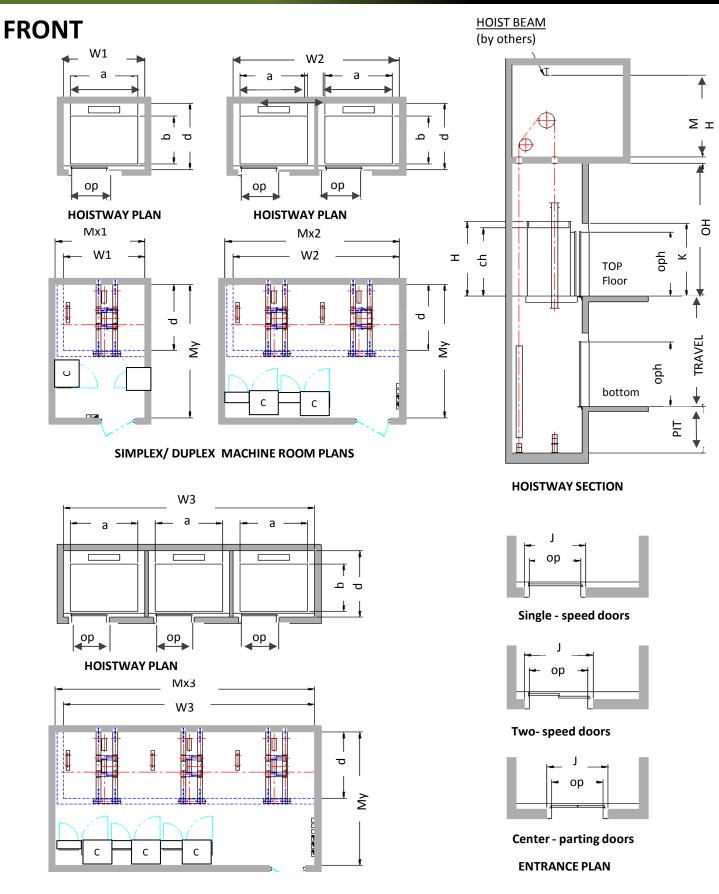
### **OVERHEAD**

### **SECTION & PLANS (FRONT)**



**TRIPLEX MACHINE ROOM PLAN** 

**OVERHEAD** 

## PLANNING GUIDE (FRONT)

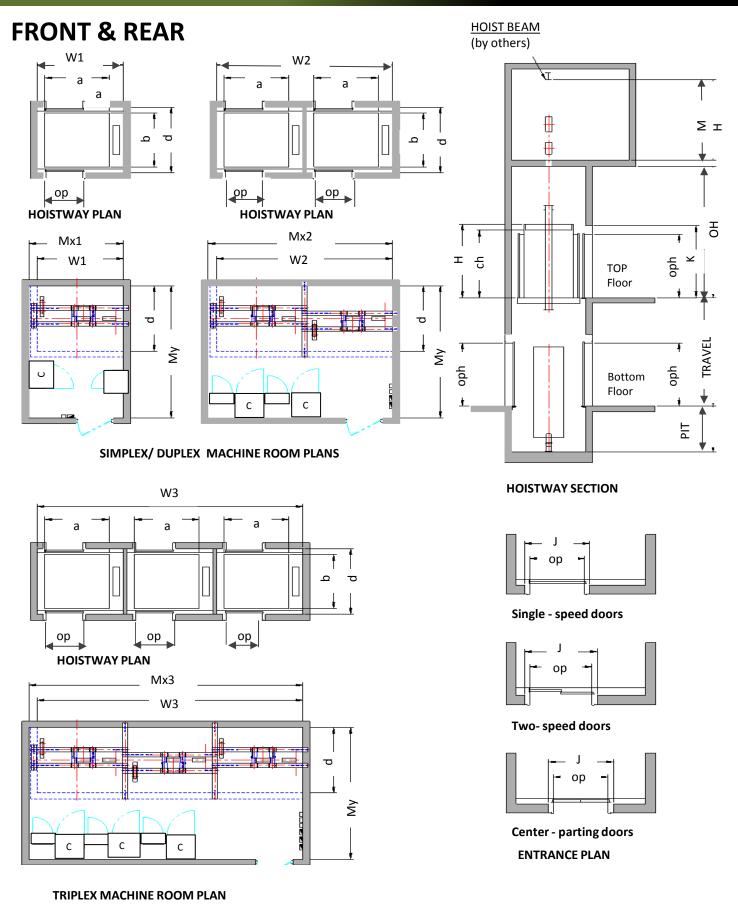
Type Rated Ibs[Kg] Passenger Capacity			Passenger elevator					Hospital elevator		
			2100 [953]	2500 [1134]	3000 [1361]	3500 [1588]	4000 [1814]	4000 [1814]	4500 [204]	
			14	16	20	23	27	27	30	
Car	0					_	I			
			5'-8"	6'-8"	6'-8"	6'-8"	7'-8"	5'-8"	5'-8"	
а	Interior width		[1728mm]	[2032mm]	[2032mm]	[2032mm]	[2336mm]	[1728mm]	[1728mm	
			4'-3"	4'-3"	4'-9"	5'-5"	5'-5"	7'-5"	7'-11"	
b	Interior	Interior depth		[1295mm]	[1448mm]	[1651mm]	[1651mm]	[2260mm]	[2413mm	
			[1295mm]	[12351111]			[1051IIII]	[22001111]	[2+15]	
ор			3'-0"	3'-6"	3'-6"	3'-6"				
		SS	[914mm]	[1067mm]	[1067mm]	[1067mm]				
			[02]	3'-6"	3'-6"	3'-6"	4'-0"			
	Car door width	СР		[1067mm]	[1067mm]	[1067mm]	[1219mm]			
				[1007.111]	[10071111]	[10071111]	[1=101111]	4'-0"	4'-0"	
		2S						[1219mm]	[1219mn	
Hoistway	 \							[12131111]	[12131111	
HUISLWAY	<b>y</b>			01.41	01.41				01.4.1/1	
	W1 Single hoistway		7'-4"	8'-4"	8'-4"	8'-4"	9'-8"	8'-4 ½"	8'-4 ½"	
	ŭ	,	[2235mm]	[2540mm]	[2540mm]	[2540mm]	[2946mm]	[2553mm]	[2553mn	
Width	2 DouWble hoistway		15'-0"	17'-0"	17'-2"	17'-2"	19'-2"	17'-3"	17'-3"	
	W3 Triple hoistway		[4572mm]	[5182mm]	[5232mm]	[5232mm]	[5842mm]	[5258mm]	[5258mn	
			22'-8"	25'-8"	26'-0"	26'-0"	29'-0"	26'-1 ½"	26'-1½'	
		- ,	[6909mm]	[7824mm]	[7925mm]	[7925mm]	[8839mm]	[7963mm]	[7963mn	
		SS	6'-7 ½"	6'-7 ½"	7'-1 ½"	7'-10"				
			[2019mm]	[2019mm]	[2172mm]	[2388mm]				
D	Depth	СР		6'-7 ½"	7'-1 ½"	7'-10"	7'-10"			
-		0.		[2019mm]	[2172mm]	[2388mm]	[2388mm]			
		25						9'-2 ¼"	9'-8 ¼"	
		23						[2800mm]	[2953mn	
