

SCHEMATIC DESIGN SKETCHES FOR PROPOSED WORKS

This attachment covers the following figures:

Site Plan No 33 Squadron Maintenance Complex

Taxiway and Runway works

Precinct Layout 9th Force Support Battalion

Primary High Voltage Distribution Layout Plan

Secondary High Voltage Distribution Layout Plan

Water Reticulation Layout Plan

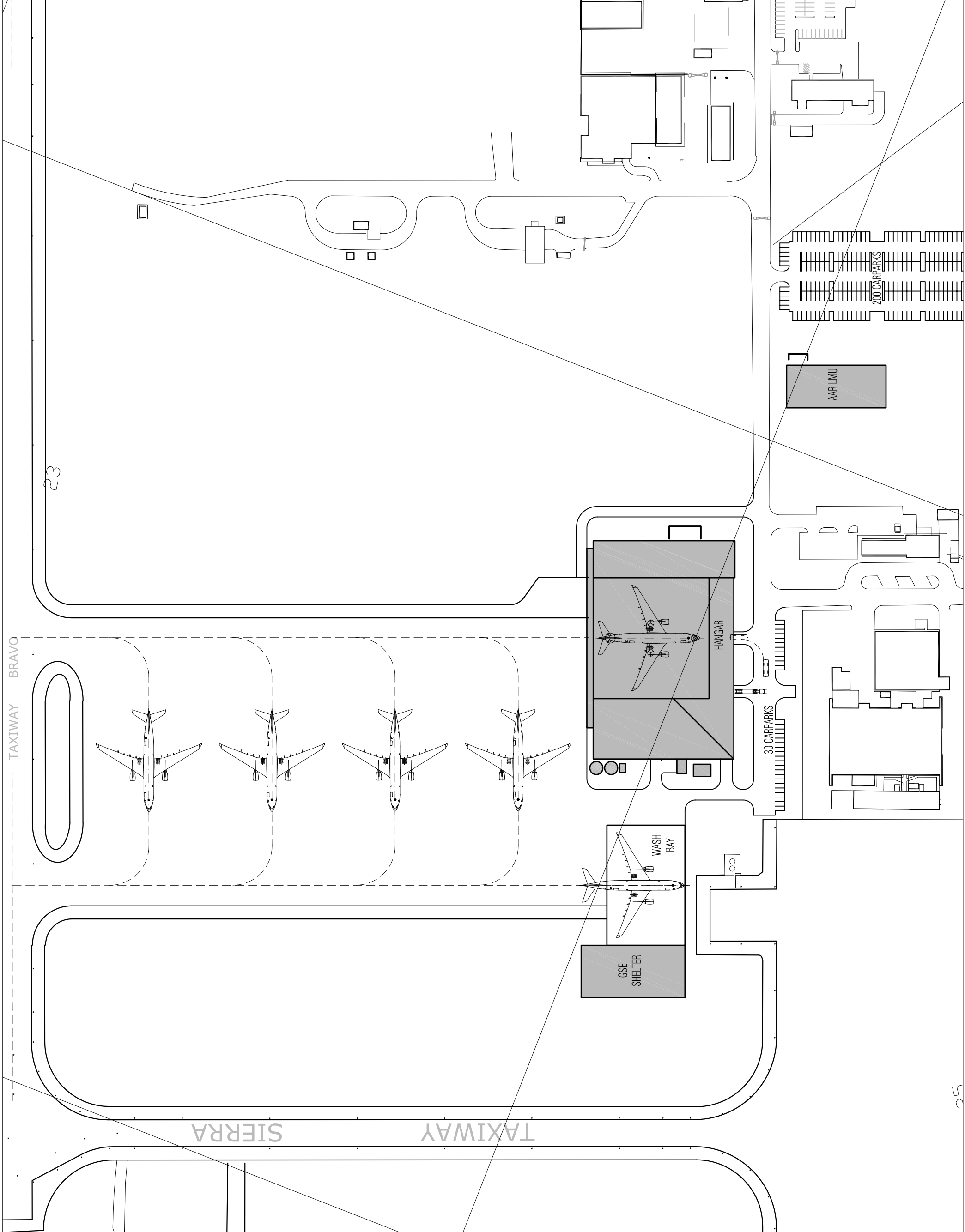
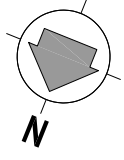
Sewerage Reticulation Layout Plan

Stormwater Drainage Layout Plan

Communications Infrastructure Layout Plan

Trunk Roads Layout Plan

10 20 30 40 50 60 70 80
SCALE AT A1
DO NOT SCALE DRAWING



5005	16/09/05	ASPHALT PAVEMENTS, ETC. SERVICES CONTRACTORS REMOVED	MM
5004	24/01/05	AAR LMU ADDED	MM
5003	16/09/04	CARPARKS RELOCATED AND ENLARGED	MM
5002	22/07/04	GENERAL REVISIONS	MM
5001	16/07/04	PRELIMINARY ISSUE	MM

REV.	DATE	DESCRIPTION	CONS. APPR.
CONSULTANT	REF.	M/JM	
DRAWN	NAME	SIGNATURE	DATE
DRAFTING CHECK			
ENG. DESIGN			
ENG. CHECK			
APPROVED			
Q.A. CHECK			
MC DESIGN MANAGER			
PROJ. CONSULTANT REP.			

