

## PLAN SCALE 1:100 ı FOUNDATION SLAB

ALL PIERS TO BE 4000 EXCAVATED 1500 BELOW GROUND LEVEL BEARING ON FIRM UNIFORM NATURAL GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 300 KPa.

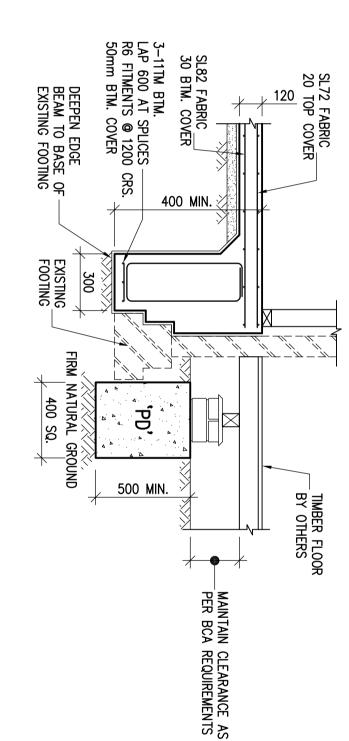
PD: 400SQ. x 500 DEEP MASS CONCRETE PAD BEARING ON FIRM UNIFORM NATURAL GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 200 KPa.

 $\mbox{BP}: 300 \mbox{ WIDE } \times 600 \mbox{ LONG } \times 500 \mbox{ DEEP MASS CONCRETE BUCKET PIER EXCAVATED TO FIRM UNIFORM NATURAL GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 200 KPa.$ 

EDGE BEAMS AND INTERNAL RIBS EXCAVATED TO FIRM NATURAL GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 200 KPa.

THIS FOUNDATION SLAB DESIGN TAKES INTO ACCOUNT THE RECOMMENDATIONS OF A.S.2870 IN RESPECT OF CLASS M (MODERATELY REACTIVE) SITE CONDITIONS AS WELL AS THE CHARACTERISTICS OBSERVED DURING OUR INSPECTION ON 15–12–14

NO GEOTECHNICAL TESTING HAS BEEN CARRIED OUT.



SECTION SCALE 1: 20 B-B

## NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWING AND SPECIFICATION.
- ALL CONCRETE AND WORKMANSHIP TO BE IN ACCORDANCE WITH A.S.3600 ASSOCIATED AUSTRALIAN STANDARDS AND THE FOLLOWING TABLE:

5

ELEMENT	SLUMP	MAX. AGG. SIZE	GRADE
PIERS	100mm	20mm	N20
FOUNDATION SLAB	80mm	20mm	N25

- DO NOT PLACE CONDUITS, PIPES, ETC. IN CONCRETE COVER

4.

۶

- REINFORCEMENT SYMBOLS:

  R DENOTES PLAIN 230R GRADE BARS TO AS 1302

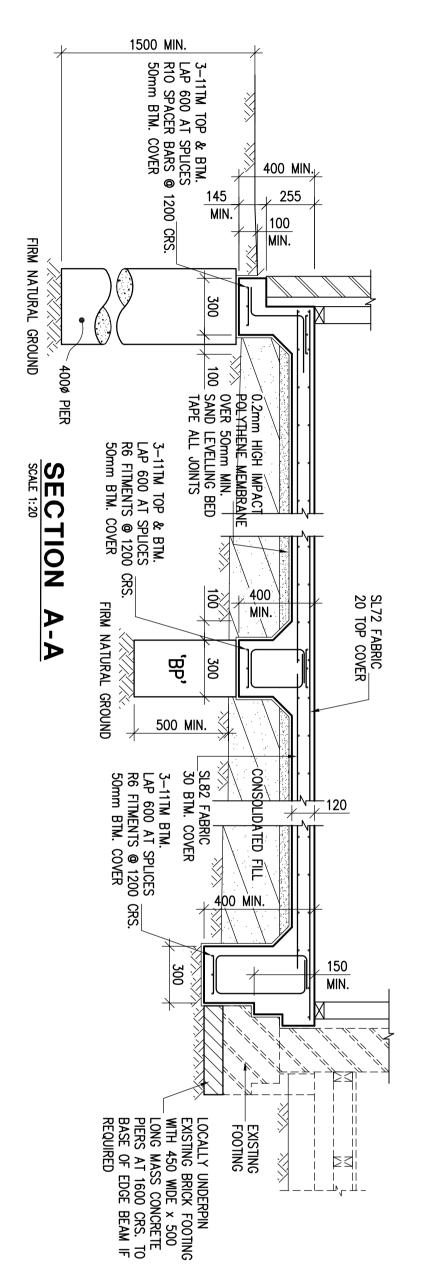
  SL— DENOTES DEFORMED SQUARE D500SL GRADE MESH TO AS/NZS 4671

  TM— DENOTES HARD DRAWN TRENCH MESH TO AS 1304
- CONCRETE IN SLABS TO BE MECHANICALLY VIBRATED DURING PLACING.
- CURE CONCRETE BY KEEPING CONSTANTLY DAMP FOR AT LEAST 5 DAYS AFTER PLACING.

6. 5

7.

- REINFORCEMENT TO BE SUPPORTED ON BAR CHAIRS SPACED AT EVERY 5TH WIRE IN BOTH DIRECTIONS.
- GRADE FINISHED GROUND SURFACE TO DIVERT WATER AWAY FROM SLAB ON ALL SIDES AND TO PREVENT PONDING.
- TERMITE PROTECTION TO BE IN ACCORDANCE WITH A.S.3660.1-1995 AND COUNCIL'S REQUIREMENTS



EMAIL: info@ kbgconsulting.com	PH (02) 8850-0799 FAX (0	UNIT 18, 7 ANELLA AVE
WEB: www.kbgconsulting.com	FAX (02) 8850-1277	ANELLA AVENUE CASTLE HILL NSW 2154
	CONSULT AUST	

ISSUE DATE APP'D

REVISIONS

DESCRIPTION

Member of:  CONSULT AUSTRALIA	CONSULTING STRUCTURAL & CIVIL ENGINEERS ABN 43 734 246 264  7 ANELLA AVENUE CASTLE HILL NSW 2154 8850-0799 FAX (02) 8850-1277  fo@kbgconsulting.com WEB: www.kbgconsulting.com
LTING PTY	KNEEBONE & BERETTA CONSULTING

SCALE

CLIENT :

CAPE COD AUSTRALIA PTY LTD

DATE

DRAWN

CHECKED

ASPROVED m

GROUP

1:100, 1:20	PROPOSED ADDITIONS TO RESIDENCE
21-01-15	AT 107 OFFI V STREET III VEIELD
A.W.	AT 107 CECIET STREET, ETETED
J.S.R.	FOR MR G. AND MRS B. DALY
5 must SEMELL	STRUCTURAL DETAILS

79161-1	DRAWING NUMBER

ISSUE