		SS,CP	4'-5"	4'-11"	4'-11"	4'-11"	5'-5"			
J	Rough opening	55,Cr	[1346mm]	[1498mm]	[1498mm]	[1498mm]	[1651mm]			
J	width	2S						5'-5"	5'-5"	
								[1651mm]	[1651mn	
К	Rough open		7'-10" [2387mm]							
oph	Clear openi	ening height 7'-0" [2134mm]								
	Overhead for (H=8'-0" [2435mm] car)	200FPM		1	.5'-0" [4572mn	nl		15'-8" [4	775mm]	
		[1.0m/s]			.5 0 [4572iiii			15 0 [-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		300FPM	15'-6" [4724mm] 16'-2"						4928mm]	
		[1.5m/s]	15-0 [4/2411111] 10-2							
ОН		350FPM		1	.6'-0" [4877mn	n]		16'-8" [5	5080mm1	
<b>.</b>		[1.75m/s]								
		400FPM	16'-6" [5029mm] 17'-2'						[5232mm]	
		[2.0m/s]				.1			525211111]	
		500FPM	17'-6" [5334mm] 18'-2"						[5537mm]	
		[2.5m/s]							18'-2" [5537mm]	
		200FPM		5'-0" [1	524mm]			5'-4" [1625mm	1	
	Pit depth	[1.0m/s]							-	
		300FPM	5'-6" [1676mm]						5'-9"	
		[1.5m/s]	/sj						[1752mn	
PIT		350FPM	5' 0" [1707mm]						5'-11"	
		[1.75m/s]	5'-8" [1727mm]						[1803mn	
		400FPM	6'-2" [1880mm]						6'-5"	
		[2.0m/s]			0-2 [1	oooning			[1956mn	
		500FPM				022mm1			6'-11"	
		[2.5m/s]	6'-8" [2032mm]						[2108mn	
Machine	e Room									
			8'-0"	9'-0"	9'-0"	9'-0"	10'-0"	9'-0 ½"	9'-0 ½"	
	Single Machine Room Width		[2438mm]	[2743mm]	[2743mm]	[2743mm]	[3048mm]	[2756mm]	[2756mn	
	Double Machine Room Width Triple Machine Room Width		15'-8"	17'-8"	17'-10"	17'-10"	19'-10"	17'-11"	17'-11"	
Mx3			[4775mm]	[5385mm]	[5436mm]	[5436mm]	[6045mm]	[5461mm]	[5461mn	
			23'-4"	26'-4"	26'-8"	26'-8"	29'-8"	26'-9 ½"	26'-9 ½'	
			23 -4 [7112mm]	[8026mm]	[8128mm]	[8128mm]	29-8 [9042mm]	[8166mm]	[8166mn	
			17117mm	1 100201001	ΙΙστζοιμωί	ι [οτζοιμμ]	19042mm			
	· ·		14'-6"	14'-6"	15'-0"	15'-8"	15'-8"	16'-5"	16'-11"	

