REFER DRAWING S00 FOR GENERAL NOTES

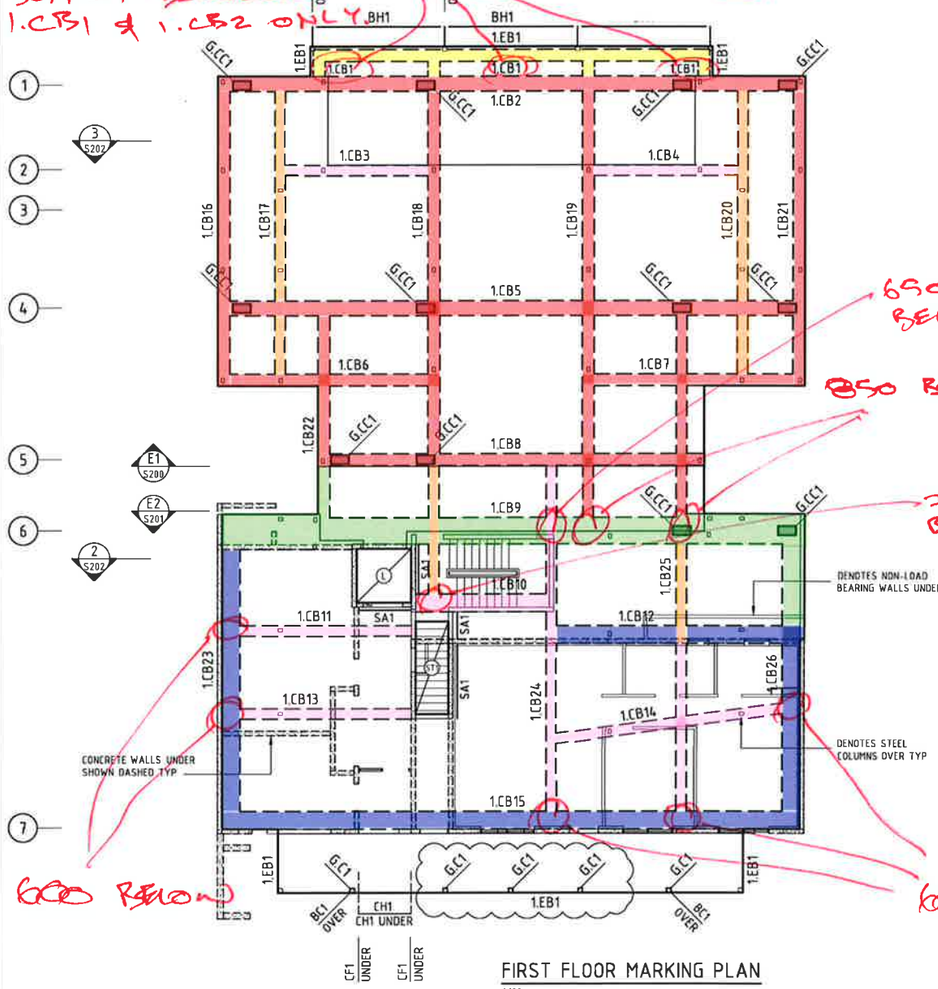
REFER DWG S407 DETAIL A. 1.CB1 590 BELOW. TAPER SOFFIT BETWEEN 1.CB1 & 1.CB2 ONLY.

RL'S NOT CHECKED REFER ARCHITECTS DWG'S

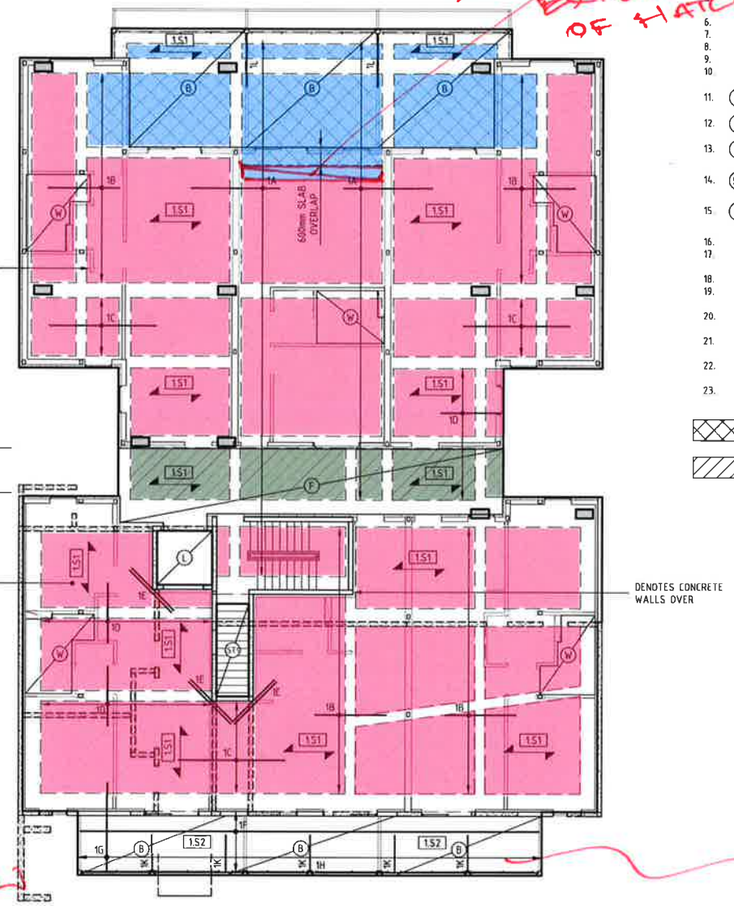
Beam Soffit RL's
- 850 below FFL - 40.850
- 700 below FFL - 41.000
- 650 below FFL - 41.050
- 600 below FFL - 41.100
- 500 below FFL - 41.200
- ANGLED SOFFIT - 40.850 angled to 41.110

