

LEGEND

- LOWEST SURVEYED SLOPE
- GROUND LEVEL
- - - MOST LIMITING OBSTACLE
- ① OBSTACLE

DECLARED DISTANCES FOR RUNWAY 11

TAKE OFF RUN AVAILABLE (TORA)	3354m (11004')
TAKE OFF DISTANCE AVAILABLE (TODA)	3444m (11299') (SEE NOTE BELOW)
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	3354m (11004')
LANDING DISTANCE AVAILABLE (LDA)	3354m (11004')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	3086m (10124') 1.6%, 3262m (10702') 1.9%, 3267m (10718') 2.0%, 3276m (10748') 2.2%, 3288m (10787') 2.5%, 3311m (10862') 3.3%, 3337m (10948') 5.0%

NOTE:
A SIGN IS LOCATED IN THE CLEARWAY, THEREFORE THE TODA GRADIENT CANNOT BE PUBLISHED

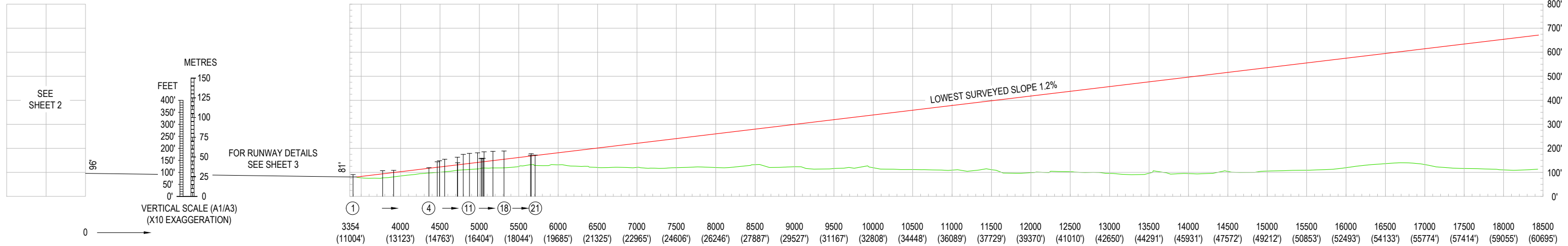
NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 52 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

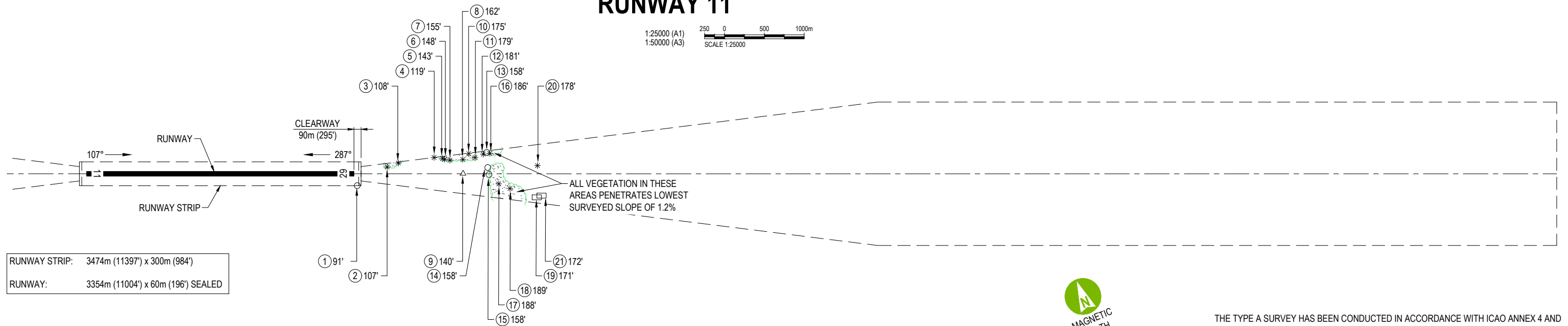
AERONAUTICAL INFORMATION SERVICE - AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 2° 15' E (MARCH 2024)
- AERIAL SURVEY COMPLETED AUGUST 2023.
GROUND SURVEY CHECKS AND VERIFICATION NOVEMBER 2023.

