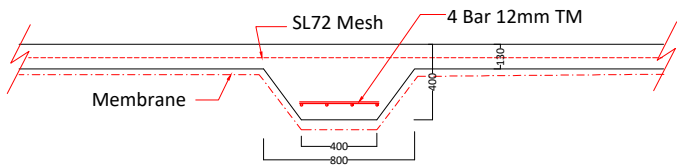
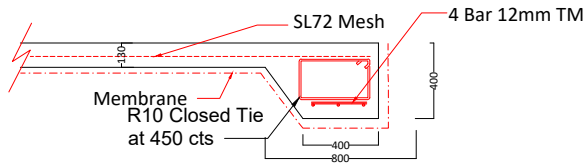


Pile Depths to be minimum shown or deeper to competent ground (rock)	
1,2	RL40.0
3,4,5,6	RL40.1
7,8,9,10,11	RL40.4
12,13	RL41.0

Note
1. These Piles are not based on structural necessity. They are included to satisfy Sydney Water requirements for building adjacent to sewer.



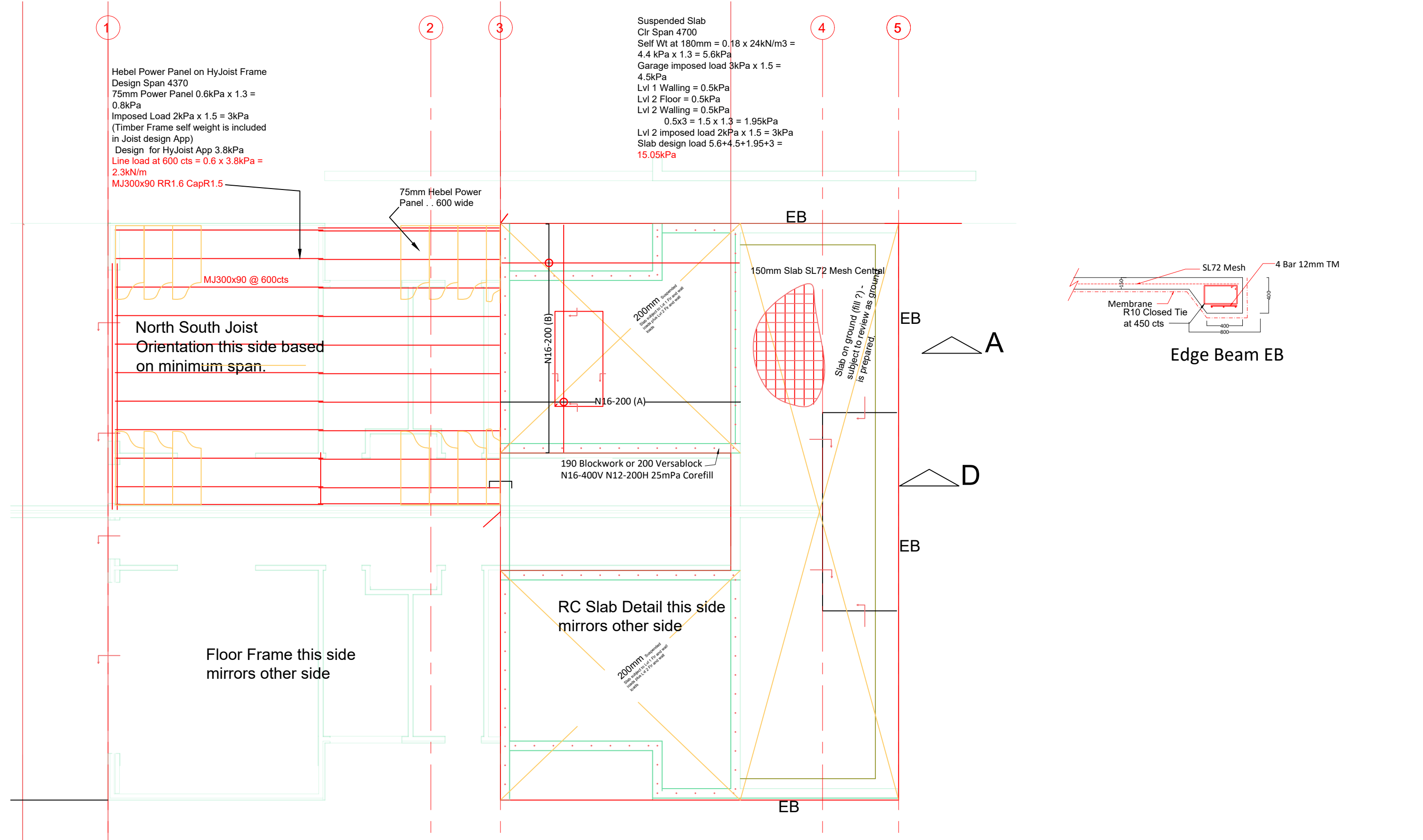
Intermediate Beam IB



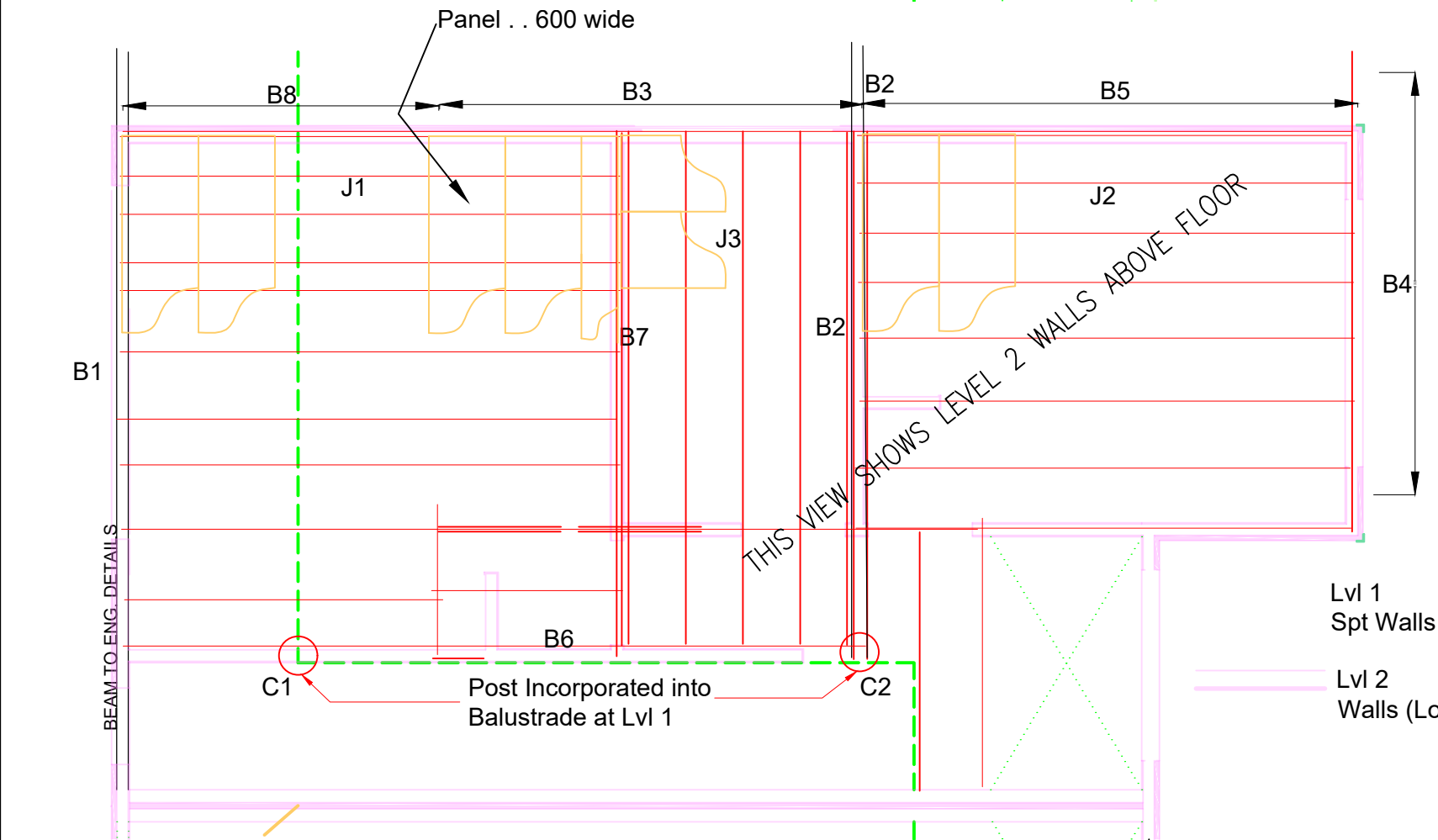
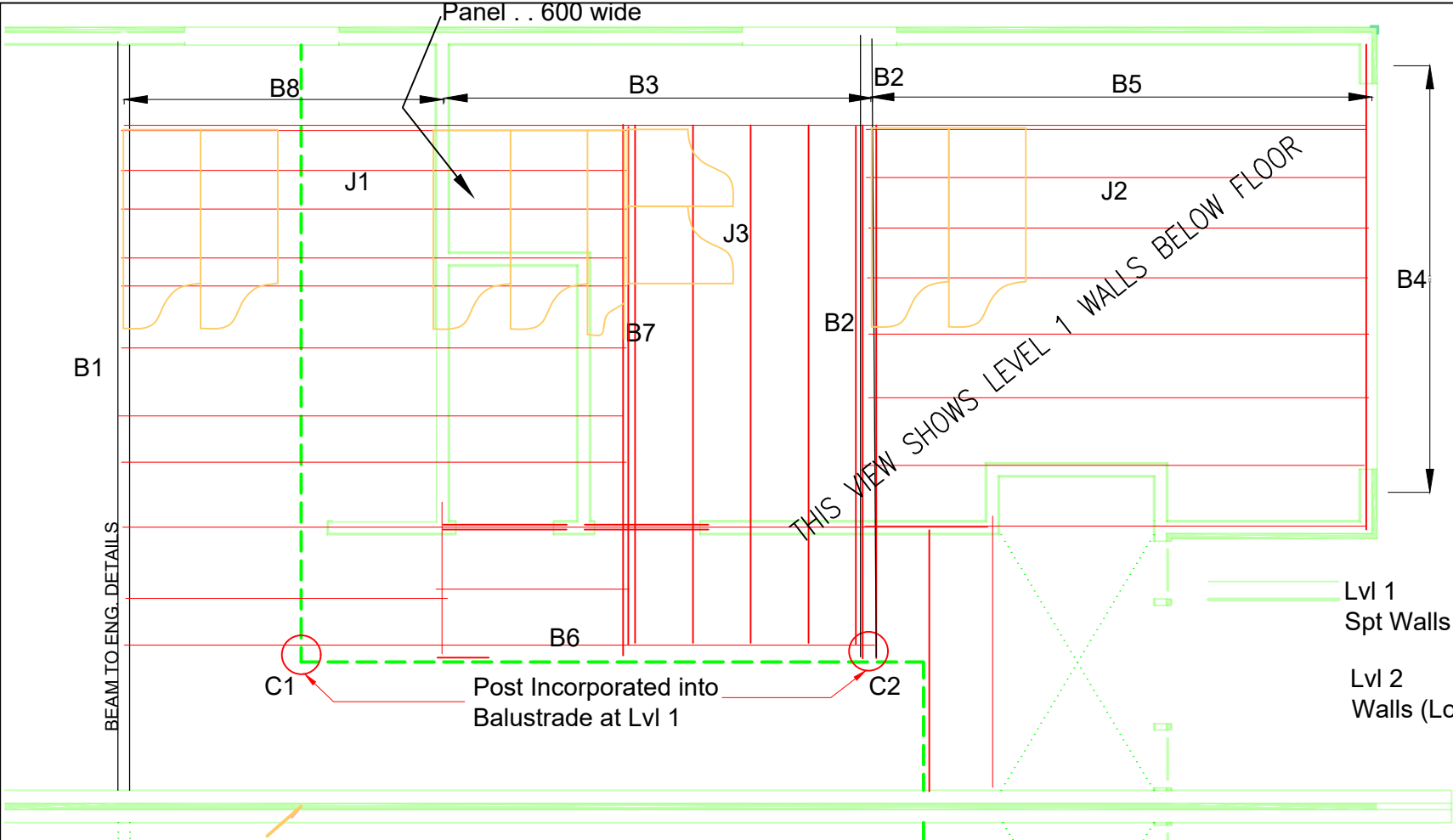
Edge Beam EB