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

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

#### **OVERHEAD**

### SECTION & PLANS (F & R)



# PLANNING GUIDE (F & R)

	Type Rated lbs[Kg]		2100 [052]	2500 [1134]	Passenger elevator	2500 [1500]	4000 [1044]		4500 [2041]			
Rated lbs[Kg]			2100 [953]		3000 [1361]	3500 [1588]	4000 [1814]	4000 [1814]				
-	Passenger Capaci	ity	14	16	20	23	27	27	30			
Car	1		51.01	CL OIL	cl oll	CL 01	71.01	51.01	51.01			
а	Interio	or width	5'-8" [1728mm]	6'-8"	6'-8"	6'-8"	7'-8"	5'-8"	5'-8"			
				[2032mm] 4'-3"	[2032mm] 4'-9"	[2032mm] 5'-5"	[2336mm] 5'-5"	[1728mm] 7'-5"	[1728mm] 7'-11"			
b Interio		r depth	4'-3" [1295mm]	-	-			-				
				[1295mm]	[1448mm]	[1651mm]	[1651mm]	[2260mm]	[2413mm]			
ch/H	Interior height/Cab height		1	1				1				
	Car door width	55	3'-0" [914mr	n] 3'-6" [1067mm]								
Ор		СР		3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	4'-0" [1219mm]					
		25						4'-0" [1219mm]	4'-0" [1219mm]			
ŀ	Hoistway							[1215]				
	W/1 Single	hoistway	8'-4" [2540mm	n] 9'-4" [2845mm]	9'-4" [2845mm]	9'-4" [2845mm]	10'-4"	8'-4 ½"	8'-4 ½"			
	W1 Single hoistway		-				[3150mm]	[2553mm]	[2553mm]			
Width	W/2 Double	hoistway	17'-0" [5182mm]	19'-0"	19'-2"	19'-2"	21'-2"	17'-3"	17'-3"			
width		W2 Double hoistway		[5792mm]	[5842mm]	[5842mm]	[6452mm]	[5258mm]	[5258mm]			
	W3 Triple hoistway		25'-8" [7824mm]	28'-8"	29'-0"	29'-0"	32'-0"	26'-1 ½"	26'-1 ½"			
		ws inple holstway		[8739mm]	[8839mm]	[8839mm]	[9754mm]	[7963mm]	[7963mm]			
		SS	6'-8" [2032mr	n]6'-8" [2032mm]	7'-2" [2184mm]	7'-10" [2388mm]						
						7'-10"	7'-10"					
D	Depth	CP	6'-8" [2032mr	n] <mark>6'-8" [2032mm]</mark>	7'-2" [2184mm]	[2388mm]	[2388mm]					
						[23001111]	[23001111]	10'-4 3/8"	10'-10 ½"			
		25						[3160mm]	[3313mm]			
		SS,CP	4'-5"	4'-11"	4'-11"	4'-11"	5'-5"					
J	Rough opening width	33,07	[1346mm]	[1498mm]	[1498mm]	[1498mm]	[1651mm]					
J		25						5'-5"	5'-5"			
								[1651mm]	[1651mm]			
К	Rough open	ing height				7'-10" [2387mm]						
Oph	Clear openi	ng height				7'-0" [2134mm]						
		200FPM										
		[1.0m/s]			15'-0" [4572mm]			15'-8" [	4775mm]			
	-	300FPM							[4928mm]			
	Overhead for				15'-6" [4724mm]			16'-2" [				
		[1.5m/s]										
ОН	(H=8'-0" [2435mm] car)	350FPM	16'-0" [4877mm] 16'-8"						5080mm]			
•		[1.75m/s]										
		400FPM			16'-6" [5029mm]			17'_0" [	5222mm <sup>1</sup>			
		[2.0m/s]			10-0 [3023000]			1/-2 [	5232mm]			
		500FPM										
		[2.5m/s]			17'-6" [5334mm]			18'-2" [	5537mm]			
		200FPM						1				
		[1.0m/s]		5'-0" [1	524mm]			5'-4" [1625mm]				
		. / .										
		300FPM	5'-6" [1676mm]						5'-9" [1752r			
									5'-11"			
		[1.5m/s]		[ 0" [177mm]								
ріт	Dit donth				E' 0" [4	727mm1	5'-8" [1727mm]					
PIT	Pit depth	[1.5m/s]			5'-8" [1]	727mm]			[10031111]			
PIT	Pit depth	[1.5m/s] 350FPM				-						
PIT	Pit depth	[1.5m/s] 350FPM [1.75m/s] 400FPM				727mm] 880mm]						