LEGEND

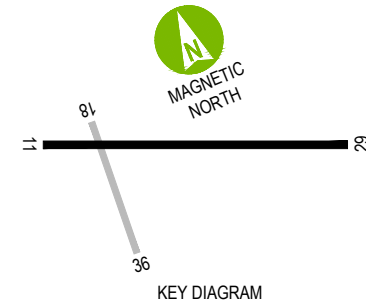
- OBSTRUCTIONS AND OBSTACLES**
- ① OBJECT NUMBER
 - 392' TOP ELEVATION IN FEET
 - TREE(S) OR VEGETATION
 - BUILDING OR LARGE STRUCTURE
 - POLE, TOWER, SPIRE ETC
 - △ ANTENNA
 - MOVING (ROADS, RAILWAY TRACKS ETC)
 - TERRAIN PENETRATING LOWEST SURVEYED SLOPE
 - OVERHEAD TRANSMISSION LINE
 - FENCE LINE
 - FOREST AREAS PENETRATING LOWEST SURVEYED SLOPE



RUNWAY 11



RUNWAY STRIP: 3474m (11397') x 300m (984')
 RUNWAY: 3354m (11004') x 60m (196') SEALED



THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

[Signature]
 DANIEL GEEVES
 REGISTERED SURVEYOR
 aurecon
 DATE 12/11/2024



CLIENT

Australian Government
 Department of Defence
 Security and Estate Group

REV	DATE	REVISION DETAILS	APPROVED
A	14.10.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

SCALE AS SHOWN SIZE A1/A3

FOR ISSUE NOT FOR CONSTRUCTION

APPROVED *[Signature]* DATE 12/11/2024

DANIEL GEEVES

PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF BASE DARWIN						
TITLE	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 11 - SHEET 1 OF 6						
DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
520002	EST09759	DRG	UU	DAR	002	B	

DECLARED DISTANCES FOR RUNWAY 29	
TAKE OFF RUN AVAILABLE (TORA)	3354m (11004')
TAKE OFF DISTANCE AVAILABLE (TODA)	3444m (11299') 1.0%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	3354m (11004')
LANDING DISTANCE AVAILABLE (LDA)	3354m (11004')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	N/A

LEGEND	
	LOWEST SURVEYED SLOPE
	GROUND LEVEL
	MOST LIMITING OBSTACLE
	OBSTACLE

NOTES

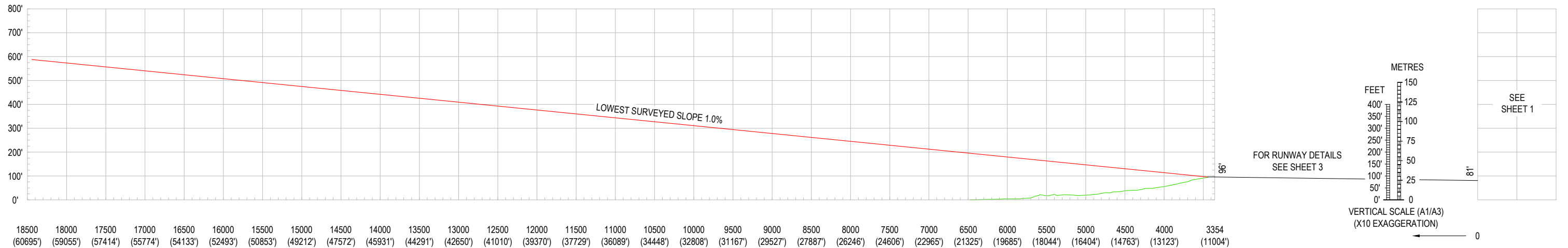
- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 52 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

AERONAUTICAL INFORMATION SERVICE - AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 2° 15' E (MARCH 2024)
- AERIAL SURVEY COMPLETED AUGUST 2023.
GROUND SURVEY CHECKS AND VERIFICATION NOVEMBER 2023.

LEGEND

OBSTRUCTIONS AND OBSTACLES	
	OBJECT NUMBER
	TOP ELEVATION IN FEET
	TREE(S) OR VEGETATION
	BUILDING OR LARGE STRUCTURE
	POLE, TOWER, SPIRE ETC
	ANTENNA
	MOVING (ROADS, RAILWAY TRACKS ETC)
	TERRAIN PENETRATING LOWEST SURVEYED SLOPE
	OVERHEAD TRANSMISSION LINE
	FENCE LINE

