



REFER DRAWING S00 FOR GENERAL NOTES

REINFORCED BLOCKWORK & MASONRY WALL NOTES:

- 1. 150 SERIES BLOCKWORK WALLS TO BE REINFORCED GENERALLY AS FOLLOWS:
  - a - HORIZONTALLY WITH 1-N10 AT 200 C/E UNO.
  - b - VERTICALLY WITH 1-N12 CENTRAL AT 200 C/E.PROVIDE A STARTER BAR FOR EACH VERTICAL BAR. 600 LAP, 500 EMBEDMENT. ENSURE VERTICAL REINFORCEMENT PROVIDED AT CORNERS AND ENDS OF WALLS.
- 2. 200 SERIES BLOCKWORK WALLS TO BE REINFORCED GENERALLY AS FOLLOWS:
  - a - HORIZONTALLY WITH 1-N12 AT 200 C/E UNO.
  - b - VERTICALLY WITH 1-N12 CENTRAL AT 200 C/E.
  - c - VERTICALLY WITH 1-N12 CENTRAL AT SIDE OF OPENINGS UNO.PROVIDE A STARTER BAR FOR EACH VERTICAL BAR. 600 LAP, 500 EMBEDMENT UNO. ENSURE VERTICAL REINFORCEMENT PROVIDED AT CORNERS AND ENDS OF WALLS.
- 3. PLANTER WALLS ON PENTHOUSE BALCONIES TO BE CAVITY BRICK CONSTRUCTION AND REINFORCED GENERALLY AS FOLLOWS:
  - a - HORIZONTALLY WITH 1-N10 AT EVERY SECOND BRICK COURSE.
  - b - VERTICALLY WITH 1-N12 CENTRAL AT 200 C/E.PROVIDE A STARTER BAR FOR EACH VERTICAL BAR. 600 LAP, 500 EMBEDMENT. ENSURE VERTICAL REINFORCEMENT PROVIDED AT CORNERS AND ENDS OF WALLS.
- 4. INFILL CONCRETE TO BE F'c = 25 MPa CONCRETE, SLUMP 230 +/- 30mm WITH 10mm AGGREGATE. ALL CORES TO BE CORE FILLED.
- 5. KNOCKOUT BLOCK LINTELS OVER OPENINGS TO BE AS FOLLOWS, ( U.N.O )
  - EQUAL TO OR LESS THAN 12m WIDE : SINGLE K.O BLOCK WITH 2-N12 BARS
  - EQUAL TO OR LESS THAN 2.0m WIDE : SINGLE K.O BLOCK WITH 2-N16 BARSALL CORES ARE TO BE CONCRETE FILLED OVER OPENINGS UP TO SUSPENDED SLAB LEVEL OR BOND BEAM AS APPLICABLE. LINTELS TO EXTEND BEYOND EDGE OF OPENING EACH SIDE TO ENGAGE ALL VERTICAL REINFORCEMENT ADJACENT TO THE OPENING.
- 6. ALL ANCHORS INTO CONCRETE MASONRY TO BE HILT HIT HY70 AND ARE TO BE FIXED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. 125mm EMBEDMENT FOR M16, 110mm EMBEDMENT FOR M12. ALTERNATIVELY, EQUIVALENT ANCHORS MAY BE USED SUBJECT TO APPROVAL.

FOOTING PLAN

1:100

FOOTING SCHEDULE			
MARK	WIDTH X DEPTH	REINF.	LIGS. #
M1	500 x 700	8-N20 (4T,4B)	W10 @ 300 C/C
m2	250 x 250	2-N16 BOTTOM	
et	250 x 250	1-N16 TOP	

PILECAP SCHEDULE			
MARK	LENGTH X WIDTH X DEPTH	PILES	REINF.
PC1	1100 x 1100 x 800	1 / BP6	REFER TO DETAIL
PC2	1300 x 1300 x 800	1 / BP7	REFER TO DETAIL
PC3	1600 x 1600 x 800	1 / BP8	REFER TO DETAIL
PC4	3950 x 1700 x 900	2 / BP7	REFER TO DETAIL
PC5	6750 x 6500 x 1100	9 / BP7	REFER TO DETAIL

FOOTING NOTES:

- 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DWGS & CR1.
- 2. MAINTAIN SLAB THICKNESS AND FOOTING DEPTH AT ALL SET DOWNS.
- 3. REINF. CONCRETE STRIP FOOTINGS ARE TO BE CONTINUOUSLY TRENCHED TO 200 MIN. INTO NATURAL GROUND OR CERTIFIED COMPACTED FILL UNO.
- 4. PAD FOOTINGS ARE TO BE ENTIRELY FOUNDED INTO NATURAL GROUND OR CERTIFIED COMPACTED FILL.
- 5. GROUND FLOOR SLAB TO BE 150mm THICK REINF. WITH ONE LAYER OF SL92 PLACED 25mm FROM THE TOP & BOTTOM FACE. (UNO)
- 6. REFER TO DETAIL FOR CORNER REINFORCEMENT AND LAGGING REQUIREMENTS, AND CDS FOR FLEXIBLE CONNECTION REQUIREMENTS IN ACCORDANCE WITH A CLASS 'E' SITE.
- 7. LAPS IN MESH TO BE ONE FULL SQUARE PLUS 25mm.
- 8. SETDOWNS, RAMPS, FALLS ETC. TO ARCHITECTURAL/CIVIL DETAIL.
- 9. EXISTING SERVICES ARE TO BE LOCATED PRIOR TO CONSTRUCTION AND THIS OFFICE IS TO BE CONTACTED IF THESE CLASH WITH THE ABOVE DOCUMENTED FOOTINGS.
- 10. UNDERGROUND SERVICES & STORMWATER PIPES TO RUN THROUGH THE MIDDLE THIRD OF FOOTINGS. REFER TO TYPICAL DETAILS. PAD / STRIP FOOTING RL'S MAY NEED TO BE LOWERED TO ACHIEVE (CONFIRM ON SITE)

PILE SCHEDULE				
MARK	DIAMETER	REINF.	LIGS. #	DEPTH
BP1	Ø450	6-N20 VERTICAL BARS	W10 @ 300 C/C	8.5 METERS BELOW BASEMENT FFL
BP2	Ø450	6-N24 VERTICAL BARS	W10 @ 300 C/C	8.0 METERS BELOW BASEMENT FFL
BP3	Ø450	9-N24 VERTICAL BARS	W10 @ 300 C/C	7.5 METERS BELOW BASEMENT FFL
BP4	Ø450	10-N24 VERTICAL BARS	W10 @ 300 C/C	6.9 METERS BELOW BASEMENT FFL
BP5	Ø600	10-N24 VERTICAL BARS	W10 @ 300 C/C	7.1 METERS BELOW BASEMENT FFL
BP6	Ø600	10-N20 VERTICAL BARS	W10 @ 300 C/C	**6.0 METERS BELOW BASEMENT FFL
BP7	Ø900	12-N24 VERTICAL BARS	W10 @ 300 C/C	**6.0 METERS BELOW BASEMENT FFL
BP8	Ø1200	15-N28 VERTICAL BARS	W10 @ 300 C/C	**6.0 METERS BELOW BASEMENT FFL

PILE NOTES:

- 1. GEOTECHNICAL REPORT BY COFFEY HAS IDENTIFIED POTENTIAL CONSTRUCTION DIFFICULTIES USING CONVENTIONAL BORED PILES FOR FOUNDED DEPTHS GREATER THAN 9.0 METERS BELOW EXISTING SURFACE LEVEL. THIS IS DUE TO THE PRESENCE OF SANDS AND WATER INGRESS. ADDITIONAL ALLOWANCES SHOULD BE MADE BY THE BUILDER DUE TO THESE CONDITIONS FOR CONVENTIONAL BORED PILE CONSTRUCTION.
- 2. \*\* SPECIFIED EMBEDMENT DEPTH FOR BP6, BP7 & BP8 IS APPROXIMATE ONLY. PILES TO BE FOUNDED 1 METER INTO CARISBROOKE SAND LAYER, AND IS TO BE CONFIRMED ON SITE BY THIS OFFICE.

AB	AS NOTED	DG	FK	08.02.19
AA	FOR CONSTRUCTION	DG	FK	19.10.18
No	REVISION	DRAWN	CHE'KD	DATE

PROJECT  
THE WILLCOX APARTMENTS  
AT: 117 PROSPECT ROAD  
PROSPECT, SA 5082  
FOR: CITIFY & BFC PTY LTD

DRAWING TITLE  
FOOTING PLAN

Civil  
Environmental  
Mechanical  
Fire  
Lifts

Structural  
Geotechnical  
Electrical  
Hydraulics  
Green ESD

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SCALES		DRAWING No.
AS SHOWN		
DRAWN	DG	1802052-S100/AB
DATE	APRIL 2018	
ENGINEER	FK	
CHECKED		