Slab Soffit RL's
- 180 below FFL - 41.520
- 270 below FFL - 41.430
- 230 below FFL - 41.470

(ONLY SET DOWN SOFFIT TO EXTENT OF HATCH)



FIRST FLOOR MARKING PLAN
1:100



FIRST FLOOR SLAB PLAN
1:100

FIRST FLOOR SUSPENDED SLAB NOTES:

1. 1.S1 SUSPENDED SLAB TO BE 180 THICK (MINUS SETDOWNS) UNO. ON 10 BMT 'KINGFLOR KF57'. PROVIDE N12 @ 300 C/C TOP, EACH WAY & ADDITIONAL REINF' AS NOTED ON PLAN.
2. 1.S2 SUSPENDED SLAB TO BE 200 THICK 'OFF-FORM' UNO. PROVIDE REINFORCEMENT AS NOTED ON PLAN.
3. 'KINGFLOR KF57' SLAB TO BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THE MANUFACT' SPEC'.
4. PROVIDE PROPPING TO 'KINGFLOR KF57' SLAB AS PER THE MANUFACT' SPEC'.
5. MASONRY WALLS ARE NOT TO BE CONSTRUCTED ON SUSPENDED SLAB UNTIL FULLY DEPROPPED.
6. REFER TO DETAIL FOR FIRE REQ' TO SUSPENDED SLABS.
7. "LMB" DENOTES LOWER MOST BAR.
8. "UMB" DENOTES UPPER MOST BAR
9. " L " DENOTES LENGTH OF BAR
10. PROVIDE DRIP GROOVE TO EDGE OF BALCONIES.
11. (W) DENOTES SLAB SET DOWN 40mm FOR WET AREA.
12. (B) DENOTES SLAB SET DOWN 90mm FOR BALCONY.
13. (F) DENOTES SLAB SET DOWN 50mm FOR FOYER.
14. (ST) DENOTES STAIRWELL - REFER TO DETAILS
15. (L) DENOTES LIFT SHAFT - REFER TO DETAILS.
16. PROVIDE BEARERS WITH SUFFICIENT WIDTH TO MINIMIZE DAMAGE TO 'KINGFLOR KF57'.
17. PROVIDE AN APPROVED WATER PROOFING MEMBRANE TO THE MANFACT' SPEC' TO EXTERNAL SLABS.
18. CONFIRM ALL SET DOWNS, REBATES, RAMPS, FALLS ETC. WITH ARCH / CIVIL DRAWINGS.
19. PROVIDE NOMINAL N20 STUDS x 110 HIGH @ 1000 C/C TO NON-COMPOSITE FLOOR BEAMS, WELDED TO TOP FLANGE.
20. ALL COMPOSITE BEAMS ARE TO BE PROPPED AT MID-SPAN FOR 14 DAYS AFTER CONCRETE POUR.
21. PROVIDE SUITABLE PROTECTIVE COATING TO STRUCTURAL STEEL AS REQUIRED TO ACHIEVE THE SPECIFIED FRL.
22. PROVIDE ADDITIONAL N12 @ 300 C/C TOP PERPENDICULAR TO 'BONDEK' DIRECTION AT ALL TILED AREAS.
23. ALL SERVICE PIPE PENETRATIONS TO BE SLEEVED THROUGH SUSPENDED SLABS & BEAMS.

DENOTES 90mm SET DOWN TO SLAB SOFFIT.

DENOTES 50mm SET DOWN TO SLAB SOFFIT.

REINFORCEMENT SCHEDULE

MARK	DESCRIPTION
1A	N12 @ 150 C/C-TOP-3000 L-UMB
1B	N12 @ 300 C/C-TOP-2400 L-UMB
1C	N12 @ 150 C/C-TOP-3600 L-UMB
1D	N12 @ 150 C/C-TOP-2000 L-UMB
1E	2-N16-TOP-2000 L CRACK CONTROL BARS
1F	N16 @ 200 C/C-TOP & BOTTOM
1G	N16 @ 150 C/C-T & B-3000 L-UMB/LMB
1H	6-N16 (3T, 3B) ADDITIONAL
1K	4-N16-U BARS-1200 L, 100 SPACING CENTERED UNDER COLUMN
1L	4-N16-TOP-1800 L + 120 EDG, 100 SPACING CENTERED UNDER COLUMN

