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BEAM SCHEDULE

Beam Mark	Beam Size	No. Studs 19mm dia x 95mm high	Camber (mm)	Nos of bolts
B1	460 UB 82	34	35	4
B2	610 UB 113	Non Comp (3)	15	5
EB1	610 UB 113	Non Comp (0)	ncu	5
EB2	700 WB 150	90	25	7
PB1	700 WB 150	50	25	7

ncu means natural camber up
Non Comp (3) = 3 studs equally spaced for lateral restraint

NOTES:

- The design conforms to AS4100-1998 & AS2327.1-2003
- Design Loads :
Live Loads - Office 4 kPa (reducible)
Superimposed Dead Loads - 1.3kPa
Construction Loads in accordance with Appendix F - AS2327.1-2003
Incremental Deflection Limit = SPAN / 350
Total Deflection Limit = SPAN / 250 Internal beams
Total Deflection Limit = SPAN / 500 Perimeter beams
Decking wet Deflection Limit = SPAN / 150
- These designs have been based on either Bondex, Condeck or Kingflor RF 55 as the steel decking placed in two or more span lengths with a wet concrete deflection limit of SPAN / 150 which is considered appropriate where visual quality is not important after ceilings have been installed.

oneSteel
market mills

ABN 42 004 651 325

1800 1 STEEL

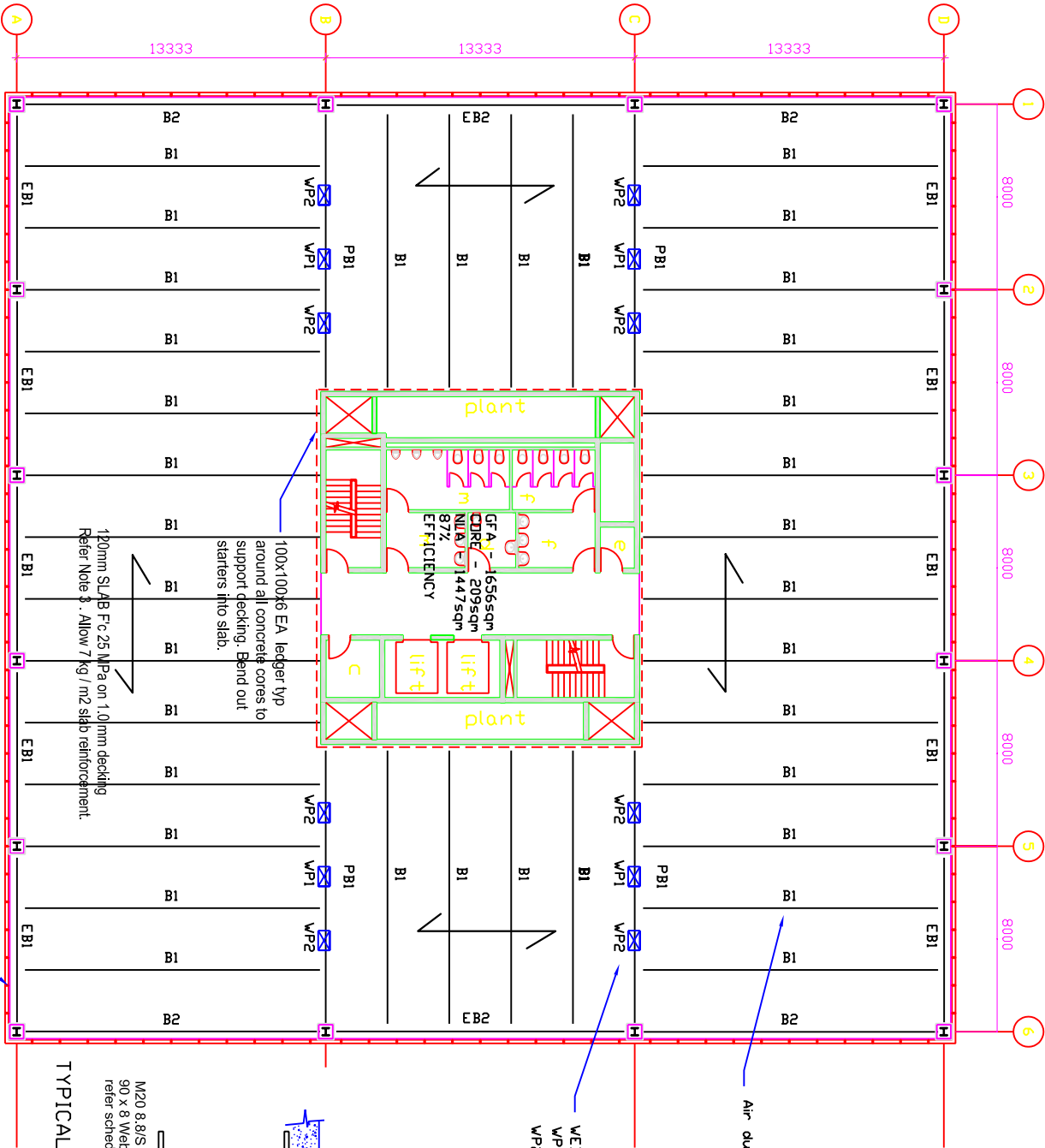
OneSteel
40 m x 40m Office
Steel Option 5

DATE 3.5.05

DRAWN GY

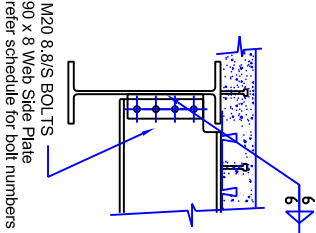
DRAWING No Option5

REV C



TYPICAL FLOOR FRAMING PLAN

TYPICAL CONNECTION



Facade Load = 4 kN/m

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