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Department of Defence	
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Connell Wagner	
MANAGING CONTRACTOR	07 4691 4900
Leighton Contractors	
ACOUSTIC	07 3371 8444
Bossett Consulting Engineers	
AIRCRAFT PAVEMENTS	07 3244 7100
Sinclair Knight Merz	
AIRFIELD LIGHTING	07 3244 7100
Sinclair Knight Merz	
ARCHITECT	07 3221 3122
Woods Bagot	
AVIATION FUELLING	07 3257 2020
Tra Project Group	
BUILDING CERTIFIER	07 4772 1479
Development Certifications	
CIVIL ENGINEER	07 3510 7222
Bonaced Group	
COMMUNICATIONS & SECURITY	07 3568 3722
Berry Webb & Associates	
ELECTRICAL SERVICES	07 3371 8444
Bossett Consulting Engineers	
FIRE SERVICES	07 3371 8444
Bossett Consulting Engineers	
HYDRAULIC SERVICES	07 3846 3077
Structural Engineers	
MECHANICAL ENG.	07 3371 8444
Bossett Consulting Engineers	
STRUCTURAL ENGINEER	07 3510 7222
Bonaced Group	

**AMBERLEY STAGE 2
REDEVELOPMENT**
33 SQM MAINTENANCE
COMPLEX & HEADQUARTERS
SITE PLAN
1:1000 AT A1, APPROXIMATELY 1:2000 AT A3
DRAWING NO. Q929-B-WBAR-2001
REV. SD 05

ISSUE: STAGE 2 PRELIMINARY DESIGN

REV. DATE AMENDMENTS

KEY

- STAGE 1
- STAGE 2
- STAGE 3



CONSULTANT TEAM

ARCHITECT	- BLIGH VOLLER FIELD	07 3882 2525
STRUCTURAL & CIVIL	- BORNHORST AND WARD	07 3013 4699
MECHANICAL & ELECTRICAL	- BASSETT	07 3371 8444
HYDRAULICS	- MCKENDRY REIN PETERSEN	07 3387 7988
LANDSCAPE ARCHITECT	- EDNAW GILLESPIE	07 3226 0100
FIRE PROTECTION	- BASSETT	07 3371 8444
SECURITY & COMMUNICATIONS	- WEBB AUSTRALIA GROUP	07 3388 3722
BUILDING SURVEYOR	- PHILIP CHUN	07 3839 3499
WAREHOUSING	- MOVECORP	02 9247 7233
QUANTITY SURVEYOR	- WILDE AND WOOLLARD	07 3388 3050
ESD CONSULTANT	- THE TVS PARTNERSHIP	07 3831 2116