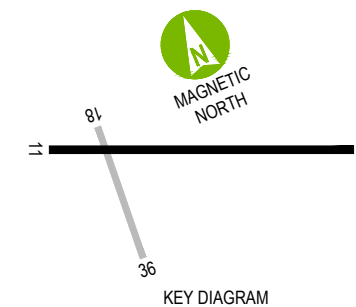
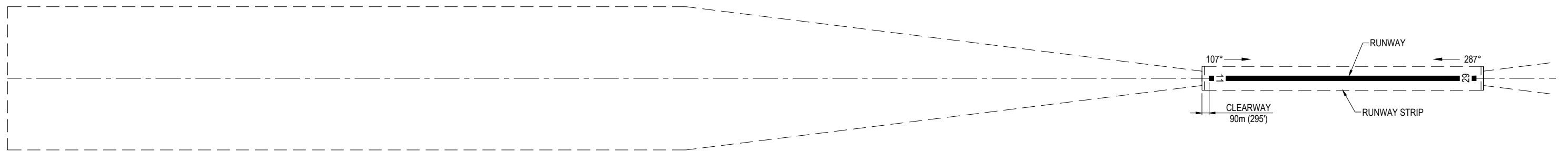
NO OBJECTS APPEAR ON THE CHART



RUNWAY 29

1:25000 (A1)
1:50000 (A3)
SCALE 1:25000

RUNWAY STRIP:	3474m (11397') x 300m (984')
RUNWAY:	3354m (11004') x 60m (196') SEALED



THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

[Signature]
DANIEL GEEVES
REGISTERED SURVEYOR
aurecon
12/11/2024
DATE



REV	DATE	REVISION DETAILS	APPROVED
A	14.10.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

SCALE	SIZE	FOR ISSUE
AS SHOWN	A1/A3	NOT FOR CONSTRUCTION
DRAWN	MH	APPROVED
SURVEYED	KI/AD/AAM	DATE 12/11/2024
CHECKED	GH	DANIEL GEEVES

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF BASE DARWIN	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 29 - SHEET 2 OF 6	520002	EST09759	DRG	UU	DAR	003	B	

DECLARED DISTANCES FOR RUNWAY 18	
TAKE OFF RUN AVAILABLE (TORA)	1524m (5000')
TAKE OFF DISTANCE AVAILABLE (TODA)	1584m (5197') 2.34%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1524m (5000')
LANDING DISTANCE AVAILABLE (LDA)	1524m (5000')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	1523m (4996') 1.6%, 1553m (5095') 1.9%, 1561m (5121') 2.0%, 1575m (5167') 2.2%

- LEGEND**
- LOWEST SURVEYED SLOPE
 - GROUND LEVEL
 - - - MOST LIMITING OBSTACLE
 - ① OBSTACLE

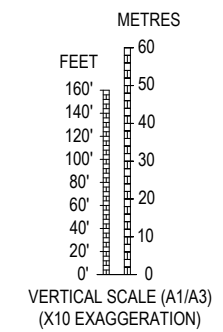
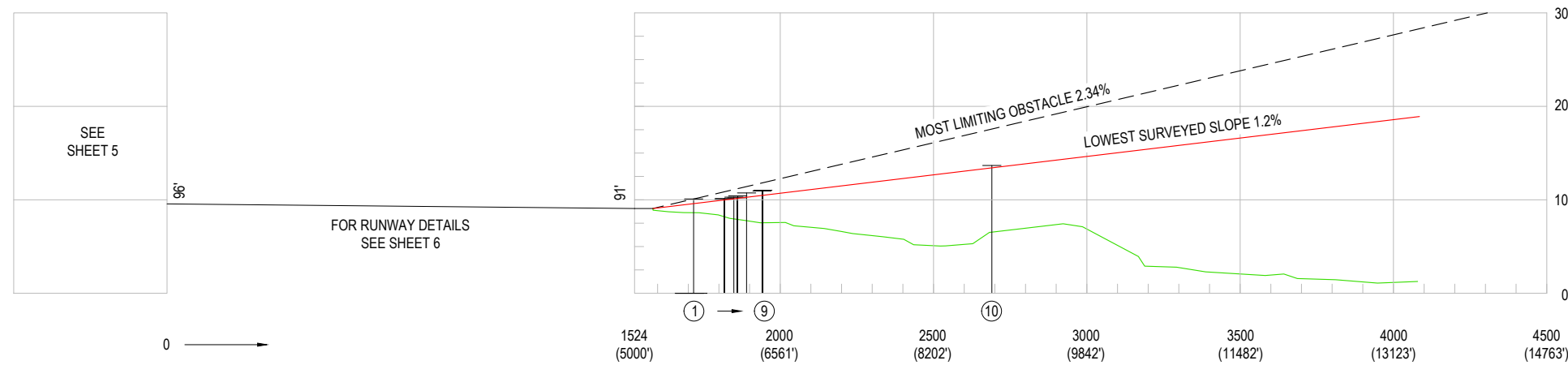
NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA2020) ZONE 52 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

