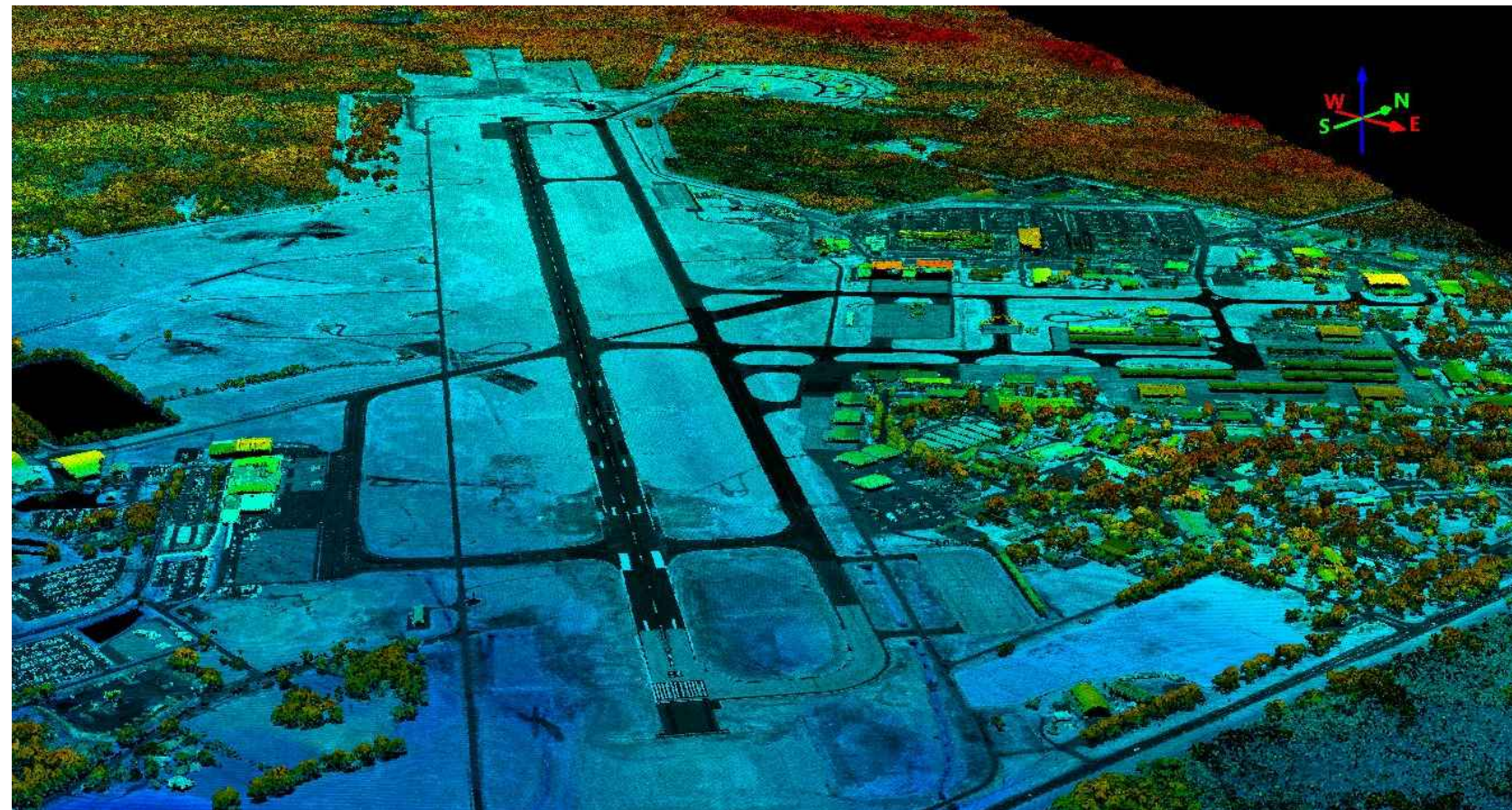


OBSTACLE LIMITATION SURVEYS AND ASSESSMENT

RAAF BASE WILLIAMTOWN AERODROME OBSTACLE CHART ICAO TYPE A
(OPERATING LIMITATIONS) ISSUED AUGUST 2017



REV	DATE	REVISION DETAILS	APPROVED
A	05.07.17	FINAL FOR REVIEW	
B	22.08.17	SIGNED FOR ISSUE	GG

SCALE	SIZE
AS SHOWN	A1/A3
DRAWN	
AM	
SURVEYED	
DGG / AAM	
CHECKED	
DGG	

SIGNED FOR ISSUE	DATE
NOT FOR CONSTRUCTION	22.08.17
	
GARRY GRAHAM	

PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT
TITLE	RAAF BASE WILLIAMTOWN AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED AUGUST 2017 COVER SHEET
DRAWING No.	PROJECT No. 248842 - WBS D21018 - TYPE DRG - DISC CV - NUMBER 001 - REV B

LEGEND

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

DECLARED DISTANCES FOR RUNWAY 12

TAKE OFF RUN AVAILABLE (TORA)	2778m (9114')
TAKE OFF DISTANCE AVAILABLE (TODA)	2838m (9311')
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	2778m (9114')