PROJECT
 AMBERLEY STAGE 2 REDEVELOPMENT
 RELOCATION OF 9 FSB

CLIENT
 DEPARTMENT OF DEFENCE

DRAWING TITLE
 PRECINCT LAYOUT
 RECOMMENDED OPTION

SCALE
 1:1250 @ B1, 1:3000 @ A3

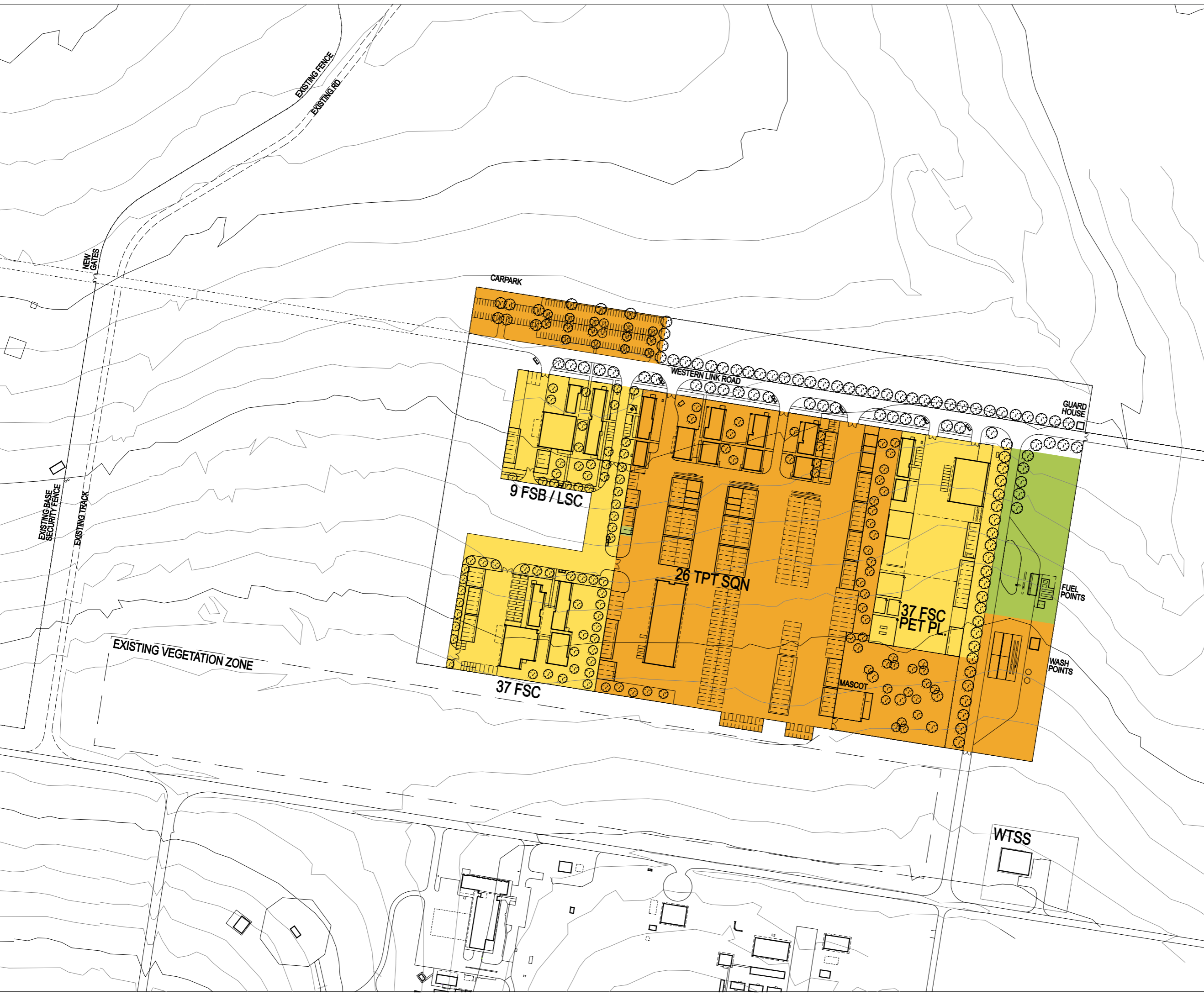
DATE FIRST CREATED
 SEP 04

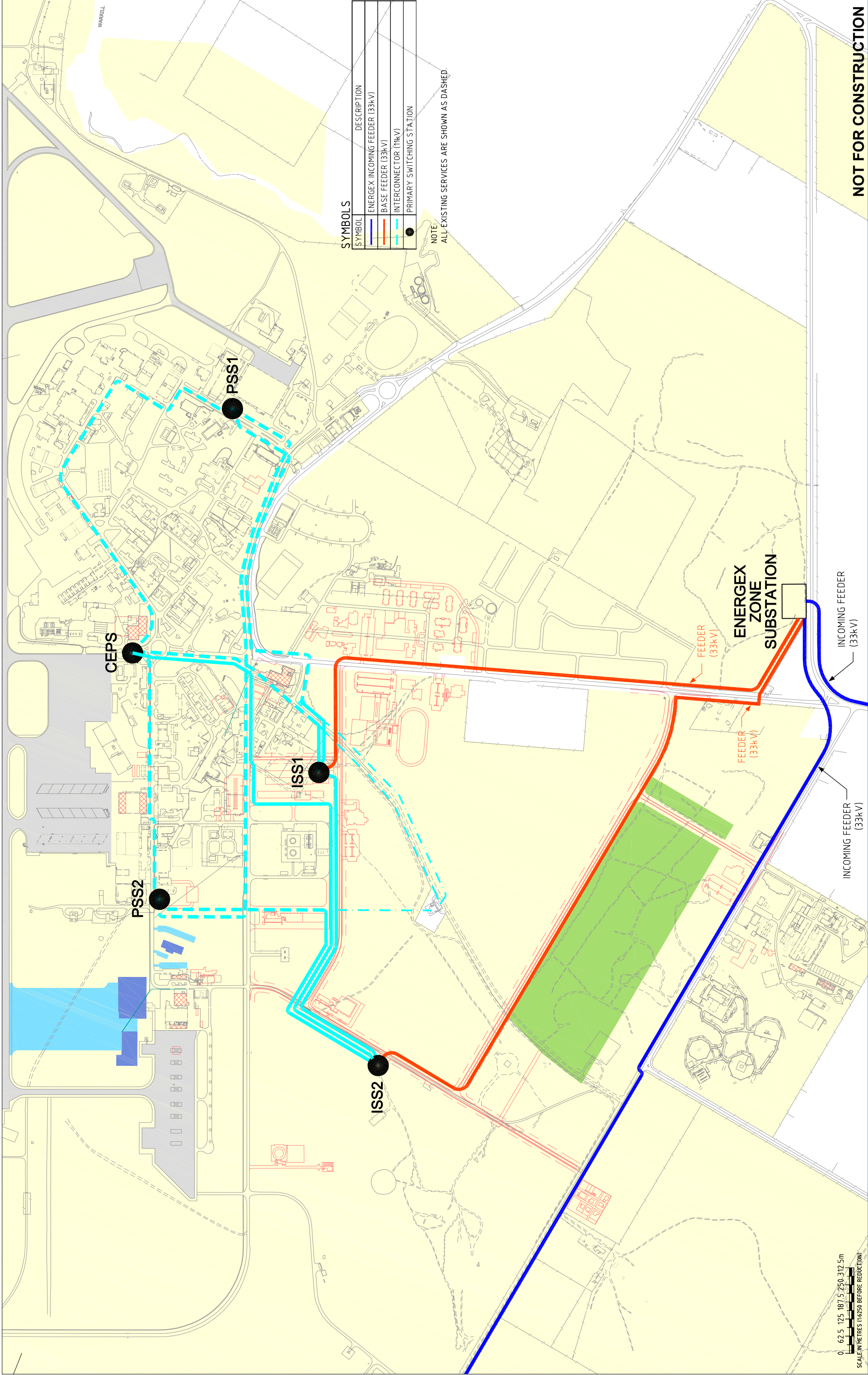
PROJECT NO
 B040717

PRECINCT
 PRECINCT

ISSUES	ISSUE	DISCIPLINE	ISSUE NO	REVISION
STG	SD	A	A13	1

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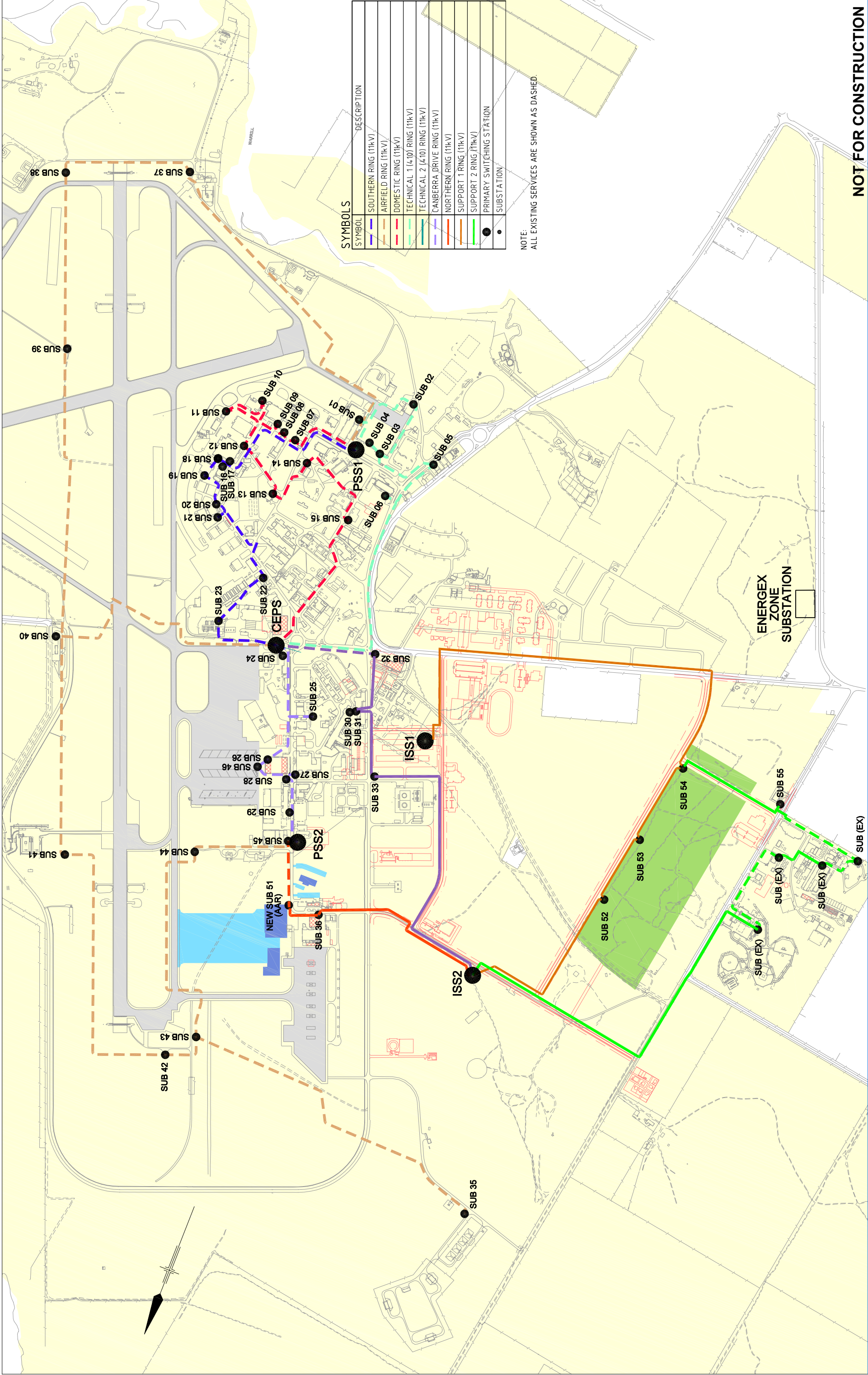
SYMBOLS

SYMBOL	DESCRIPTION
	ENERGEX INCOMING FEEDER (33kV)
	BASE FEEDER (33kV)
	INTERCONNECTOR (11kV)
	PRIMARY SWITCHING STATION

NOTE:
ALL EXISTING SERVICES ARE SHOWN AS DASHED.

NOT FOR CONSTRUCTION

<p>Australian Government Department of Defence Corporate Services & Infrastructure Group</p>		<p>Project Manager and Contract Administrator Cornell Wagner Cornell Wagner Pty Ltd ABN 54 005 139 873 433 Boundary St, (Level Bg 1800) Spring Hill Queensland 4004, Australia Email: oca@cwagner.com</p>		<p>Scale AS SHOWN Drawn D.GOODWIN Drafting DS Approved M.RINAUDO Date 19.1.05</p>		<p>DO NOT SCALE Designed D.SHANAL Design Check L.EB Approved M.RINAUDO Date 19.1.05</p>		<p>Client DEPARTMENT OF DEFENCE Project RAAF AMBERLEY STAGE 2 - TRUNK SERVICES (R7005) Title PRIMARY H.V. DISTRIBUTION LAYOUT PLAN Original Size A1 Drawing No. 41-13913-E901 Stage: SD Rev: A</p>	
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<p>DBC ISSUE</p>		<p>DWG DS Drawn Checked Approved</p>		<p>Date 19.1.05</p>		<p>Revision Note: * indicates signatures on original issue of drawing or last revision of drawing</p>		<p>Scale 1:6250 (BEFORE REDUCTION)</p>	

