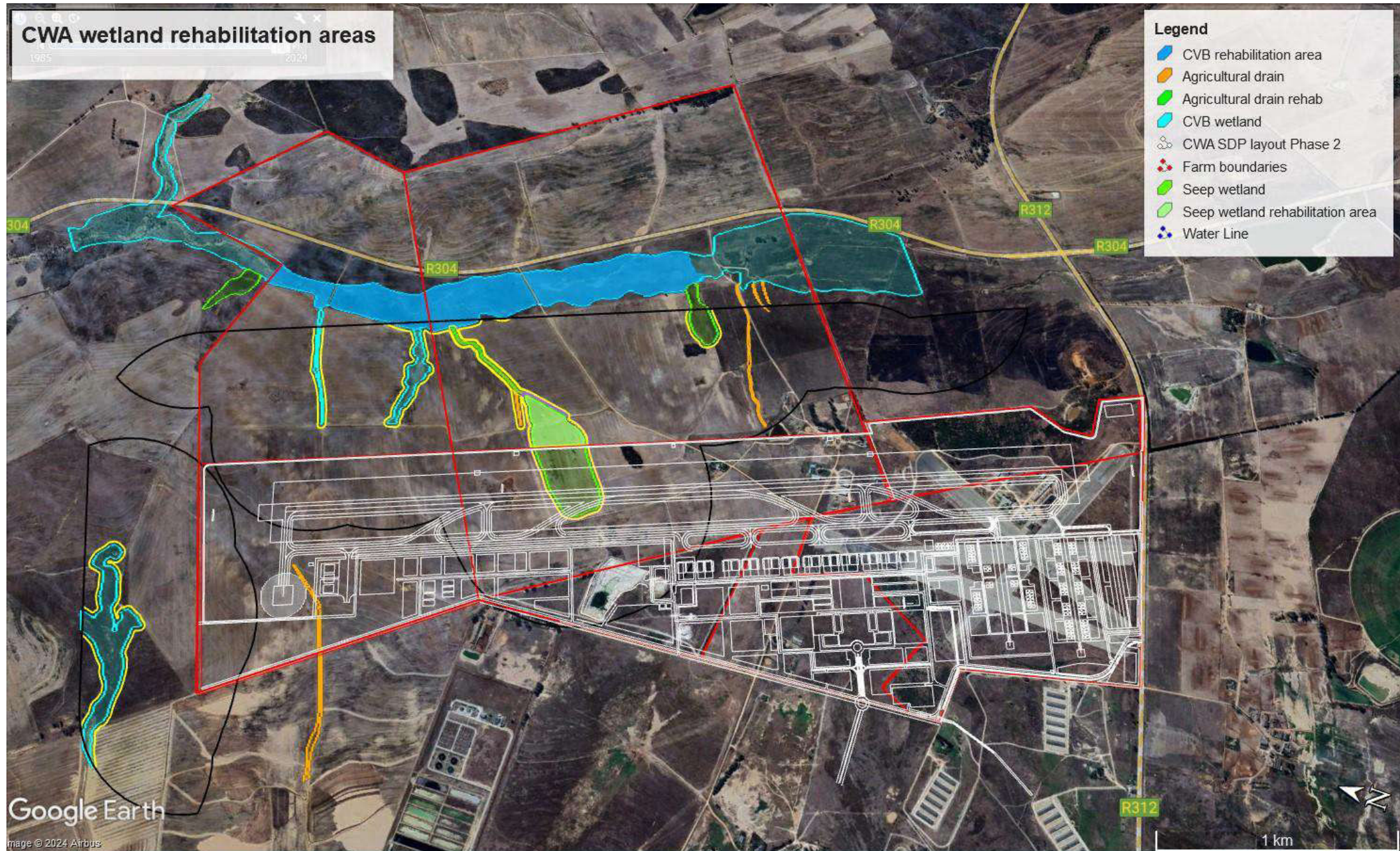
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DATE	MARCH 2025	FILE NAME	
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DESIGNED	JJ/JED		
DRAWN	MM		
CHECKED	JJ/JED		
APPROVED	JJ		
CUSTOMER	VIVID ARCHITECTS		

VIVID ARCHITECTS









Coordinates along route of linear development (1 to 41 along Primary Runway 01-19; 42 to 50 along Secondary Runway 14-32)

