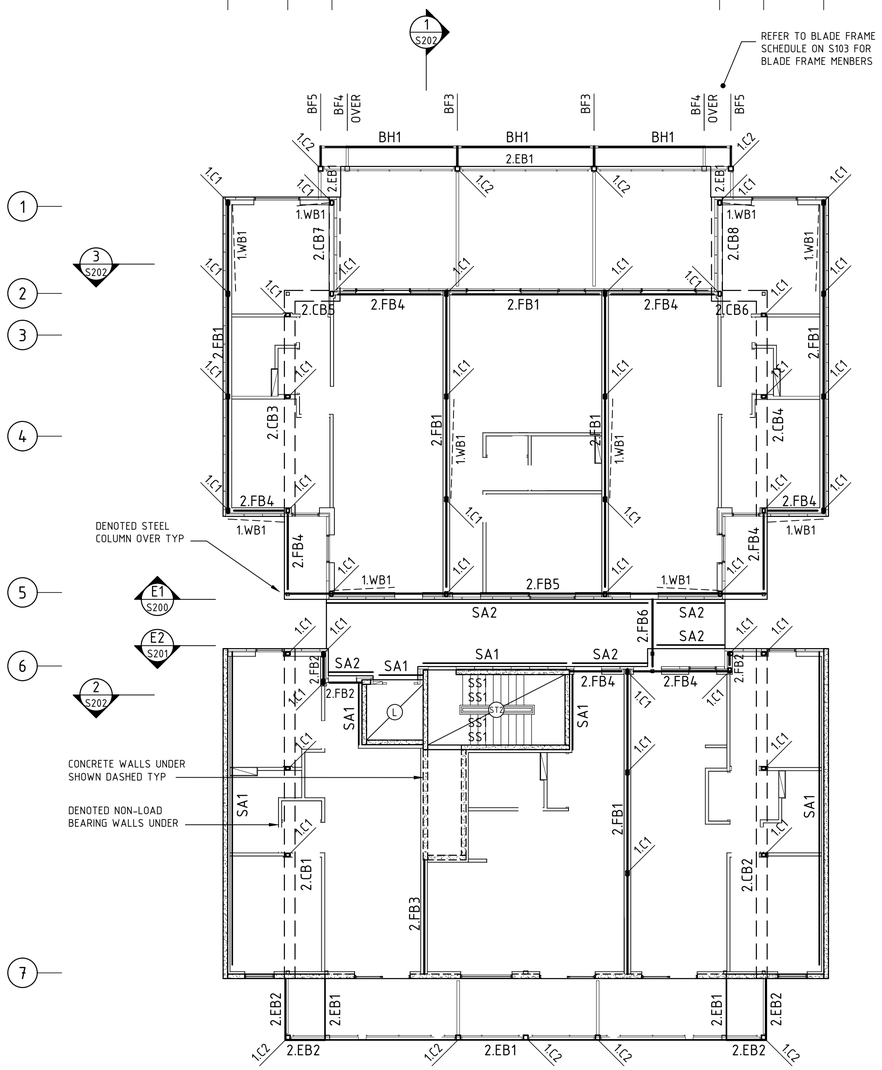
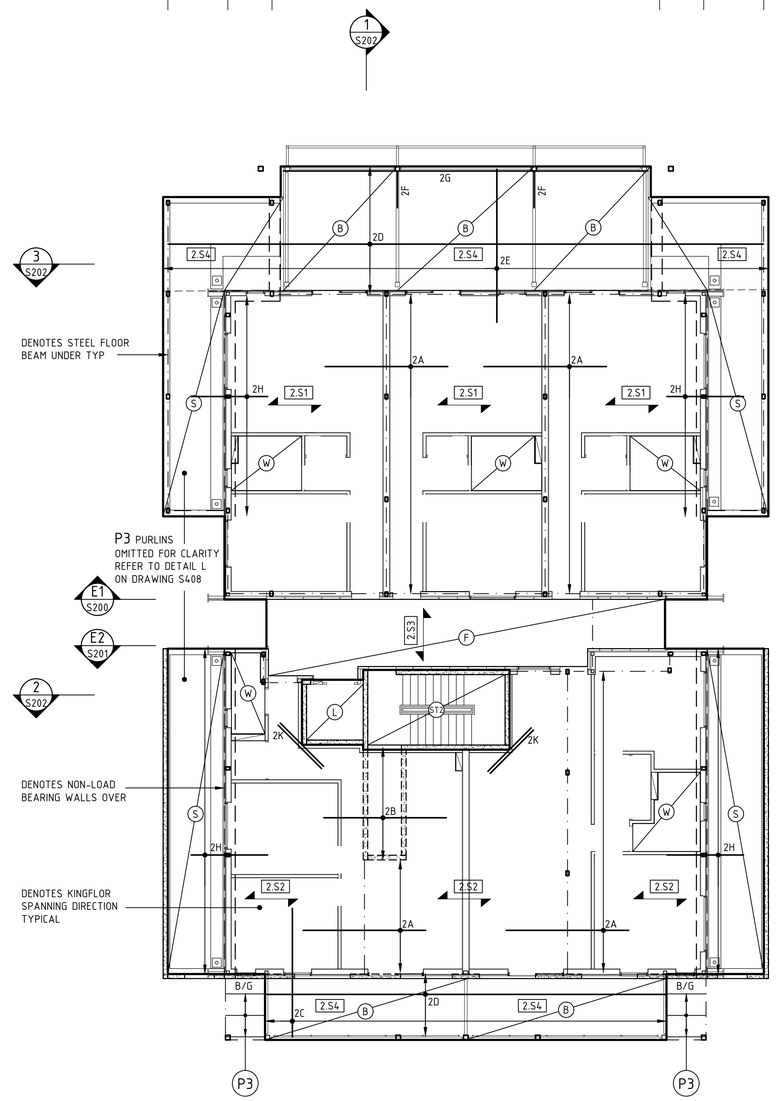
REFER DRAWING S00 FOR GENERAL NOTES