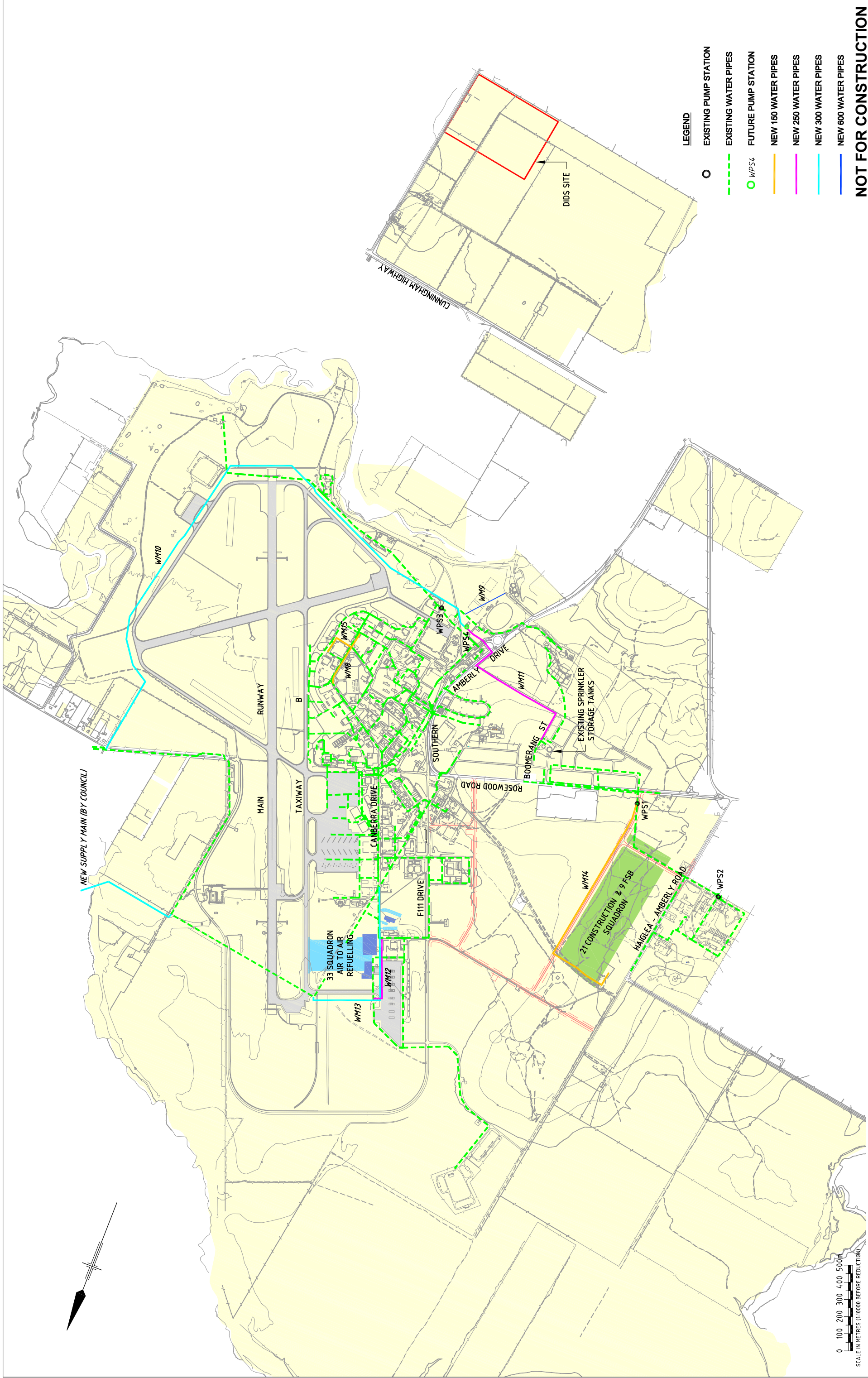


SYMBOL	DESCRIPTION
	SOUTHERN RING (11kV)
	AIRFIELD RING (11kV)
	DOMESTIC RING (11kV)
	TECHNICAL 1 (4'10' RING (11kV)
	TECHNICAL 2 (4'10' RING (11kV)
	CANBERRA DRIVE RING (11kV)
	NORTHERN RING (11kV)
	SUPPORT 1 RING (11kV)
	SUPPORT 2 RING (11kV)
	PRIMARY SWITCHING STATION
	SUBSTATION

NOTE:
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		Client DEPARTMENT OF DEFENCE Project RAAF AMBERLEY STAGE 2 - TRUNK SERVICES (R7005) Title SECONDARY H.V. DISTRIBUTION LAYOUT PLAN <small>Original Size A1</small>	
Scale NOT TO SCALE Drawn D. GOODWIN Drafting DS Check M. RINAUDO Date 19.1.05	DO NOT SCALE Designed D. SHANAL Design DS Check M. RINAUDO Date 19.1.05	Project Manager and Contract Administrator Connell Wagner Pty Ltd ABN 54 005 138 873 433 Boundary St, (Level 8) Spring Hill Queensland 4004, Australia Email: oconnell@connellwagner.com.au	
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A DBC ISSUE No Revision	DWG *DS Drawn Checked Approved	19.1.05 Date	19 January, 2005 - 1:04 PM Plot Date



LEGEND

- EXISTING PUMP STATION
- EXISTING WATER PIPES
- WPS4 FUTURE PUMP STATION
- NEW 150 WATER PIPES
- NEW 250 WATER PIPES
- NEW 300 WATER PIPES
- NEW 600 WATER PIPES

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<p>Client DEPARTMENT OF DEFENCE Project RAAF AMBERLEY STAGE 2 - TRUNK SERVICES (R7005) Title WATER RETICULATION LAYOUT PLAN</p>		<p>Scale AS SHOWN Drawn D.GOODWIN Drafting ADB Check M.RINAUDO Approved Date 19.1.05 <small>This Drawing must not be used for Construction unless signed as Approved</small></p>		<p>DO NOT SCALE Designed A.BADINI Design Check KKB Title WATER RETICULATION LAYOUT PLAN Original Size A1 Drawing No: 41-13913-W901 Stage: SD Rev: A</p>							
<p>DBC ISSUE</p>		<p>DWG *ADB *MAR 19.1.05 Drawn Checked Approved Date</p>		<p>No * Revision Note: * indicates signatures on original issue of drawing or last revision of drawing</p>		<p><small>Plot Date: 19 January, 2005 - 1:01 PM Plot File No: G:\4113913\Drawings\WATER 5: 41-13913-W901_SD_A.dwg</small></p>					

