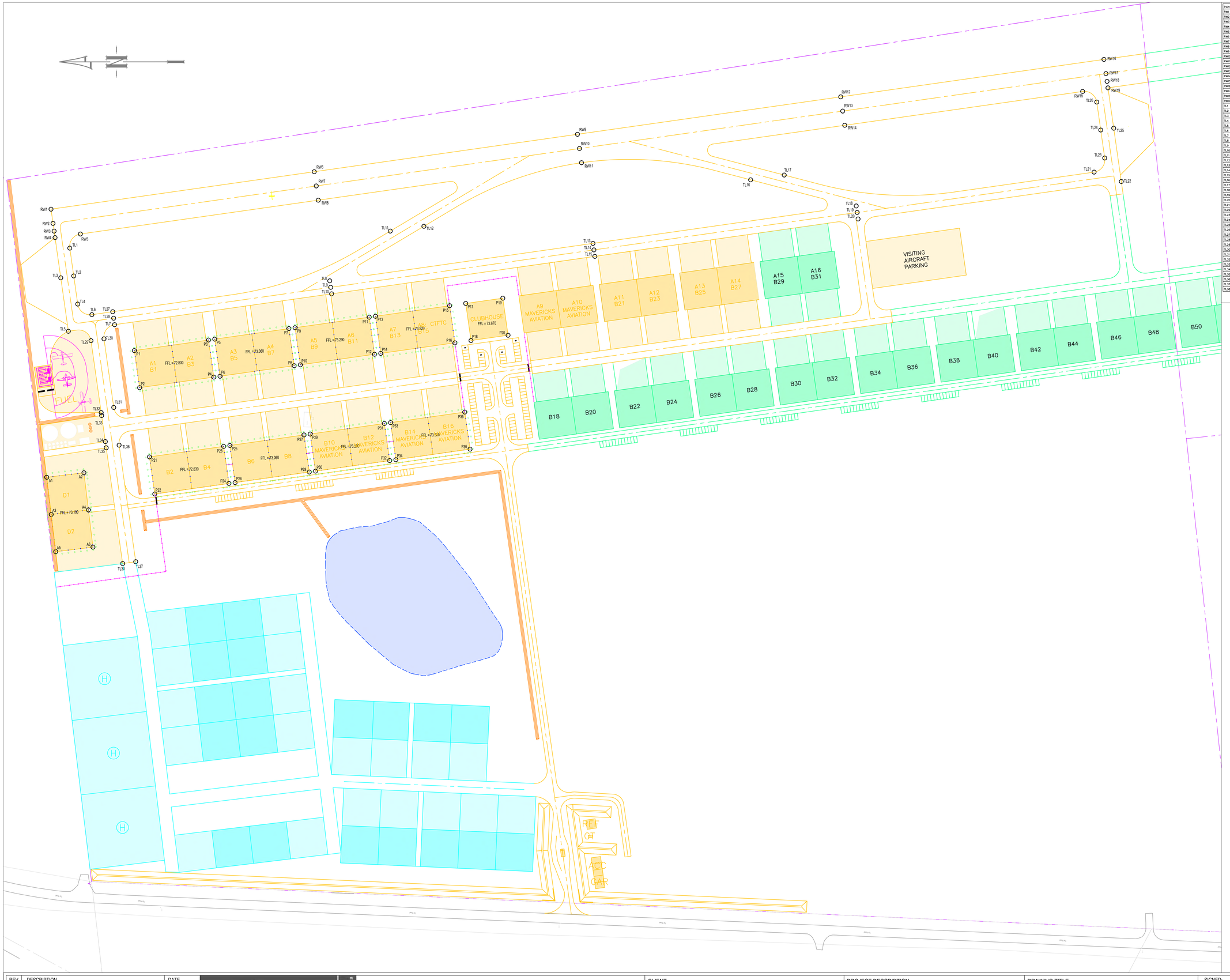

Point	X	Y	Z (TYL)
RW1	35486.410	3717659.926	72.000
RW2	35497.795	3717681.546	72.250
RW3	35503.983	3717692.426	72.125
RW4	35509.180	3717683.165	72.000
RW5	35506.294	3717683.461	72.075
RW6	35456.430	3717870.701	72.750
RW7	35467.815	3717872.320	72.875
RW8	35479.201	3717873.940	72.750
RW9	35426.450	3718081.475	73.500
RW10	35437.836	3718083.095	74.025
RW11	35449.195	3718084.895	73.500
RW12	35396.471	3718292.250	74.250
RW13	35407.856	3718293.869	74.475
RW14	35419.242	3718295.489	74.250
RW15	35392.149	3718485.967	75.025
RW16	35366.491	3718553.024	75.000
RW17	35377.877	3718554.644	75.225
RW18	35384.064	3718555.524	75.105
RW19	35389.352	3718556.263	75.000
TL1	35517.602	3717674.969	71.740
TL2	35539.878	3717678.137	71.625
TL3	35541.357	3717667.742	71.835
TL4	35562.401	3717681.341	71.740
TL5	35584.169	3717673.831	72.050
TL6	35570.893	3717692.649	72.075
TL7	35578.913	3717710.632	73.325
TL8	35543.801	3717883.128	72.750
TL9	35548.998	3717883.967	72.855
TL10	35554.196	3717884.606	72.960
TL11	35503.955	3717671.582	72.775
TL12	35500.126	3717958.504	72.870
TL13	35513.821	3718053.902	73.500
TL14	35519.019	3718054.642	73.605
TL15	35524.216	3718095.381	74.010
TL16	35462.916	3718320.113	73.800
TL17	35458.087	3718247.035	73.900
TL18	35483.841	3718354.477	74.250
TL19	35489.039	3718305.416	74.355
TL20	35494.237	3718306.156	74.460
TL21	35456.749	3718495.156	74.925
TL22	35464.257	3718516.930	75.000
TL23	35445.440	3718503.648	74.915
TL24	35423.040	3718500.462	74.800
TL25	35421.562	3718510.857	75.010
TL26	35400.641	3718497.276	74.915
TL27	35568.518	3717709.353	72.135
TL28	35573.715	3717710.092	72.240
TL29	35591.700	3717931.944	72.420
TL30	35590.220	3717702.339	72.213
TL31	35643.167	3717710.160	72.240
TL32	35649.317	3717700.135	72.630
TL33	35631.645	3717700.466	72.640
TL34	35672.527	3717703.434	72.715
TL35	35677.475	3717704.138	72.730
TL36	35675.362	3717714.466	72.520
TL37	35768.684	3717727.758	72.950
TL38	35770.182	3717717.317	73.160

Point	X	Y	Z (TYL)
P1	35599.641	3717736.658	72.830
P2	35629.342	3717730.883	72.830
P3	35591.192	3717786.060	72.830
