

APPENDIX A

RTA LETTER

Our Ref: RDC 08M301 v5 SYD10/00393
Contact: Angela Malloch T 8849 2041
DoP Ref: MP 10_0070



The Director
Government Land and Social Projects
Department of Planning
GPO Box 39
Sydney NSW 2001

Attention: Ben Eveleigh

**DIRECTOR GENERAL'S REQUIREMENTS FOR THE SYDNEY
HOSPITAL AT 185 FOX VALLEY ROAD, WAHIA**

Dear Sir / Madam,

Reference is made to the Department's correspondence dated 17 May 2010 (Ref: MP10_0070) requesting the Roads and Traffic Authority (RTA) to provide details of key issues and assessment requirements regarding the abovementioned development for inclusion in the Director General's Environmental Assessment (EA) requirements.

The RTA would like the following issues to be included in the transport and traffic impact assessment of the proposed development:

1. It is noted that the Metropolitan Strategy has designated Hornsby as a Major Centre and a major focal point for regional transport connections and jobs growth. It is important that the development of The Sydney Adventist Hospital takes into consideration, and contributes to the achievement of, transport objectives contained in this and other high-level NSW Government strategies.

These strategies include the NSW State Plan and draft North Subregional Strategy. These policies share the aims of increasing the use of walking, cycling and public transport; appropriately co-locating new urban development with existing and improved transport services; and improving the efficiency of the road network.

By addressing both the supply of transport services and measures to manage demand for car use, the EA report should demonstrate how users of The Sydney Adventist Hospital, will be able to make travel choices that support the achievement of relevant State Plan targets.

2. Daily and peak traffic movements likely to be generated by the proposed development including the impact on nearby intersections and the need / associated funding for upgrading or road improvement works (if required).

Roads and Traffic Authority

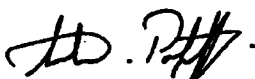
27-31 Argyle Street Parramatta NSW 2150
PO Box 973 Parramatta CBD NSW 2150 DX28555 Parramatta
www.rta.nsw.gov.au | 13 17 82

The key intersections to be examined / modelled include but not be limited to:

- Local intersections along the Comenarra Parkway and along Fox Valley Road
 - The Comenarra Parkway/Fox Valley Road
 - Pacific Highway/Fox Valley Road
 - The Comenarra Parkway/Kissing Point Road
 - Fox Valley Road with site accesses to the Hospital Precinct
3. Details of the proposed accesses and the parking provisions associated with the proposed development including compliance with the requirements of the relevant Australian Standards (ie: turn paths, sight distance requirements, aisle widths, etc).
 4. Proposed number of car parking spaces and compliance with the appropriate parking codes.
 5. Details of service vehicle movements (including vehicle type and likely arrival and departure times).
 6. The RTA requires the EA report to assess the implications of the proposed development for non-car travel modes (including public transport use, walking and cycling); the potential for implementing a location-specific sustainable travel plan (eg 'Travelsmart' or other travel behaviour change initiative); and the provision of facilities to increase the non-car mode share for travel to and from the site. This will entail an assessment of the accessibility of the development site by public transport.
 7. Compliance with all relevant conditions listed within the Determination of the Concept Plan for Wahroonga Estate MP07_0166.
 8. The RTA will require in due course the provision of a traffic management plan for all demolition / construction activities, detailing vehicle routes, number of trucks, hours of operation, access arrangements and traffic control measures.

Should you require any further clarification in relation to this matter, please call the contact officer named at the top of this letter.

Yours faithfully,



Andrew Popoff
A/Senior Land Use Planner
Transport Planning, Sydney Region

16 June 2010

APPENDIX B

SAH POPULATION SCHEDULE

POPULATION SCHEDULE

Last updated: 16 June 2009

COMPREHENSIVE	SERVICES LIST	
Specialised wards /	units	
Nursing Wards		
Doctors		
EC & EMU		
Other (please specify)		
Non-admitted patient		services
FVMDC		
Operating Theatres		
Dialysis		
Radiology		
Endoscopy		
Pathology		
San Clinic		
Pharmacy		
Allied health services		
SUFW		
Miscellaneous		
Accommodation - nursing		
Chaplains		
Administration		
Food Services		
Engineering / maintenance		
Security		

	CAPACITY						Total
	Current			Master Plan			
	Staff	Patient	Visitor	Staff	Patient	Visitor	
339				236			575
	350				260		610
95		250		166		187	437
20				0			20
	32				0		32
		32			0		32
							0
							0
							0
10				0			10
	20				0		20
		12				0	12
187				35			222
	80				70		150
		80				68	148
10				0			10
	28				0		28
		10			0		10
60				35			95
	-				0		0
		-				0	0
						0	0
16				24			40
	30				18		48
		30				17	47
50				24			74
	-				0		0
		-				0	0
						0	0
130				0			130
	500				0		500
		350				0	350
22				12			34
	-				0		0
		-				0	0
						0	0
16				5			21
	-				0		0
		-				0	0
						0	0
5				5			10
	30				0		30
		15				0	15
175				240			415
	-				0		0
		-				0	0
6				4			10
	-				0		0
		-				0	0
30				0			30
	-				0		0
		-				0	0
40				24			64
	-				0		0
		-				0	0
15				11			26
	-				0		0
		-				0	0
3				4			7
	-				0		0
		-				0	0