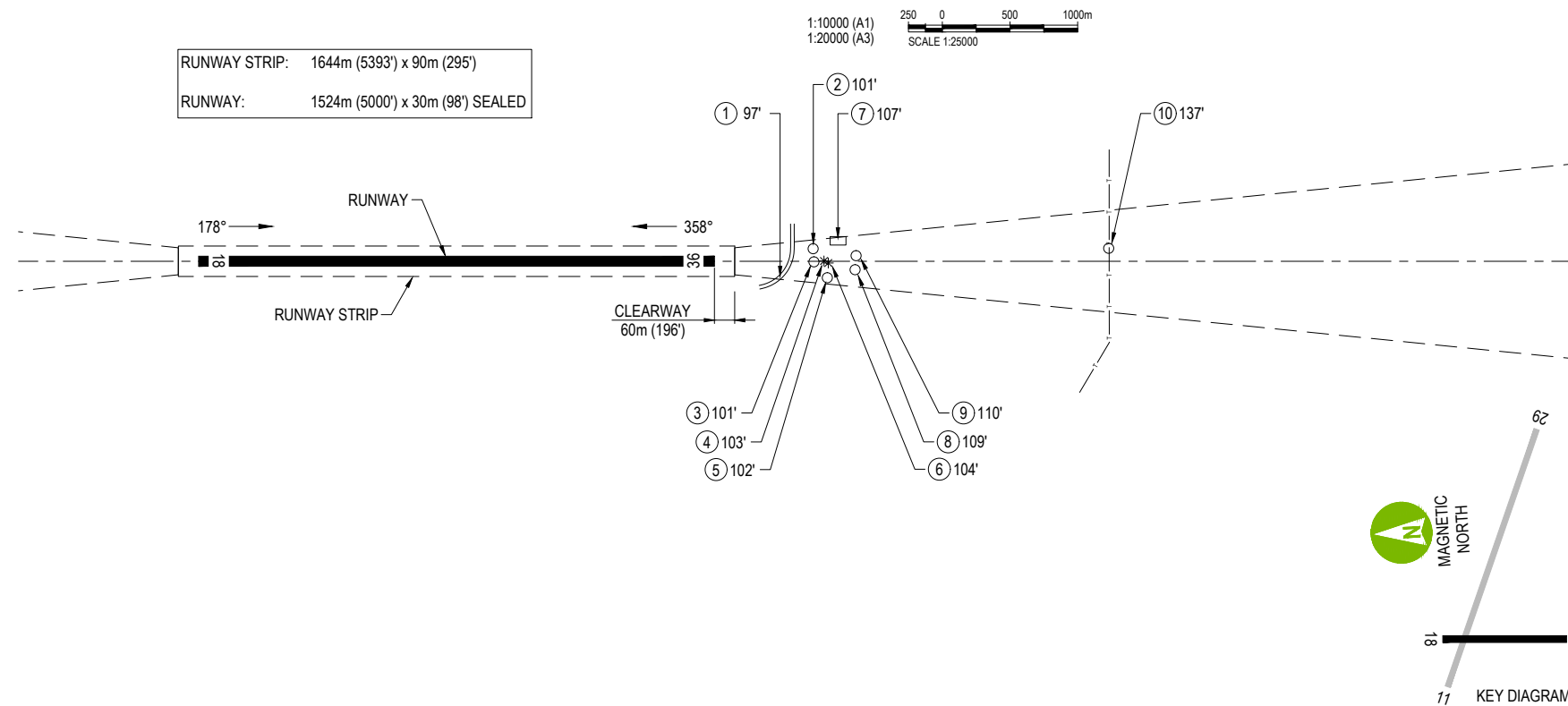
AERONAUTICAL INFORMATION SERVICE - AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 2° 15' E (MARCH 2024)
- AERIAL SURVEY COMPLETED AUGUST 2023.
GROUND SURVEY CHECKS AND VERIFICATION NOVEMBER 2023.