P4	35620.863	3717780.285	72.830
P5	35590.488	3717791.011	73.060
P6	35620.159	3717785.235	73.060
P7	35582.038	3717850.413	73.060
P8	35611.740	3717854.637	73.060
P9	35581.334	3717905.363	73.290
P10	35611.035	3717859.587	73.290
P11	35572.885	3717914.765	73.290
P12	35602.586	3717918.990	73.290
P13	35572.181	3717919.715	73.520
P14	35601.882	3717923.940	73.520
P15	35563.732	3717979.117	73.520
P16	35593.433	3717983.342	73.520
P17	35561.301	3717991.088	73.670
P18	35591.603	3717996.212	73.670
P19	35557.677	3718021.680	73.670
P20	35587.378	3718025.913	73.670
P21	35684.784	3717738.769	72.830
P22	35714.485	3717742.993	72.830
P23	35676.335	3717798.171	72.830
P24	35706.036	3717802.395	72.830
P25	35675.631	3717803.121	73.060
P26	35705.332	3717807.346	73.060
P27	35667.182	3717862.523	73.060
P28	35696.883	3717866.748	73.060
P29	35666.477	3717867.473	73.290
P30	35696.179	3717871.698	73.290
P31	35658.028	3717926.875	73.290
P32	35687.729	3717931.100	73.290
P33	35657.324	3717931.826	73.520
P34	35687.025	3717936.050	73.520
P35	35648.875	3717991.228	73.520
P36	35678.576	3717995.452	73.520
A1	35701.077	3717656.515	73.190
A2	35697.470	3717636.296	73.190
A3	35730.859	3717660.121	73.190
A4	35727.252	3717639.903	73.190
A5	35760.642	3717663.728	73.190
A6	35757.035	3717643.510	73.190

LEGEND:

- EFS — EXISTING FOUL SEWER
- ESW — EXISTING STORMWATER
- EW — EXISTING WATER
- SW — STORMWATER
- W — DOMESTIC WATER
- FS — SEWER
- SEWER MANHOLE
- FW — FIRE WATER
- VALVE
- FIRE HYDRANT
- END CAP
- 80mm CONCRETE BLOCK PAVING

NOTES:

Water:
1. Thrust block design to SABS 1200 L.
2. The contractor must refer and adhere to the CoCT standard specifications and drawings.
3. Water lines must be tested under engineers supervision prior to connection to existing water mains.
4. Cover to all water mains: In sidewalk - min 0.75m, max 1.25m.
   In roadway - min 1.00m, max 1.25m.
5. All valves to be anticlockwise closing, Class 16, C.I. wedge type gate valves with non-rising spindle.
6. All water mains to be uPVC Class 16.
7. Valves and hydrants to be installed opposite erf boundaries or building corners.

