



TACTICAL FIRE PLAN

16 RAILWAY PARADE, BURWOOD, NSW, 2134
IN THE EVENT OF A FIRE RING '000' TO ENSURE FIRE SERVICE RESPONSE

	FIRE FAN CONTROL PANEL		SWITCH ROOM
	FIRE DETECTION AND CONTROL INDICATING EQUIPMENT		SUBSTATION/ TRANSFORMER
	FIRE CONTROL ROOM		PRESSURISED STAIRWAYS, RAMPS & PASSAGEWAYS
	WARDEN INTERCOM PHONE		STAIR PRESSURISATION SHAFT/ DUCT
	MANUAL CALL POINT ON EWIS SYSTEM		RETURN AIR/ SMOKE EXHAUST SHAFT/ DUCT
	MASTER EMERGENCY CONTROL PANEL		SUPPLY AIR SHAFT / DUCT
	FIRE HOSE REEL		ELECTRICAL RISERS AND CUPBOARDS
	STATIC WATER STORAGE		FIRE WALL/ COMPARTMENTS
	FIRE HYDRANT VALVE		4.5KG ABE FIRE EXTINGUISHER
	PUMP SET (HYDRANT)		5.0KG CO2 FIRE EXTINGUISHER
	BOOST ASSEMBLY - COMBINED HYDRANT/SPRINKLER		9.0L FOAM FIRE EXTINGUISHER
	SPRINKLER CONTROL VALVE		

DESCRIPTION OF BUILDING

BUILDING IS A MIXED-USE DEVELOPMENT WHICH HAS A RISE IN STOREYS OF 20 AND CONSISTS OF TWO BLOCKS THAT ARE CONNECTED WITH FOUR LEVELS OF CLASS 7A BASEMENT PARKING.

THE SOUTHERN BLOCK HAS A RISE IN STOREYS OF SEVEN AND CONSISTS OF CLASS 5 COMMERCIAL SPACE ON GROUND LEVEL TO LEVEL 6 WITH A COMMUNAL TERRACE ON LEVEL 7.

THE NORTHERN BLOCK HAS A RISE IN STOREYS OF 20 AND CONSISTS OF CLASS 5 COMMERCIAL SPACE ON GROUND LEVEL TO LEVEL 5 AND CLASS 2 RESIDENTIAL SOLE-OCCUPANCY UNITS (SOUs) ON LEVEL 6 TO LEVEL 19.

THE TWO BLOCKS ARE ALSO CONNECTED ON LEVEL 7 VIA A WALKWAY BRIDGE.

BCA GENERAL DESCRIPTION

BCA 2016 CLAUSE	DESCRIPTION
A1.1 EFFECTIVE HEIGHT	GREATER THAN 50M (~64.7M) NOTE THAT THE SOUTHERN BLOCK HAS A HEIGHT OF LESS THAN 25M (~23.7), AND THE NORTHERN BLOCK HAS A HEIGHT OF ~64.7M
A3.2 CLASSIFICATION	CLASS 2 - RESIDENTIAL CLASS 5 - COMMERCIAL CLASS 7A - CARPARK
C1.1 TYPE OF CONSTRUCTION REQUIRED	TYPE A CONSTRUCTION
C1.2 RISE IN STOREYS	20, WITH 24 STOREYS CONTAINED
C2.2 FLOOR AREA AND VOLUME LIMITATIONS	CLASS 5 MAXIMUM FLOOR AREA: 8,000m ² MAXIMUM VOLUME: 48,000m ³ THESE SIZE LIMITATIONS FOR THE FIRE COMPARTMENTS ARE NOT EXCEEDED, BASED ON EACH STOREY BEING A SEPARATE FIRE COMPARTMENT. THE SOUTHERN BLOCK HAS A FLOOR AREA OF APPROXIMATELY 270m ² PER FLOOR, AND THE NORTHERN BLOCK HAS A FLOOR AREA OF APPROXIMATELY 500m ² PER FLOOR. BUILDING AREA APPROXIMATELY 16,200m ²