Level 0 Floor Slab

A	for information	Richard Weber Chartered Prof. Engineer 189528 40 Phoenix St LaneCove NSW 2066 Tel 0400 770068 rweber@bigpond.net.au	286 Sydney Rd Balgowlah		Zac & Grace Palace	Level 0 Slab Plan	Designed R Weber	Drawn R Weber	Date
							Drawing No. / Revision		
							S01		



A	for Information	Richard Weber Chartered Prof. Engineer 189528 40 Phoenix St LaneCove NSW 2066 Tel 0400 770068 rweber@bigpond.net.au	286 Sydney Rd Balgowlah		Zac & Grace Palace	Lvl 1 Floor Slab and Framing Plan	Designed R Weber	Drawn R Weber	Date
							Drawing No. / Revision		
							S02		



Beam and Column Table for Level 2			
B1	Spt Level 2 Wall and Roof	6000m	250UB31 or 250PFC
B2	Loads frm B3-B5 and internal Lvl 2 Wall over Open Garage	3900 clear for design 4900 installed	200UB25 or 2/HS30090 or 3/HJ30063
B3	Spt Lvl 2 Wall and Roof	3400	HS30075 or 2/HJ30045
B4	Window Head	3319	HS30063 or HJ30063
B5	Spt Lvl 2 Wall and Roof	3900	HS20045 or HJ20045
B6	Spt Lvl 2 Wall and Roof	4475 (C1-C2) 5845 (B1-C2)	2/ HS30063 or 2HJ30063
B7		4165	HS30045 or HJ30063
B8		2520	HS20036 or HJ20045
C1/ C2	Spt B6 - part of Balustrade		To match Balustrade
J1	Floor Joists Supporting Hebel Power Panel	3930	MJ30090-600 RR2.5 MJ30063-600 RR1.8
J2	ditto	3900	MJ30090-600 RR2.5 MJ30063-600 RR1.8
J3	ditto	4200 3200 (des)	MJ25563-450 RR2.3 MJ24063-450 RR2.0

HS = Hyspan or Meyer Equivalent
HJ = HyJoist or Meyer Equivalent

- Note
- The 2 layouts differ only in that 1 layout shows walls over the Lvl 2 Floor Frame Plan - the other layout shows supporting walls under the Lvl 2 Floor frame plan.
 - Wet area joists are orientated to reduce the need for pipes to pass through joists . . . but builder may have differing views. e.g. PowerPanel orientation across whole floor may be more desirable although the need for wet area set down is not consistent with powerpanel continuity across whole floor .
 - East Side layout shown, is mirrored by West Side layout (not shown)

A First Issue for Information		Richard Weber Chartered Prof. Engineer 189528 40 Phoenix St LaneCove NSW 2066 Tel 0400 770068 rweber@bigpond.net.au	286 Sydney Rd Balgowlah		Zac & Grace Palace	Lvl 2 Floor Frame Plan	Designed R Weber	Drawn R Weber	Date
							Drawing No. / Revision S03		



Note

1. Details of the Lvl 0 slab on ground are subject to review when the demolition and excavation reveals site soil conditions.
2. An example of change may be additional Intermediate Beams (IB) or deeper Edge Beams (EB) and or piers to competent ground.
3. Piles at northern edge are not based on structural necessity. They are included to satisfy Sydney Water requirements for building adjacent to sewer.



Note

1. Details of the Lvl 0 slab on ground are subject to review when the demolition and excavation reveals site soil conditions.
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3. Piles at northern edge are not based on structural necessity. They are included to satisfy Sydney Water requirements for building adjacent to sewer.

Designed R Weber	Drawn R Weber	Date
Drawing No. / Revision S04		