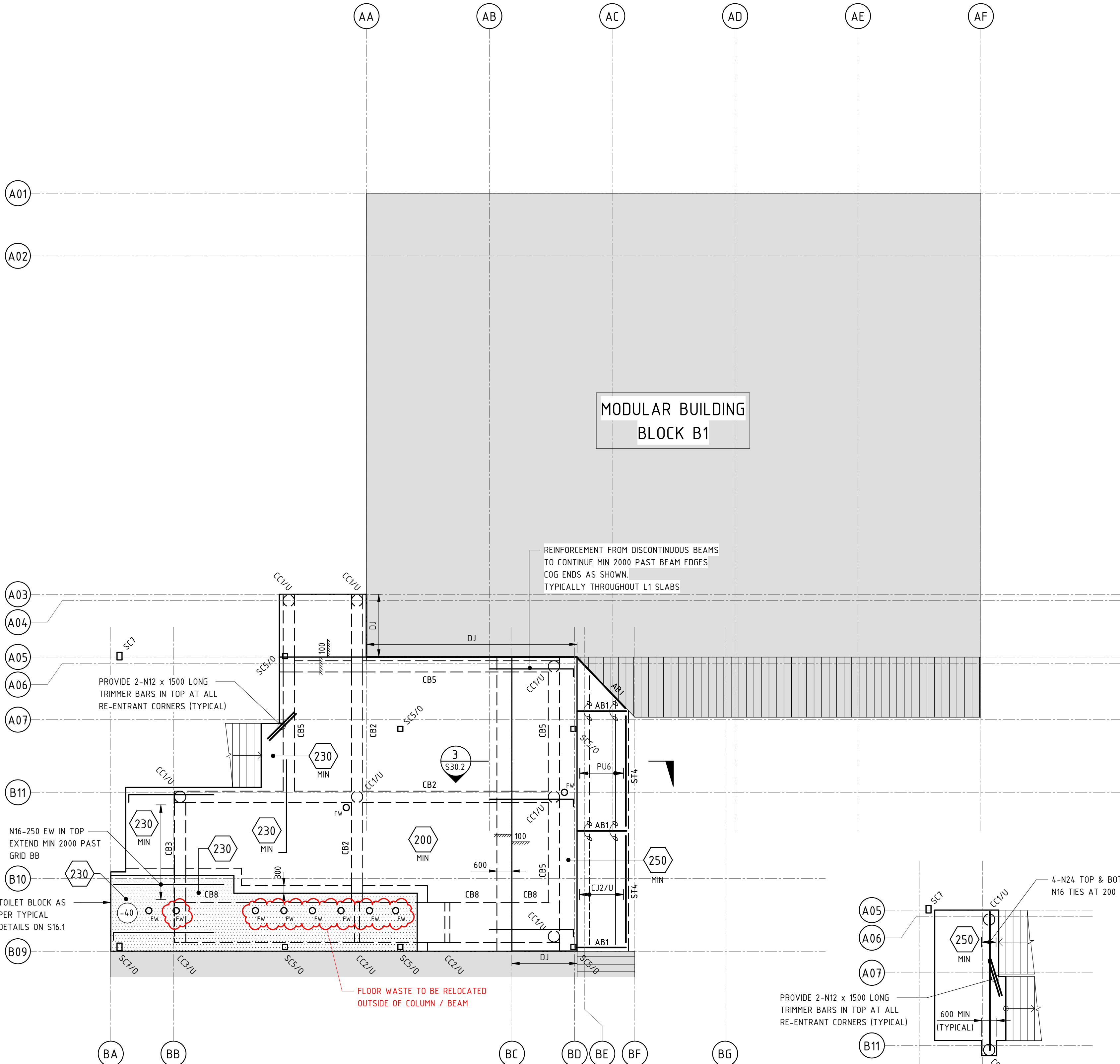


VERIFIER: PHIL O'HARA

JOB MANAGER: RORY DALE

DESIGNED: BRENDAN BLAKE

DRAWN: LIAM MCKEOUGH



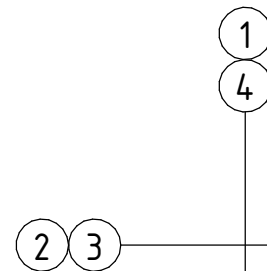
COLA B1-B2 LEVEL 1 SLAB PLAN

- SLAB TO BE 200 MIN THICK, CONCRETE STRENGTH 40MPa (TYPICAL U.N.O.).
- PROVIDE N12-250 CTS EACH WAY TOP & BOTTOM (TYPICAL U.N.O.).
- PROVIDE 2-N12 x 1500 LONG TRIMMER BARS IN TOP AT ALL RE-ENTRANT CORNERS (TYPICAL).
- FALLS TO ARCHITECTS DETAILS.

COLA B1-B2 STAIR PART PLAN

- PROVIDE N16-200 CTS EACH WAY TOP & BOTTOM (TYPICAL U.N.O.).
- REFER TO S50.1 FOR TYPICAL STAIR DETAILS.

LAYING SEQUENCE

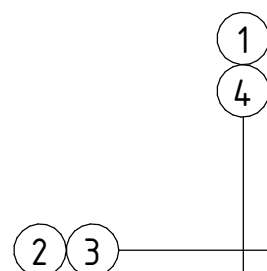


REINFORCEMENT LAP SCHEDULE

BAR SIZE	LAP LENGTH
N12	600
N16	700
N20	800
N24	1000
N28	1200
N32	1300
N36	1500
N40	1600

- LAP SLAB BTM REINFORCEMENT **ONLY** OVER COLUMN / BEAM LOCATIONS.
- LAP SLAB TOP REINFORCEMENT AT SLAB MIDSPANS.

BEAM LAYING SEQUENCE



COLUMN SCHEDULE

MARK	SIZE	COMMENT(S)
CONCRETE		
