

LEGEND	
	SITE BOUNDARY
	EXTENT OF WORKS
	CAR PARK AND VEHICULAR ACCESS
	EXISTING ROAD
	PATHWAY AND PEDESTRIAN ACCESS
	PROPOSED LANDSCAPE PLANTING
	PROPOSED TREES
	EXISTING TREES TO BE RETAINED
	EXISTING TREES TO BE REMOVED
	PROPOSED DECKING TO ARCHITECTS DETAIL
	PROPOSED BIKE RACKS IN STREETScape OUTSIDE FRONT ENTRY

CHILDREN'S MEDICAL RESEARCH INSTITUTE



DESIGN STATEMENT

THE WESTMEAD RESEARCH HUB AND MILLENNIUM INSTITUTE IS LOCATED ON HAWKESBURY ROAD IN THE WESTMEAD HOSPITAL PRECINCT. THE EXISTING SITE IS TO BE DEMOLISHED WITH THE CONSTRUCTION OF THE FIRST BUILDING AND CARPARK TO BE BUILT ON THE EASTERN PORTION OF THE SITE. A FUTURE DEVELOPMENT IS PROPOSED FOR THE REMAINDER OF THE SITE. THE CHILDREN'S MEDICAL RESEARCH INSTITUTE IS LOCATED ON THE OPPOSITE SIDE OF HOSPITAL ROAD AND IS DUE FOR REFURBISHMENT IN THE FUTURE, MAKING BOTH BUILDINGS PART OF A SET OF RESEARCH FACILITIES WITHIN THE HOSPITAL PRECINCT.

ACCESS

THE SITE IS SPLIT INTO TWO LEVELS, WITH ACCESS INTO THE LOWER GROUND FLOOR THROUGH THE CARPARK AND ACCESS TO THE UPPER GROUND FLOOR FROM THE MAIN BUILDING ENTRY ON HAWKESBURY ROAD. A PUBLIC WALKWAY OUTSIDE THE BOUNDARY ON THE NORTHERN SIDE WILL PROVIDE PEDESTRIAN ACCESS THROUGH THE SITE AND THE PATHWAY ACCESS TO THE RESEARCH HUB WILL CONNECT TO THIS PATHWAY. ADDITIONALLY, THERE ARE PATHWAYS AROUND THE BUILDING ON HOSPITAL AND HAWKESBURY ROADS.

COURTYARD

THE COURTYARD ON THE UPPER GROUND LEVEL WILL PROVIDE PASSIVE RECREATION AND OUTDOOR AMENITY TO THE BUILDING OCCUPANTS AND ALSO TO SURROUNDING BUILDINGS TO THE SITE.

THE COURTYARD WILL HAVE AN OUTDOOR DECKING AREA WITH INFORMAL SEATING AND OVERHEAD COVER ADJACENT TO AN OPEN TURF AREA, PROVIDING A SIMPLE MINIMALIST LANDSCAPE ZONE WHICH REFLECTS THE BUILDING'S SIMPLICITY OF FORM. THE TURF WILL BE A VARIETY SUITABLE FOR SUN AND PART SHADE AS THE COURTYARD WILL RECEIVE MORNING SHADE AND AFTERNOON SUN.

IN THE CENTRE OF THE TURF AREA ON THE WESTERN SIDE, A SINGLE FEATURE TREE WILL BE THE FOCAL POINT OF THE COURTYARD. A DECIDUOUS SPECIES HAS BEEN NOMINATED WHICH WILL DEPICT THE CHANGING SEASONS IN PHYSICAL FORM. THE TREE IS SUGGESTED AS *PYRUS CALLERYANA* 'BRADFORD' WHICH WILL PROVIDE GREEN FOLIAGE IN SUMMER, DEEP RED FOLIAGE IN AUTUMN WITH AN ABUNDANCE OF WHITE BLOSSOM FLOWERS IN SPRING. THE VARYING TEXTURES OF THIS TREE WILL CREATE A DYNAMIC SENSE OF TIME AND SPACE IN THE COURTYARD AND WILL BE AN ICONIC MEETING PLACE FOR THE OCCUPANTS OF THE BUILDING. THE DECIDUOUS NATURE OF THE TREE WILL ALLOW SHADE IN SUMMER AND SUN IN WINTER.