AVERAGE WEEK DAY																							
1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12noon	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12pm
125	125	125	125	130	145	177	194	234	244	249	249	289	339	324	166	158	149	149	146	134	129	129	129
In				5	15	40	57	40	10	5	0	40	50	10	2	0	5	5	0	0	0	0	0
Out						8	40							25	160	8	9	5	3	12	5	0	0
350	350	350	350	350	350	350	350	340	330	310	300	300	310	310	320	320	330	330	340	340	350	350	350
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8	8	8	8	8	8	10	12	14	16	18	20	20	20	20	20	20	20	20	20	20	15	10	10
25	25	20	20	18	18	18	20	22	22	25	30	30	32	32	32	32	32	32	32	32	30	30	25
25	25	20	20	18	18	20	20	22	22	25	30	30	32	32	32	32	32	32	32	32	30	30	25
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		4		2		6
Linen		-		0		0
				0	0	0
HR		16		0		16
		-		0		0
				0		0
Business Development		8		0		8
		-		0		0
				0	0	0
Materials Mangement		6		4		10
		-		0		0
				0	0	0
Accounting		10		0		10
		-		0		0
Foundation		4		0		4
		-		0		0
				0	0	0
Hospitality		65		46		111
		-		0		0
Volunteers		70		116		186
		-		0		0
Patient Services		30		24		54
		-		0		0
Risk Management		11		0		11
		-		0		0
				0	0	0
Cancer Support Services		8		0		8
		25		0		25
		10		0		10
Other (please specify)						0
						0
						0
TOTAL	1461	1095	789	1017	348	4721

0	0	0	0	0	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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COMPREHENSIVE	CAPACITY				Total	
	Current	Master Plan				
Staff	Patient	Visitor	Staff	Patient	Visitor	

AVERAGE WEEK DAY																											
1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12noon	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12pm				

APPENDIX C

ESTATE DEVELOPMENT DETAILS



Figure 19 – The Concept Plan

Table 8 – The Concept Plan

Precinct	Type of use	Existing development	Proposed development
All	Open space, recreation and conservation	Informal use of undeveloped areas and existing bushland (privately owned land)	Approx 31.4ha land to be zoned Environmental Conservation with improved public access and management. Clearly defined active and passive recreation areas throughout development precincts.
	Hospital	Sydney Adventist Hospital and facilities – 66,000m ² • Inpatient beds – 345 beds • Intensive care unit – 12 beds • Coronary care unit – 11 beds • Day beds – 96 beds • Renal dialysis chairs – 14 • Birthing – 8 suites • Cardiac catheter laboratory – 3 • Endoscopy theatres – 2 • Operating theatres – 12 • Clinical activities including dental care • Faculty of Nursing including auditorium, conference space and library • Australasian research unit • Nurses residence • Child care centre • Chapel • Staff cafeteria • Staff amenities including swimming pool	Upgrade and expand existing facilities over the short to medium term by an additional 28,000m ² – 94,000m ² in total. Details to be subject of a separate application to follow. Faculty of Nursing to be expanded to 3,500m ² and relocated to within a dedicated facility within the Central Precinct
Central Hospital	Commercial	nil	1,000m ² in proposed neighbourhood centre
	Retail	Minor retail (hospital support services including pharmacy, book store, San cafe) 1,000m ² located in hospital precinct.	A total of 2,000m ² of neighbourhood retail, that may include transferral of existing retail within the hospital building
	Residential	Student Style Accommodation 240 student beds Jacaranda Lodge - 30 rooms Mission Hostel - 17 rooms Dwelling Houses 6 High density (residential flat buildings) nil	Student Style Accommodation 90 studios 11 x 1 bedroom 200 student / hostel rooms Jacaranda to be refurbished – 30 rooms Mission to be relocated – 12 rooms Dwelling Houses 3 in total 3 to be retained, refurbished or replaced High density (residential flat buildings) 105 in total 26 x 1 bedroom 53 x 2 bedroom 26 x 3 bedroom

Precinct	Type of use	Existing development	Proposed development
Central Church	Education	Primary school of approx. 1,200m ² and catering for approx. 200 students	Allowances for a K-12 school of 9,000m ² relocated to Precinct 2 and catering for approx. 800 students
	Church	Two churches totalling 1,600m ²	A centralised church precinct catering for 3,200m ² floor space
	Residential	Dwelling Houses 19 High density (residential flat buildings) nil	Dwelling Houses 9 in total 9 to be retained, refurbished or replaced High density (residential flat buildings) 200 in total 50 x 1 bedroom 100 x 2 bedroom 50 x 3 bedroom
	Residential East	Dwelling houses 4 Medium density (town houses) nil High density (residential flat buildings) nil	Dwelling houses 6 in total 4 to be retained, refurbished or replaced 2 new dwelling houses proposed Medium density (town houses) nil High density (residential flat buildings) Nil

