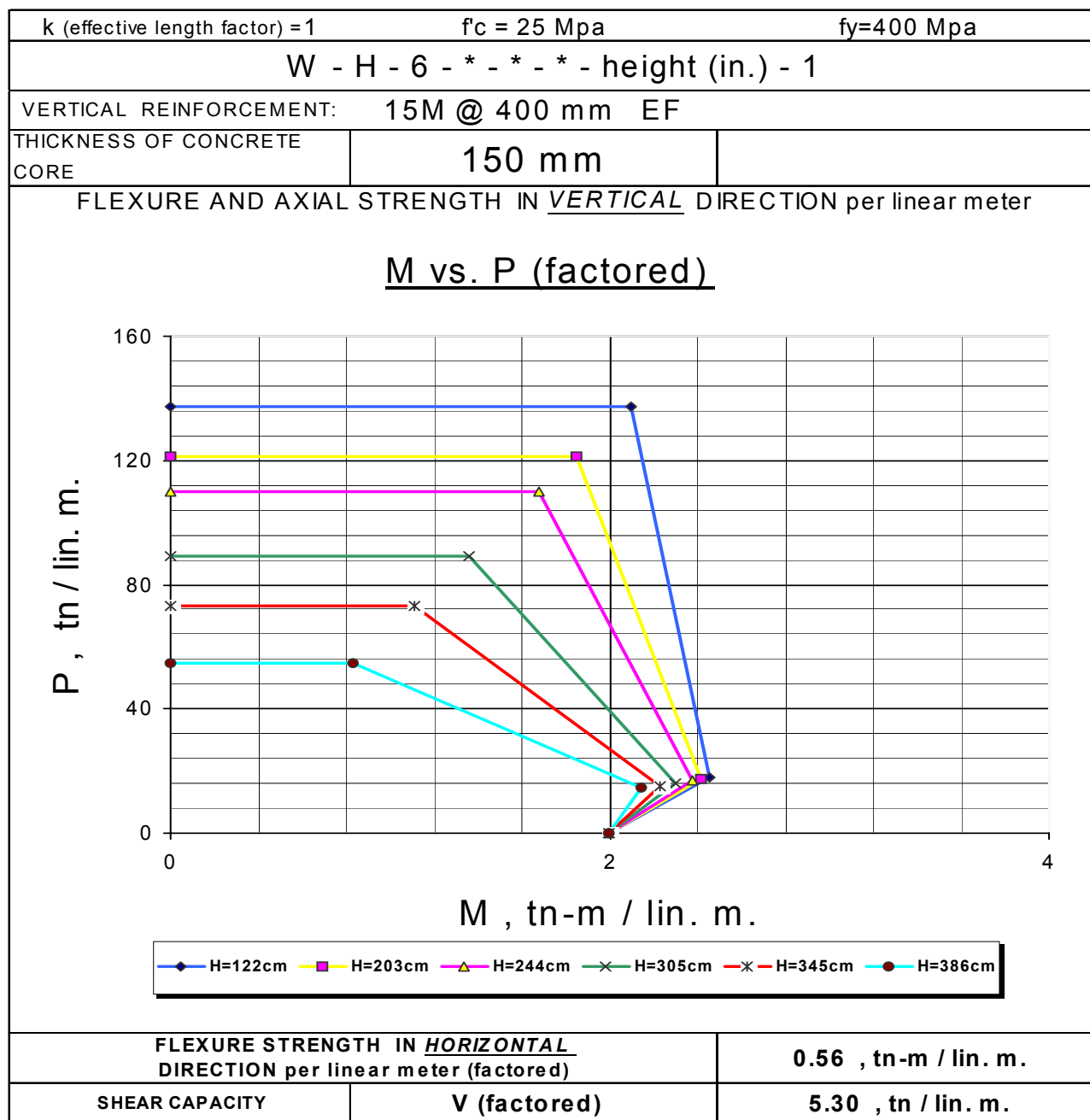
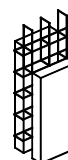


В-6.2. Графики по определению несущей способности стен



Диаметр арматуры 15M равен номинальному диаметру 16.0 мм.