CARPARK

THE CARPARK IS LOCATED ALONG THE NORTHERN SIDE OF THE BUILDING WITH RESTRICTED ACCESS THROUGH SECURITY GATES. THERE ARE SIGNIFICANT PLANTER BEDS ON THE NORTH AND SOUTH SIDES OF THE CARPARK TO FRAME WITH CARPARK WITH A LANDSCAPE BORDER WHICH WILL SOFTEN THE HARDSTAND AREA.

THE PLANTING ALONG THE NORTHERN BOUNDARY WILL BE LOW HEIGHT (<900MM) TO ALLOW MAXIMUM SURVEILLANCE TO THE PUBLIC WALKWAY OUTSIDE THE BOUNDARY. THESE PLANTS WILL BE A MIX OF NATIVE AND EXOTIC SHADE TOLERANT SPECIES AS THEY WILL SIT UNDER THE SHADE OF THE OVERHEAD WALKWAY FOR MOST OF THE DAY.

THE PLANTER ON THE SOUTHERN SIDE OF THE CARPARK TO THE BUILDING FRONTAGE WILL RECEIVE NORTHERN SUNLIGHT THROUGHOUT THE DAY. WE HAVE NOMINATED A MIX OF NATIVE AND EXOTIC UNDERSTOREY SPECIES IN THIS ZONE INCLUDING HIGHLIGHT SHRUBS WITH COLOURFUL FOLIAGE. THE TREES ARE A SMALL EVERGREEN TREE, *FRAXINUS* 'GRIFFITHII', TO PROVIDE A SCREENING AND COOLING ELEMENT TO THE NORTHERN FACADE.

SOUTHERN FACADE

THE MAIN ENTRY PEDESTRIAN IS LOCATED ON THE SOUTHERN FACADE AS THE 'FRONT' OF THE BUILDING. A LANDSCAPE PLANTER IS LOCATED IN FRONT OF THE BUILDING TO SOFTEN THE BUILDING FOOTPRINT AGAINST THE PUBLIC FOOTPATH. THIS PLANTER WILL RECEIVE MINIMAL NATURAL SUN DUE TO THE SHADOWS FROM THE BUILDING, THEREFORE WE HAVE NOMINATED BANDS OF NATIVE AND EXOTIC SHADE TOLERANT SPECIES IN THIS LOCATION. THE PLANTS SHALL BE LOW HEIGHT (<900MM) TO ALLOW MAXIMUM SURVEILLANCE TO THE STREET OUTSIDE.

BICYCLE PARKING

BICYCLE PARKING IS PROVIDED AT THE LOWER GROUND LEVEL INSIDE THE BUILDING. IN ADDITION TO THE MAIN BICYCLE PARKING, 3 NO. VISITOR BICYCLE PARKS ARE TO BE PROVIDED OUTSIDE THE FRONT ENTRY TO THE BUILDING. THE LOCATION OF THIS PARKING IS IMPORTANT SO THAT IT IS EASILY ACCESSIBLE TO THE MAIN ENTRY AND ALLOWS NATURAL SURVEILLANCE FROM INSIDE THE BUILDING. THE BIKE PARKS WILL BE LOCATED IN THE PUBLIC FOOTPATH IN A SINGLE ROW PARALLEL TO THE KERB LINE. WE HAVE NOMINATED A SUGGESTED STYLE BELOW FOR THE BIKE PARKING ELEMENT WITHIN THE STREETScape.

IRRIGATION

IRRIGATION SHALL BE PROVIDED TO ALL LANDSCAPE PLANTING AREAS USING RECYCLED WATER FROM THE RAINWATER HARVESTING TANK.



