

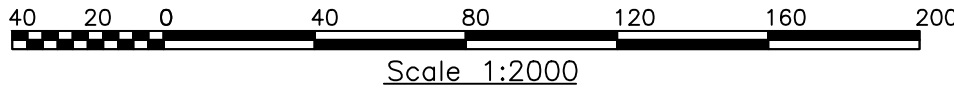
LEGEND:

- BUILDING LAYOUT 1
- BUILDING LAYOUT 2
- BUILDING LAYOUT 3
- BUILDING LAYOUT 4
- BUILDING LAYOUT 5
- FUTURE FROGS HOLLOW FLYING / MODEL CLUB PRECINCT
- PROPOSED WIND INDICATOR

- GENERAL NOTES:**
- PROPOSED RUNWAY LENGTHS
 - RUNWAY 18/36 = 1000m (REALIGNED TO THE WEST BY APPROX. 15m)
 - RUNWAY 09/27 = 700m (EXTENDED APPROX. 18m TO THE EAST)
 - PROPOSED RUNWAY WIDTHS
 - RUNWAY 18/36 = 15.0m
 - RUNWAY 09/27 = 10.0m
 - PROPOSED RUNWAY STRIP WIDTHS
 - RUNWAY 18/36 = 30.0m
 - RUNWAY 09/27 = 30.0m
 - PROPOSED MARKER SPACING
 - RUNWAY 18/36 = 50m
 - RUNWAY 09/27 = 50m
 - PROPOSED ACCESS ROAD
 - 20m ACCESS ROAD WIDTH CONSISTING OF 8m SEALED PAVEMENT AND 6m UNSEALED SHOULDERS EITHER SIDE OF SEALED PAVEMENT
 - PRINCES HIGHWAY TO INTERSECTION LENGTH = 650m
 - AIRFIELD ACCESS LENGTH = 2150m
 - PROPOSED AIRCRAFT TIE-DOWN AREA IS 150m IN LENGTH
 - GENERAL LAYOUT HAS BEEN DEVELOPED TO ALIGN WITH THE AUSTRALIAN CIVIL AVIATION AUTHORITY: CIVIL AVIATION ADVISORY PUBLICATION (CAAP) NUMBER 92-1(1), GUIDELINES FOR AEROPLANE LANDING AREAS (JULY 1992)
 - CIVIL AVIATION AUTHORITY OF NEW ZEALAND ADVISORY CIRCULAR AC139-7 & AC91-15, AERODROME STANDARDS AND REQUIREMENTS - AEROPLANES AT OR BELOW 5700KG MCTWO - NON-AIR TRANSPORT OPERATIONS REV 4 (18 DECEMBER 2009) SUGGESTS THE FOLLOWING MINIMUM SEPARATION DISTANCES SHOULD BE ADOPTED:
 - DISTANCE BETWEEN RUNWAY CENTRE LINE AND TAXIWAY CENTRELINE > 37.50m
 - DISTANCE BETWEEN TAXIWAY CENTRELINE AND FIXED OBJECT > 16.25m
 - AC139-7 & AC91-15 ARE NOT DIRECTLY APPLICABLE TO AUSTRALIAN AVIATION, HOWEVER DOES PROVIDE AN ADDITIONAL GUIDE - CURRENT SEPARATION DISTANCES:
 - DISTANCE BETWEEN RUNWAY CENTRE LINE AND TAXIWAY CENTRELINE = 18.00m
 - DISTANCE BETWEEN TAXIWAY CENTRELINE AND FIXED OBJECT = 19.25m
 - BUILDING LAYOUT TYPES 1 AND 2 HAVE BEEN MODELLED 30m FROM THE RUNWAY CENTRELINE AT THE INNER EDGE OF THE TRANSITIONAL SURFACE
 - AIRFIELD PROPERTY AREA APPROXIMATELY = 40.4ha
 - PROPERTY BOUNDARIES APPROXIMATE ONLY AND HAVE BEEN TRACED FROM NSW GOVERNMENT LAND AND PROPERTY INFORMATION'S SPATIAL INFORMATION EXCHANGE (SIX MAPS)
 - AERIAL PHOTOGRAPHY OBTAINED FROM SIX MAPS

FOR DISCUSSION

CONCEPT ONLY
NOT FOR CONSTRUCTION



Revision	Amendment	Approved	Revision Date
A	CONCEPT ISSUE	JJR	20/02/15



Drawn	Designed	Approved	Revision Date
JJR			20/02/15
Project No.	Scale		
JJR-2150131A	1:2000 (A1), 1:4000 (A3)		

Project	SPORTS AVIATION FLIGHT COLLEGE AUSTRALIA LTD FROGS HOLLOW ESTATE MASTER PLAN
Sheet	AIRFIELD / AEROPLANE LANDING AREA PROPOSED INFRASTRUCTURE LAYOUT - STAGE 1
Drawing No.	SK-003
Sheet No.	002
Revision	A