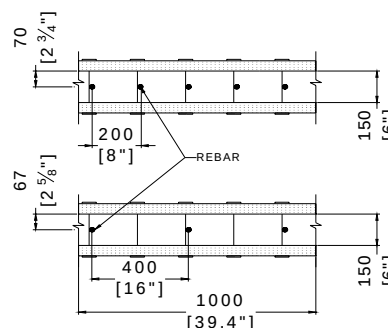


Supplement to 150 mm Concrete Wall Interaction Diagram Table for Reinforcement Pre-Selection

Concrete Strength = 25 MPa

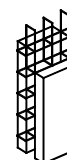
Steel Strength = 400 MPa

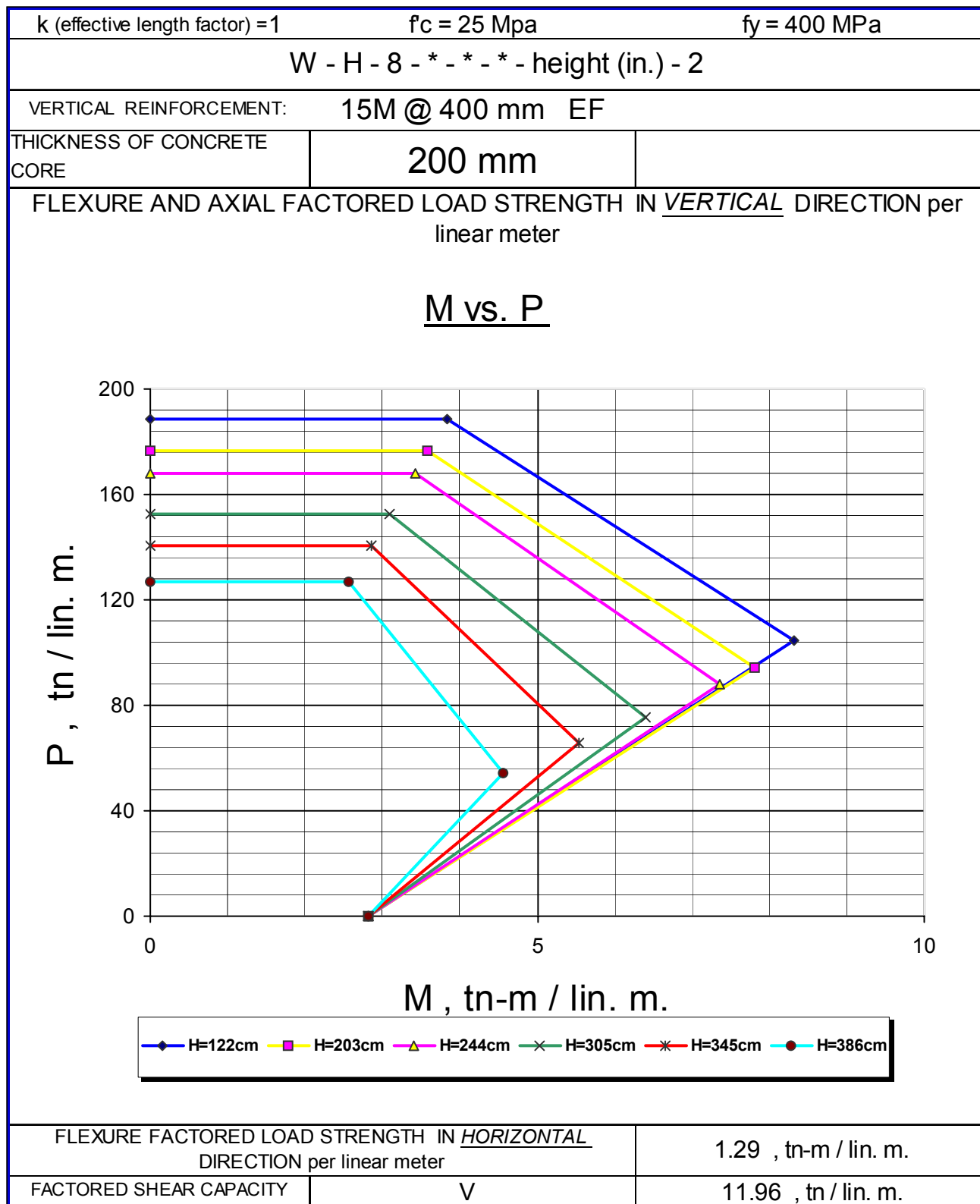
Reinforcing steel must be placed on the centre of the wall.



