

**CONQRA POLYRAFT
NEW ZEALAND**

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PROJECT :

" CONQRA "
CONQRA RAFT FLOOR DEATILS ON " EXPANSIVE CLAY " USING SOME COMPACTED HARDFILL TO LEVEL SITE.

FOR :-
CLASS M to M-D SITES AND CLASS H SITES SUPPORTING CLAD FRAMED BUILDINGS

PROVIDE VERTICAL CONTROL JOINTS IN WALL CLADDING AT THE FOLLOWING MAX. SPACINGS
(i) 12.0m MAX TIMBER CLADDING OR SHEET MATERIAL NOT SENSITIVE TO MOVEMENT
(ii) 4.0m MAX FOR STACCO
(iii) 6.0m FOR MASONRY VENEER

NOTE 1

THE DETAILS SHOWN ON THIS DRAWING ARE ONLY TO BE USED IN CONJUNCTION WITH THE FOUNDATION PLAN SUPPLIED SPECIFYING TYPE AND SPACING OF PILES AND OTHER COMPONENTS, APPROPRIATE TO SEISMIC ZONES

ALL CONCRETE TO HAVE A 28 DAY CRUSHING STRENGTH OF 20 MPa

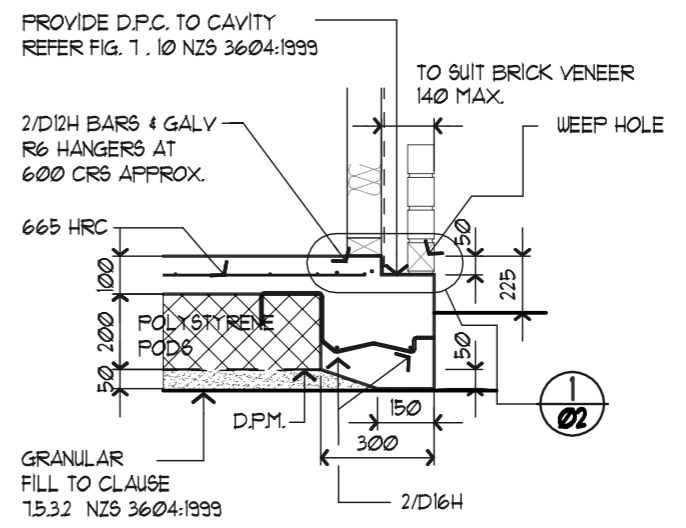
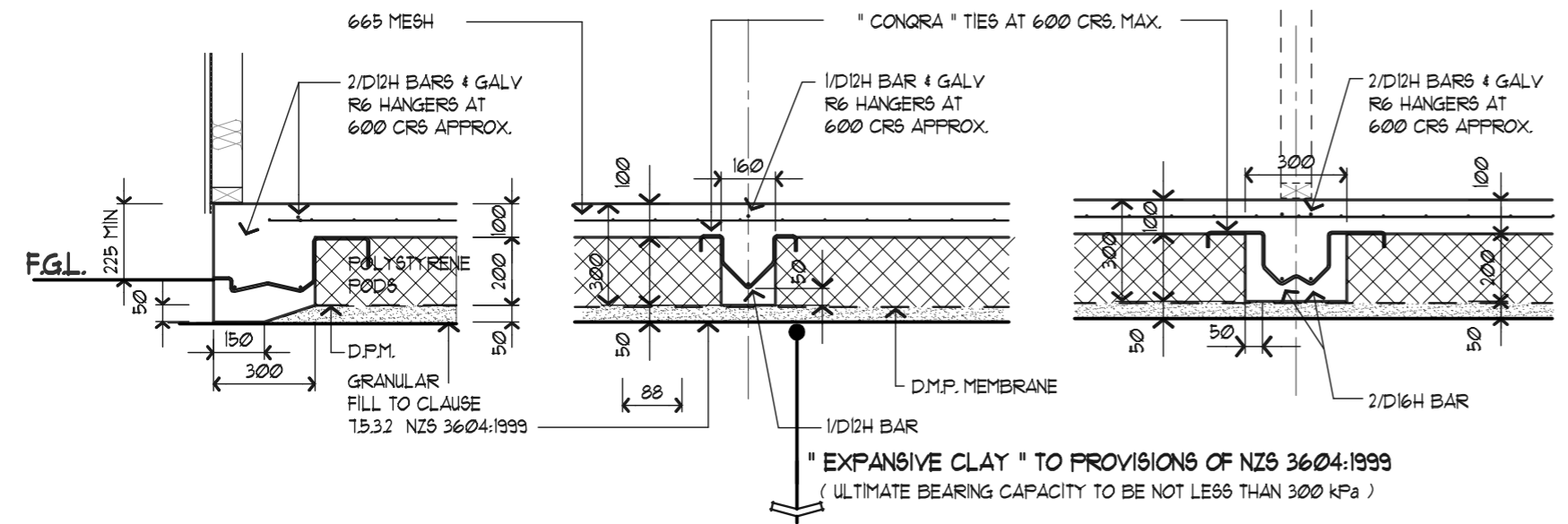
SIZES OF SOLID POLYSTYRENE PODS :-
1200 x 1200 x 200 DEEP