Precinct	Type of use	Existing development	Proposed development
Fox Valley	Commercial	8,000m ² housing Pacific Regional Headquarters of the SDA Church, Media Network Centre and other administrative functions	10,000m ² to maintain existing functions and allow for limited expansion of existing and/or additional functions Allowance for some new commercial up to 5,000m ² (eg. professional consulting rooms) in proposed neighbourhood centre.
	Residential	Dwelling houses 11 Dual Occupancy 1 High density (residential flat buildings) 6 (ladies hostel)	Dwelling houses 8 in total 8 to be retained, refurbished or replaced High density (residential flat building apartments) 88 in total 22 x 1 bedroom 44 x 2 bedroom 22 x 3 bedroom
	Retirement living	Hostel 69 rooms Nursing home 27 beds 50 aged units	104 bed hostel 41 bed nursing home 50 aged units
Mount Pleasant	Residential	Dwelling houses 28 Medium density (town houses) nil High density (residential flat buildings) Nil	Dwelling houses 16 in total 15 to be retained, refurbished or replaced 1 new dwelling house proposed Medium density (town houses) 38 in total High density (residential flat buildings) 27 in total 7 x 1 bedroom 14 x 2 bedroom 6 x 3 bedroom

APPENDIX D

INTERSECTION PLANS

DRAWN USING CAD
DO NOT AMEND MANUALLY

DATE IN SERVICE : 00/00/00

SPECIAL SIGNAL GROUP DISPLAY SEQUENCE

SIGNAL GROUP	TABLE TYPE	REMARKS
A/B	3	
B (RT)	41	Z - filter option, RA protection for A Ped
B/C and (LT)	14	Timed RA protection for C2 Ped.
Cond L.S.		Timed Red Aspect protection for C1 Ped.
C1 and C2	PED	Call and Operate Independently.

POSTS

POST	TYPE	LENGTH	REMARKS
1	ELP	—	EXIST
2	6	—	EXIST
3	2	4.1	EXIST
4	2	4.1	EXIST
5	2	4.1	EXIST
6	2	4.1	EXIST

SYDNEY
ADVENTIST
HOSPITAL

DETECTOR SPECIFICATION

Detector	FN	A(L)	A(E)	A	Specifications
A	DS	—	—	—	A
A-B1	FN	B(PR)	BE 4	B	—
A-B1 APP/REP.	DS	—	—	—	A
A-B1	FN	A(L)B(L)	A(NEXT)	B(E 3)	—
A-B1 APP.	DS	—	—	—	A
A-B2	FN	A(L)	A(E 2)	B(E 3)	—
B-C	FN	B(PR)	BE 4	B	—
C	DS	—	—	—	A
A	FN	A(PB)	C(L)	C(L)	—
P.B.	DS	—	—	—	A
C1	FN	C(PB)	C(L)	C(L)	—
P.B.	DS	—	—	—	A
C2	FN	C(PB)	C(L)	C(L)	—
P.B.	DS	—	—	—	A

NOTES.

- This site is SCATS linked.
- Special Regulatory Stop Signs (R1-202) placed on post No. 3.
- All Push Buttons are audio-tactile type.
- Civil Work:
 - Roadworks in accordance with plan 947TRD.
 - Developer shall construct kerb ramps at all pedestrian crossings.
 - Council to remove trees.