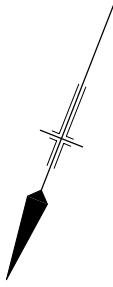
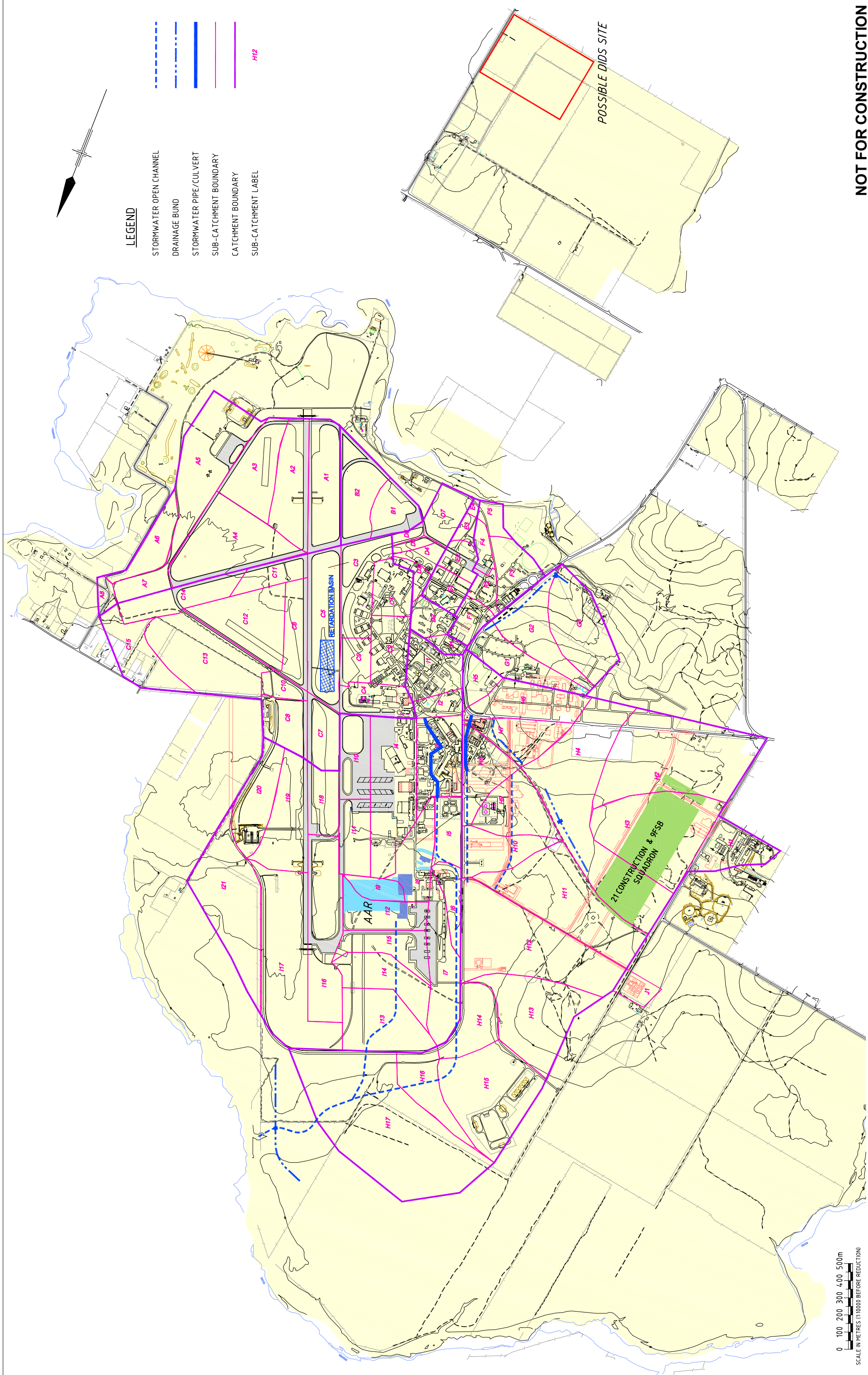


SCALE IN METRES (1:5000 BEFORE REDUCTION)

