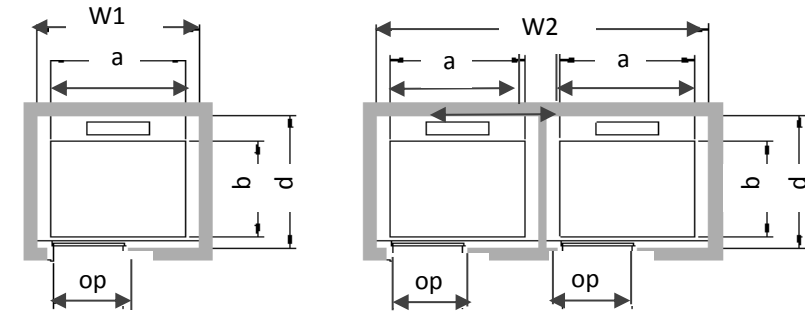
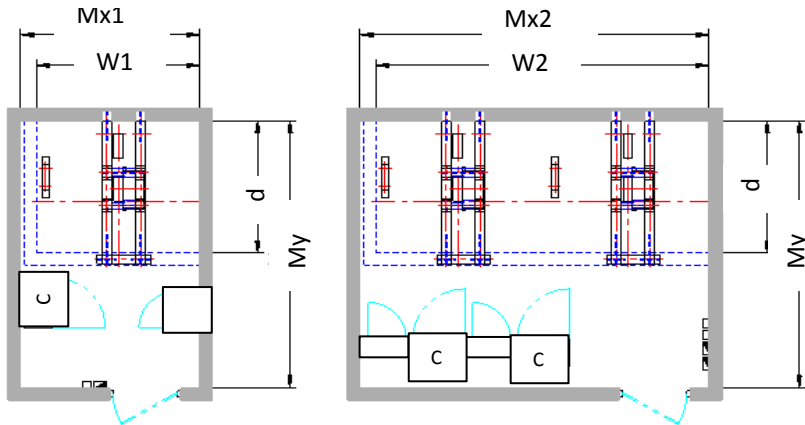