Wall Height per Story (m.)	M, kN·m	P, kN						
		160	400	560	720	880	1120	1200
2.03	23.8							
	23							
	22							
	21							
	20.5							
	19							
2.44	18.5							
	23.5							
	22							
	21							
	19.5							
	18.5							
3.05	17							
	23							
	20							
	18							
	16							
3.86	14							
	21.5							
	13							
	8.5							

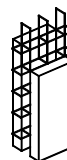
Loads are given per liner meter.





NOTE:

Clear concrete cover = 40mm



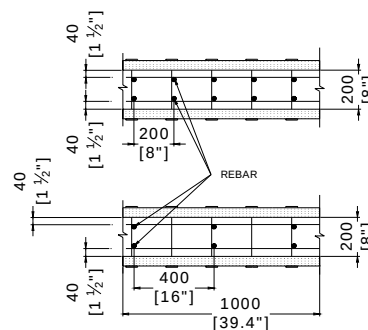
Supplement to 200 mm Concrete Wall Interaction Diagram Table for Reinforcement Pre-Selection

Concrete Strength = 25 MPa

Steel Strength = 400 MPa

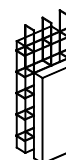
Reinforcing steel must be placed on the
each side of the wall.

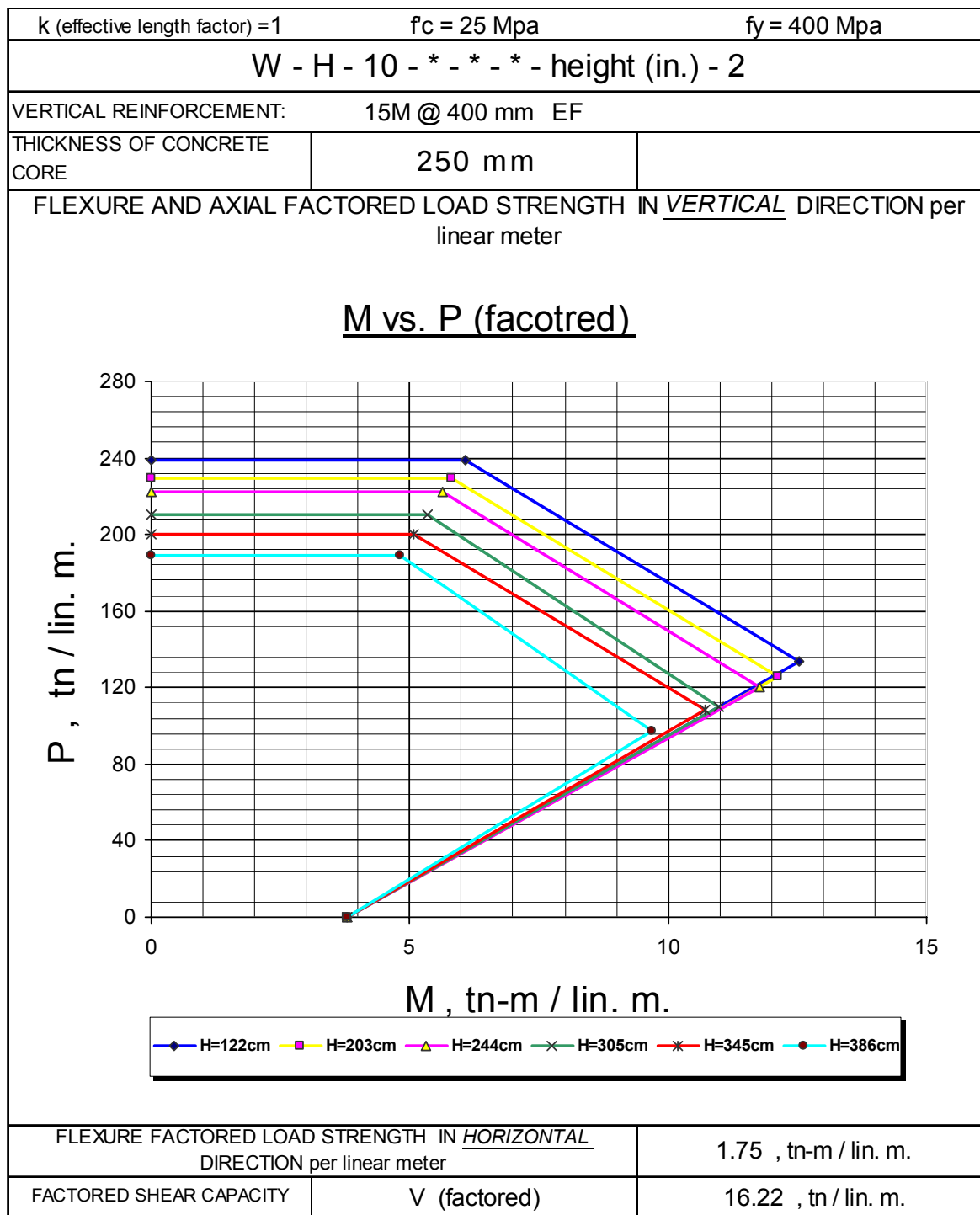
Clear concrete cover = 40 mm.



