

ZETT  
PLANS  
& Consulting

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Client:	Astley Homes
Road Name:	Caldwell Parade
Suburb:	Yagoona
Road Type:	2 Way 2 Lane
Operation:	Kerb Lane Take Out
Term:	Short
Speed Limit:	50km/h
Speed Reduction:	N.a
ROL Number:	N.a
ROL Classification:	N.a
Date Prepared:	03/05/2024
Date Approved:	03/05/2024
Date Revised:	N.a
TC@WS REFERENCE BASED ON TCP #92	PWZTMP
N.C.S:	Hume Highway
Designed By:	Daneil Marzetti #0052242601
Approved By:	Noah Nguyen-Luu #1025516
Size:	A3 Size
Plan Reference Number:	00AHSW06
TCs Required:	N.a

RECOMMENDED TAPER LENGTH			
Traffic Speed (Km/H)	Traffic Control at beginning of Taper	Later shift taper	Merge Taper
45 or less	15	0	15
45 - 55	15	15	30
56 - 65	30	30	60
66 - 75	N/A	70	115
76 - 85	N/A	80	130
86 - 95	N/A	90	145
96 - 105	N/A	100	160
> 105	N/A	110	180



- GENERAL NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AS1742.3 & TC@WS 6.1
  - ALL TRAFFIC CONTROL DIAGRAMS TO BE READ CONJUNCTION WITH THE TC@WS 6.1
  - NON APPLICABLE EXISTING SIGNAGE SHALL BE COVERED E.G. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.
  - ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1742.3 & TC@WS 6.1
  - IN ACCORDANCE WITH TC@WS 6.1 TRAFFIC CONTROLLERS TO ASSIST PEDESTRIANS
  - WITH MOVEMENT THROUGH & AROUND THE WORKSITE.
  - SIGNAGE SHALL BE PLACED ON THE SIDE OF THE ROAD ADJACENT TO THE TRAFFIC FLOW.
  - REMOVAL OF TRAFFIC CONTROL, SIGNS AND DEVICES SHOULD BE UNDERTAKEN IN THE REVERSE ORDER OF ERECTION, PROGRESSING FROM THE WORK AREA OUT TOWARD THE APPROACHES.

Dimension "D"		
SPEED OF TRAFFIC (KM/H)	AS.1742.3	TC@WS
45 OR LESS	15m	15m
46 - 55	15m	50m
56 - 65	45m	60m
GREATER THAN 65	EQUAL TO POSTED SPEED LIMIT	

**QUEUE MANAGEMENT**

AT ALL TIMES DURING THE COURSE OF THE WORK, TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARNING SIGNS.

**TOLERANCES**

POSITIONING OF SIGNS MINIMUM 10% LESS THAN THE DISTANCE OR LENGTHS GIVEN MAXIMUM 25% MORE THAN THE DISTANCE OR LENGTHS GIVEN SPACING OF DELINEATING DEVICES MAXIMUM 10% MORE

**VEHICLE MOVEMENT PLAN**

ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLERS WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL.

**TGS IMPLEMENTATION**

ZETT PLANS DOES NOT ACCEPT LIABILITY FOR OR ENDORSE THE USE OF THE TGS UNLESS IMPLEMENTED DIRECTLY BY AN AUTHORIZED REPRESENTATIVE OF ZETT PLAN, HOLDING VALID QUALIFICATIONS TO CARRY OUT SUCH WORKS.

**LANE WIDTHS**

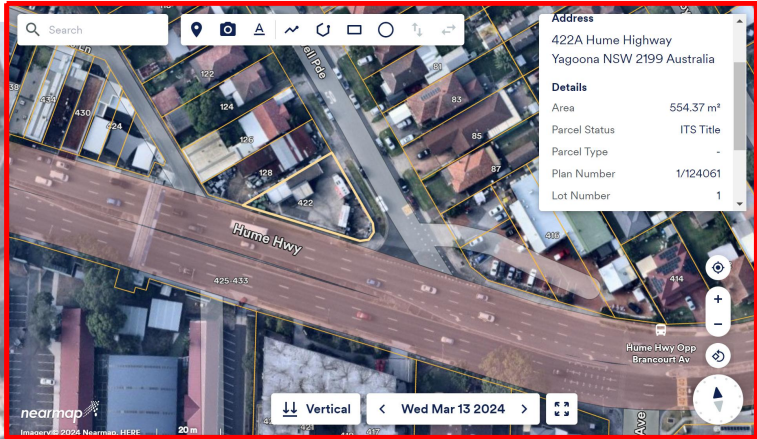
THE MIN LANE WIDTH TO BE PROVIDED THROUGH OR PAST THE WORKSITE FOR VEHICLES SHALL BE 3.0m (3.5m DESIRABLE).

**Emergency Vehicles To Have Priority At All Times And Not To Be Impacted By The Works Proposed.**

**Legend**

● Barrel ● Bollard

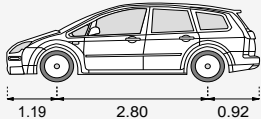
ASTLEY HOMES



Notes: Swept Path P3

- Emergency Vehicles To Have Priority At All Times And Not To Be Impacted By The Works Proposed.
- Layback Width Slab (Including Wings): 10.6m
- Driveway Width: 4m
- Internal Road/Driveway Length: 19m
- No Parking Line Marking:
- East Length: 12.5m  
South Length: 8.9m  
West Length: 6.5m  
North Length: 6.5m
- 422A Hume Highway, Yagoona NSW 2199 Total m2: 554.37
- Reversing Vehicles To Implement A 2 Point Turn To Exit Site.
- This Swept Path Is Designed With The Understanding That Vehicles Are To Only Enter From The Driveway Fronting Caldwell Pde.
- In The Event Of A Change In Onsite Conditions, Or Alternate Vehicle Usage, This Swept Path Will No Longer Be Valid.
- Pedestrians To Be Prioritised At All Times & Protected By Fixed Pedestrian Bollards.

Vehicle dimensions



B85 Car

- Length: 4.86 m  
Max width: 1.87 m  
Lock to lock time: 4.0 s  
Max steering angle: 33.73°  
Turn radius (curb to curb): 5.80 m  
Turn radius (wall to wall): 6.50 m

Parking Space Width/Length