LANDING DISTANCE AVAILABLE (LDA)	2778m (9114')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA) -ARRESTOR BARRIER ERECTED -NET POLES 21 FEET ABOVE GROUND LEVEL	2478m (8129') 1.6%, 2531m (8303') 1.9%, 2545m (8349') 2.0%, 2570m (8431') 2.2%, 2600m (8530') 2.5%, 2656m (8713') 3.3%, 2716m (8910') 5.0%
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA) -ARRESTOR BARRIER RETRACTED -NET POLES 5 FEET ABOVE GROUND LEVEL	2653m (8704') 1.6%, 2727m (8946') 1.9%, 2747m (9012') 2.0%, 2778m (9114') 2.2%, 2785m (9137') 2.5%, 2798m (9179') 3.3%, 2812m (9225') 5.0%

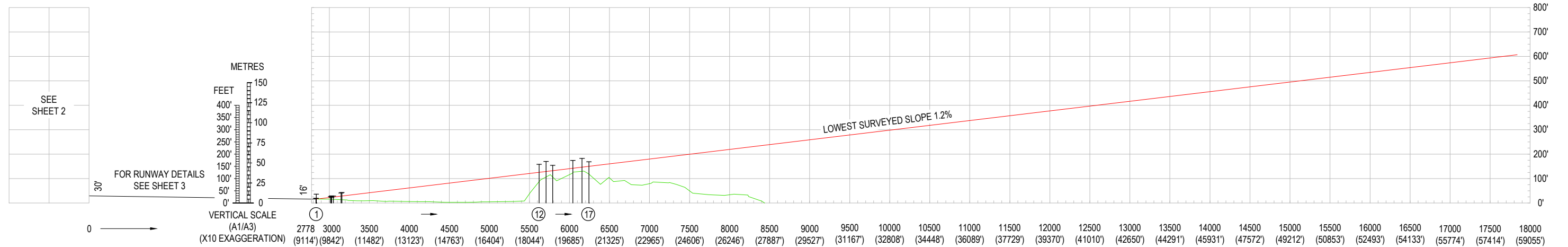
NOTES

- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 56 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 :-

PROJECT DIRECTOR
NATIONAL AIRFIELD PROJECT
BP26-1C-052
DEPARTMENT OF DEFENCE
CANBERRA ACT 2600
TEL: (02) 6266 8081
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 12°21' E (AUGUST 2017)
- AERIAL SURVEY COMPLETED OCTOBER 2016.
GROUND SURVEY CHECKS AND VERIFICATION APRIL 2017.

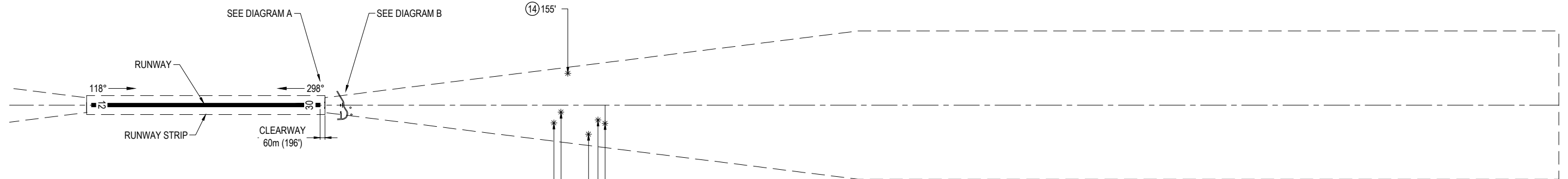
LEGEND

- OBSTRUCTIONS AND OBSTACLES**
- ① OBSTACLE 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

