

PERIMETER BEAM SUPPORTING. WALL & SHEET CLADDING.

(DETAIL FOR WELL DRAINED SOILS SHOWN.

REFER NZBC E2/YMI & YES FIG 6a

FOR POORLY DRAINED SOILS N

PROVIDE PERIMETER DRAINED SOIL

OF POORLY DRAINED SOIL

FLOOR BEAMS UNDER DOMESTIC DWELLING & GARAGE FLOOR SLABS.

(<u>NOT</u> SUPPORTING LOAD BEARING WALLS)
1.5 kPa FLOOR LOADS OR 2.5 kPa
4 9 kN POINT LOADS,

TYPICAL FOUNDATION SECTIONS

SCALE 1 : 20

1500mm MÍN. TO EDGE OF GRANULAR HARDFÍLL ALTERNATIVE BRICK TO SUIT VENEER & CAVITY VENEER FOOTING 130 min. MINIMUM DISTANCE FROM FOUNDATION DETAIL. TO EDGE OF EXCAVATION 2/D12's BARS = 1.5 x DEPTH OF EXCAVATION (MIN) + 300 mm D.P.C. OVER CONCRETE 665 MESH-POKÝSTYRENEX FGL PODSX 250 D.PM.-400 DEPTH OF 2/D16's BARS CGL GRANULAR FILL TO PROVISIONS OF CLAUSE 1.5.32 OF NZS 3604:1999 AND PLACED AND COMPACTED TO PROVISIONS OF CLAUSE \$\\ 5.3.1 OF NZS 3604:1999 CLEARED GROUND "EXPANSIVE CLAY "TO PROVISIONS OF NZS 3604:1999 LEYEL (ULTIMATE BEARING CAPACITY TO BE NOT LESS THAN 300 kPa)

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

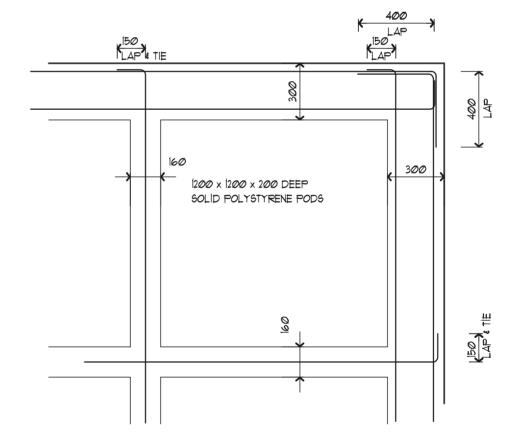
WHERE BREAKOUT OF HARDFILL 16 POSSIBLE - USE " CONQRA - BIGFOOT " SYSTEM TO SUPPORT FOUND ATION

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/VMI & ASI - FIG 6a FOR POORLY DRAINED SOILS)



PLAN OF RIB LAYOUT REINFORCEMENT LAP DETAILS LAP ALL BARS 400 mm THE DESIGN AND DRAWING SHOWN ON THIS SHEET, ARE NOT TO BE REPRODUCED WITHOUT THE WRITTEN AUTHORITY OF, AND COPYRIGHT SHALL REMAIN YESTED TO CONGRA FOUNDATIONS LTD.

CONORA POLYRAFT NEW ZEALAND

PHONE: 0800 266-172

PHONE: 09 - 630-0370 FAX: 09 - 630-0376 MOBILE: 0274 755 907

PROJECT :

I" 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
(1) 12.0m MAX TIMBER CLADDING
OR SHEET MATERIAL NOT
SENSITIVE TO MOVEMENT

(11) 4.0m MAX FOR STACCO

(iii) 6,0m FOR MASONARY VENEER

NOTE!

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/DI2H 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"