CONCRETE BEAM SCHEDULE

MARK	WIDTH X DEPTH	REINF.	LIGS.
1.CB1	400 x 500	6-N16 (3T,3B)	N10 @ 250 C/C
1.CB2	500 x 850	REFER TO ELEVATION	
1.CB3	350 x 600	6-N20 (3T,3B)	N10 @ 150 C/C
1.CB4	350 x 600	6-N20 (3T,3B)	N10 @ 150 C/C
1.CB5	500 x 850	REFER TO ELEVATION	
1.CB6	400 x 850	REFER TO ELEVATION	
1.CB7	400 x 850	REFER TO ELEVATION	
1.CB8	400 x 850	REFER TO ELEVATION	
1.CB9	900 MIN x 650/600	REFER TO ELEVATION	
1.CB10	600 x 600	12-N20 (6T,6B)	2/N10 @ 150 C/C
1.CB11	350 x 600	6-N20 (3T,3B)	N10 @ 150 C/C
1.CB12	600 x 500	REFER TO ELEVATION	
1.CB13	350 x 600	6-N20 (3T,3B)	N10 @ 150 C/C
1.CB14	350 x 600	6-N20 (3T,3B)	N10 @ 150 C/C
1.CB15	600 x 500	REFER TO ELEVATION	

CONCRETE BEAM SCHEDULE

MARK	WIDTH X DEPTH	REINF.	LIGS.
1.CB16	400 x 850	REFER TO ELEVATION	
1.CB17	350 x 700	REFER TO ELEVATION	
1.CB18	400 x 850/700	REFER TO ELEVATION	
1.CB19	400 x 850	REFER TO ELEVATION	
1.CB20	350 x 700	REFER TO ELEVATION	
1.CB21	400 x 850	REFER TO ELEVATION	
1.CB22	400 x 850/650	REFER TO ELEVATION	
1.CB23	600 x 500	REFER TO ELEVATION	
1.CB24	350 x 600	REFER TO ELEVATION	
1.CB25	350 x 850/700/600	REFER TO ELEVATION	
1.CB26	750/600 x 500/650	REFER TO ELEVATION	

CONCRETE COLUMN SCHEDULE

MARK	WIDTH X LENGTH	REINF.	LIGS.
G.C1	300 x 600	10-N32 VERTICAL	2/W10 LIGS @ 150 C/C 1/W10 LINK @ 150 C/C

STEELWORK SCHEDULE

MARK	MEMBER	REMARKS
G.C1	150 x 150 x 5.0 SHS	10 BASE PL, 4-M16 ANCHORS SITE WELD TO 1.EB1 ABOVE
BC1	150 x 150 x 5.0 SHS	BALCONY COLUMN - SITE WELD TO 1.EB1
1.EB1	230 PFC + 10 PLATE VERT'	CAST-IN CHANNEL - REFER TO DETAILS PROVIDE EXTENDED 12 CLEAT PL AT COLUMN LOCATIONS
BH1	89 x 89 x 6.0 SHS	BLADE HORIZONTAL - SITE WELD TO BLADE FRAMES
CF1	89 x 89 x 6.0 SHS	FULLY WELDED CANOPY FRAME - REFER TO DETAILS
CH1	89 x 89 x 6.0 SHS	CANOPY HORIZONTAL - SITE WELDED TO CF1
SA1	150 x 100 x 10 UA	SEATING ANGLE - REFER TO DETAIL

STEELWORK NOTES:

1. ALL STEELWORK TO BE GRADE 300+
2. ALL STEEL HOLLOW SECTION MEMBERS TO BE GRADE C450+ UNO.
3. ALL BOLTS TO BE GRADE 8.8/S. UNO
4. ALL ANCHORS TO BE HILTI HY200 INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
5. ALL EXPOSED STEELWORK TO HAVE A PROTECTIVE BARRIER THAT IS ADEQUATE FOR THE RELEVANT EXPOSURE CONDITIONS
6. PROVIDE WELDED SLEEVES TO ALL HOLLOW SECTION MEMBERS AT BOLTING LOCATIONS.
7. ALL SECONDARY FRAMING, TRIMMERS, CLADDING SUPPORT MEMBERS AND CLEATS TO BE PROVIDE AS REQUIRED IN ACCORDANCE WITH THE CLADDING MANUFACTURERS AND THE ARCHITECTURAL SPECIFICATIONS.

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PAGE: SSK35.

0 10 20 30 40 50 100mm
When sheet printed full size, the scale bar is 100mm.

No	REVISION	DRAWN	CHE'KD	DATE
B	REVISED FOR DPTI REQUIREMENTS	MY	FK	27.07.18
A	FOR APPROVAL	DG	FK	07.07.17

PROJECT
NEW APARTMENTS
AT: No. 168 PROSPECT ROAD PROSPECT SA
FOR: MICHAEL CALABRO

DRAWING TITLE
FIRST FLOOR PLANS

Civil, Environmental, Mechanical, Fire, Lifts
Structural, Geotechnical, Electrical, Hydraulics, Green ESD
Level 6, 100 Pirie Street, Adelaide SA 5000
Telephone 08 8238 4100
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TMK CONSULTING ENGINEERS

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