Coordinate nr	Latitude	Longitude
Primary Runway 01-19		
1	33°44'22.90"S	18°43'48.02"E
2	33°44'25.92"S	18°43'49.36"E
3	33°44'28.96"S	18°43'50.90"E
4	33°44'32.12"S	18°43'52.28"E
5	33°44'35.33"S	18°43'53.74"E
6	33°44'38.47"S	18°43'55.44"E
7	33°44'41.62"S	18°43'57.03"E
8	33°44'44.64"S	18°43'58.62"E
9	33°44'47.81"S	18°44'0.34"E
10	33°44'50.96"S	18°44'1.93"E
11	33°44'54.08"S	18°44'3.62"E
12	33°44'57.35"S	18°44'5.11"E
13	33°45'0.51"S	18°44'6.65"E
14	33°45'3.66"S	18°44'8.24"E
15	33°45'6.80"S	18°44'9.87"E
16	33°45'9.91"S	18°44'11.24"E
17	33°45'12.99"S	18°44'12.79"E
18	33°45'16.00"S	18°44'14.45"E
19	33°45'19.03"S	18°44'15.98"E
20	33°45'22.20"S	18°44'17.57"E
21	33°45'25.40"S	18°44'19.03"E
22	33°45'28.58"S	18°44'20.79"E
23	33°45'31.87"S	18°44'22.03"E
24	33°45'34.93"S	18°44'23.58"E
25	33°45'37.85"S	18°44'25.10"E
26	33°45'40.85"S	18°44'26.47"E
27	33°45'43.87"S	18°44'28.01"E
28	33°45'47.02"S	18°44'29.30"E
29	33°45'50.16"S	18°44'30.87"E
30	33°45'53.23"S	18°44'32.41"E
31	33°45'56.28"S	18°44'33.83"E
32	33°45'59.34"S	18°44'35.37"E
33	33°46'2.41"S	18°44'36.83"E
34	33°46'5.42"S	18°44'38.36"E
35	33°46'8.50"S	18°44'39.79"E
36	33°46'11.56"S	18°44'41.20"E
37	33°46'14.64"S	18°44'42.57"E
38	33°46'17.64"S	18°44'44.00"E
39	33°46'21.03"S	18°44'44.58"E
40	33°46'24.09"S	18°44'45.98"E
41	33°46'26.05"S	18°44'46.98"E
Secondary Runway 14-32		
42	33°46'23.87"S	18°44'39.00"E
43	33°46'22.66"S	18°44'35.35"E
44	33°46'21.15"S	18°44'31.93"E
45	33°46'19.79"S	18°44'28.40"E
46	33°46'18.59"S	18°44'24.86"E
47	33°46'17.21"S	18°44'21.29"E
48	33°46'15.82"S	18°44'17.74"E
49	33°46'14.33"S	18°44'14.35"E
50	33°46'12.79"S	18°44'10.11"E