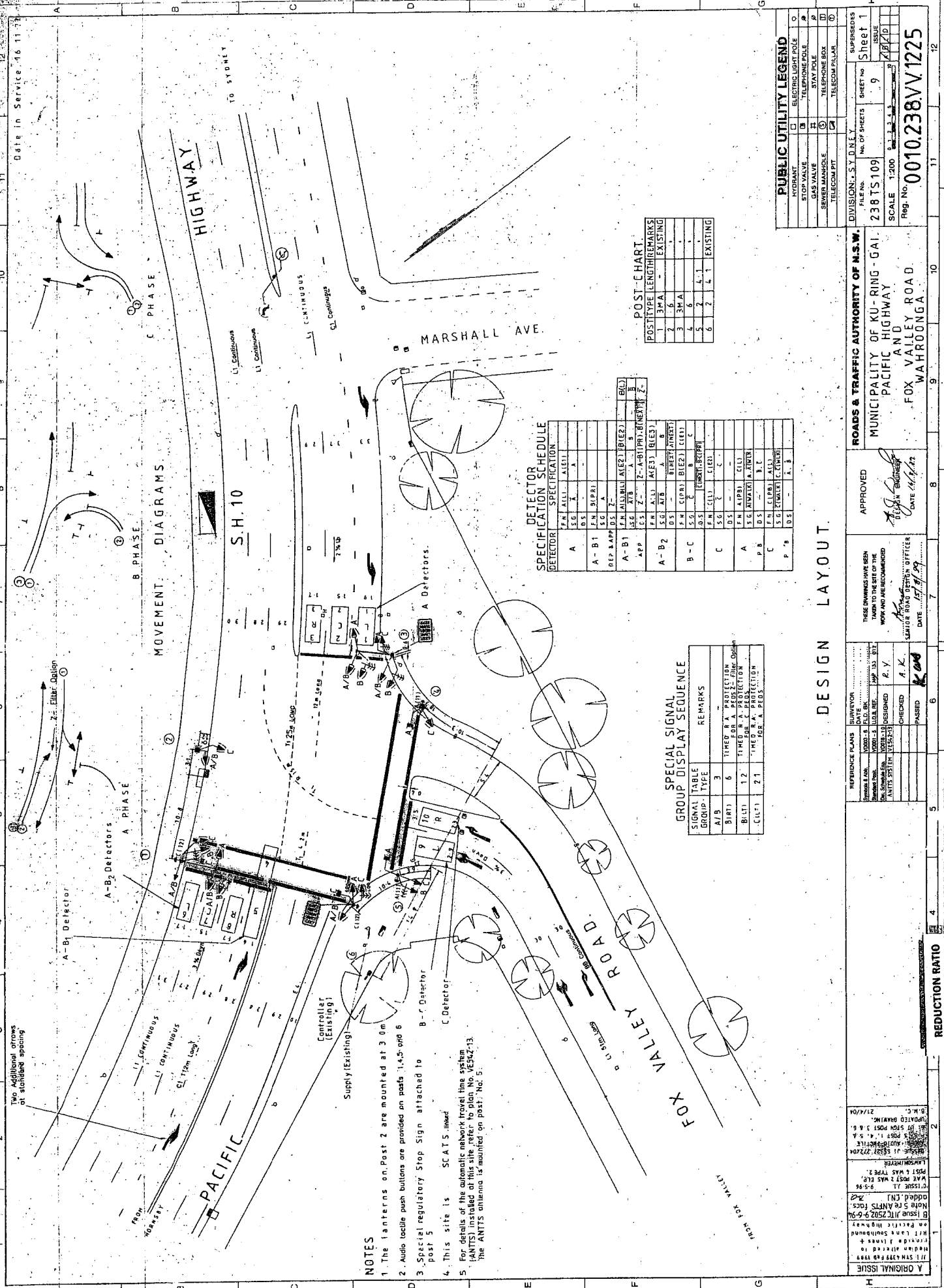
LOT 7
D.P. 8 3 4 9 6 4

A ORIGINAL ISSUE		B ISSUE 23-08-95 SUIT WAE P W KIRBY		C ISSUE WAE ACCOMMODATION POSTS 5.6 & TUPA 10/07/95		PUBLIC UTILITY LEGEND		REFERENCE PLANS		U.D. No. MAP 13.014 1:500 Scale 10/07/95		APPROVED R. Mettle Transport & Traffic Planning Associate DATE		ACCEPTED DATE		REGION: SYDNEY LOCAL: TCSB		BRANCH: CONSULTANT SERVICES JOB NUMBER: VV.3210.1C.DOG		ISSUE SCALE 1:200 FILE 238.TS.298 SHEET 10		C	
Roads and Traffic Authority, N.S.W. MUNICIPALITY OF KU RING GAI FOX VALLEY ROAD AND SYDNEY ADVENTIST HOSPITAL ACCESS WAHROONGA														DESIGN LAYOUT		ICS No. 3210		7000.238.VV.3210		SHEET 1		© COPYRIGHT ROAD AND TRAFFIC AUTHORITY	

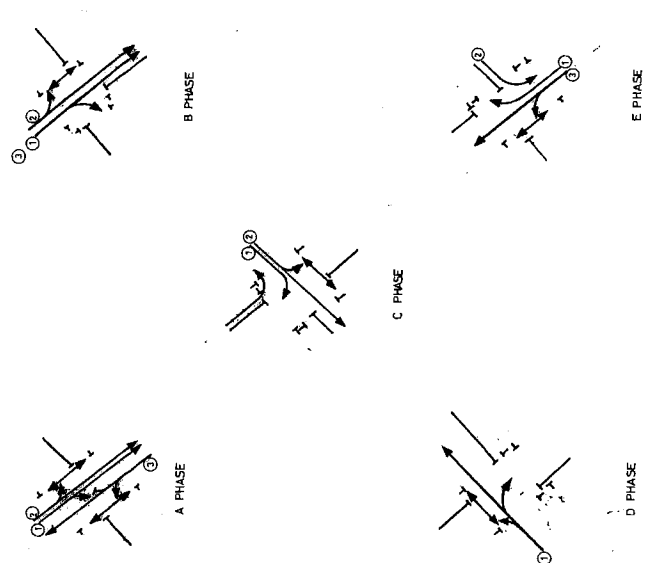
SHEET
9-A

W. 1225

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0131 V V

[illegible]

