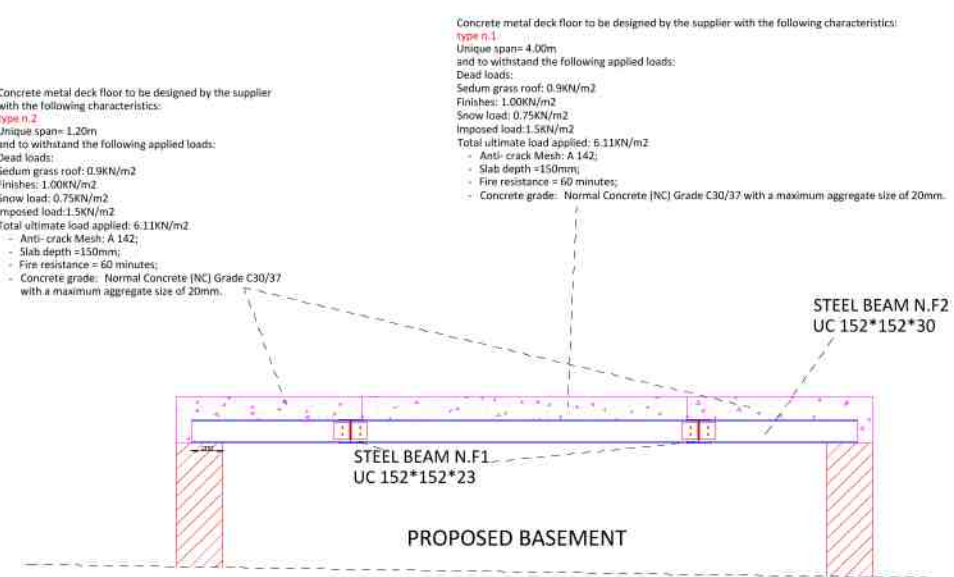
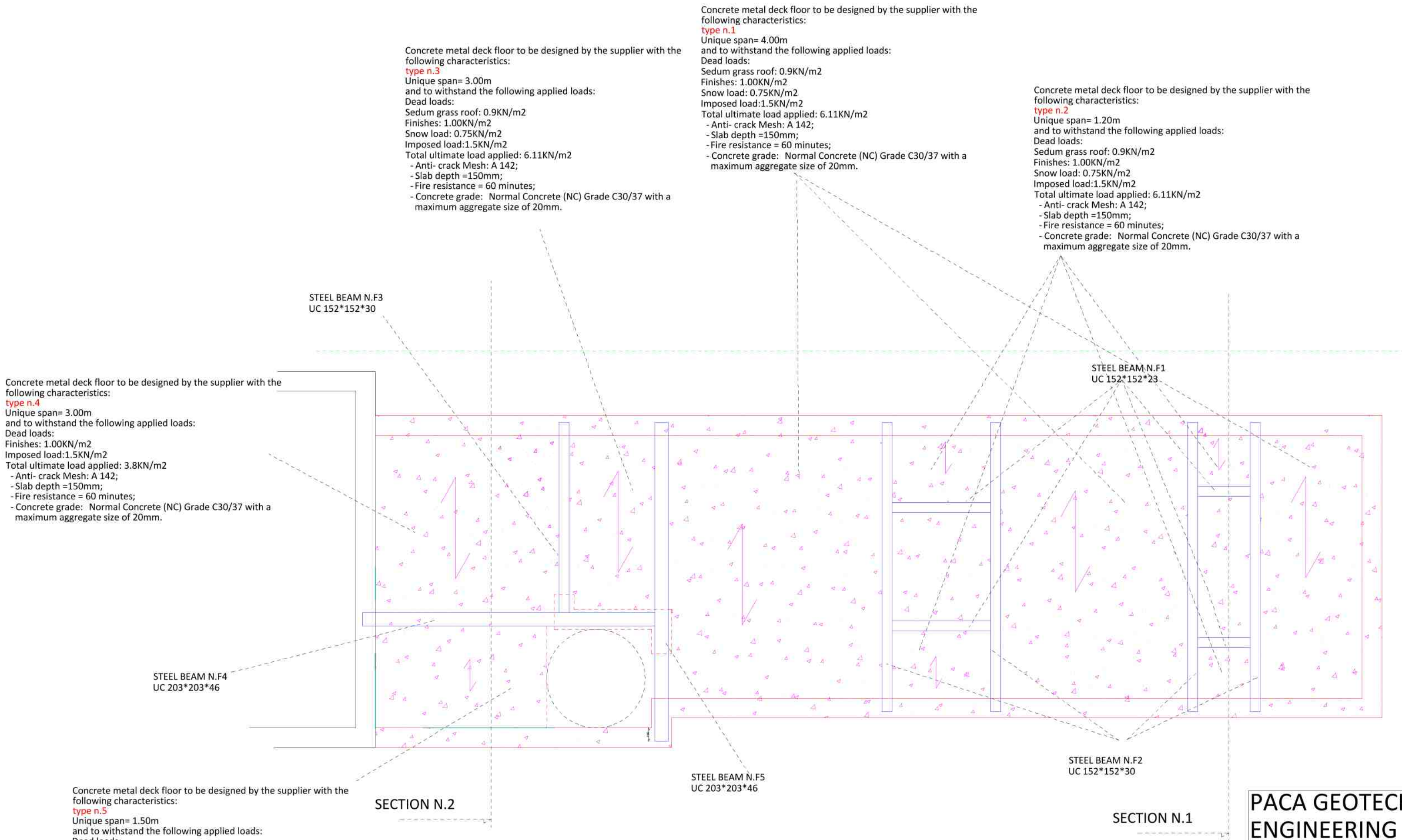
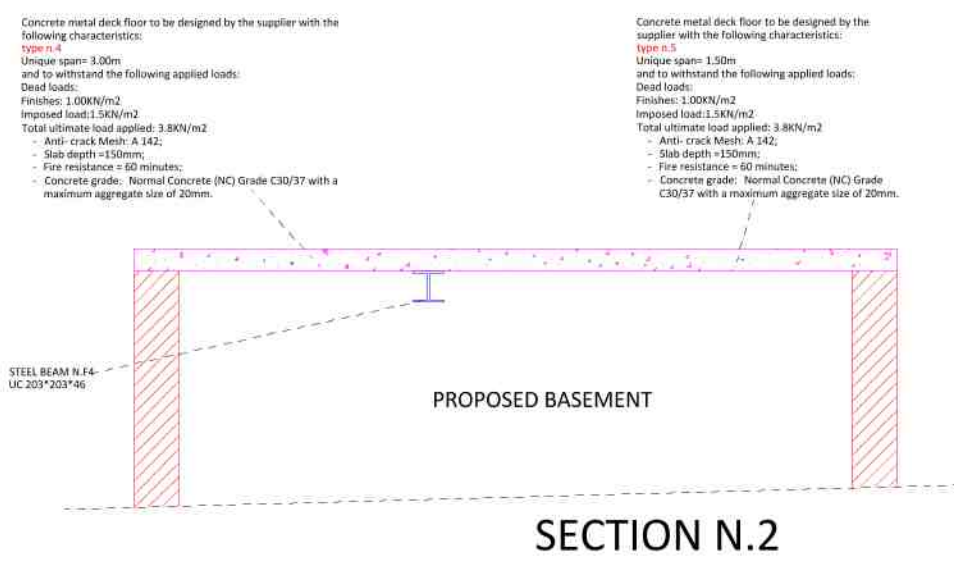




SECTION N.1



SECTION N.2

GENERAL NOTES:

STEEL BEARING LENGTHS OF THE STEEL BEAMS EQUAL TO 200mm WHICH WILL BE PROPPED AND INSERTED INTO THE BASEMENT REINFORCED CONCRETE WALLS.

STEEL BEAMS CONNECTIONS BY N.6 BOLTS DIAM. 12mm grade 8.8 and steel plate thickness=8.00mm grade S275;
Dh=nominal diam.=db + 1 mm=13mm for db <12mm;
p=Spacing between centres of bolts, pitch = 2.5db < p ≤ 14t
32.5mm<p< 112mm;
e=Minimum edge distance>2.5*Dh=32.5mm

Design strength of the fillet weld: pw= 220N/mm2
(Eletrocode classification:35; Steel grade: S275);
Weld leg length s= 8mm;
CFW = CONTINUOUS FILLET WELD;
FPBW = FULL PENETRATION BUTT WELD.

PACA GEOTECHNICAL ENGINEERING LTD		PROPOSED GROUND FLOOR OF THE HOUSE EXTENSION AND BASEMENT ROOF PLAN
MARCH 2020	REF. :A496.20	DRAWING N.2 SCALE 1:50@A1