



SLAB LAYOUT PLAN

SCALE 1:50 AT A1  
SCALE 1:100 AT A3

500mm 0 1 2 3 4 5m  
SCALE 1:50 AT A1 SHEET | 1:100 AT A3 SHEET

LEGEND:

- DENOTES: MINIMUM SLAB THICKNESS
- DENOTES: BOREHOLE LOCATION. REFER TO SOIL BORELOG EXTRACT TABLE
- DENOTES: STEP IN SLAB TO ARCH'S DETAILS
- DENOTES: STEP IN FOOTING BEAM REFER TO DETAILS SHEET FTG. DEPTH TO BE MAINTAINED
- DENOTES: SET-DOWN TO ARCH'S DETAILS REFER TO DETAILS SHEET
- DENOTES: LOCALLY MASSED OUT BEAM
- DENOTES: PORCH SLAB. REFER TO DETAILS SHEET
- DENOTES: POLISHED CONCRETE. REFER TO NOTES
- DENOTES: 700 LONG x 300 WIDE x ??? DEEP MASS CONCRETE BUCKET PIERS
- DENOTES: 3-L1 1TM x 2000 LONG TRIMMERS OR 3N12 ALTERNATIVE, TIED TO UNDERSIDE OF TOP FABRIC
- DENOTES: 3N12 x 2000 LONG TRIMMERS CRANKED 45° AS REQUIRED, TIED TO UNDERSIDE OF TOP FABRIC
- DENOTES: 50x50x5.0 SHS H.D.G. COLUMN BUILT INTO BRICK PIER. BOLT TO FOOTING W/ 2M16 BOLTS, 10 BASE PLATE, 6 CAP PLATE, 8 CLEAT PLATE AND 2M12 BOLTS TO TIMBER FRAMING, TIE TO BRICKWORK IN ACCORDANCE WITH AS3700 AND THE NCC.

ISSUED FOR APPROVAL  
AMENDMENTS  
STATUS

14/05/18 A FT  
DATE ISSUE BY



1300 874 294 | TRIAXIAL.COM.AU  
LEVEL 2, 1 KING WILLIAM ROAD, UNLEY, SA 5061  
PO BOX 474, TANUNDA, SA 5352  
SYDNEY | ADELAIDE | BAROSSA | DARWIN | MUDGEE

CLIENT  
U. & F. FARINA FAMILY TRUST

PROJECT  
PROPOSED RESIDENCE  
71 East Ave  
Allenby Gardens

DESIGNED FT DRAWN FT DATE 14/05/18 SIZE A3 CAD REF TX12816.00

DRAWING TITLE  
SLAB LAYOUT PLAN

DRAWING No TX12816.00 ISSUE S2.0 A

CONCRETE QUALITY

ELEMENT	SLUMP	AGGREGATE (max. SIZE)	CEMENT TYPE	ADMIXTURE	F <sub>c</sub> (MPa)
FOOTINGS	100	20	GP	NIL	20
SLAB	100	20	GP	NIL	20

NOTE:

- FOR ADDITIONAL REINFORCEMENT AND OTHER REQUIREMENTS, REFER TO DETAILS.
- REFER TO DETAILS AND REQUIREMENTS IN FOOTING CONSTRUCTION REPORT PRIOR TO CONSTRUCTION.
- ALL FOOTINGS TO BE EMBEDDED 200 MIN. INTO NATURAL GROUND OR CERTIFIED CONTROL FILL.
- 40mm LAGGING TO ALL NON-VERTICAL PIPES
- FLEXIBLE CONNECTIONS ARE TO BE PROVIDED TO ALL SERVICE PIPES AND DRAINS REFER TO DETAILS
- ENSURE SLAB AND BEAM DEPTH IS MAINTAINED AT ALL SET-DOWNS
- DEPTH OF UNCONTROLLED FILL IS NOT TO EXCEED 400mm. IF FILL EXCEEDS 400mm IN DEPTH THEN FOOTING BEAMS ARE TO BE EMBEDDED 200 MIN. INTO NATURAL GROUND AND THE SLAB IS TO BE THICKENED TO 125 MIN. WITH ADDITIONAL LAYER OF BOTTOM MESH.
- SL92 SLAB MESH IS REQUIRED WHERE TILED AREA EXCEEDS 16 SQM.
- DURING CONSTRUCTION, WATER RUN-OFF SHALL BE COLLECTED & CHanneled AWAY FROM THE BUILDING.
- WORKS TO BE IN ACCORDANCE WITH AS 2870 & AS 3600
- ALL FOOTINGS ON BOUNDARY ARE TO BE 600mm MIN. BELOW NEIGHBOURS GROUND LEVEL

CONCRETE COVER U.N.O.

REINFORCEMENT TO HAVE THE FOLLOWING CLEAR CONCRETE COVER:  
CAST AGAINST MEMBRANE = 30mm  
CAST AGAINST UNPROTECTED GROUND = 50mm  
INTERNAL SURFACES = 20mm  
EXTERNAL SURFACES = 40mm

RAFT SLAB SPECIFICATION

AREA	THICKNESS	REINFORCEMENT	COVER
INTERNAL - DRY	100 MINIMUM	SL92 TOP FABRIC	20 TOP
INTERNAL - WET	100 MINIMUM	SL92 TOP FABRIC	40 TOP
EXTERNAL	100 MINIMUM	SL92 TOP FABRIC	40 TOP

FOOTING SCHEDULE

MARK	SIZE (MINIMUM)	REINFORCEMENT
EB1	300 WIDE x 500 DEEP EDGE BEAM	2N16 TOP, 2N16 BTM, W/ R6-900 TIES
SB1	300 WIDE x 500 DEEP STIFFENING BEAM	2N16 TOP, 2N16 BTM, W/ R6-900 TIES

SOIL BORELOG EXTRACT

BH1	BH2	BH3	BH4	BH5	BH6	SOIL DESCRIPTION	COLOUR	FILL/ NATURAL
-	-	-	0-50	-	0-50	ADDITIONAL FILL FROM STORMWATER DRAINAGE PLAN	-	FILL
0-350	0-450	0-550	50-600	0-550	50-600	CLAY SILTY SANDY	BROWN	NATURAL
350-800	450-950	550-800	600-1000	550-800	600-1050	CLAY SILTY SANDY	RED BROWN	NATURAL
800-1600	950-2150	800-1100	1000-1550	800-1650	1050-2250	CLAY SILTY TRACE SAND	REDDISH BROWN	NATURAL
1600-2250	-	1100-2100	1550-2050	1650-2250	-	CLAY SILTY TRACE SAND	BROWN	NATURAL
-	2150-2550	2100-2400	2050-2400	-	-	CLAY SILTY	BROWN	NATURAL
2250-3000	2550-3000	2400-3000	2400-3050	2250-3000	2250-3050	CLAY SILTY	GREYISH BROWN	NATURAL

SITE CLASSIFICATION = H1-D/P

THIS INFORMATION IS APPROXIMATE AND MUST BE REFERRED BACK TO THE GEO-TECHNICAL ENGINEERS REPORT.  
DO NOT CONSTRUCT OR BASE ESTIMATES FROM THIS TABLE.