SPECIAL SIGNAL GROUP DISPLAY SEQUENCE			REMARKS
SIGNAL	TABLE	GROUP	TYPE
A/B	3		
B(R/T)	41		
CL(T)	42		
E(R/T)	1		
E(L/T)	2		
E/A	4		
E/A	Prod		

POST	TYPE	LENGTH	REMARKS
1	2	4.1	EXISTING
2	6	-	EXISTING
3	2	4.1	EXISTING
4	2	4.1	EXISTING
5	2	4.1	EXISTING
6	6	-	EXISTING
7	5L	-	EXISTING
8	2	4.1	EXISTING

NOTES

- 1. This site is S.C.A.T.S. linked.
- 2. All push buttons are audio testable.
- 3. Special regulatory Stop Signs (RI-2021) to be placed on posts 145.
- 4. For details of the Automatic Network Travel Time System (A.N.T.T.S.) installed at this site refer to plan number VES42-13. The A.N.T.T.S. antennas mounted on post number 3.

DESIGN LAYOUT

[illegible]

APPENDIX E

BUS SERVICE DETAIL



**Route
573**

Bus Route Map



Monday to Friday

[illegible]

Saturday

[illegible]

Sunday & Public Holidays*

Route Number	573	573	573	573	573	573
A Turramurra Station (Rohini St)	8:50	11:50	1:50	3:50	5:50	5:50
C Roland Ave & Fox Valley Rd	9:54	11:54	1:54	3:54	5:54	5:54
C SAN Sydney Adventist Hospital	9:56	11:56	1:56	3:56	5:56	5:56
E Fox Valley (Lourina Ave)	9:59	11:59	1:59	3:59	5:59	5:59
D SAN Sydney Adventist Hospital	10:02	12:02	2:02	4:02	6:02	6:02
C Roland Ave & Fox Valley Rd	10:05	12:05	2:05	4:05	6:05	6:05
A Turramurra Station (Rohini St)	10:10	12:10	2:10	4:10	6:10	6:10

Explanations

- Accessible buses operate this service (For operational requirements Transdev/TSL reserves the right to substitute conventional buses).

i Easter Saturday services run to Public Holidays timetable. * No service on Christmas Day.

i See other side for →
route map



Get your group around town quickly and safely
with TransdevTSL - Shorelink Buses bus charter

TransdevTSL - Shorelink Buses has a fleet of nearly 100 modern buses which are capable of fulfilling almost any requirement. Buses can seat up to 57 adult passengers. To discuss your requirements, please telephone us between 8.30am to 5.00pm Monday - Friday on 9457 8888.



Monday to Friday											
map ref	Route Number	589	589	589	589	589	589	589	589	589	589
		am	am	am	pm	pm	pm	pm	pm	pm	pm
A	Hornsby Station (Interchange)	6.30	7.30	8.30	12.30	1.30	2.45	3.30	4.25	5.20	
B	Normanhurst Boys High School	6.39	7.39	8.39	12.38	1.38	2.53	3.38	4.33	5.28	
C	Pennant Hills Rd & Stuart Ave	6.41	7.41	8.41	12.40	1.40	2.55	3.40	4.35	5.30	
D	Woodlands Estate (Oak St)	...	...	...	12.43	...	...	3.43	...	5.33	
E	Thornleigh Station (Railway Pde)	6.47	7.47	8.47	12.47	1.44	2.59	3.47	4.39	5.37	
F	SAN Sydney Adventist Hospital	6.55	7.55	8.55	12.52	1.49	3.04	3.52	4.44	5.42	

Saturday											
map ref	Route Number	589	589	589	589	589	589	589	589	589	589
		am	am	am	pm	pm	pm	pm	pm	pm	pm
A	Hornsby Station (Interchange)	9.16	11.16	2.26	4.26						
B	Normanhurst Boys High School	9.24	11.24	2.34	4.34						
C	Pennant Hills Rd & Stuart Ave	9.26	11.26	2.36	4.36						
D	Woodlands Estate (Oak St)	9.29	11.29	2.39	4.39						
E	Thornleigh Station (Railway Pde)	9.33	11.33	2.43	4.43						

