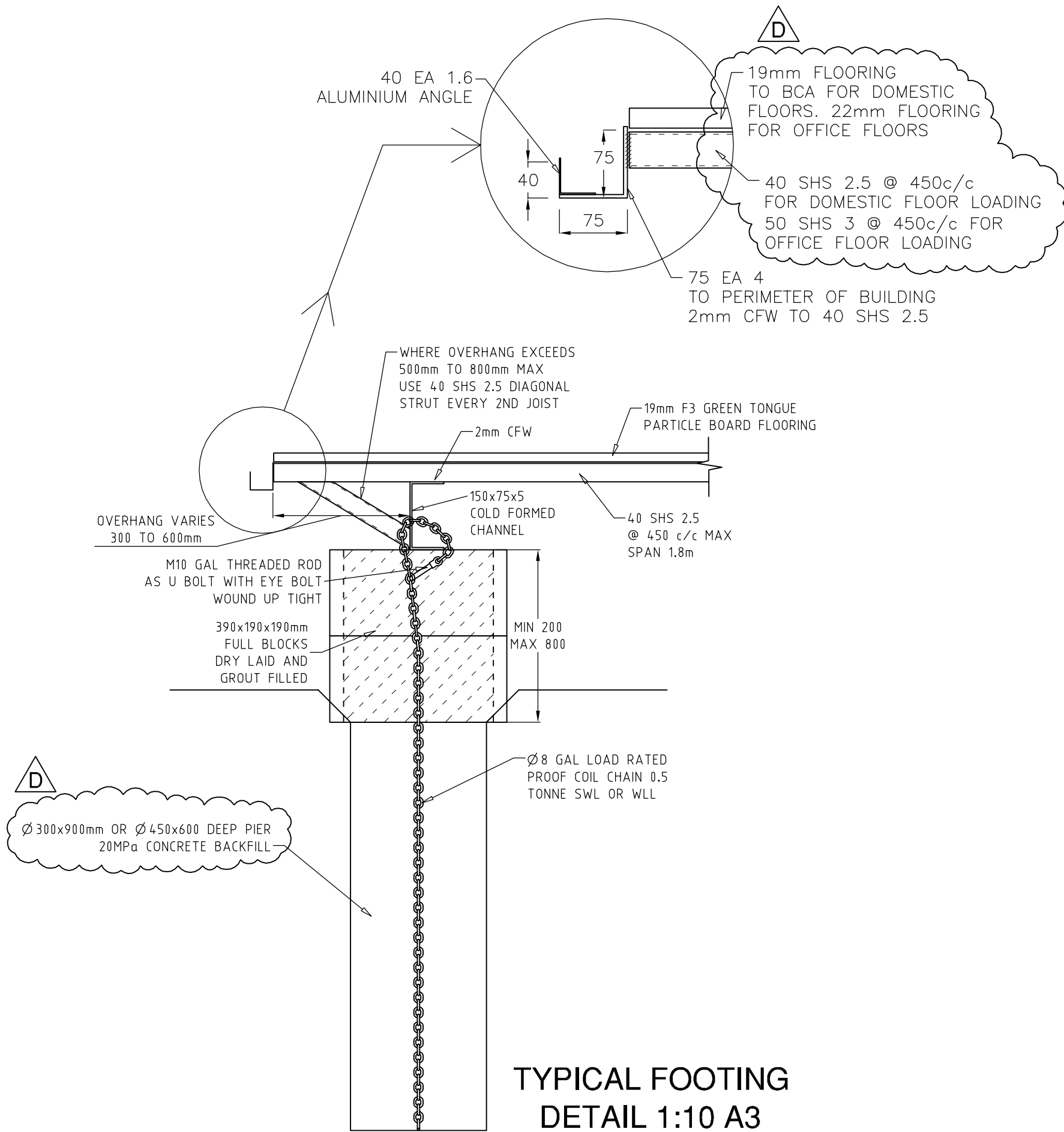


TYPICAL FOOTINGS
REFER TO DWG SZ

FOOTING ARRANGEMENT PLAN 1:100 A3

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PROJECT TRANSPORTABLE FABRICATOR			
TITLE ARRANGEMENT OF FOOTINGS			
DESIGNED JS	DRAWN KF	DATE AUG 2010	DRAWING NO. S1C



