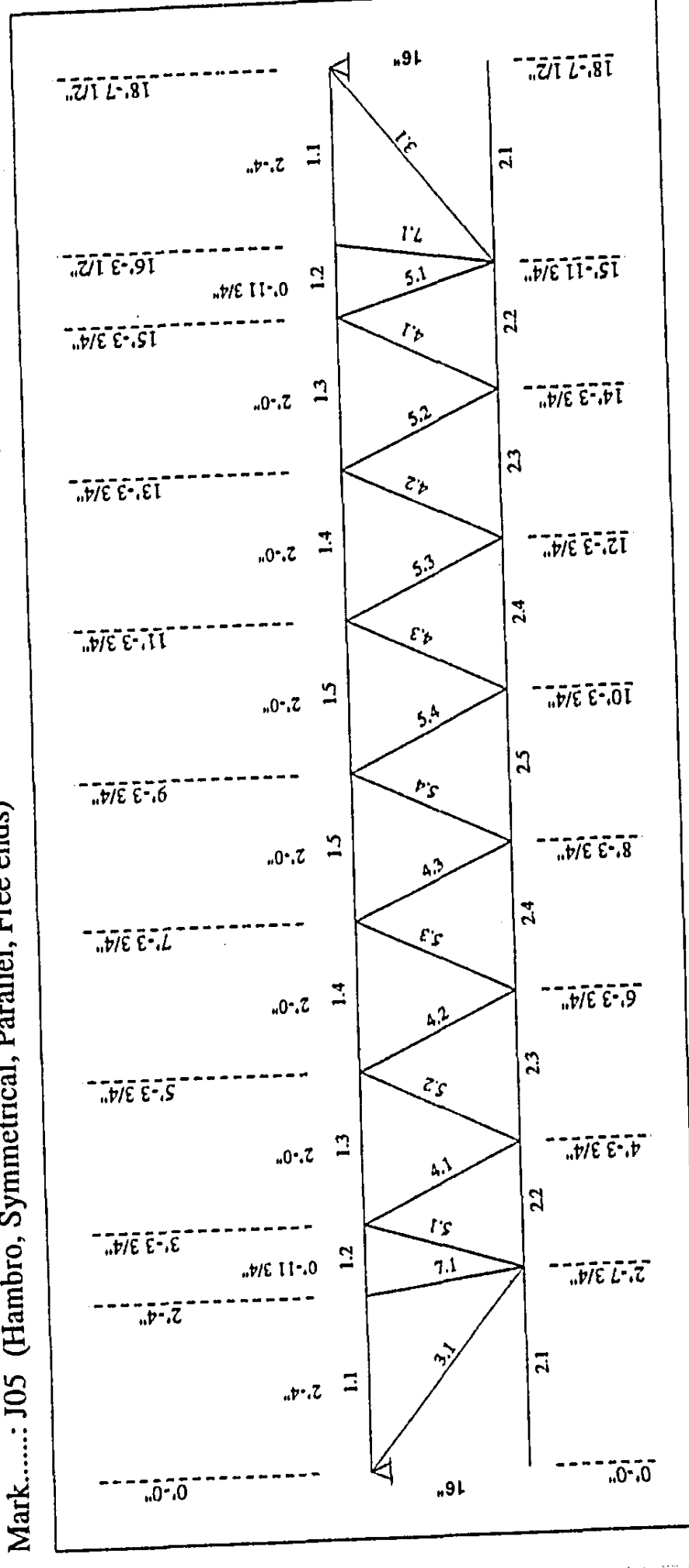


Project: WEST MIAMI SIX MODEL B
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Project: WEST MIAMI SIX MODEL B

Mark : I05 (Hambro, Symmetrical, Parallel, Free ends)



----- LOADING CONDITIONS -----
(THE SHOWN VALUES ARE REAL)

TOTAL LOAD	430.94 lb/ft	H16	164.17 lb/ft
	435.00 lb/ft ² x	4'-1 1/4"	40.00 lb/ft ² x
			4'-1 1/4"

----- HAMBRO

total Thickness of the Slab.	=	3.00 in
Reinforcing Steel Diameter	=	N 00 in
Length of the Extension of the Slab.	=	145.00 lb/ft ³
Concrete Density	=	3.00 ksi
Compression Modulus (E _c)	=	187.00 ksi ⁴
Concrete Maximum Capacity	=	440.63 pcf
Composite Maximum Capacity	=	440.63 pcf
Non-Composite Maximum Capacity	=	DL 33.35 10/in
Horizontal Shear at the Interface. (Formula 2003).	=	N
utilization of the Slab.	=	0.954
Percentage of Slab	=	
Percentage of Slab (presence of reinforcing).	=	

type of transverse deflection

Allowed deflection under live load		=	0.61 in (L/360)
Calculated deflection under service live load		=	0.11 in (L/2060)
Calculated deflection under service live load + 1.3 with Composite Inertia		=	0.15 in (L/1545) Steel Inertia
Calculated deflection under service live load + 1.3 with Composite Inertia		=	0.51 in (L/514) Steel Inertia
Joist inertia		=	0.31 in
Required camber		=	