FRONT

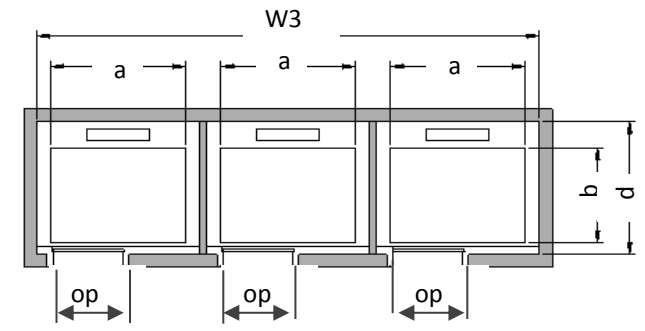


HOISTWAY PLAN

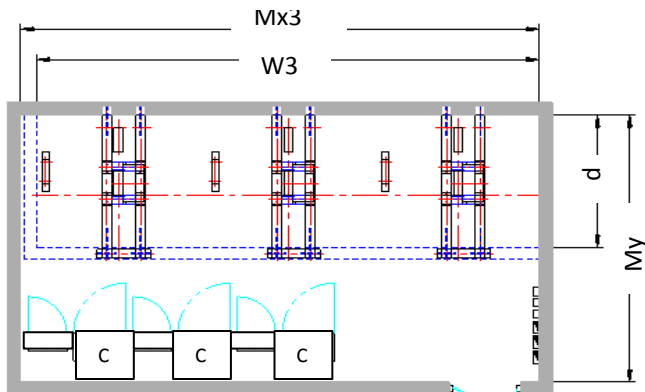
HOISTWAY PLAN



SIMPLEX/ DUPLEX MACHINE ROOM PLANS

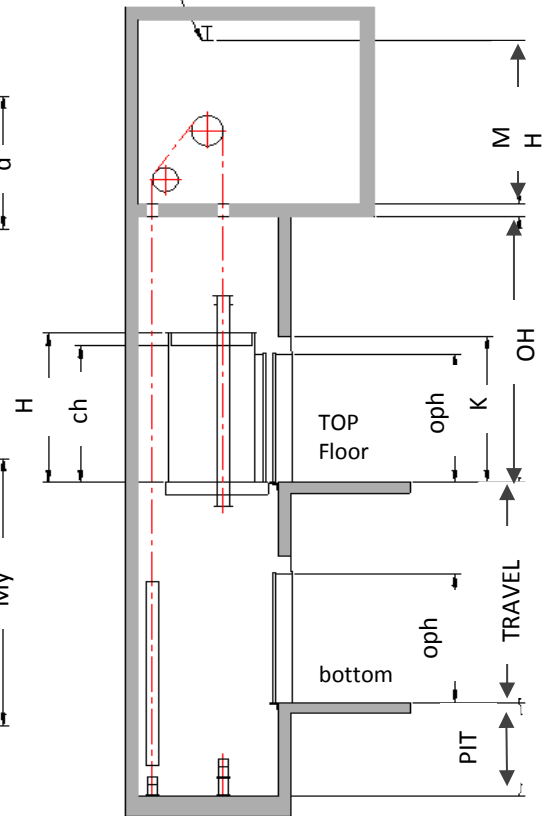


HOISTWAY PLAN

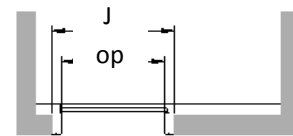


TRIPLEX MACHINE ROOM PLAN

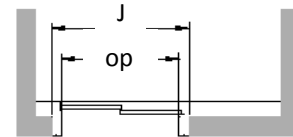
HOIST BEAM
(by others)



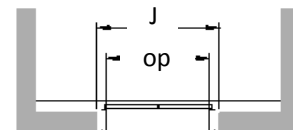
HOISTWAY SECTION



Single - speed doors



Two - speed doors



Center - parting doors

ENTRANCE PLAN

OVERHEAD

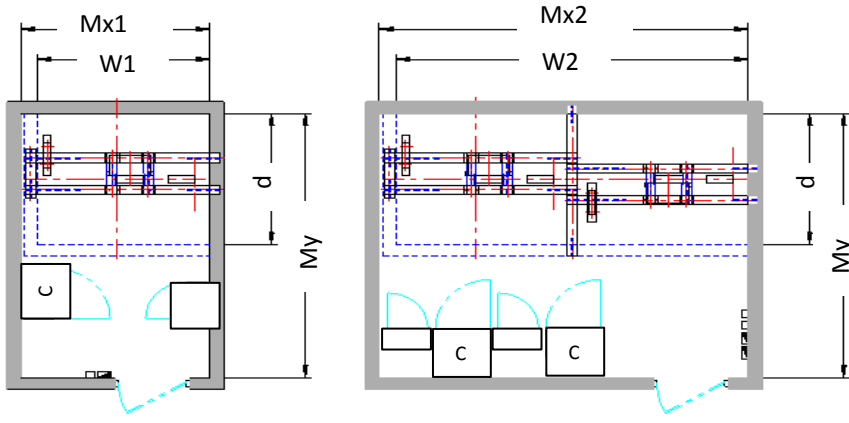
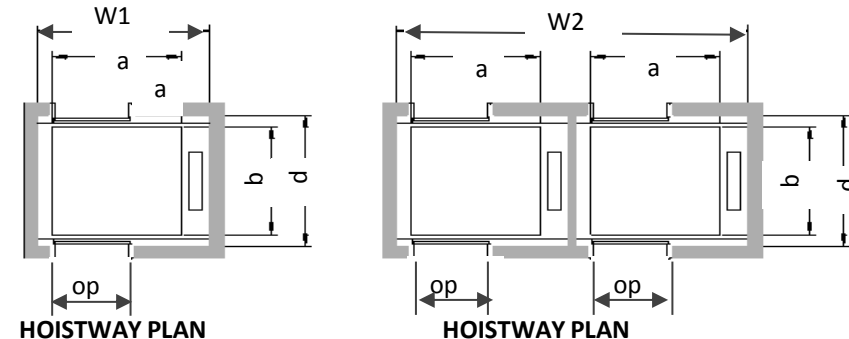
PLANNING GUIDE (FRONT)