Monday to Friday											
map ref	Route Number	589	589	589	589	589	589	589	589	589	589
		am	am	am	am	am	pm	pm	pm	pm	pm
F	SAN Sydney Adventist Hospital	6.55	...	8.00	...	...	9.00	12.55	1.50	3.06	5.45
G	Thornleigh Station (Railway Pde)	7.08	7.52	8.08	...	8.31	9.07	1.02	1.57	3.14	4.52
H	Woodlands Estate (Oak St)	...	7.57	...	...	8.36	9.11	...	...	...	...
I	Pennant Hills Rd & Stuart Ave	7.11	8.02	8.11	...	...	9.13	1.05	2.00	3.17	4.56
J	Normanhurst Boys High School	7.12	8.04	8.12	8.45	9.20	1.06	2.01	3.18	4.07	5.57
K	Hornsby Station (Interchange)	7.19	8.17	8.19	8.52	9.06	9.27	1.13	2.08	3.25	6.04

Saturday											
map ref	Route Number	589	589	589	589	589	589	589	589	589	589
		am	am	am	pm	pm	pm	pm	pm	pm	pm
F	Thornleigh Station (Railway Pde)	9.34	11.34	2.44	4.44						
G	Woodlands Estate (Oak St)	9.38	11.38	2.48	4.48						
H	Pennant Hills Rd & Stuart Ave	9.42	11.42	2.52	4.52						
I	Normanhurst Boys High School	9.44	11.44	2.54	4.54						
J	Hornsby Station (Interchange)	9.55	11.55	3.04	5.04						

Explanations

J – Bus diverts via Normanhurst West Public School and Route 588 through Hornsby South to Hornsby.

Y – Bus diverts via Our Lady of the Rosary (Yardley).



For additional services to Sydney Adventist Hospital on weekdays and weekends, please see route 573 timetable.



No service on Sunday, Public Holidays, Easter Saturday or Christmas Day



See other side for route map



1 Bus =

40 less cars



Reduce greenhouse gas emissions by catching a bus, train or ferry

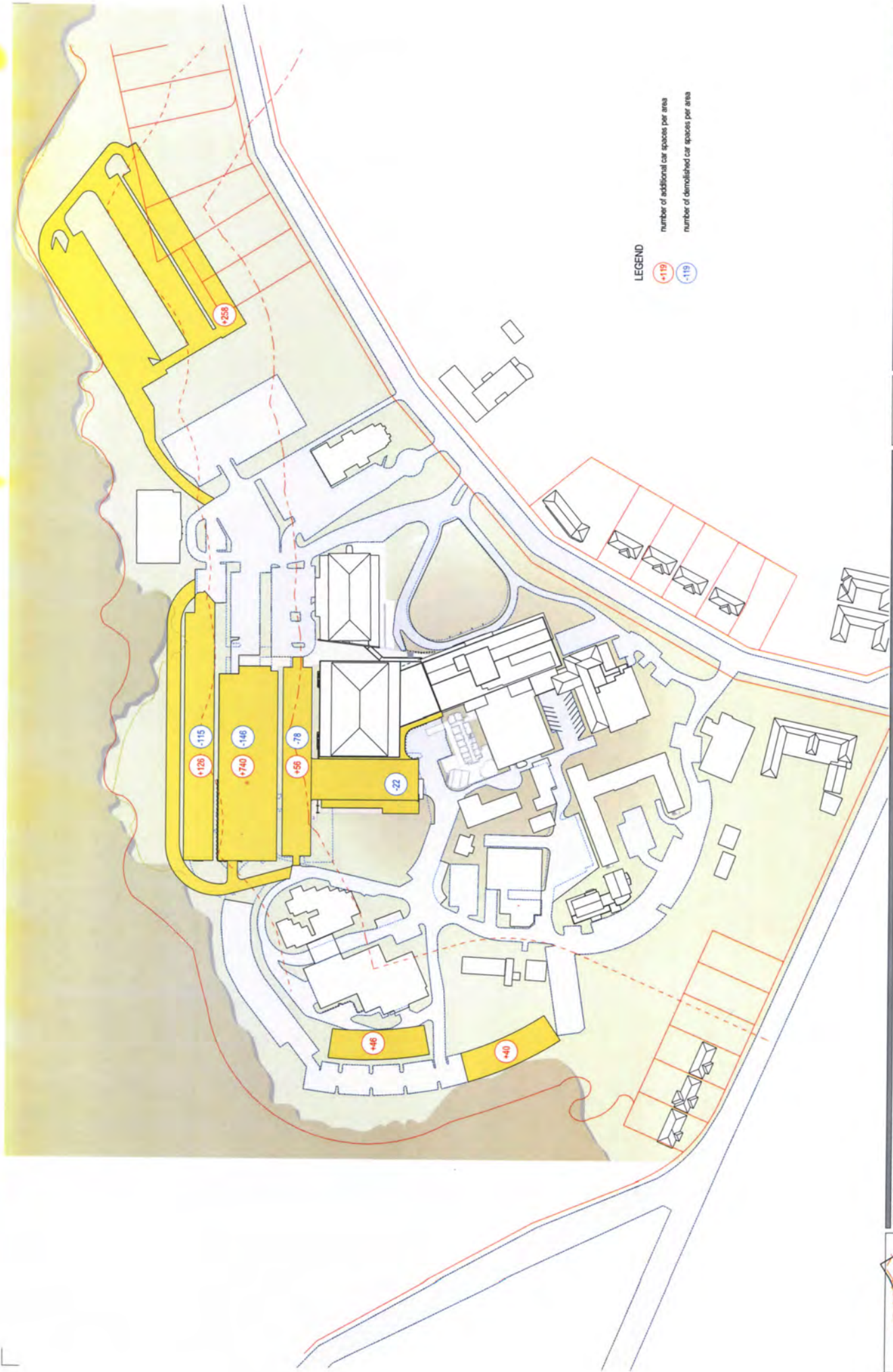
Fewer cars on the road will lead to less traffic, noise and congestion on Sydney's roads.