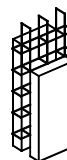
Wall Height per Story (m.)	M, kN·m	P , kN						
		560	800	1040	1280	1520	1680	1760
2.03	56							
	69							
	73							
	61	15M@400						
	48							
	40	D12@200						
	35							
2.44	56							
	69							
	65	15M@400						
	54							
	43	D12@200						
	34							
3.05	54							
	63							
	52	15M@400						
	42							
	31	D12@200						
3.86	45							
	38							
	32	15M@400						
	25	D12@200						

Loads are given per liner meter.





NOTE:
Clear concrete cover = 40mm



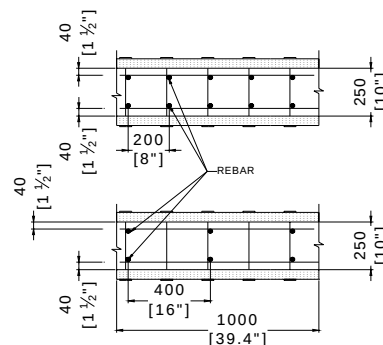
Supplement to 250 mm Concrete Wall Interaction Diagram Table for Reinforcement Pre-Selection

Concrete Strength = 25 MPa

Steel Strength = 400 MPa

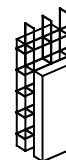
Reinforcing steel must be placed on the each side of the wall.

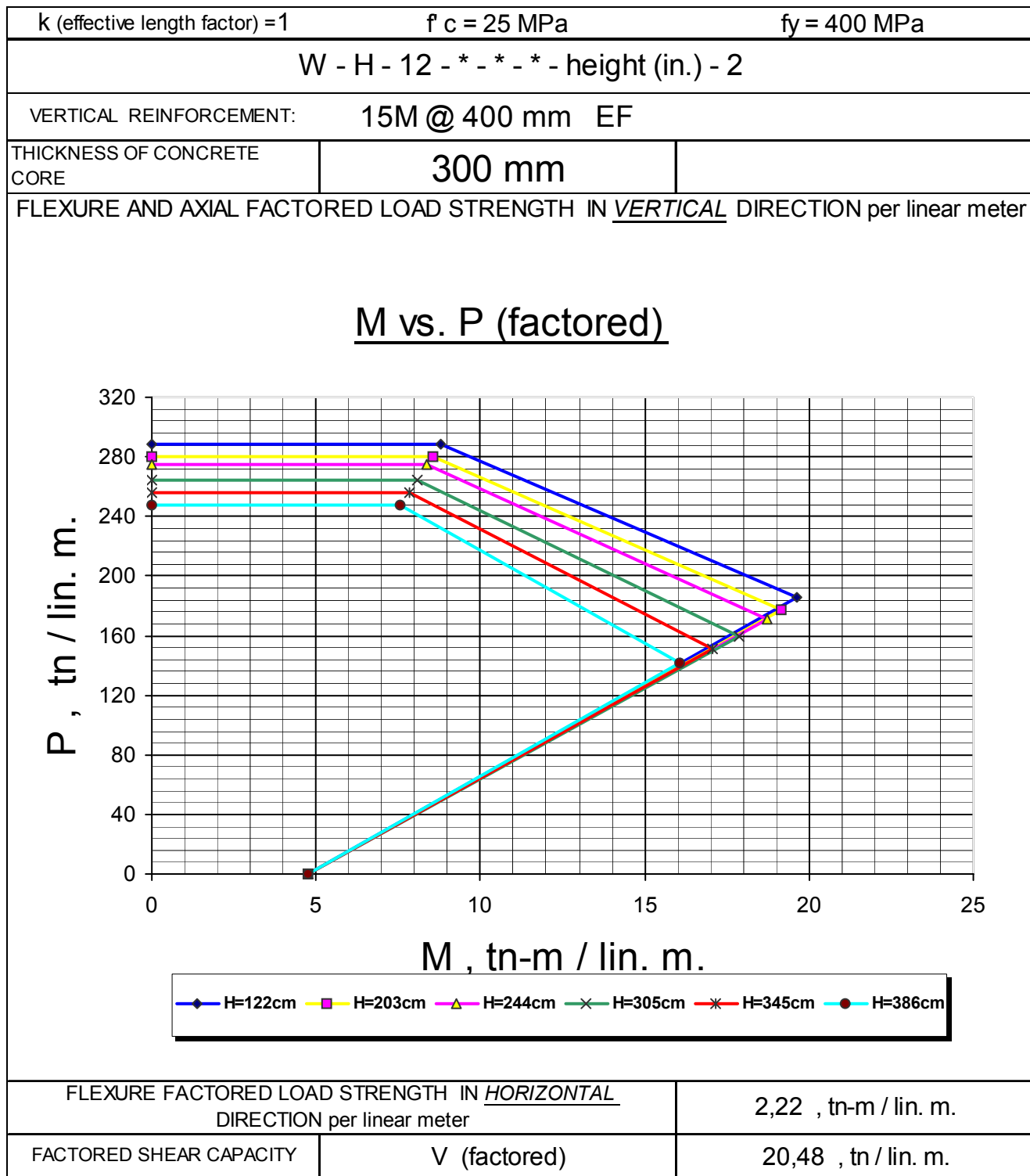
Clear concrete cover = 40 mm.