Type		Passenger elevator					Hospital elevator		
Rated lbs[Kg]		2100 [953]	2500 [1134]	3000 [1361]	3500 [1588]	4000 [1814]	4000 [1814]	4500 [2041]	
Passenger Capacity		14	16	20	23	27	27	30	
Car									
a	Interior width	5'-8" [1728mm]	6'-8" [2032mm]	6'-8" [2032mm]	6'-8" [2032mm]	7'-8" [2336mm]	5'-8" [1728mm]	5'-8" [1728mm]	
b	Interior depth	4'-3" [1295mm]	4'-3" [1295mm]	4'-9" [1448mm]	5'-5" [1651mm]	5'-5" [1651mm]	7'-5" [2260mm]	7'-11" [2413mm]	
op	Car door width	SS	3'-0" [914mm]	3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	---	---	
		CP	---	3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	4'-0" [1219mm]	---	
		2S	---	---	---	---	---	4'-0" [1219mm]	
Hoistway									
Width	W1 Single hoistway	7'-4" [2235mm]	8'-4" [2540mm]	8'-4" [2540mm]	8'-4" [2540mm]	9'-8" [2946mm]	8'-4 ½" [2553mm]	8'-4 ½" [2553mm]	
	2 Double hoistway	15'-0" [4572mm]	17'-0" [5182mm]	17'-2" [5232mm]	17'-2" [5232mm]	19'-2" [5842mm]	17'-3" [5258mm]	17'-3" [5258mm]	
	W3 Triple hoistway	22'-8" [6909mm]	25'-8" [7824mm]	26'-0" [7925mm]	26'-0" [7925mm]	29'-0" [8839mm]	26'-1 ½" [7963mm]	26'-1 ½" [7963mm]	
D	Depth	SS	6'-7 ½" [2019mm]	6'-7 ½" [2019mm]	7'-1 ½" [2172mm]	7'-10" [2388mm]	---	---	
		CP	---	6'-7 ½" [2019mm]	7'-1 ½" [2172mm]	7'-10" [2388mm]	---	---	
		2S	---	---	---	---	---	9'-2 ¼" [2800mm]	
J	Rough opening width	SS,CP	4'-5" [1346mm]	4'-11" [1498mm]	4'-11" [1498mm]	4'-11" [1498mm]	5'-5" [1651mm]	---	
		2S	---	---	---	---	---	5'-5" [1651mm]	
K	Rough opening height	7'-10" [2387mm]							
oph	Clear opening height	7'-0" [2134mm]							
OH	Overhead for (H=8'-0" [2435mm] car)	200FPM [1.0m/s]	15'-0" [4572mm]					15'-8" [4775mm]	
		300FPM [1.5m/s]	15'-6" [4724mm]					16'-2" [4928mm]	
		350FPM [1.75m/s]	16'-0" [4877mm]					16'-8" [5080mm]	
		400FPM [2.0m/s]	16'-6" [5029mm]					17'-2" [5232mm]	
		500FPM [2.5m/s]	17'-6" [5334mm]					18'-2" [5537mm]	
PIT	Pit depth	200FPM [1.0m/s]	5'-0" [1524mm]			5'-4" [1625mm]			
		300FPM [1.5m/s]	5'-6" [1676mm]					5'-9" [1752mm]	
		350FPM [1.75m/s]	5'-8" [1727mm]					5'-11" [1803mm]	
		400FPM [2.0m/s]	6'-2" [1880mm]					6'-5" [1956mm]	
		500FPM [2.5m/s]	6'-8" [2032mm]					6'-11" [2108mm]	
Machine Room									
Mx3	Single Machine Room Width	8'-0" [2438mm]	9'-0" [2743mm]	9'-0" [2743mm]	9'-0" [2743mm]	10'-0" [3048mm]	9'-0 ½" [2756mm]	9'-0 ½" [2756mm]	
	Double Machine Room Width	15'-8" [4775mm]	17'-8" [5385mm]	17'-10" [5436mm]	17'-10" [5436mm]	19'-10" [6045mm]	17'-11" [5461mm]	17'-11" [5461mm]	
	Triple Machine Room Width	23'-4" [7112mm]	26'-4" [8026mm]	26'-8" [8128mm]	26'-8" [8128mm]	29'-8" [9042mm]	26'-9 ½" [8166mm]	26'-9 ½" [8166mm]	
My	Machine Room depth	14'-6" [4420mm]	14'-6" [4420mm]	15'-0" [4572mm]	15'-8" [4775mm]	15'-8" [4775mm]	16'-5" [5004mm]	16'-11" [5156mm]	