LEGEND

- OBSTRUCTIONS AND OBSTACLES**
- ① OBJECT NUMBER
 - 392' TOP ELEVATION IN FEET
 - TREE(S) OR VEGETATION
 - BUILDING OR LARGE STRUCTURE
 - POLE, TOWER, SPIRE ETC
 - △ ANTENNA
 - MOVING (ROADS, RAILWAY TRACKS ETC)
 - TERRAIN PENETRATING LOWEST SURVEYED SLOPE
 - OVERHEAD TRANSMISSION LINE
 - FENCE LINE



RUNWAY 18



RUNWAY 18 SURVEY HAS BEEN ASSESSED BASED ON THE FOLLOWING "CODE 2" TAKE-OFF PARAMETERS:
 LENGTH OF INNER EDGE - 80m
 RATE OF DIVERGENCE (EACH SIDE) - 10%
 FINAL WIDTH - 580m
 OVERALL LENGTH - 2500m

THE TYPE A SURVEY HAS BEEN CONDUCTED IN ACCORDANCE WITH ICAO ANNEX 4 AND DEPARTMENT OF DEFENCE REQUIREMENTS. THE CHART CLEARLY SHOWS THE GRAPHICAL RESULTS OF THE SURVEY AND HAS BEEN CHECKED FOR ACCURACY AND COMPLETENESS OF INFORMATION. THE CHART IS CERTIFIED CORRECT FOR PUBLICATION.

DANIEL GEEVES
 REGISTERED SURVEYOR
 aurecon
 DATE 12/11/2024



CLIENT

REV	DATE	REVISION DETAILS	APPROVED
A	14.10.24	FOR REVIEW	DG
B	12.11.24	FOR ISSUE	DG

SCALE	SIZE
AS SHOWN	A1/A3
DRAWN	
MH	
SURVEYED	
KI/AD/AAM	
CHECKED	
GH	

FOR ISSUE
 NOT FOR CONSTRUCTION

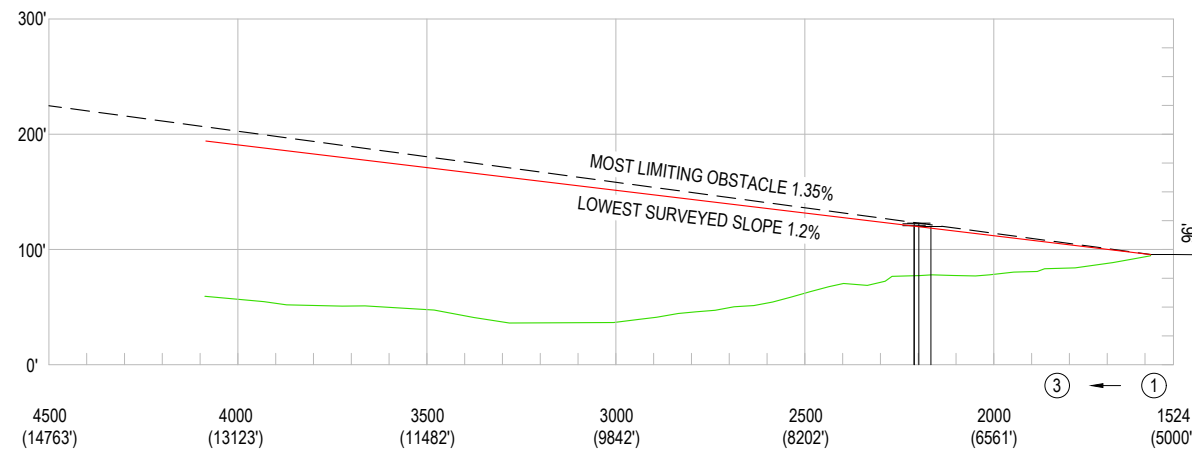
APPROVED

DANIEL GEEVES
 DATE 12/11/2024

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF BASE DARWIN	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 18 - SHEET 4 OF 6	520002	EST09759	DRG	UU	DAR	005	B	

DECLARED DISTANCES FOR RUNWAY 36	
TAKE OFF RUN AVAILABLE (TORA)	1524m (5000')
TAKE OFF DISTANCE AVAILABLE (TODA)	1584m (5197') 1.35%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	1524m (5000')
LANDING DISTANCE AVAILABLE (LDA)	1524m (5000')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	N/A

- LEGEND**
- LOWEST SURVEYED SLOPE
 - GROUND LEVEL
 - - - MOST LIMITING OBSTACLE
 - ① OBSTACLE

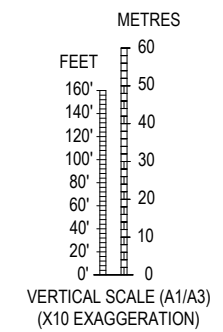


NOTES

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AERONAUTICAL INFORMATION SERVICE – AIR FORCE
EMAIL: AIS.AF@DEFENCE.GOV.AU
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- MAGNETIC VARIATION 2° 15' E (MARCH 2024)
- AERIAL SURVEY COMPLETED AUGUST 2023.
GROUND SURVEY CHECKS AND VERIFICATION NOVEMBER 2023.

