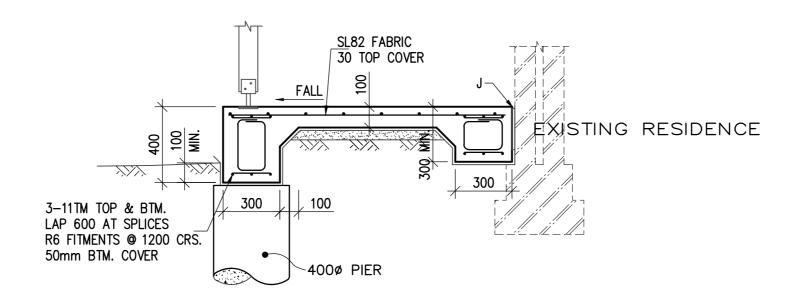


THIS FOUNDATION SLAB DESIGN TAKES INTO ACCOUNT THE RECOMMENDATIONS OF A.S.2870 IN RESPECT OF CLASS M (MODERATELY REACTIVE) SITE CONDITIONS AS WELL ÀS THE CHARACTERISTICS OBSERVED DURING OUR INSPECTION ON 2-03-2015 NO GEOTECHNICAL TESTING HAS BEEN CARRIED OUT.



## PLAN - FOUNDATION SLAB

ALL PIERS TO BE 400 DIA. x 1200mm DEEP BEARING ON FIRM UNIFORM NATURAL GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 300 KPa. U.N.O.

OVERLAP FABRIC ONE FULL UNCUT WIRE PANEL PLUS 25mm MIN. AT SPLICES & STAGGER JOINTS

- 'C': DENOTES 2-N12 x 1500 LONG BELOW TOP REINFORCEMENT
- SVJ: DENOTES 10mm STRAIGHT VERTICAL JOINT BETWEEN NEW AND EXISTING BRICKWORK. SEAL JOINT WITH MASTIC ON FOAM BACKING ROD.
- J: DENOTES 10mm EXPANSION JOINTING EQUAL TO ABELFLEX BETWEEN CONCRETE AND ABUTTING BRICKWORK
- DJ: DRILL & EPOXY GROUT 600 LONG N12 DOWELS @ 900CRS. 150 INTO EXISTING CONCRETE SLAB

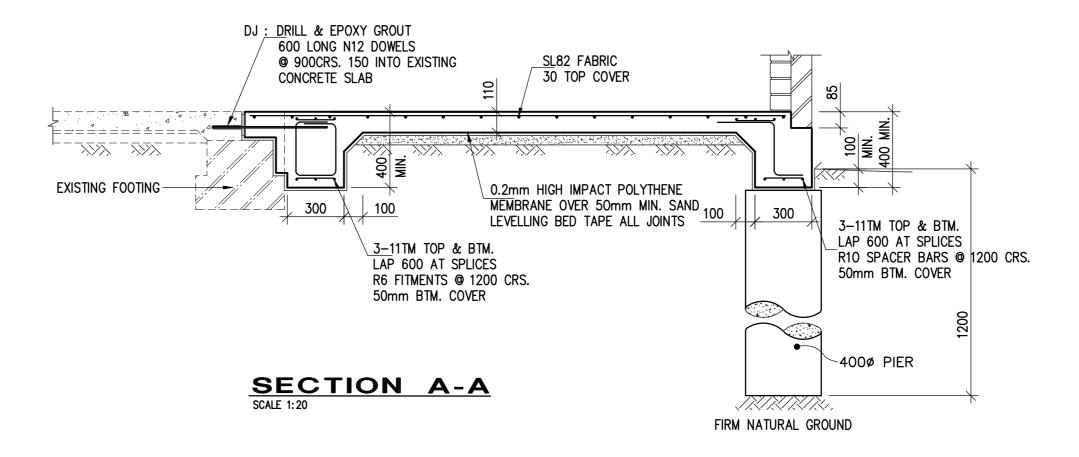
# **SECTION B-B**

### **NOTES:**

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

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

- 3. DO NOT PLACE CONDUITS, PIPES, ETC. IN CONCRETE COVER
- 4. REINFORCEMENT SYMBOLS:
  - N DENOTES DEFORMED D500N BARS TO AS/NZS 4671
  - 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.
- REINFORCEMENT TO BE SUPPORTED ON BAR CHAIRS SPACED AT EVERY 5TH WIRE IN BOTH DIRECTIONS.
- STRUCTURAL STEELWORK TO BE THOROUGHLY CLEANED OF DIRT, GREASE AND RUST AND PAINT PROTECTED OR GALVANISED AGAINST CORROSION.
- GRADE FINISHED GROUND SURFACE TO DIVERT WATER AWAY FROM SLAB ON ALL SIDES AND TO PREVENT PONDING.
- 10. TERMITE PROTECTION TO BE IN ACCORDANCE WITH A.S.3660.1-1995 AND COUNCIL'S REQUIREMENTS



DATE	APP'D	DESCRIPTION	
REVISIONS			
	DATE	DATE APP'D	

KNEEBONE & BERETTA CONSULTING PTY LTD CONSULTING STRUCTURAL & CIVIL ENGINEERS
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LID	DAT
per of:	DRA
AUCTRALIA	CHE
AUSTRALIA	APP

CONSULT

		CLIENT : CAPE COD ASTRALIA PTY LTD
.E	1:100 1:20	PROPOSED ADDITIONS TO RESIDENCE
	3-11-2015	PROPOSED ADDITIONS TO RESIDENCE 19 VISTA AVENUE, BALGOWLAH HEIGHTS
VN	0.C	19 VISTA AVENUE, BALGUWLAH HEIGHTS
KED	M.T/AV	FOR Mr. C & Mrs. A MURRAY

79263-1

DRAWING NUMBER

FOUNDATION SLAB

ISSUE

AT