Figure 1: Coordinates 1 to 15 along Primary Runway 01-19

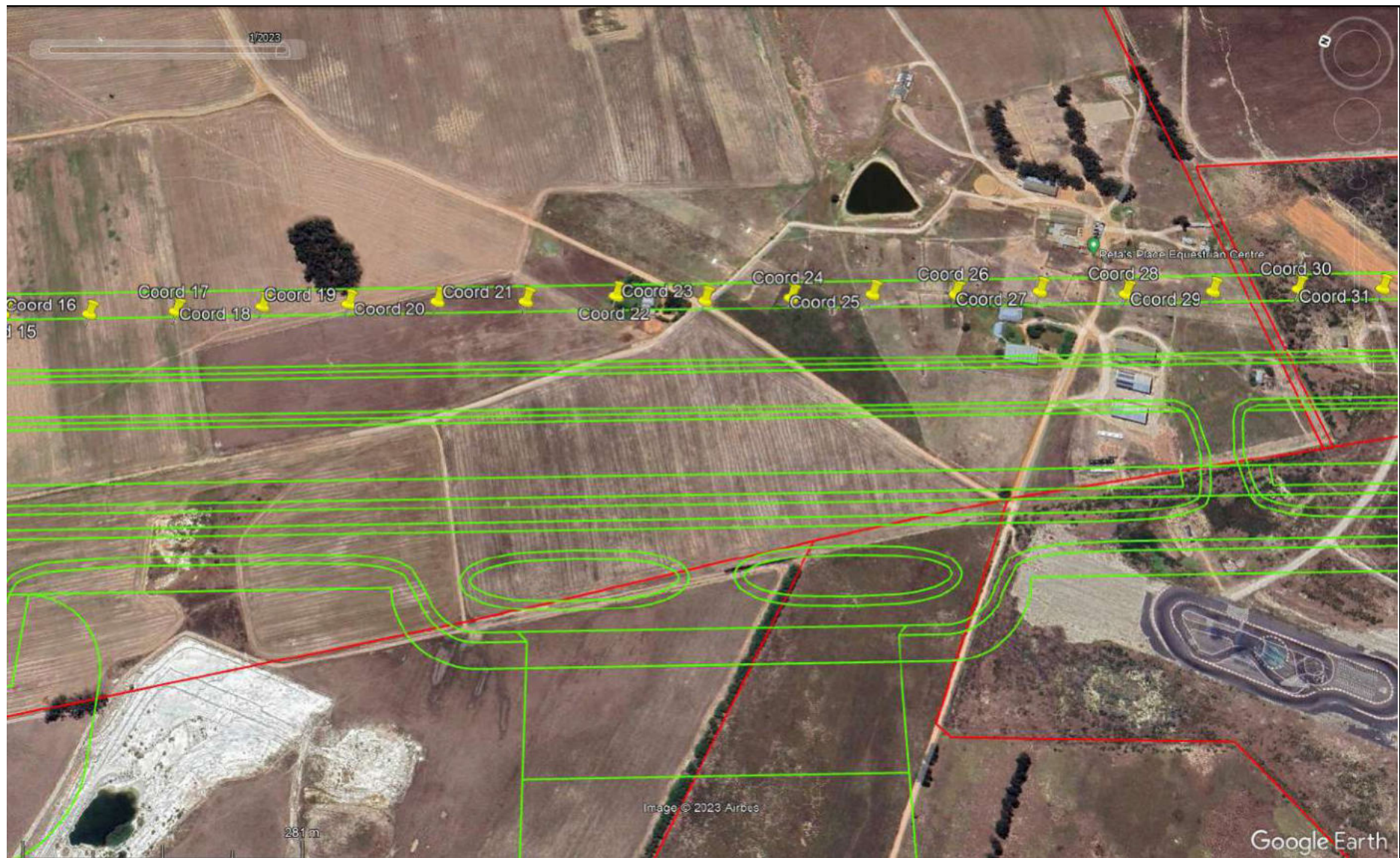


Figure 2: Coordinates 16 to 31 along Primary Runway 01-19

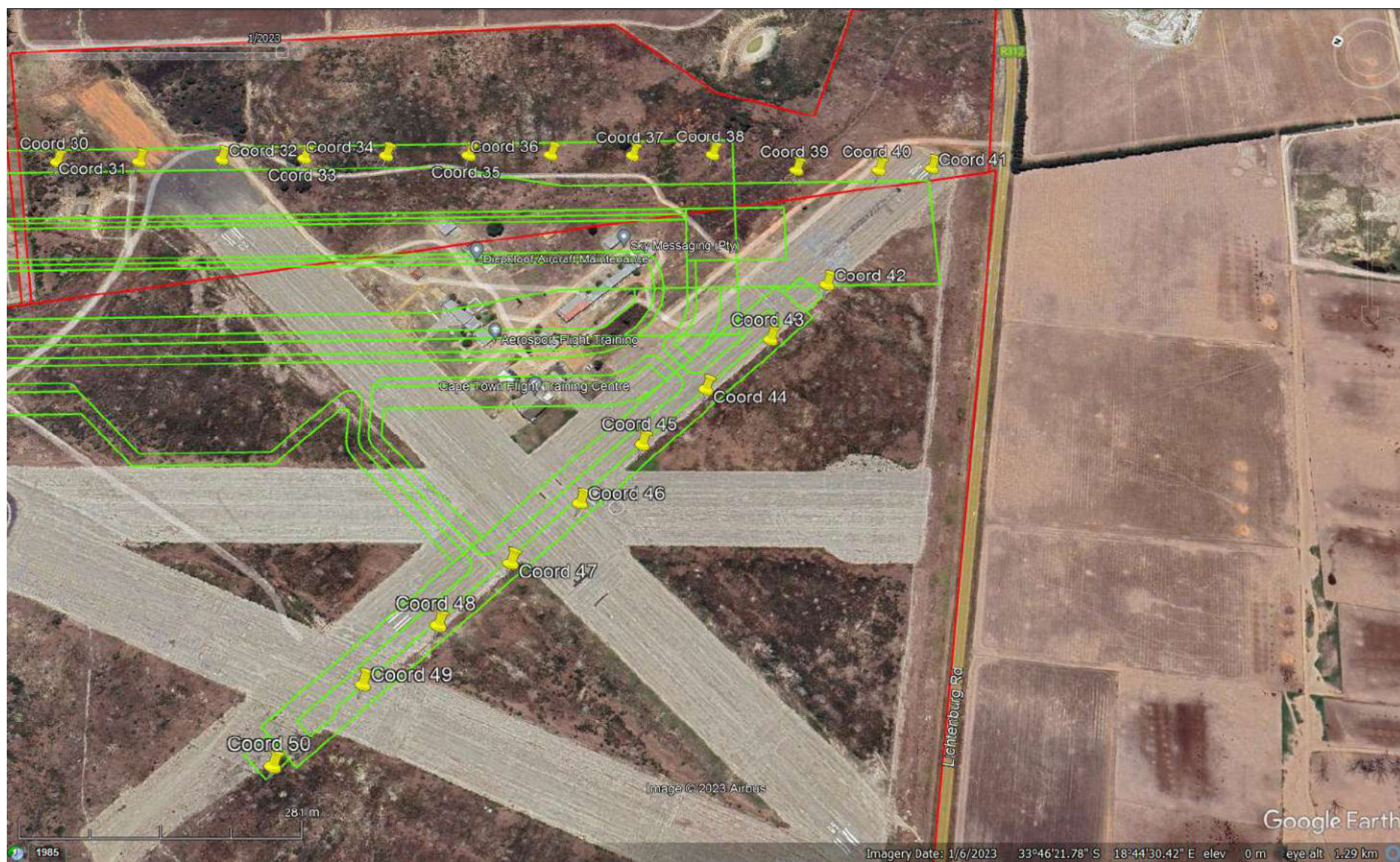


Figure 3: Coordinates 30 to 41 along Primary Runway 01-19 and Coordinates 42 to 50 along Secondary Runway 14-32