0 50 100 150 200 250m

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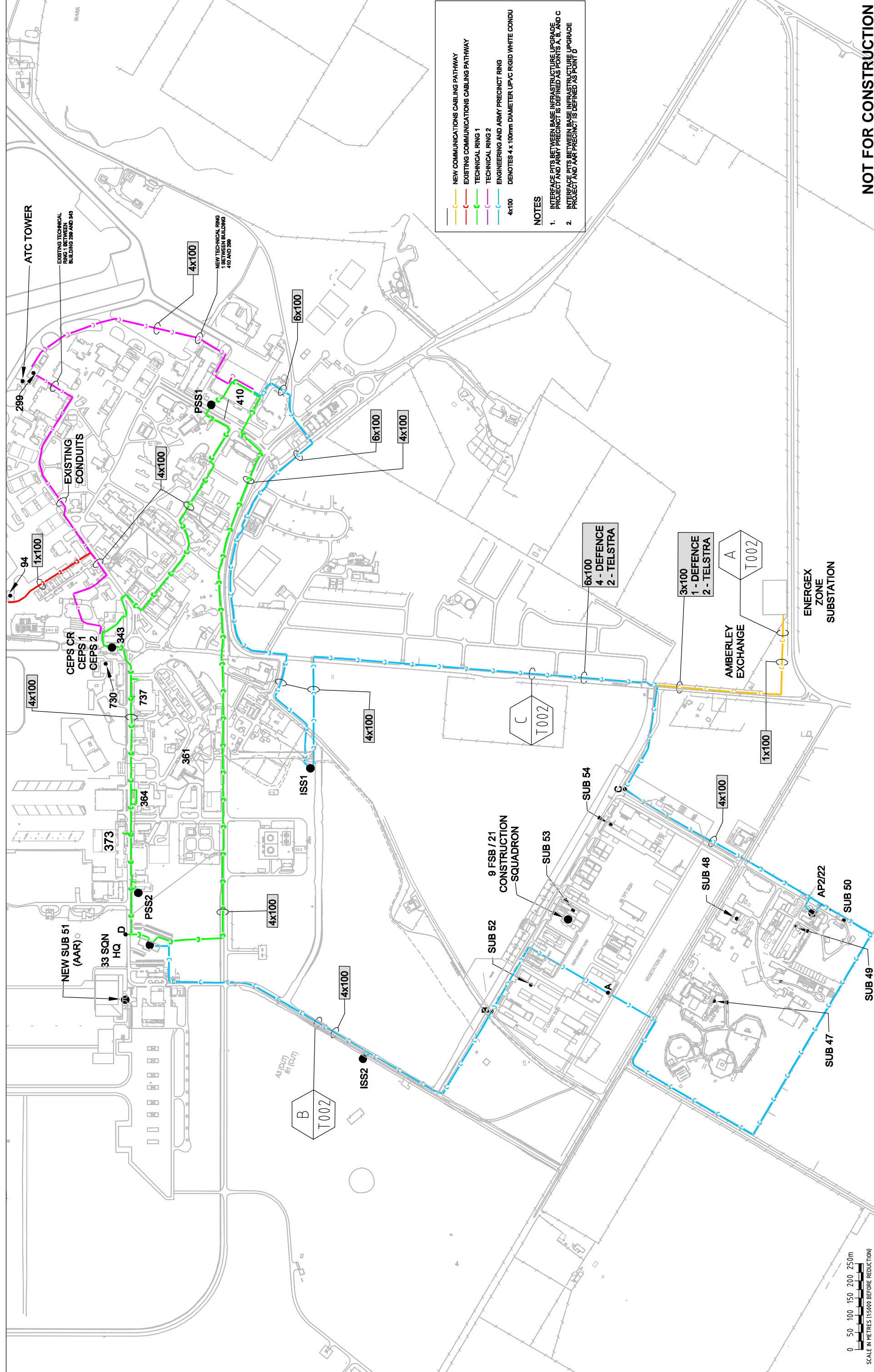
LEGEND

- STORMWATER OPEN CHANNEL
- DRAINAGE BUND
- STORMWATER PIPE/CULVERT
- SUB-CATCHMENT BOUNDARY
- CATCHMENT BOUNDARY
- SUB-CATCHMENT LABEL



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<p>DBC ISSUE</p>		<p>DWG CCK MAR 19.1.05</p>		<p>No. 1 Revision None * Indicates signatures on original issue of drawing or last revision of drawing</p>		<p>Drawn CCK Checked Approved Date 19.1.05</p>		<p>Per Date: 19 January, 2005 - 12:24 PM</p>		<p>Cad File No: G:\4113913\Drawings\STORMWATER\6.41-13913-H901_SD_A.dwg</p>			



LEGEND

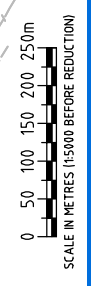
- NEW COMMUNICATIONS CABLING PATHWAY
- EXISTING COMMUNICATIONS CABLING PATHWAY
- TECHNICAL RING 1
- TECHNICAL RING 2
- ENGINEERING AND ARMY PRECINCT RING
- 4x100 DENOTES 4 x 100mm DIAMETER UPVC RIGID WHITE CONDUIT