Wall Height per Story (m.)	M, kN·m	P , kN							
		560	960	1280	1600	1890	210	222	229
2.03	75								
	100								
	120								
	100	15M@400							
	81								
	70	D12@200							
	61								
	58								
2.44	75								
	100								
	114								
	94	15M@400							
	76								
	65	D12@200							
	56								
3.05	75								
	100								
	100	15M@400							
	82								
	65	D12@200							
	53								
3.86	72								
	95								
	80	15M@400							
	63								
	48	D12@200							

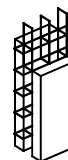
Loads are given per liner meter.





NOTE:

Clear concrete cover = 40mm



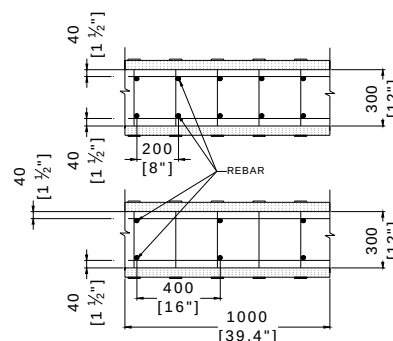
Supplement to 300 mm Concrete Wall Interaction Diagram Table for Reinforcement Pre-Selection

Concrete Strength = 25 MPa

Steel Strength = 400 MPa

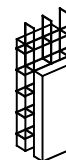
Reinforcing steel must be placed on
the each side of the wall.