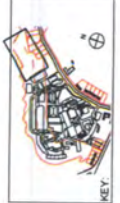
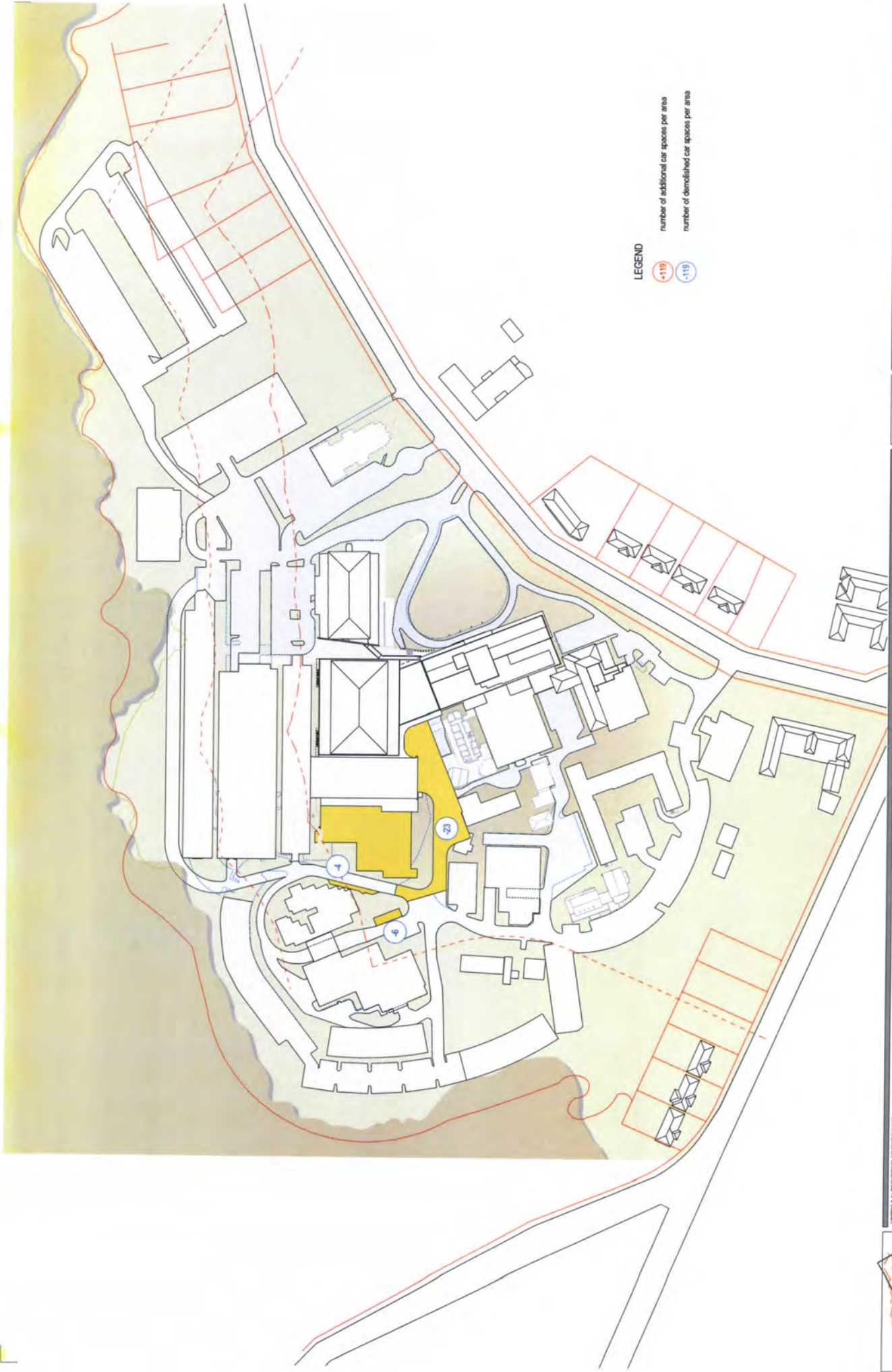