CC1	450 DIAMETER	10-N16 VERTICAL BARS WITH N12 TIES-300 CTS
CC2	200 x 1600	N16 VERTICAL BARS-200 CTS WITH N12 TIES-300 CTS
CC3	450 x 1600	N16 VERTICAL BARS-200 CTS WITH N12 TIES-300 CTS

STEEL		
DC1	100 x 100 x 5.0 SHS	DOOR COLUMN
SC1	310 UC 96.8	
SC2	310 UB 32.0	
SC3	250 x 150 x 9.0 RHS	
SC4	101.6 DIAMETER x 3.2 CHS	
SC5	200 x 200 x 5.0 SHS	
SC6	300 x 200 x 6.0 RHS	
SC7	300 x 200 x 8.0 RHS	

BEAM SCHEDULE

MARK	SIZE	COMMENT(S)
CONCRETE		
CB1	500 DEEP MIN x 450 WIDE	4-N24 IN TOP & BTM WITH N12 TIES-300 CTS
CB2	600 DEEP MIN x 450 WIDE	4-N24 IN TOP & BTM WITH R10 TIES-300 CTS
CB3	500 DEEP MIN x 450 WIDE	4-N16 IN TOP & BTM WITH R10 TIES-250 CTS
CB4	500 DEEP MIN x 450 WIDE	4-N20 IN TOP & BTM WITH R10 TIES-250 CTS
CB5	600 DEEP MIN x 450 WIDE	4-N16 IN TOP & BTM WITH R10 TIES-300 CTS
CB6	600 DEEP MIN x 450 WIDE	4-N28 IN TOP & BTM WITH R10 TIES-300 CTS
CB7	500 DEEP MIN x 1000 WIDE	8-N20 IN TOP & BTM WITH N12 TIES-300 CTS
CB8	600 DEEP MIN x 1600 WIDE	N16-200 TOP & BTM WITH R10 TIES-250 CTS