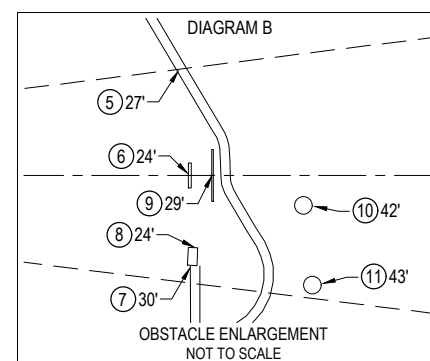
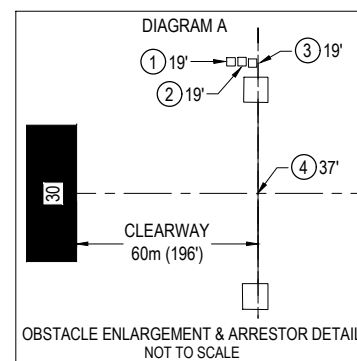


RUNWAY 12

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



RUNWAY STRIP: 2898m (9507') x 230m (754')
RUNWAY: 2778m (9114') x 45m (147') SEALED



12 ————— 30
KEY DIAGRAM

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
DANIEL GEEVES
REGISTERED SURVEYOR
aurecon

22/8/2017
DATE

REV	DATE	REVISION DETAILS	APPROVED
A	05.07.17	FINAL FOR REVIEW	
B	22.08.17	SIGNED FOR ISSUE	GG

SCALE	AS SHOWN	SIZE	A1/A3
DRAWN	AM	APPROVED	
SURVEYED	DGG / AAM	DATE	22.08.17
CHECKED	DGG	SIGNED FOR ISSUE	NOT FOR CONSTRUCTION

Garry Graham
GARRY GRAHAM

PROJECT	OBSTACLE LIMITATION SURVEYS AND ASSESSMENT				
TITLE	RAAF BASE WILLIAMTOWN AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED AUGUST 2017 RUNWAY 12 - SHEET 1 OF 3				
DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER
248842	D21018	DRG	CV	002	B

DECLARED DISTANCES FOR RUNWAY 30	
TAKE OFF RUN AVAILABLE (TORA)	2778m (9114')
TAKE OFF DISTANCE AVAILABLE (TODA)	2838m (9311') 2.93%
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	2778m (9114')
LANDING DISTANCE AVAILABLE (LDA)	2778m (9114')
SUPPLEMENTARY TAKE OFF DISTANCE AVAILABLE (STODA)	2204m (7230') 1.6%, 2432m (7979') 1.9%, 2492m (8175') 2.0%, 2594m (8510') 2.2%, 2714m (8904') 2.5%

NOTES

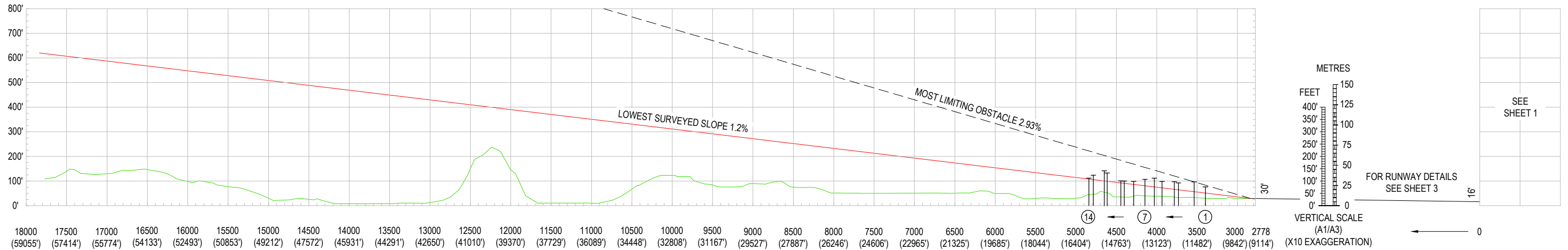
- AZIMUTH AND COORDINATES FOR THIS SURVEY ARE BASED ON MGA (GDA94) ZONE 56 THE VERTICAL DATUM BEING AHD.
- HORIZONTAL DIMENSIONS IN METRES (FEET) ELEVATIONS IN FEET
- USERS OF THIS CHART SHOULD NOTIFY ANY ERRORS OR OMISSIONS AS SOON AS THEY BECOME APPARENT TO :-

