

REV	ISSUE	CHK'D	APP'D	DATE
1	PRELIMINARY	S.G.	S.G.	15/11/21
2	PRELIMINARY	S.G.	S.G.	01/12/21
3	PRELIMINARY	S.G.	S.G.	23/02/22
4	PRELIMINARY	S.G.	S.G.	02/03/22
5	PRELIMINARY	S.S.	S.S.	16/03/22
6	PRELIMINARY	S.G.	S.G.	18/08/22

ALL DRAWINGS ARE DESIGNED TO BE PRINTED AND READ IN COLOUR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PRINT DRAWINGS IN COLOUR TO AVOID ANY POTENTIAL DISCREPANCIES. IF DRAWINGS ARE PRINTED IN BLACK AND WHITE.



Vital Design Solutions
HYDRAULIC CIVIL FIRE

Canberra - Ground floor, 20 Spungolite Street, Beard ACT 2620
Melbourne - Level 22, 535 Bourke Street, Melbourne Vic 3000
Tel: 02 6297 2765 Email: admin@vdsol.com.au ABN: 45 151 340 788
Fax: 02 6299 2316 Web: vdsol.com.au ACN: 151 340 788

ARCHITECT

CLIENT

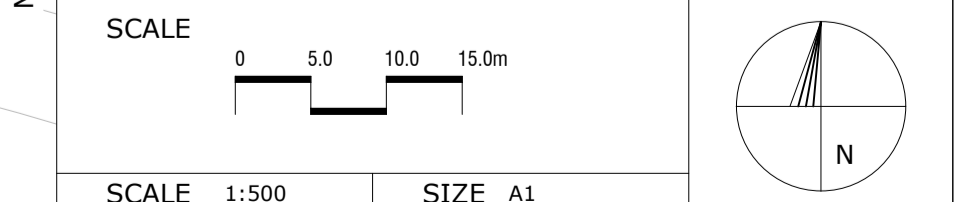
PROJECT
**WESTON VILLAGE
BLOCK 1 SECTION 82
UNWIN STREET
WESTON ACT**

DRAWING TITLE
**CAR PARK SPATIAL REVIEW PLAN
BASEMENT (SHEET 01 OF 02)**

ALL DIMENSIONS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS, ORDERING MATERIAL OR PRODUCING SHOP DRAWINGS. THE COPYRIGHT OF THIS DRAWING REMAINS WITH VITAL DESIGN SOLUTIONS PTY LTD.

JOB REFERENCE: VS21063 DRAWING NUMBER: C.81

DESIGNED: S.GWYNNE DRAFTED: E.PEARSON



SCALE: 1:500 SIZE: A1

ISSUE: NOT FOR CONSTRUCTION REVISION: 6

MINIMUM 3.0m INTERNAL WIDTH REQUIRED FOR SINGLE VEHICLE GARAGES. GARAGE DOORS CURRENTLY SHOWN AS 3.0m WIDE WHICH REQUIRES APRON WIDTH OF MINIMUM 5.6m. GARAGES ARE CURRENTLY COMPLIANT WITH AS2890.1. MAXIMUM CROSSFALL AT GARAGE ACCESS POINT PENDING FURTHER INVESTIGATION.

MINIMUM 2.4m WIDE PARKING SPACE REQUIRED FOR MULTIPLE VEHICLE GARAGES. MINIMUM WIDTH OF 5.5m REQUIRED FOR TWO CAR SPACES WITH 300mm CLEARANCE FROM WALLS EITHER SIDE. GARAGE TO BE INCREASED TO 5.5m INTERNAL WIDTH TO COMPLY WITH AS2890.1.

CIRCULATION AISLE SHOWN WITH 5.80m BETWEEN WALLS. AS2890.1 REQUIRES MINIMUM 5.5m WIDE CIRCULATION ROADWAYS WITH 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm.

MINIMUM 6.1m WIDE CIRCULATION AISLE TO BE PROVIDED BETWEEN WALLS TO COMPLY WITH AS2890.1.

CAR PARK ASSUMED TO BE FOR PRIVATE RESIDENTIAL ACCESS ONLY. THEREFORE, NO PROVISION FOR A TURNING BAY IS REQUIRED. IF CAR PARK IS TO BE ACCESSED BY THE PUBLIC, PROVISION OF A TURNING BAY IS REQUIRED IF THE AISLES EXCEED THE WIDTH OF 6 X 90 DEGREE CAR SPACES (~14.4m) + ADDITIONAL 1.0m BLIND AISLE EXTENSION.

NOTE ONLY, NO ACTION REQUIRED.

CAR SPACE CLEARANCE ENVELOPES CURRENTLY ENCR OACH INTO ADJACENT COLUMNS. COLUMNS TO BE RELOCATED/CAR SPACES TO BE SHIFTED TO COMPLY WITH AS2890.1. APPLIES TO ALL CLOUDED AREAS.

AS2890.1 REQUIREMENTS FOR TWO-WAY RAMPS ARE MINIMUM 5.5m WIDTH + 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm. RESIDENTIAL RAMPS LESS THAN 20m LONG REQUIRE A MAXIMUM GRADE OF 25% WITH 12.5% GRADE TRANSITIONS AT EITHER END IF GRADE CHANGE IS IN EXCESS OF 12.5% (SUMMIT) AND 15% (SAG).
RAMPS ARE CURRENTLY COMPLIANT WITH THE REQUIREMENTS OF AS2890.1.

