MILBANK FLOORS

EARL'S COLNE INDUSTRIAL PARK,
THE AIRFIELD, EARL'S COLNE,
COLCHESTER, ESSEX, CO6 2NS.
TEL: 07875 3931

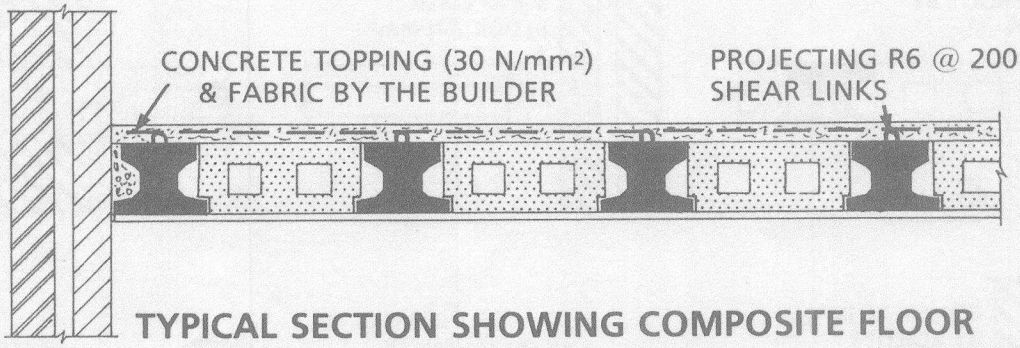
DATA SHEET WC 180/X

SPACING	SECTION	SELF WT kN/m²	SUPERIMPOSED FLOOR LOADS kN/m² ALLOWS FOR 50 SCREED & CEILING (1.42 kN/m²)						
			0.8	1.50	2.5	3.5	5.0	7.5	10.0
S 650 Crs	A – A	2.31	7.2	6.62	6.05	5.61	5.01	4.48	4.04
S 500 Crs	B – B	2.47	7.2	7.2	6.84	6.35	5.78	5.09	4.60
D 890 Crs	D – D	2.8	7.2	7.2	7.2	6.74	6.13	5.40	4.88
D 740 Crs	D – D	3.0	7.2	7.2	7.2	7.2	6.69	5.90	5.34

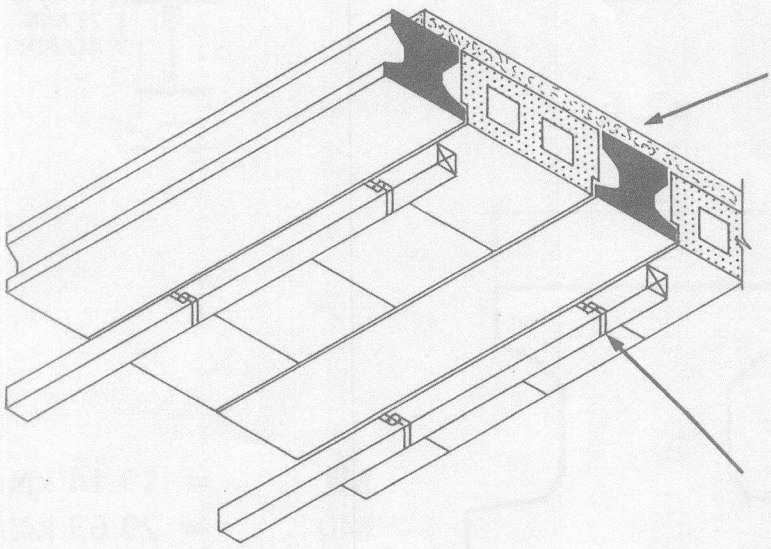
TABLE SHOWING CLEAR SPANS FOR VARIOUS ARRANGEMENTS OF BEAMS & BLOCKS. **ALL BEAMS ARE PRESTRESSED AND HAVE AN UPWARD CAMBER**

GREATER SPANS THAN THOSE SHOWN ABOVE CAN BE CATERED FOR BY APPLYING A COMPOSITE CONCRETE TOPPING SHEAR LINKS ARE PROVIDED ALONG THE TOP FLANGES OF THE BEAMS.

PLEASE CONTACT OUR DESIGN OFFICE FOR FURTHER INFORMATION.



TYPICAL SECTION SHOWING COMPOSITE FLOOR



IF FINISH IS NOT DIRECT SCREEDING BUILDER SHALL GROUT TOP SURFACE 1:4 CEMENT SHARP SAND. DIRECT SCREEDING IS BEST CARRIED OUT ON UNGROUTED SURFACE.

CEILING CAN BE DIRECT PLASTER USING CARLITE BONDING & SKIM 13mm TOTAL THICKNESS. IF A BOARDED CEILING IS REQUIRED CEILING BATTEN CLIPS CAN BE PROVIDED AT 450 CRS AS SHOWN. ALTERNATIVELY DRILLED PLUGGED & SCREWED FIXINGS INTO BLOCK EDGES CAN BE MADE.

DO NOT FIX INTO BEAMS.