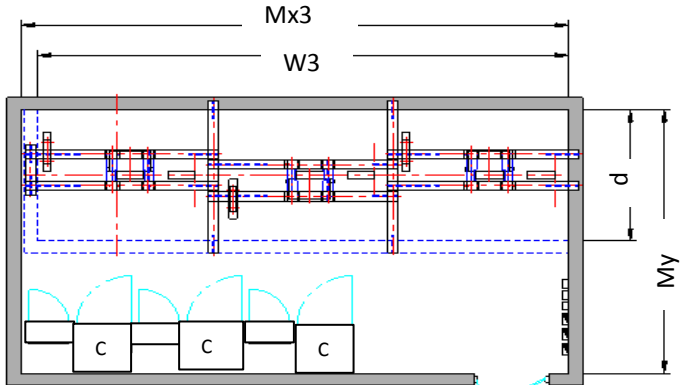
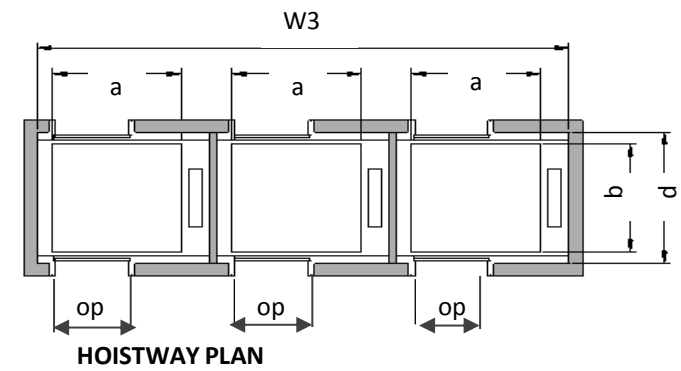
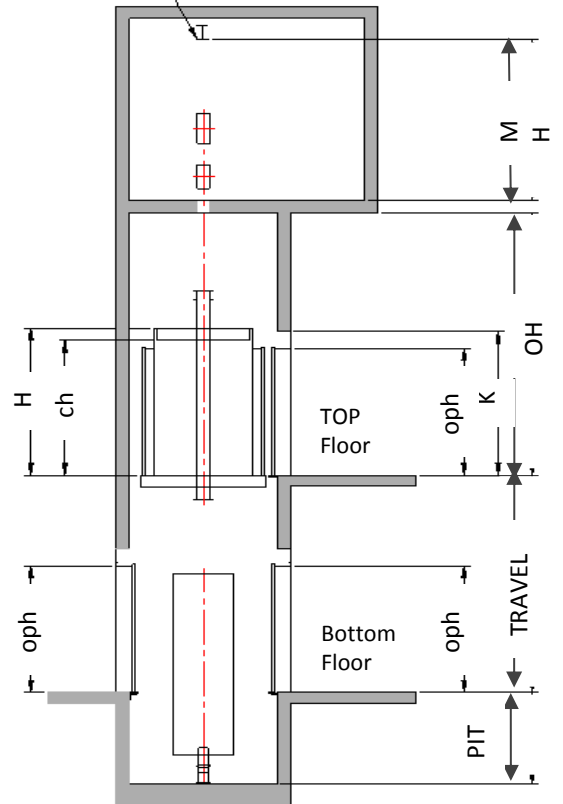
increase overhead dimension respectively for higher cab over 8'-0".

. Increase hoistway dimensions, width and depth for seismic application.

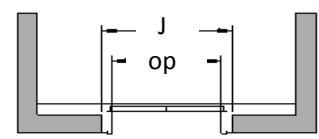
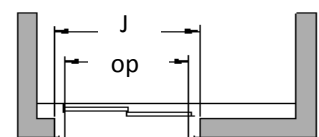
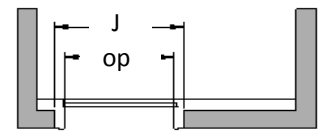
FRONT & REAR



HOIST BEAM (by others)



HOISTWAY SECTION



ENTRANCE PLAN

OVERHEAD

PLANNING GUIDE (F & R)