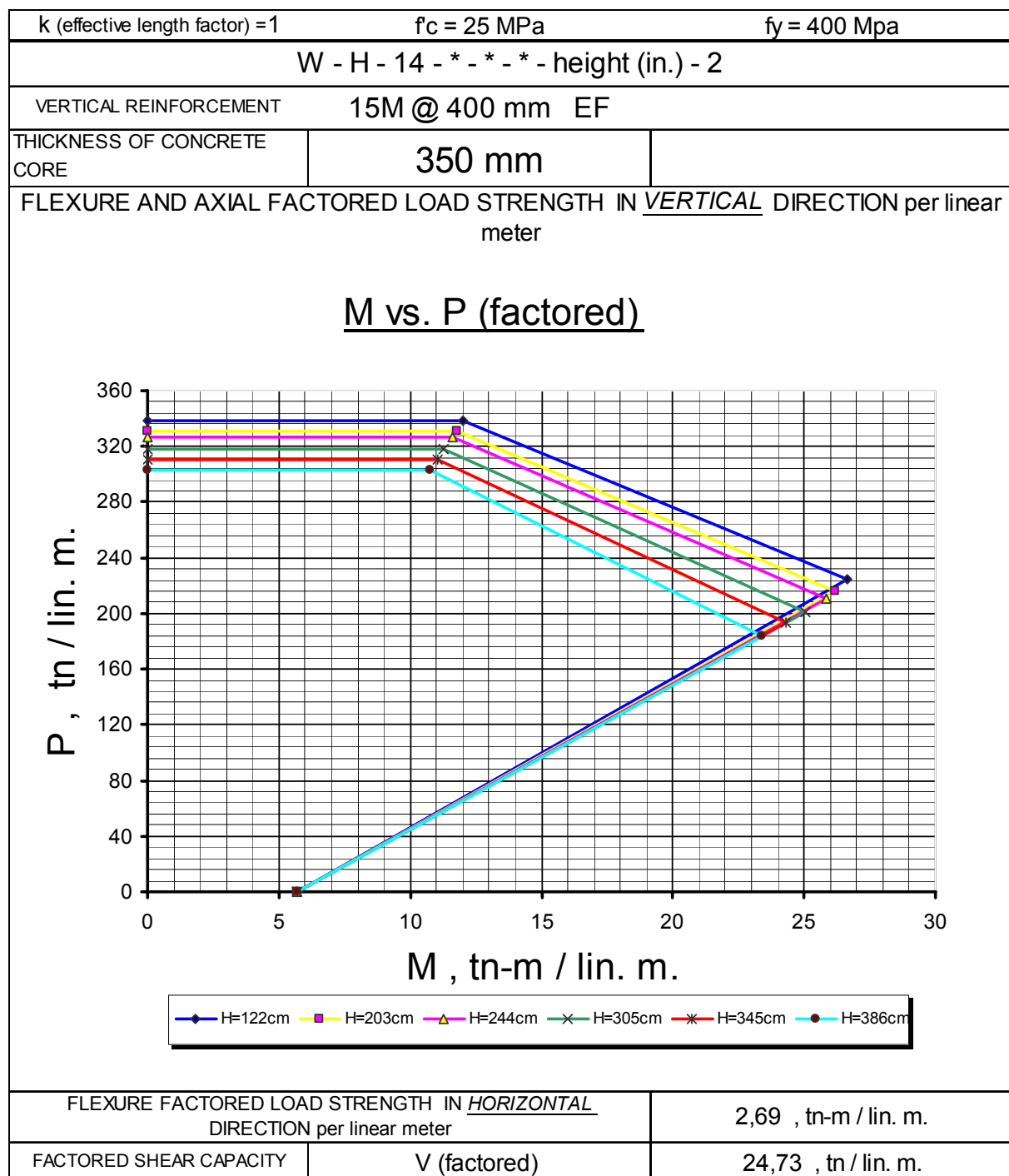
Clear concrete cover = 40 mm.



Wall Height per Story (m.)	M, kN·m	P , kN							
		560	1360	1760	2160	2470	2640	2740	2800
2.03	92								
	160								
	191								
	151	15M@400							
	120								
	103	D12@200							
	90								
	85								
2.44	92								
	160								
	182								
	143	15M@400							
	111								
	95	D12@200							
	83								
3.05	92								
	160								
	163	15M@400							
	125								
	97	D12@200							
	80								
3.86	92								
	155								
	133	15M@400							
	100								
	75	D12@200							

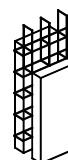
Loads are given per liner meter.





NOTE:

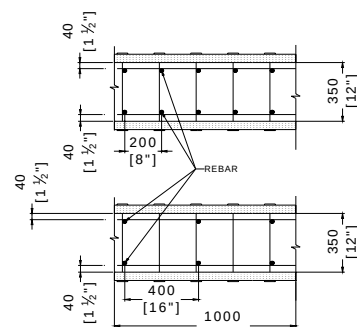
Clear concrete cover = 40mm



Supplement to 350 mm Concrete Wall Interaction Diagram Table for Reinforcement Pre-Selection

Concrete Strength = 25 MPa
Steel Strength = 400 MPa

Reinforcing steel must be placed on
the each side of the wall.
Clear concrete cover = 40 mm.



Wall Height per Story (m.)	M, kN·m	P , kN							
		560	1840	2160	2560	3020	3170	3260	3310
2.03	110								
	230								
	262								
	213	15M@400							
	152								
	134	D12@200							
	122								
	117								
2.44	110								
	230								
	251								
	204	15M@400							
	145								
	127	D12@200							
	116								
3.05	110								
	230								
	232	15M@400							
	185								
	130	D12@200							
	113								
3.86	110								
	233								
	200	15M@400							
	155								
	107	D12@200							

Loads are given per liner meter.