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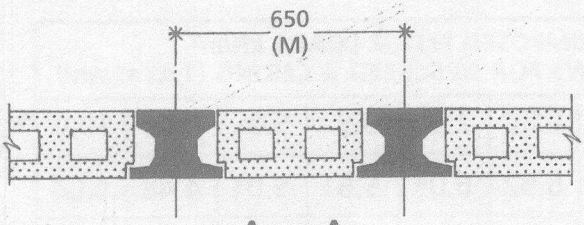
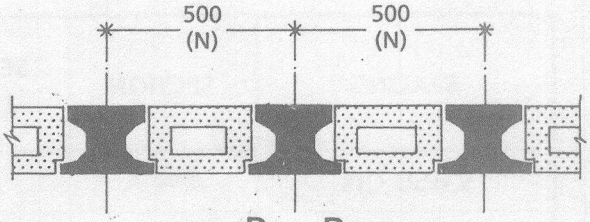
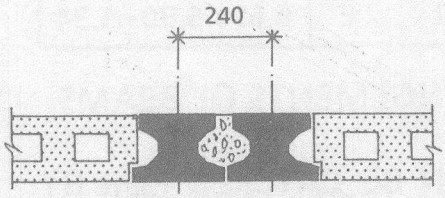
APRIL 1987



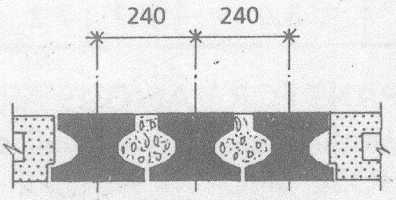
A – A



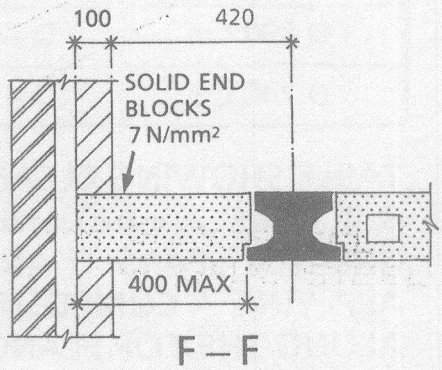
B – B



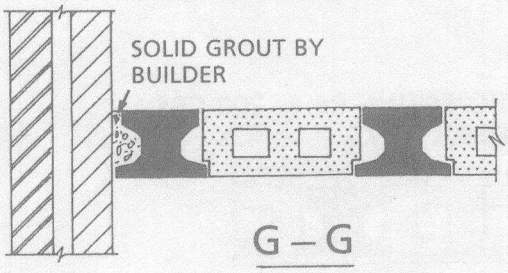
D – D



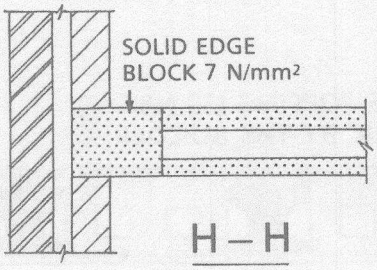
E – E



F – F



G – G



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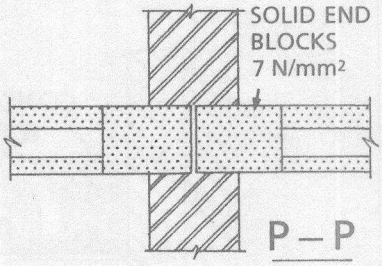
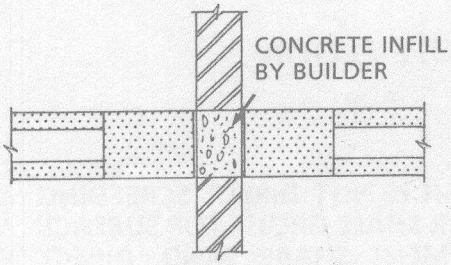
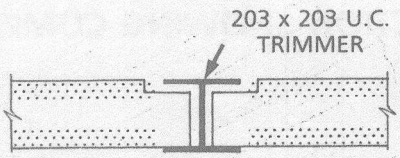


P – P



Q – Q



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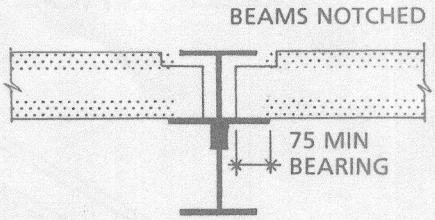

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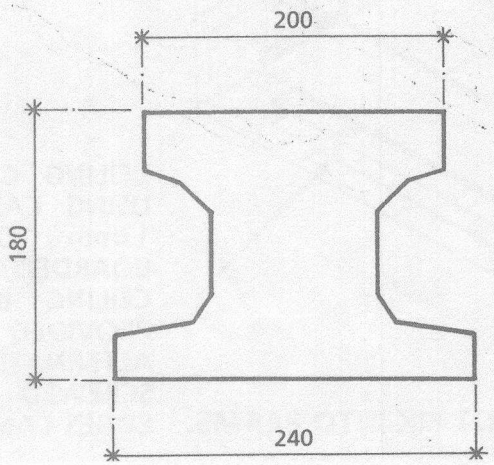

Ms	=	19.14 kNm
Mu	=	29.63 kNm
Vco	=	43.53 kN/m
WEIGHT	=	69.00 kg/m