Sewer:
1. The contractor must refer and adhere to the CoCT standard specifications and drawings.
2. All sewer pipes must be uPVC class 34 high density pipes.
3. Sewer manholes must precast concrete ring type manholes.
4. All backdrops to be internal, no external backdrops will be allowed.
5. The contractor must liaise with the responsible service providers with respect to affected services and the protection thereof.

Stormwater:
1. Stormwater pipes shall be class 100D.
2. All stormwater manhole covers & frames to be type 2B.
3. Stormwater gratings & frames in roadways to be heavy duty 600x450; type C.
4. All stormwater pipes to be spigot and socket precast concrete.
5. Concrete encasement must be used under buildings and roadways, for pipes <450mm diameter, when the crown protrudes into the road layerworks. (Base or Subbase).
6. All headwalls must have erosion protection at outlets as per the standard details.
7. All subsoil drains must have inspection eyes at starts, ends and junctions.

General:
1. All work to be constructed in accordance with local authority requirements & SABS 1200 series.
2. All existing levels to be verified on site prior to construction.
3. Contractor to verify position and level of existing services prior to construction of tie-in pipelines.
4. Refer to Architects and Mechanical Engineers layouts and details for internal water, fire and sewer reticulation.

FINISHED ROAD LEVEL
- 40mm ASPHALT SURFACING
- 150mm C2 BASECOURSE COMPACTED TO 100% MOD AASHTO DENSITY
- 150mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY
- 150mm CEMENT STABILISED G5 (C4 LAYER) SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - RUNWAY, TAXI LANES AND RUNOFF LANES

FINISHED SLAB LEVEL
- 150mm RC SLAB
- 250mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - HANGER AND AMO BUILDINGS

FINISHED SLAB LEVEL
- 125mm RC SLAB
- 150mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - CLUB HOUSE AREA

FINISHED SLAB LEVEL
- 150mm RC SLAB
- 150mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - FUEL PLANT AREA

FINISHED ROAD LEVEL
- 80mm CONCRETE PAVERS
- 20mm SAND BEDDING
- 150mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY
- 150mm CEMENT STABILISED G5 (C4 LAYER) SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - APRONS, STANDING AREA AND FUEL FILLING AREA

FINISHED ROAD LEVEL
- 70mm CONCRETE PAVERS
- 20mm SAND BEDDING
- 150mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - ENTRANCE ROAD, SERVICES AND PARKING AREAS

FINISHED ROAD LEVEL
- 80mm CONCRETE PAVERS
- 20mm SAND BEDDING
- 250mm G5 SUBBASE COMPACTED TO 98% MOD AASHTO DENSITY

BULK EARTHWORKS LEVEL
- 200mm INSITU COMPACTED TO 95% MOD AASHTO DENSITY (100% FOR SAND)

LAYERWORKS - FUEL TRUCK ROAD

REV	DESCRIPTION	DATE
L	STRUCTURAL GRIDS ADDED.	24.03.2026
K	AERODROME ROTATED FOR NEXT ERF.	16.03.2026
J	AERODROME SHIFTED 30m.	15.03.2026
I	LEVELS AMENDED, CO-ORDS ADDED.	11.03.2026
H	PHASING AMENDED, CO-ORDS ADDED.	09.03.2026
G	FUEL AMENDED, COORDS & LAYERWORKS	03.03.2026

ICON Consulting Engineers
Tel: +2782 491 9814
Email: info@iconeng.co.za

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CLIENT:
ATLANTIC AERODROME

PROJECT DESCRIPTION:
ATLANTIC AERODROME KALBASKRAAL

DRAWING TITLE:
CIVIL LAYOUT OF RUNWAY, TAXI AREAS AND ROADS

SIGNED: Pr. Eng NUMBER:	970464
SCALE:	1:1000 @ A0
CHECKED:	B. RUTHERFORD
DESIGNED:	N. JORDAAN
DRAWN:	N. JORDAAN
DATE:	FEBRUARY 2026

DRAWING NUMBER: **260101-C001-01**

REVISION: **L**