PIT	Pit depth	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s]			6'-2" [1	880mm]			6'-5" [1956r			
PIT	Pit depth	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM			6'-2" [1	-			6'-5" [1956n 6'-11"			
		[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s]			6'-2" [1	880mm]			6'-5" [1956r 6'-11"			
	Pit depth	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM		101.01	6'-2" [1	2880mm] 032mm]	111.0"	010.1/	6'-5" [1956n 6'-11" [2108mm]			
		[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s]	9'-0"	10'-0"	6'-2" [18 6'-8" [20 10'-0"	2880mm] 032mm] 10'-0"	11'-0"	9'-0 ½"	6'-5" [1956r 6'-11" [2108mm] 9'-0 ½"			
	Ichine Room	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s]	[2743mm]	[3048mm]	6'-2" [1; 6'-8" [2; 10'-0" [3048mm]	10'-0" [3048mm]	[3342mm]	[2756mm]	6'-5" [1956r 6'-11" [2108mm] 9'-0 ½" [2756mm]			
	Ichine Room	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s] Room Width	[2743mm] 17'-8"	[3048mm] 19'-8"	6'-2" [1; 6'-8" [2; 10'-0" [3048mm] 19'-10"	880mm] 032mm] 10'-0" [3048mm] 19'-10"	[3342mm] 21'-10"	[2756mm] 17'-11"	6'-5" [1956r 6'-11" [2108mm] 9'-0½" [2756mm] 17'-11"			
Ma	Ichine Room Single Machine	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s] Room Width	[2743mm] 17'-8" [5385mm]	[3048mm] 19'-8" [5994mm]	6'-2" [1; 6'-8" [20 10'-0" [3048mm] 19'-10" [6045mm]	10'-0" [3048mm] 19'-10" [6045mm]	[3342mm] 21'-10" [6655mm]	[2756mm] 17'-11" [5461mm]	6'-5" [1956r 6'-11" [2108mm] 9'-0 ½" [2756mm] 17'-11" [5461mm]			
Ma	Single Machine	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s] Room Width	[2743mm] 17'-8" [5385mm] 26'-4"	[3048mm] 19'-8" [5994mm] 29'-4"	6'-2" [1; 6'-8" [2] 10'-0" [3048mm] 19'-10" [6045mm] 29'-8"	880mm] 032mm] 10'-0" [3048mm] 19'-10" [6045mm] 29'-8"	[3342mm] 21'-10" [6655mm] 32'-8"	[2756mm] 17'-11" [5461mm] 26'-9 ½"	6'-5" [1956r 6'-11" [2108mm] 9'-0 ½" [2756mm] 17'-11" [5461mm] 26'-9 ½"			
Ma	Ichine Room Single Machine	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s] Room Width	[2743mm] 17'-8" [5385mm] 26'-4" [8026mm]	[3048mm] 19'-8" [5994mm] 29'-4" [8940mm]	6'-2" [1; 6'-8" [2( 10'-0" [3048mm] 19'-10" [6045mm] 29'-8" [9093mm]	880mm] 032mm] 10'-0" [3048mm] 19'-10" [6045mm] 29'-8" [9093mm]	[3342mm] 21'-10" [6655mm] 32'-8" [9957mm]	[2756mm] 17'-11" [5461mm] 26'-9 ½" [8166mm]	6'-5" [1956r 6'-11" [2108mm] 9'-0½" [2756mm] 17'-11" [5461mm] 26'-9½" [8166mm]			
Ma	Single Machine	[1.5m/s] 350FPM [1.75m/s] 400FPM [2.0m/s] 500FPM [2.5m/s] Room Width e Room Width Room Width	[2743mm] 17'-8" [5385mm] 26'-4"	[3048mm] 19'-8" [5994mm] 29'-4"	6'-2" [1; 6'-8" [2] 10'-0" [3048mm] 19'-10" [6045mm] 29'-8"	880mm] 032mm] 10'-0" [3048mm] 19'-10" [6045mm] 29'-8"	[3342mm] 21'-10" [6655mm] 32'-8"	[2756mm] 17'-11" [5461mm] 26'-9 ½"	[2108mm] 9'-0 ½" [2756mm] 17'-11" [5461mm]			

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

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