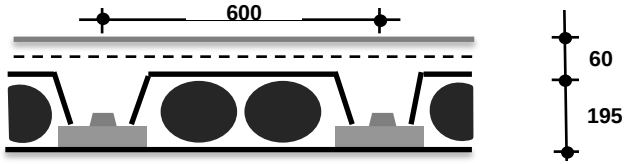
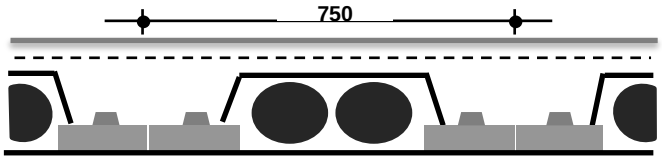
D_L = 4.02 kN/m^2
V_U = 102.81 mm
V_L = 152.19 mm
V_{OL} = 0.102 m^3/m^2
I = 535.866 x 10^6 mm^4
F = 39.27 kN/m



255
mm thick slab
150mm x 58mm Ribs
S195 Blocks (445mm wide)

M	WIRES	SPAN	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
17.02	4		11.11	7.10	4.49	2.70	1.43	0.48									
21.28	5		14.90	9.88	6.62	4.39	2.79	1.61	0.71	0.01							
25.54	6		18.68	12.66	8.75	6.07	4.15	2.73	1.66	0.82	0.15						
29.79	7		**22.16**	15.43	10.88	7.75	5.51	3.86	2.60	1.62	0.84	0.22					
34.05	8			18.22	13.01	9.43	6.88	4.98	3.55	2.43	1.54	0.82	0.24				
38.3	9			**18.42**	15.13	11.11	8.24	6.11	4.49	3.23	2.23	1.43	0.77	0.22			
42.56	10				**15.62**	12.79	9.60	7.24	5.44	4.04	2.93	2.03	1.30	0.69	0.18		
46.82	11					**13.43**	10.96	8.36	6.38	4.85	3.62	2.64	1.83	1.16	0.60	0.13	
51.07	12						**11.69**	9.49	7.33	5.65	4.32	3.24	2.36	1.63	1.02	0.51	0.07

D_L = 4.45 kN/m^2
V_U = 119.21 mm
V_L = 135.79 mm
V_{OL} = 0.121 m^3/m^2
I = 881.142 x 10^6 mm^4
F = 62.41 kN/m



255
mm thick slab
2 x 150mm x 58mm Ribs
S195Blocks (445mm wide)

M	WIRES	SPAN	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
27.06	8		19.60	13.22	9.08	6.24	4.21	2.71	1.56	0.67							
33.82	10		25.61	17.64	12.46	8.91	6.37	4.49	3.07	1.95	1.07	0.36					
40.59	12		31.63	22.06	15.85	11.59	8.54	6.28	4.57	3.24	2.18	1.32	0.62	0.04			
47.35	14		**37.16**	26.47	19.23	14.26	10.70	8.07	6.07	4.52	3.28	2.28	1.47	0.79	0.23		
54.12	16			30.89	22.61	16.93	12.87	9.86	7.58	5.80	4.39	3.25	2.32	1.54	0.90	0.35	
60.88	18			**31.21**	25.99	19.60	15.03	11.65	9.08	7.08	5.49	4.21	3.16	2.29	1.56	0.95	0.42
67.65	20				**26.76**	22.28	17.20	13.44	10.58	8.36	6.59	5.17	4.01	3.04	2.23	1.55	0.96
74.41	22					**23.29**	19.36	15.23	12.09	9.64	7.70	6.13	4.85	3.79	2.90	2.15	1.50
81.17	24						**20.51**	17.02	13.59	10.92	8.80	7.09	5.70	4.54	3.57	2.75	2.04

D_L = Slab Mass
V_{OL} = Volume in-situ concrete
F = Shear Force
M = Moment of Resistance kNm/m
Wires= No. of 4.25 &.(Uts = 24kN)

Superimposed load in bold print limited by shear.
Superimposed load below
1. Broken line exceeds deflection span/350 in blue
2. Track line limited to deflection span/250 in orange
3. Solid line indicates deflection greater than 20mm.