CELLULAR FLOOR BEAM
DESIGN ENQUIRY FORM

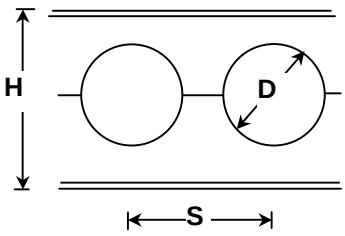
MACSTEEL TRADING

Company:	Address:
Name:	
Tel: Fax:	
E-Mail:	
Project:	Beam Ref:

LAYOUT	Composite ( )	Non-composite ( )	Notes:
	Span Meters	Centres Meters	
CONCRETE	Slab Thickness mm	Top Mesh	
	Deck Type	Deck thickness mm	
	Grade N/mm^2		
	Other		
LOADING	**Note: Exclude self–weight of deck & slab**		
	Live	Unfactored kN/m^2	
	Partitions	Unfactored kN/m^2	
	Ceilings and Services	Unfactored kN/m^2	
	Other	Unfactored kN/m^2	
LIMITS	Maximum Beam Depth mm		***DEFLECTION** Deflection due to dead-load should not be a critical factor, as cellular beams can be pre-cambered without cost
	Minimum Cell Diameter mm		
	Natural Frequency 4Hz (Unless otherwise instructed)		
	Live load deflection*		

The Cellular Beam Proposed below is one of MANY possible solutions.
Please advise if any of the dimensions shown are unsuitable.

For completion by MACSTEEL

CELLULAR BEAM:	GRADE:	Notes:
 H……mm D……mm	Top Tee: _____ Btm Tee: _____ S ……mm	

Signed_____Date_____Checked_____Date_____

MACSTEEL TRADING DESIGN NO: REV:

PLEASE PHOTOCOPY THIS FORM FAX:(011) 871-4667