THIS PLAN SHALL ONLY BE USED WITH SPECIFIC DESIGN OF THE FOUNDATION AND PRODUCERS STATEMENT PREPARED BY :- REGISTERED CONSULTING ENGINEER

REFERENCE : AS / 2870 : 1996

PROVIDE 2/D12H BARS - 1200 LONG 150 APART AT 45° TO ALL SLAB RE-ENTRY INTERNAL CORNERS - OVER MESH

DESIGN	SCALE	
GB,EL,JB	AS SHOWN	
DRAWN	DATE	
J.N.B.	MARCH 2014	
JOB No	SHEET No	REV
555	04	"C"



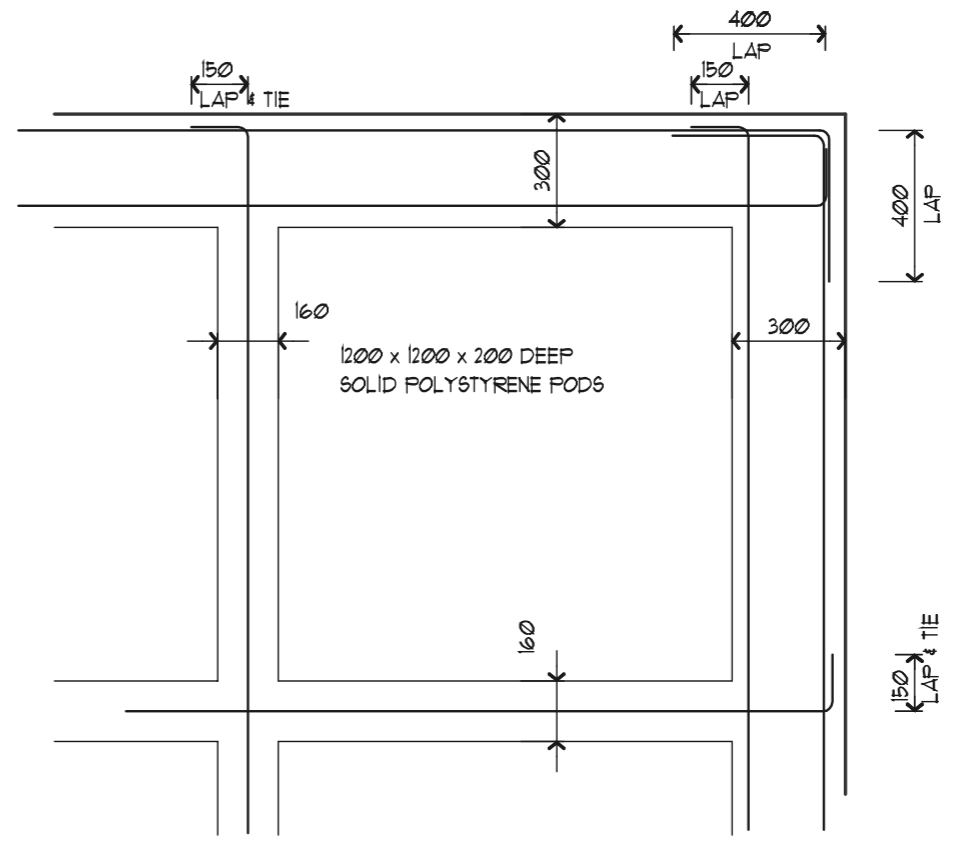
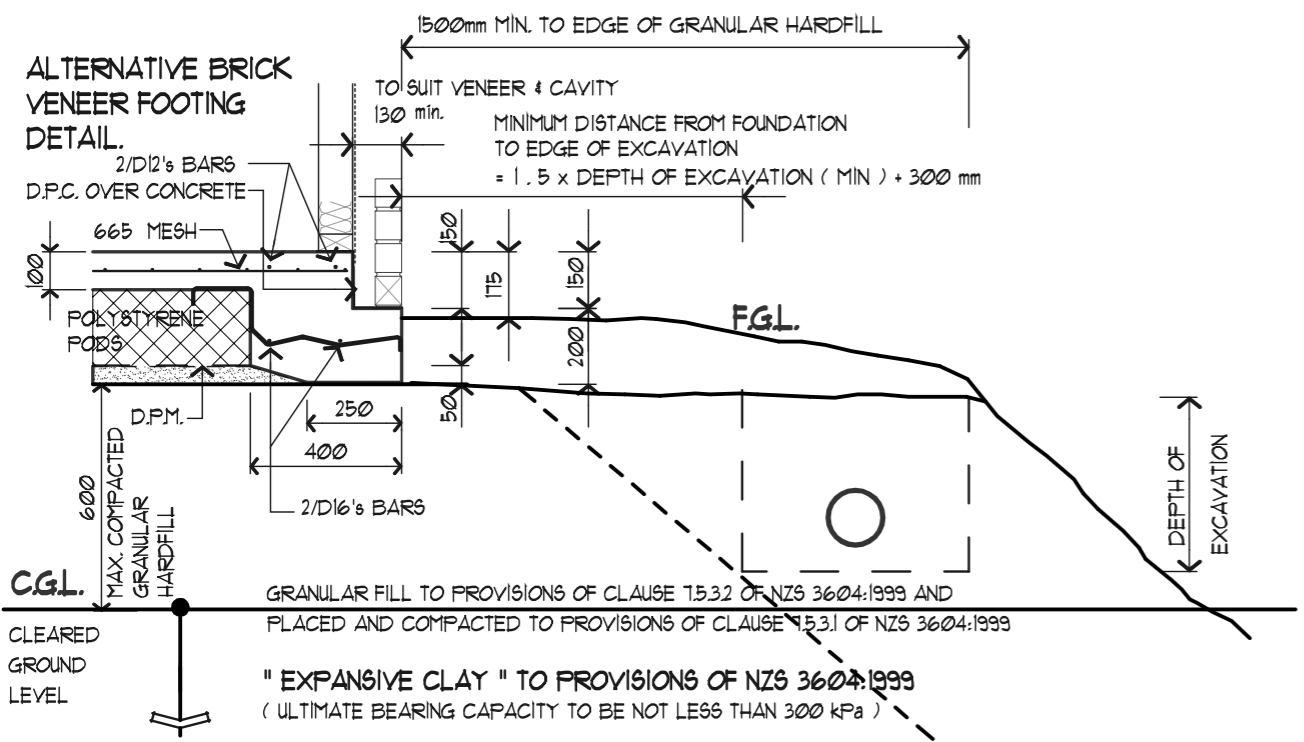
PERIMETER BEAM SUPPORTING WALL & SHEET CLADDING
(DETAIL FOR WELL DRAINED SOILS SHOWN. REFER NZBC E2/VM1 & ASI - FIG 6a FOR POORLY DRAINED SOILS)
PROVIDE PERIMETER DRAIN FOR POORLY DRAINED SOIL

FLOOR BEAMS UNDER DOMESTIC DWELLING & GARAGE FLOOR SLABS.
(NOT SUPPORTING LOAD BEARING WALLS)
1 . 5 kPa FLOOR LOADS OR 2 . 5 kPa & 9 kN POINT LOADS.

FLOOR BEAMS UNDER LOAD BEARING WALLS
2 . 5 kPa LIVE LOAD or 9 kN POINT LOAD

PERIMETER BEAM SUPPORTING WALL CLADDING & BRICK VENEER
(DETAIL FOR WELL DRAINED SOILS SHOWN. REFER NZBC E2/VM1 & ASI - FIG 6a FOR POORLY DRAINED SOILS)

TYPICAL FOUNDATION SECTIONS
SCALE 1 : 20



PLAN OF RIB LAYOUT REINFORCEMENT LAP DETAILS
LAP ALL BARS 400 mm

SEWER EXCAVATIONS LIMITATIONS TO CONTROL UNDERMINING FOUNDATION BY BREAK OUT OF HARDFILL

WHERE BREAKOUT OF HARDFILL IS POSSIBLE - USE " CONQRA - BIGFOOT " SYSTEM TO SUPPORT FOUNDATION