TRANSDEV
Shorelink Buses

APPENDIX F

STAGE CARPARKING





SYDNEY ADVENTIST HOSPITAL
185 Fox Valley Road
Wahroonga NSW

STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500

STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500

STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500

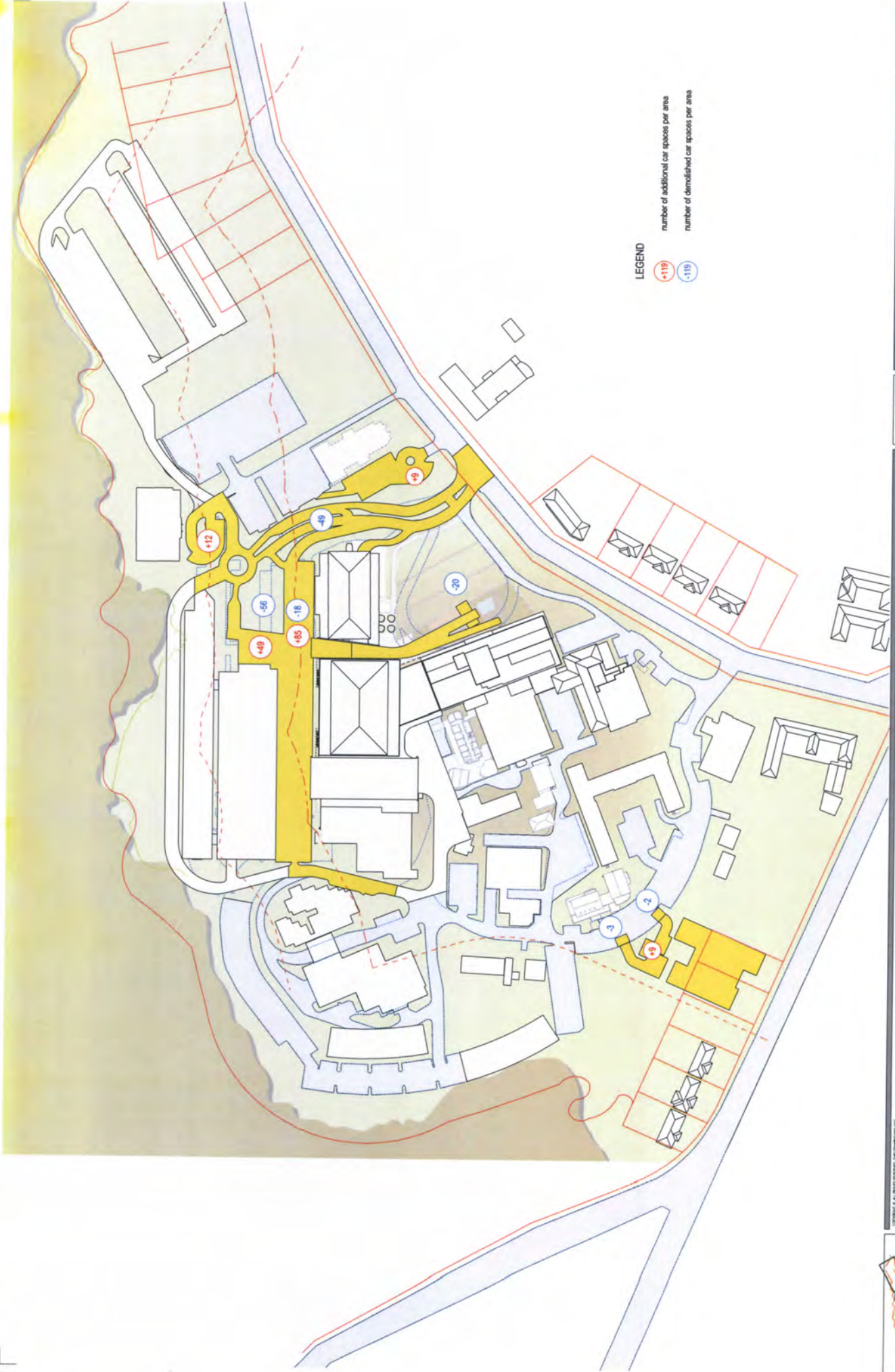
STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500

STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500

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Wahroonga NSW 1500

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Wahroonga NSW 1500

STREET ADDRESS
185 Fox Valley Road
Wahroonga NSW 1500



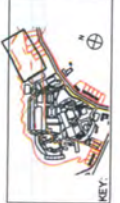
LEGEND

+119

-119

number of additional car spaces per area

number of demolished car spaces per area



NOTES:
1. ALL DIMENSIONS ARE IN METRES.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

Sydney Adventist Hospital
188 Fox Valley Road
Wahroonga NSW

SYDNEY ADVENTIST HOSPITAL



morrisbray architects

SUPPORT MATERIAL
Carparking Strategy Stage 2

APPENDIX G

CAR POOLING DETAIL

