

APEX ENGINEERING SOLUTIONS PTY LTD

Structural & Civil Engineers
Gold Coast, Queensland
RPEQ Reg: 10245



ENG
STRUCT

BEAM SCHEDULE - LEVEL 2

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PROJECT: PADDINGTON TERRACE RENOVATION

Client: Heritage Names QLD | Location: 48 Latrobe Tee, Paddington
Design: P. McGregor, RPEQ | Date: 18 MAY 2019

PRIMARY BEAMS - EXISTING TO REMAIN

MARK	SECTION	QTY	LEN OF R	GRADE	REMARKS
B1	<u>310UC158</u>	2	5400	300	Existing column - verify dimensions on site. Corrosion tested at ends. [handwritten: "CHNGE TO 376UC737 - PMG"]
B2	250 UB 37 . 2	1	4200	Not marked	Timber beam replaced 1987. CHECK ACTUAL SIZE ON SITE
B3	200UC46.2	4	3800	-	(coffee sta Paint System A required)

NEW STEELWORK - TO BE INSTALLED

MARK	SECTION	QTY	LEN GTR	GRADE	REMARKS
NB-01	460UB 82 . 1	3	6500	300PLUS	Main support beam. Fly brace @ 1500 centres. [handwritten red pen: "camber 20mm"]
NB-02	MB 1220+ 6 . 0	2	7200	HA350	Web beam - non-standard section per A81574. Verify with supplier. See Detail D-12/2-330 for connection detail
NB-03	MB 1220+ 6 . 0	6	1000	300PLUS	<i>[handwritten: 'DELETED - NOT REQ'D']</i>
NB-04	250PFC	8	3200	C300	Hot dip galvanised per AS/NZS 4680 Hold 4Dwgs grows under base plate

GENERAL NOTES:

1. All new steelwork to AS 4100-1998
2. Protective coating System P1 (2 coats) unless noted as galvanised
3. Existing members: verify actual size on site before fabrication of connections
4. [handwritten in margin] "Site meeting 22/5/19 - confirm B1 size with client"

DESIGN LOADS:

Dead Load: 0.2 kPa (self weight + cladding)
Live Load: 2.0 kPa (AS1110.1 Clause 3.2)
Wind: Region B2, M33

PROJECT:	DRAWING NO:	REVISION:
PADDINGTON TERRACE RENOVATION	S-103	D
CLIENT:	SHEET:	STATUS:
Heritage Homes GLD	4 of 9	FOR CONSTRUCTION
DRAWN: S. SDK	CHECKED: B.R.	DATE: 19 MAY 2019