Type		Passenger elevator					Hospital elevator		
Rated lbs[Kg]		2100 [953]	2500 [1134]	3000 [1361]	3500 [1588]	4000 [1814]	4000 [1814]	4500 [2041]	
Passenger Capacity		14	16	20	23	27	27	30	
Car									
a	Interior width	5'-8" [1728mm]	6'-8" [2032mm]	6'-8" [2032mm]	6'-8" [2032mm]	7'-8" [2336mm]	5'-8" [1728mm]	5'-8" [1728mm]	
b	Interior depth	4'-3" [1295mm]	4'-3" [1295mm]	4'-9" [1448mm]	5'-5" [1651mm]	5'-5" [1651mm]	7'-5" [2260mm]	7'-11" [2413mm]	
ch/H	Interior height/Cab height								
Op	Car door width	SS	3'-0" [914mm]	3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	---	---	---
		CP	---	3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	4'-0" [1219mm]	---	---
		ZS	---	---	---	---	---	4'-0" [1219mm]	4'-0" [1219mm]
Hoistway									
Width	W1 Single hoistway	8'-4" [2540mm]	9'-4" [2845mm]	9'-4" [2845mm]	9'-4" [2845mm]	10'-4" [3150mm]	8'-4 1/2" [2553mm]	8'-4 1/2" [2553mm]	
	W2 Double hoistway	17'-0" [5182mm]	19'-0" [5792mm]	19'-2" [5842mm]	19'-2" [5842mm]	21'-2" [6452mm]	17'-3" [5258mm]	17'-3" [5258mm]	
	W3 Triple hoistway	25'-8" [7824mm]	28'-8" [8739mm]	29'-0" [8839mm]	29'-0" [8839mm]	32'-0" [9754mm]	26'-1 1/2" [7963mm]	26'-1 1/2" [7963mm]	
D	Depth	SS	6'-8" [2032mm]	6'-8" [2032mm]	7'-2" [2184mm]	7'-10" [2388mm]	---	---	---
		CP	6'-8" [2032mm]	6'-8" [2032mm]	7'-2" [2184mm]	7'-10" [2388mm]	---	---	---
		ZS	---	---	---	---	---	10'-4 3/8" [3160mm]	10'-10 1/2" [3313mm]
J	Rough opening width	SS,CP	4'-5" [1346mm]	4'-11" [1498mm]	4'-11" [1498mm]	4'-11" [1498mm]	5'-5" [1651mm]	---	---
		ZS	---	---	---	---	---	5'-5" [1651mm]	5'-5" [1651mm]
K	Rough opening height	7'-10" [2387mm]							
Oph	Clear opening height	7'-0" [2134mm]							
OH	Overhead for (H=8'-0" [2435mm] car)	200FPM [1.0m/s]	15'-0" [4572mm]				15'-8" [4775mm]		
		300FPM [1.5m/s]	15'-6" [4724mm]				16'-2" [4928mm]		
		350FPM [1.75m/s]	16'-0" [4877mm]				16'-8" [5080mm]		
		400FPM [2.0m/s]	16'-6" [5029mm]				17'-2" [5232mm]		
		500FPM [2.5m/s]	17'-6" [5334mm]				18'-2" [5537mm]		
PIT	Pit depth	200FPM [1.0m/s]	5'-0" [1524mm]			5'-4" [1625mm]			
		300FPM [1.5m/s]	5'-6" [1676mm]					5'-9" [1752mm]	
		350FPM [1.75m/s]	5'-8" [1727mm]					5'-11" [1803mm]	
		400FPM [2.0m/s]	6'-2" [1880mm]					6'-5" [1956mm]	
		500FPM [2.5m/s]	6'-8" [2032mm]					6'-11" [2108mm]	
Machine Room									
Mx3	Single Machine Room Width	9'-0" [2743mm]	10'-0" [3048mm]	10'-0" [3048mm]	10'-0" [3048mm]	11'-0" [3342mm]	9'-0 1/2" [2756mm]	9'-0 1/2" [2756mm]	
	Double Machine Room Width	17'-8" [5385mm]	19'-8" [5994mm]	19'-10" [6045mm]	19'-10" [6045mm]	21'-10" [6655mm]	17'-11" [5461mm]	17'-11" [5461mm]	
	Triple Machine Room Width	26'-4" [8026mm]	29'-4" [8940mm]	29'-8" [9093mm]	29'-8" [9093mm]	32'-8" [9957mm]	26'-9 1/2" [8166mm]	26'-9 1/2" [8166mm]	
My	Machine Room depth	14'-6" [4420mm]	14'-6" [4420mm]	15'-0" [4572mm]	15'-8" [4775mm]	15'-8" [4775mm]	16'-5" [5004mm]	16'-11" [5156mm]	

NOTE

- Increase overhead dimension respectively for higher cab over 8'-0".
- Increase hoistway dimensions, width and depth for seismic application.