PROJECT DIRECTOR
NATIONAL AIRFIELD PROJECT
BP26-1C-052
DEPARTMENT OF DEFENCE
CANBERRA ACT 2600
TEL: (02) 6266 8081
- FOR FURTHER INFORMATION REGARDING THIS CHART CONTACT THE ABOVE
- MAGNETIC VARIATION 12°21' E (AUGUST 2017)
- AERIAL SURVEY COMPLETED OCTOBER 2016.
GROUND SURVEY CHECKS AND VERIFICATION APRIL 2017.

LEGEND

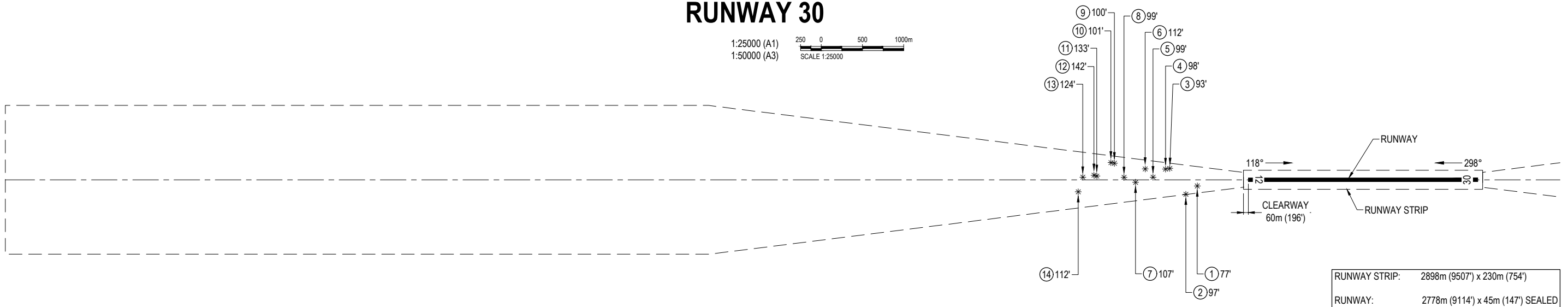
- LEGEND**
- LOWEST SURVEYED SLOPE
 - GROUND LEVEL
 - - - - - MOST LIMITING OBSTACLE
 - ① OBSTACLE

- OBSTRUCTIONS AND OBSTACLES**
- ① OBSTACLE 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

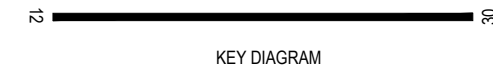


RUNWAY 30

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



RUNWAY STRIP: 2898m (9507') x 230m (754')
RUNWAY: 2778m (9114') x 45m (147') 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.

DANIEL GEEVES
REGISTERED SURVEYOR
aurecon
22/8/2017
DATE



CLIENT
Australian Government
Department of Defence
Estate and Infrastructure Group

REV	DATE	REVISION DETAILS	APPROVED
A	05.07.17	FINAL FOR REVIEW	
B	22.08.17	SIGNED FOR ISSUE	GG

SCALE	SIZE	SIGNED FOR ISSUE
AS SHOWN	A1/A3	NOT FOR CONSTRUCTION
DRAWN	AM	APPROVED
SURVEYED	DGG / AAM	DATE 22.08.17
CHECKED	DGG	GARRY GRAHAM

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC	NUMBER	REV
OBSTACLE LIMITATION SURVEYS AND ASSESSMENT	RAAF BASE WILLIAMTOWN AERODROME OBSTACLE CHART ICAO TYPE A (OPERATING LIMITATIONS) ISSUED AUGUST 2017 RUNWAY 30 - SHEET 2 OF 3	248842	D21018	DRG	CV	003	B	