PYRUS - SPRING FLOWERS



PYRUS - AUTUMN COLOUR



FRAXINUS - TREE FORM



FRAXINUS - LEAVES AND FLOWERS



NANDINA 'GULF STREAM' (0.6M)



LOMANDRA 'KATRINUS' (0.8M)



DIANELLA 'SILVER STREAK' (0.6M)



CALLISTEMON 'LITTLE JOHN' (0.5M)



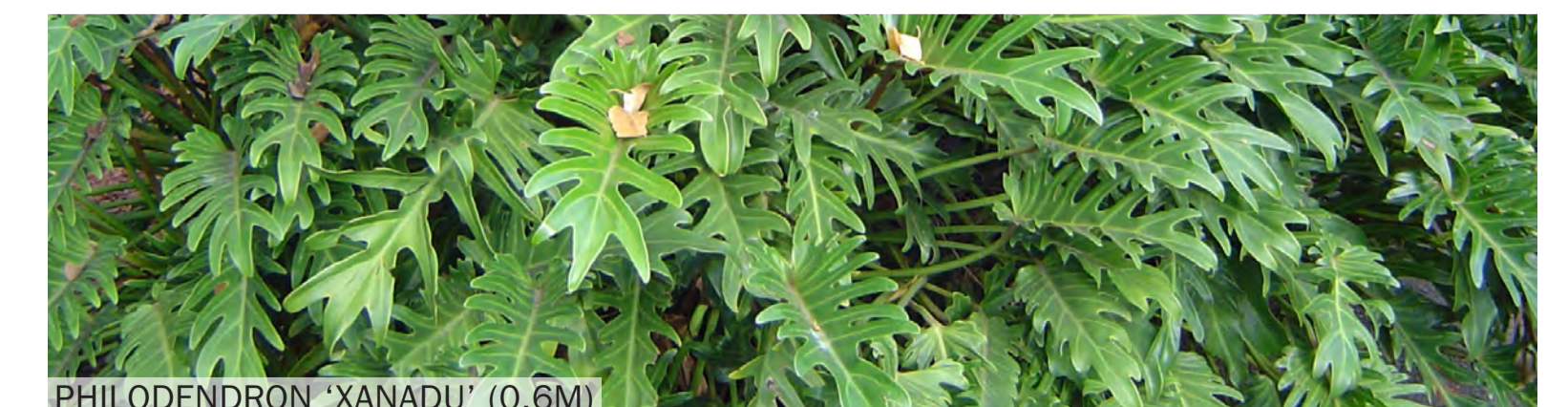
SYZYGIUM VARIETIES (0.5-1.0M)



CORREA ALBA (0.8M)



OPHIPOGON JAPONICA (0.3M)



PHILODENDRON 'XANADU' (0.6M)

SUGGESTED PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	MATURE HEIGHT
TREES			
<i>FRAXINUS</i> 'GRIFFITHII'	EVERGREEN ASH	100L	5M
<i>PYRUS CALLERYANA</i> 'BRADFORD'	BRADFORD PEAR	400L	8M
SHRUBS & GROUNDCOVERS			
<i>ACMENA</i> 'HEDGEMASTER'	LILLY PILLY HEDGE	200MM	600MM
CALLISTEMON 'LITTLE JOHN'	BOTTLE BRUSH	200MM	500MM
CORREA ALBA	WHITE CORREA	200MM	800MM
DIANELLA 'SILVER STREAK'	SILVER STREAK	140MM	700MM
LOMANDRA 'KATRINUS'	LOMANDRA	140MM	800MM
NANDINA 'GULF STREAM'	NANDINA	200MM	600MM
OPHIPOGON JAPONICA	MONDO GRASS	BORDER	300MM
PHILODENDRON 'XANADU'	XANADU	200MM	600MM
SYZYGIUM 'AUSSIE BOOMER'	LILLY PILLY	200MM	1200MM
SYZYGIUM 'TINY TREV'	LILLY PILLY	200MM	500MM

NOTES:

1. IRRIGATION TO DESIGN AND CONSTRUCTION SPECIFICATION. SUPPLY SOURCE TO BE CONNECTED TO HARVESTED WATER TANK SUPPLY.