LEGEND

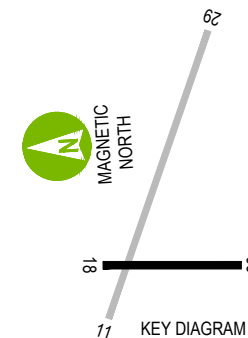
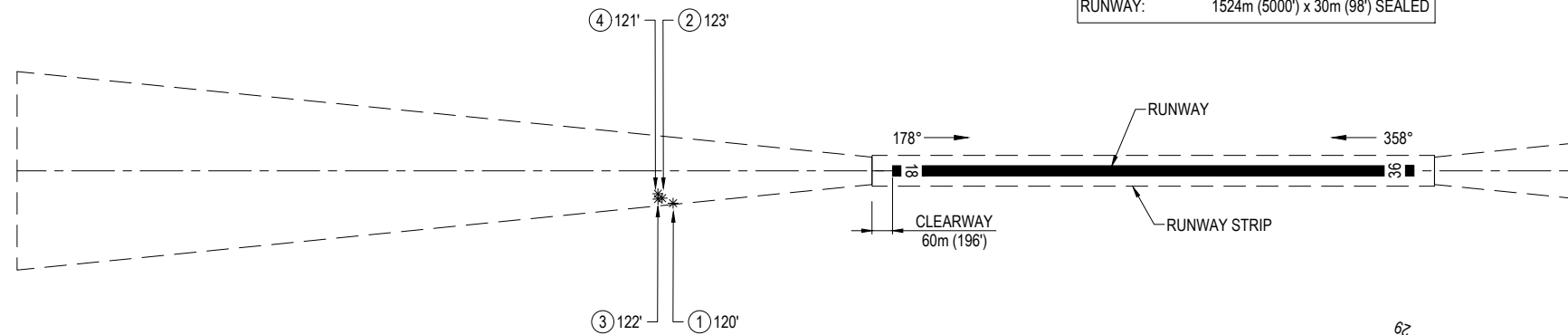
- OBSTRUCTIONS AND OBSTACLES**
- ① OBJECT NUMBER
 - 392' TOP ELEVATION IN FEET
 - TREE(S) OR VEGETATION
 - BUILDING OR LARGE STRUCTURE
 - POLE, TOWER, SPIRE ETC
 - △ ANTENNA
 - MOVING (ROADS, RAILWAY TRACKS ETC)
 - TERRAIN PENETRATING LOWEST SURVEYED SLOPE
 - OVERHEAD TRANSMISSION LINE
 - FENCE LINE



RUNWAY 36

1:25000 (A1) 250 0 500 1000m
1:50000 (A3) SCALE 1:25000

RUNWAY STRIP: 1644m (5393') x 90m (295')
RUNWAY: 1524m (5000') x 30m (98') SEALED



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[Signature]
DANIEL GEEVES
REGISTERED SURVEYOR
aurecon

12/11/2024
DATE

RUNWAY 36 SURVEY HAS BEEN ASSESSED BASED ON THE FOLLOWING "CODE 2" TAKE-OFF PARAMETERS:
LENGTH OF INNER EDGE - 80m
RATE OF DIVERGENCE (EACH SIDE) - 10%
FINAL WIDTH - 580m
OVERALL LENGTH - 2500m



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REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE	FOR ISSUE	PROJECT
A	14.10.24	FOR REVIEW	DG	AS SHOWN	A1/A3	NOT FOR CONSTRUCTION	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT RAAF BASE DARWIN
B	12.11.24	FOR ISSUE	DG				

DRAWN	APPROVED	DATE	TITLE
MH	<i>[Signature]</i>	12/11/2024	AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED NOVEMBER 2024 RUNWAY 36 - SHEET 5 OF 6

DRAWING No.	PROJECT No.	WBS	TYPE	DISC	SITE	NUMBER	REV
520002	EST09759	DRG	UU	DAR	006	B	