SECOND FLOOR MARKING PLAN

1:100



SECOND FLOOR SLAB PLAN

1:100

SECOND FLOOR SUSPENDED SLAB NOTES:

1. 2.S1 SUSPENDED SLAB TO BE 290 THICK (MINUS SETDOWNS) UNO. ON 1.0 BMT 'KINGFLOR KF57'. PROVIDE N12 @ 200 C/C TOP, EACH WAY & ADDITIONAL REINF' AS NOTED ON PLAN.
2. 2.S2 SUSPENDED SLAB TO BE 220 THICK (MINUS SETDOWNS) UNO. ON 1.0 BMT 'KINGFLOR KF57'. PROVIDE N12 @ 200 C/C TOP, EACH WAY & ADDITIONAL REINF' AS NOTED ON PLAN.
3. 2.S3 SUSPENDED SLAB TO BE 210 THICK UNO. ON 1.0 BMT 'KINGFLOR KF57'. PROVIDE N12 @ 200 C/C TOP, EACH WAY & ADDITIONAL REINF' AS NOTED ON PLAN.
4. 2.S4 SUSPENDED SLAB TO BE 200 THICK 'OFF-FORM' MINIMUM UNO. PROVIDE REINFORCEMENT AS NOTED ON PLAN.
5. 'KINGFLOR KF57' SLAB TO BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THE MANUFACT' SPEC'.
6. PROVIDE PROPPING TO 'KINGFLOR KF57' SLAB AS PER THE MANUFACT' SPEC'.
7. MASONRY WALLS ARE NOT TO BE CONSTRUCTED ON SUSPENDED SLAB UNTIL FULLY DEPROPPED.
8. REFER TO DETAIL FOR FIRE REQ' TO SUSPENDED SLABS.
9. "LMB" DENOTES LOWER MOST BAR.
10. "UMB" DENOTES UPPER MOST BAR
11. " L " DENOTES LENGTH OF BAR
12. PROVIDE DRIP GROOVE TO EDGE OF BALCONIES.
13. (W) DENOTES SLAB SET DOWN 40mm FOR WET AREA.
14. (B) DENOTES SLAB SET DOWN 90mm FOR BALCONY.
15. (F) DENOTES SLAB SET DOWN 50mm FOR FOYER.
16. (S) DENOTES SLAB SET DOWN 400mm.
17. (ST) DENOTES STAIRWELL - REFER TO DETAILS
18. (L) DENOTES LIFT SHAFT - REFER TO DETAILS.
19. PROVIDE BEARERS WITH SUFFICIENT WIDTH TO MINIMIZE DAMAGE TO 'KINGFLOR KF57'.
20. PROVIDE AN APPROVED WATER PROOFING MEMBRANE TO THE MANFACT' SPEC' TO EXTERNAL SLABS.
21. CONFIRM ALL SET DOWNS, REBATES, RAMPS, FALLS ETC. WITH ARCH / CIVIL DRAWINGS.
22. PROVIDE NOMINAL N20 STUDS x 110 HIGH @ 1000 C/C TO NON-COMPOSITE FLOOR BEAMS, WELDED TO TOP FLANGE.
23. ALL COMPOSITE BEAMS ARE TO BE PROPPED AT MID-SPAN FOR 14 DAYS AFTER CONCRETE POUR.
24. PROVIDE SUITABLE PROTECTIVE COATING TO STRUCTURAL STEEL AS REQUIRED TO ACHIEVE THE SPECIFIED FRL.
25. PROVIDE ADDITIONAL N12 @ 300 C/C TOP PERPENDICULAR TO 'BONDEK' DIRECTION AT ALL TILED AREAS.
26. ALL SERVICE PIPE PENETRATIONS TO BE SLEEVED THROUGH SUSPENDED SLABS & BEAMS.