CAR SPACES ARE GENERALLY COMPLIANT WITH CLASS 1A - RESIDENTIAL, DOMESTIC AND EMPLOYEE PARKING. SOME CAR SPACES DO NOT ACHIEVE COMPLIANT CAR SPACE CLEARANCE ENVELOPE. REFER TO ADDITIONAL NOTES AND CLOUDED AREAS FOR DETAIL.
CLASS 1A CAR SPACES REQUIRE MINIMUM 5.8m AISLE WIDTH + 300mm FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm AS PER AS2890.1.

CIRCULATION AISLE SHOWN WITH 5.85m BETWEEN WALLS. AS2890.1 REQUIRES MINIMUM 5.5m WIDE CIRCULATION ROADWAYS WITH 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm.

MINIMUM 6.1m WIDE CIRCULATION AISLE TO BE PROVIDED BETWEEN WALLS TO COMPLY WITH AS2890.1.

MINIMUM 2.4m WIDE PARKING SPACE REQUIRED FOR MULTIPLE VEHICLE GARAGES. GARAGE DOORS CURRENTLY SHOWN AS 4.80m WIDE WHICH IS COMPLIANT WITH AS2890.1 (SPACE WIDTH TIMES THE NUMBER OF SPACES).

CAR SPACE CLEARANCE ENVELOPES CURRENTLY ENCR OACH INTO ADJACENT COLUMNS. COLUMNS TO BE RELOCATED/CAR SPACES TO BE SHIFTED TO COMPLY WITH AS2890.1.

AS2890.1 REQUIREMENTS FOR TWO-WAY RAMPS ARE MINIMUM 5.5m WIDTH + 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm. RESIDENTIAL RAMPS LESS THAN 20m LONG REQUIRE A MAXIMUM GRADE OF 25% WITH GRADE TRANSITIONS AT EITHER END IF GRADE CHANGE IS IN EXCESS OF 12.5% (SUMMIT) AND 15% (SAG).
RAMP REQUIRES 2.0m LONG GRADE TRANSITIONS AT EITHER END OF RAMP TO COMPLY WITH AS2890.1.

BLIND AISLES REQUIRE 1.0m EXTENSION FROM LAST CAR SPACE FOR FULL LENGTH OF AISLE. CLEARANCE BETWEEN WALL AND GARAGE DOOR TO BE INCREASED BY 300mm TO COMPLY WITH AS2890.1.

REFER TO DRAWING C.82 FOR RESIDENTIAL GARAGE SPATIAL REVIEW IN THIS AREA.

CAR PARK ASSUMED TO BE FOR PRIVATE RESIDENTIAL ACCESS ONLY. THEREFORE, NO PROVISION FOR A TURNING BAY IS REQUIRED. IF CAR PARK IS TO BE ACCESSED BY THE PUBLIC, PROVISION OF A TURNING BAY IS REQUIRED IF THE AISLES EXCEED THE WIDTH OF 6 X 90 DEGREE CAR SPACES (~14.4m) + ADDITIONAL 1.0m BLIND AISLE EXTENSION.
NOTE ONLY, NO ACTION REQUIRED.

BLIND AISLES REQUIRE 1.0m EXTENSION FROM LAST CAR SPACE FOR FULL LENGTH OF AISLE. CLEARANCE BETWEEN WALL AND GARAGE DOOR TO BE INCREASED BY 300mm TO COMPLY WITH AS2890.1.

CIRCULATION AISLE SHOWN WITH 5.50m BETWEEN WALLS. AS2890.1 REQUIRES MINIMUM 5.5m WIDE CIRCULATION ROADWAYS WITH 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm.

MINIMUM 6.1m WIDE CIRCULATION AISLE TO BE PROVIDED BETWEEN WALLS TO COMPLY WITH AS2890.1.

CAR PARK ASSUMED TO BE FOR PRIVATE RESIDENTIAL ACCESS ONLY. THEREFORE, NO PROVISION FOR A TURNING BAY IS REQUIRED. IF CAR PARK IS TO BE ACCESSED BY THE PUBLIC, PROVISION OF A TURNING BAY IS REQUIRED IF THE AISLES EXCEED THE WIDTH OF 6 X 90 DEGREE CAR SPACES (~14.4m) + ADDITIONAL 1.0m BLIND AISLE EXTENSION.
NOTE ONLY, NO ACTION REQUIRED.

CAR SPACES LOCATED ADJACENT THE PROPOSED BUILDING K WASTE ENCLOSURE CURRENTLY DO NOT ACHIEVE COMPLIANT CLEARANCES FROM PROPOSED WALLS.
MINIMUM 300mm CLEARANCE TO BE PROVIDED BETWEEN WASTE ENCLOSURE WALLS AND ADJACENT CAR SPACES TO COMPLY WITH AS2890.1.

CIRCULATION AISLE SHOWN WITH 6.1m BETWEEN WALLS. AS2890.1 REQUIRES MINIMUM 5.5m WIDE CIRCULATION ROADWAYS WITH 300mm CLEARANCE FROM WALLS AND OBSTRUCTIONS GREATER THAN 150mm.

CIRCULATION AISLE IS CURRENTLY COMPLIANT WITH AS2890.1.

CAR SPACE CURRENTLY ENCR OACHES INTO ADJACENT WALL. MINIMUM 300mm CLEARANCE TO BE MAINTAINED BETWEEN CAR SPACES AND WALLS/OBSTRUCTIONS GREATER THAN 150mm.

CAR PARK SPATIAL REVIEW - BASEMENT (SHEET 01 OF 02)

1:500 @ A1

REFER TO DRAWING C.82 FOR CONTINUATION

REFER TO DRAWING C.82 FOR CONTINUATION