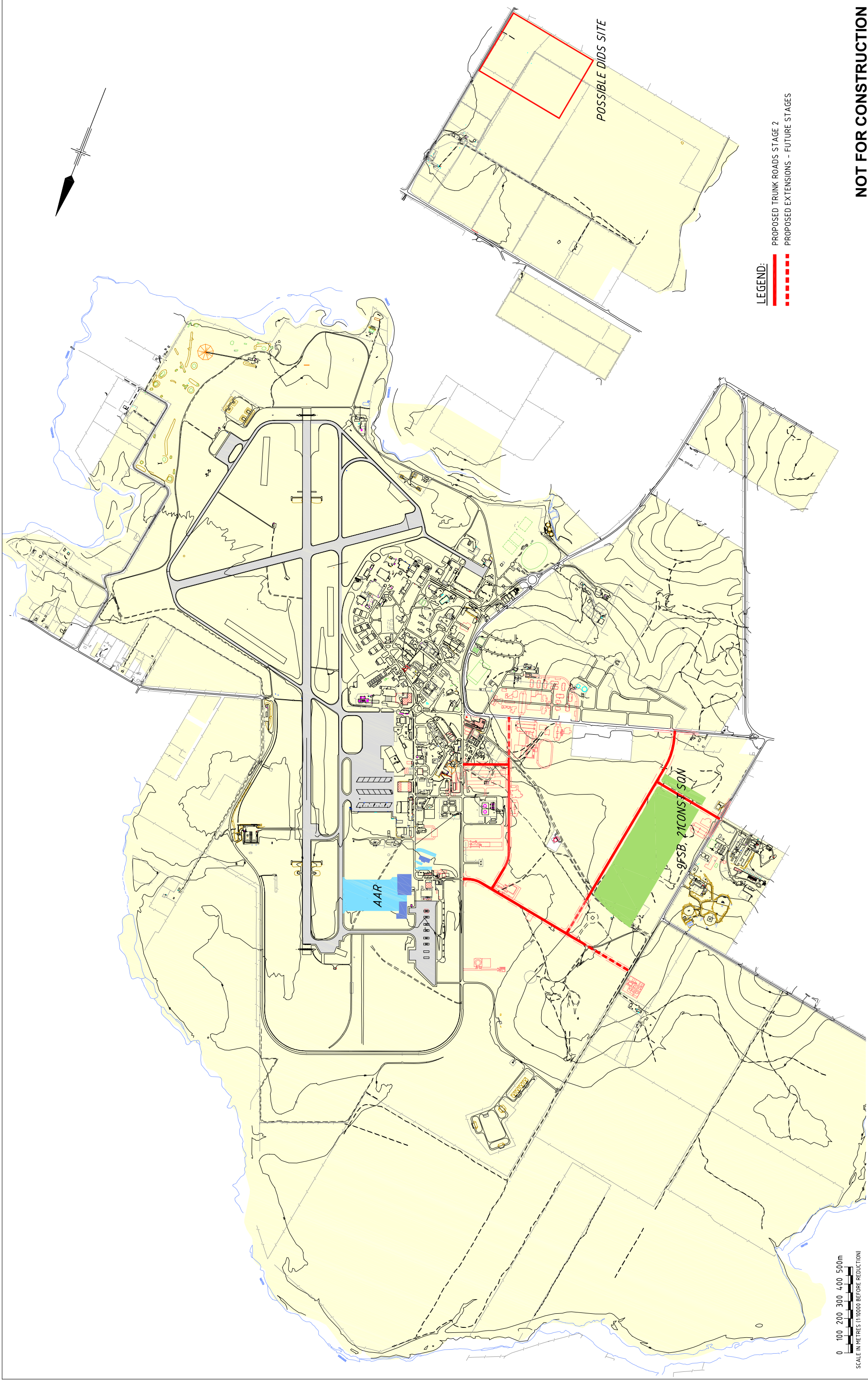
NOTES

- INTERFACE PITS BETWEEN BASE INFRASTRUCTURE UPGRADE PROJECT AND ARMY PRECINCT IS DEFINED AS POINTS A, B, AND C
- INTERFACE PITS BETWEEN BASE INFRASTRUCTURE UPGRADE PROJECT AND AAR PRECINCT IS DEFINED AS POINT D

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<p>Australian Government Department of Defence Corporate Services & Infrastructure Group</p>		<p>Project Manager and Contract Administrator Connell Wagner <small>Connell Wagner Pty Ltd ABN 54 000 139 937 1000/1000 Spring Rd Government House, Adelaide T +617 2346 1000 F +61 7 2346 3001 Email: adelaide@connellwagner.com.au</small></p>		<p>Copyright - This document is the property of GHD Pty Ltd. GHD Conditions of Use This document may only be used for the purpose for which it was commissioned & in accordance with the terms of engagement for the project. <small>www.ghd.com.au</small></p>		<p>GHD GHD Pty Ltd ACN 008 488 373 201 Charlotte Street Brisbane QLD 4000 MANAGEMENT: P O Box 999 Brisbane QLD 4001 F +17 3316 3000 F +17 3316 3333 E enquiries@ghd.com.au www.ghd.com.au</p>		<p>DO NOT SCALE</p> <p>Scale AS SHOWN Drawn GHD ADL Design Check Approved Date</p>		<p>Client DEPARTMENT OF DEFENCE RAAF AMBERLEY STAGE 2 - TRUNK SERVICES (R700E)</p> <p>Project PROPOSED COMMUNICATIONS INFRASTRUCTURE PATHWAY LAYOUT</p> <p>Title A1</p> <p>Original Size A1</p> <p>Stage: SD Rev: A</p>	
<p>No Revision Note * Indicates signature on original issue of drawing or last revision of drawing</p>	<p>RJC TP DP Date</p> <p>Checked Approved 26.11.04</p>	<p>SCHEMATIC DESIGN REPORT ISSUE</p>	<p>Plot Date: 26 November, 2004 - 4:22 PM</p>	<p>Car File No: G:\3312701\11270102_SDR_Drawing\Comms\SDR Drawings_141-13913-T201.dwg</p>							








LEGEND:
 PROPOSED TRUNK ROADS STAGE 2
 PROPOSED EXTENSIONS - FUTURE STAGES

0 100 200 300 400 500m
 SCALE IN METRES (1:10000 BEFORE REDUCTION)

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 Australian Government Department of Defence Corporate Services & Infrastructure Group		Project Manager and Contract Administrator  Connell Wagner Pty Ltd ABN 54 005 139 873 433 Boundary St, (Level Bg 1800) Spring Hill Queensland 4004, Australia Tel: +61 7 3246 1001 Email: oca@connellwagner.com		Copyright - "This document is the property of GHD Pty Ltd." GHD Conditions of Use: "This document may only be used for the purposes for which it was prepared, and in accordance with the terms of engagement or the terms of commission."		 GHD MANAGEMENT ENGINEERING ENVIRONMENT GHD Pty Ltd ACN 008 488 373 201 Chichester Street Brisbane QLD 4000 GPO Box 688 Brisbane QLD 4001 T 61 7 3316 3000 F 61 7 3316 3333 E brisbane@ghd.com.au www.ghd.com.au		Scale AS SHOWN Drawn D.GOODWIN Drafting "BOK" Check Approved Design Check "M. RINAUDO" Date 19.1.05 This Drawing must not be used for Construction unless signed as Approved		Client DEPARTMENT OF DEFENCE Project RAAF AMBERLEY STAGE 2 - TRUNK SERVICES (R7005) Title TRUNK ROADS LAYOUT PLAN Original Size A1 Drawing No: 41-13913-C901 Stage: SD Rev: A	
DBC ISSUE No Revision Note: * Indicates signatures on original issue of drawing or last revision of drawing		DWG Drawn "BOK" Checked Approved	Date 19.1.05	Plot Date: 19 January, 2005 - 12:58 PM Plot File No: G:\4113913\Drawings\TRUNK-ROADS (9.41-13913-C901_SD).dwg							