GENERAL NOTES

- G1 ALL CONSTRUCTION TO THE BUILDING CODE OF AUSTRALIA, FOR GENERAL CONDITIONS, WORKMANSHIP AND MATERIALS.
- G2 ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE DESIGNERS DRAWINGS. ANY DISCREPANCIES SHALL BE REFERRED TO GRANT LAMONT PH (02) 44 740 393
- G3 DURING CONSTRUCTION, THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
- G4 ALL DIMENSIONS ARE IN MILLIMETRES, UNO.
- G5 THE STRUCTURAL WORK SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR THE FOLLOWING LOADS.

LIVE LOADS IN ACCORDANCE WITH AS1170 2002
 DOMESTIC FLOORS 2.0KPa AND 2.7kN over 100x100mm
 OFFICE FLOORS 3.0KPa AND 2.7kN OVER 100x100mm

WIND LOAD CATEGORY 2 TO AS1170.2 OR CLASSIFICATION N3 TO AS1684
 I.E. Vu=50m/s, Vp=41m/s, Vs=32m/s. UPLIFT ON BATTENS WITHIN 1200mm OF EDGES 3KPa ULTIMATE. GENERAL ROOF AREA 1.6KPa ULTIMATE. BUILDING TO FOOTINGS 1.4KPa ULTIMATE

- G6 THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDER GROUND SERVICES PRIOR TO EXCAVATION.
- G7 ALL HANDRAILS WHERE THE DROP IS MORE THAN 1m SHALL BE A MINIMUM OF 1000mm HIGH WITH MAXIMUM 125mm SPACES TO BUILDING CODE OF AUSTRALIA AND STRONG ENOUGH TO WITHSTAND 0.75KN/m UDL AND 0.6KN POINT LOAD IN ANY DIRECTION TO AS1170.1 AND 1.5KN/sq.m. WIND LOAD.
- G8 THE BUILDER IS RESPONSIBLE FOR INSTALLATION FOR ANY ADDITIONAL TERMITE PROTECTION NOT SHOW ON THE DRAWINGS TO AS3660.
- G9 THE FOUNDATIONS ARE SATISFACTORY FOR CLASS A, S, M OR H FOUNDATIONS TO AS.2870. WHERE DEPTH OF PIER CANNOT BE AUGERED TO THE REQUIRED DEPTH WITH A BOBCAT AUGER OR BIGGER THE PIER SHALL BE BORED DOWN TO ROCK AND A N16 (Y16) REINFORCING BAR SHALL BE EPOXIED INTO THE ROCK MIN 300mm. WHERE NO PIER IS POSSIBLE AS THE ROCK IS HARDER THEN ABLE TO BE DUG WITH A CROW BAR A M12 GAL ROD SHALL BE EPOXIED IN 300mm AND EXTENDED UP THROUGH THE 150 PFC TRANSOM WITH NUT WOUND DOWN.

CONCRETE NOTES

- C1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600.
- C2 CONCRETE SHALL BE TO AS3600: GRADE N20 FOOTINGS MAXIMUM. AGG. SIZE 20mm WITH MINIMUM. CEMENT CONTENT 300 kg/m3. BLOCK CORE FILLING SHALL BE 1 : 0.25 : 4 BLOCK MORTAR OR N20 CONCRETE MAXIMUM AGGREGATE SIZE 10mm
- C3 VIBRATORS SHALL BE USED WHEN PLACING FOOTING CONCRETE.

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PROJECT TRANSPORTABLE FABRICATOR			
TITLE NOTES AND STRUCTURAL DETAILS			
DESIGNED JS	DRAWN KF	DATE APRIL 2011	DRAWING No. S2D