STEEL MEMBER SCHEDULE

MARK	SIZE	COMMENT(S)
PURLIN		
CJ1	SZ200 19-1200 CTS	CEILING JOIST, 2 ROWS BRIDGING AT THIRD POINTS
CJ2	SC150 15-1000 CTS	CEILING JOIST, 1 ROW BRIDGING AT MID POINTS
PU1	SZ200 24-1200 CTS	2 ROWS BRIDGING AT THIRD POINTS
PU2	SZ200 19-1200 CTS	2 ROWS BRIDGING AT THIRD POINTS
PU3	SZ200 15-1200 CTS	1 ROW BRIDGING AT MID POINTS
PU4	SZ200 19-2300 CTS	2 ROWS BRIDGING AT THIRD POINTS
PU5	SZ150 19-1200 CTS	
PU6	SC150 15-1000 CTS	1 ROW BRIDGING AT MID POINTS

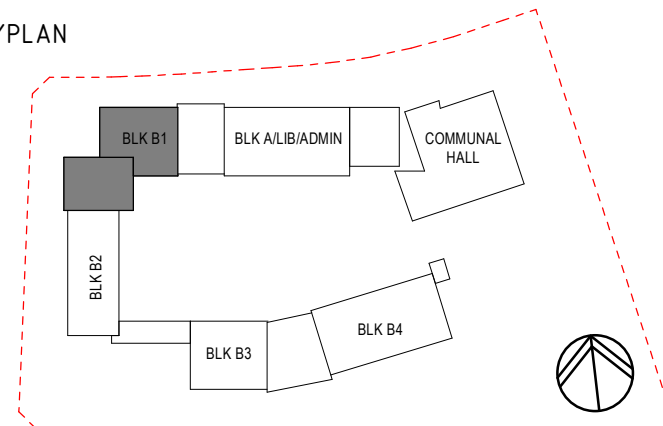
RAFTER		
AB1	250 PFC	AWNING RAFTER
STRUT		
ST	89 x 89 x 3.5 SHS	
ST1	125 x 125 x 4.0 SHS	
ST2	200 x 200 x 5.0 SHS	
ST3	300 x 200 x 6.0 RHS	
ST4	200 x 100 x 4.0 RHS	

LEGEND

	DENOTES SLAB THICKNESS
	DENOTES SLAB STEP
	DENOTES SETDOWN VALUE FOR WET AREAS
	DENOTES PENETRATION/VOID IN SLAB, PROVIDE TRIMMER BARS
	DENOTES REINFORCED CONCRETE COLUMN OVER
	DENOTES REINFORCED CONCRETE COLUMN UNDER
	DENOTES REINFORCED CONCRETE COLUMN OVER & UNDER
	DENOTES STEEL COLUMN OVER
	DENOTES STEEL COLUMN UNDER
	DENOTES STEEL COLUMN OVER & UNDER
	DENOTES 2 x 16 DIAMETER GALVANISED THREADED DOWEL RODS TO MODSCOPE AT ALL DOOR OPENINGS & WALKWAY JUNCTIONS, REFER TO S30.1 FOR DATILS (TYPICAL)
	DENOTES FLOOR WASTE, LOCATIONS NOT TO BE THROUGH CONCRETE BEAMS (TYPICAL)

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KEYPLAN



REV	DESCRIPTION	ISS'D	VER'D	APP'D	DATE
A	ISSUED FOR DDR	L.M		R.D	17.06.19
B	REVISED FOR DDR SUBMISSION	L.M		R.D	21.06.19
C	PROGRESS ISSUE	L.M		R.D	28.06.19
D	PROGRESS ISSUE	L.M		R.D	05.07.19
E	FINAL COORDINATION ISSUE	L.M		R.D	12.07.19
F	ISSUED FOR CONSTRUCTION	L.M	P.O'H	R.D	17.07.19

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DRAWING TITLE

**STRUCTURAL DRAWING
COLA B1-B2 LEVEL 1
SLAB PLAN**

JOB NUMBER

S182535-01

DRAWING NUMBER

S12.2

REVISION

F

DRAWING SHEET SIZE = A1

FOR CONSTRUCTION