CONCRETE BEAM SCHEDULE

MARK	WIDTH X DEPTH	REINF.	LIGS.
2.CB1	350 x 620	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB2	350 x 620	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB3	350 x 690	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB4	350 x 690	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB5	350 x 690	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB6	350 x 690	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB7	350 x 600	8-N20 (4T,4B)	N10 @ 150 C/C
2.CB8	350 x 600	8-N20 (4T,4B)	N10 @ 150 C/C

STEELWORK SCHEDULE

MARK	MEMBER	REMARKS
1.C1	150 x 100 x 9.0 RHS	FSBW TO CAST-IN PLATE (TOP & BOTTOM)
1.C2	150 x 150 x 5.0 SHS	SITE WELD TO EB1 TOP & BOTTOM
1.WB1	150 x 100 x 9.0 RHS	WALL BRACING - REFER TO DETAIL
2.FB1	250 PFC - CONTINUOUS	12 CLEAT PL, 3-M20 BOLTS TO 2.FB5
2.FB2	150 PFC	12 CLEAT PL, 2-M20 BOLTS EACH END
2.FB3	300 PFC	
2.FB4	200 PFC	
2.FB5	380 PFC - CONTINUOUS	
2.FB6	250 UB 31	12 CLEAT PL, 2-M20 BOLTS EACH END PROVIDE 40mm HORIZ SLOTTED HOLES EACH END
2.EB1	230 PFC + 10 PLATE VERT'	CAST-IN CHANNEL - REFER TO DETAILS PROVIDE EXTENDED 12 CLEAT PL AT COLUMN LOCATIONS
2.EB2	2/230 PFC	MITRE CUT & FSBW AT CORNERS FSBW TO 2.EB1 & CAST-IN PLATE IN WALL PANEL
BH1	89 x 89 x 6.0 SHS	BLADE HORIZONTAL - SITE WELD TO BLADE FRAMES
SA1	150 x 100 x 10 UA	SEATING ANGLE - REFER TO DETAIL
SA2	150 x 100 x 10 UA	SEATING ANGLE - REFER TO DETAIL
SS1	250 x 16 PLATE	STAIR STRINGER - REFER TO DETAIL
P3	SC15015 PURLINS @ 900 C/C	1 ROW OF BRIDGING MID-SPAN

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.

REINFORCEMENT SCHEDULE

MARK	DESCRIPTION
2A	N12 @ 150 C/C-TOP-4000 L-UMB
2B	N12 @ 150 C/C-TOP-4500 L-UMB
2C	N16 @ 150 C/C (T & B)-4200 L-UMB/LMB
2D	N16 @ 200 C/C (T & B) CRANKED AT SLAB STEP
2E	N16 @ 150 C/C (T & B)-5000 L-UMB/LMB
2F	4-N16 U BARS-1200 L, 100 SPACING
2G	6-N16 BARS (3T, 3B) ADDITIONAL
2H	N12 @ 150 C/C TOP-2500 L-UMB CRANKED AT SLAB STEP
2K	2-N16-TOP-2000 L CRACK CONTROL BARS

0 10 20 30 40 50 100mm

When sheet printed full size, the scale bar is 100mm.

No	REVISION	DRAWN	CHE'KD	DATE
AA	FOR CONSTRUCTION	DG	FK	21.05.19

PROJECT

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

DRAWING TITLE

SECOND FLOOR PLANS

Civil, Environmental, Mechanical, Fire, Lifts
Structural, Geotechnical, Electrical, Hydraulics, Green ESD
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DATE	APR 2017
ENGINEER	FK
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DRAWING No.

1702160-S102/AA