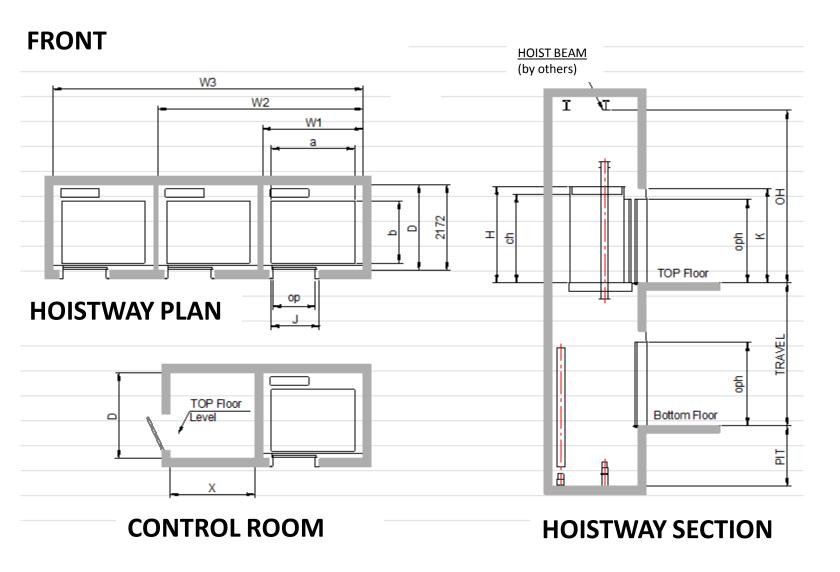
SECTION & PLANS (FRONT)



MRL

PLANNING GUIDE (FRONT)

				FR	ONT OPE	NING					
Туре			Fork Type Passenger elevator								
Rated Ibs[Kg]			2100 [953]	2100 [950]	2500 [1134]	3000 [1361]	3500 [1588]	4000 [1814]	4000 [1814]	4500 [2041]	
Passeng	Passenger Capacity			14	16	20	23	27	27	30	
Car											
a	Interior width		5'-8"	5'-8''	6'-8''	6'-8"	6'-8"	7'-8''	5'-8"	5'-8"	
			[1728mm]	[1728mm]	[2032mm]	[2032mm]	[2032mm]	[2336mm]	[1728mm]	[1728mm]	
b	Interior depth		4'-3" [1295mm]	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	[1233]	[1233]			/ 8' -0" [2435m	+	[=========	[2.120]	
ор		SS	3'-0"	3'-0"	3'-6"	3'-6"	3'-6"				
	Car door width	33	[914mm]	[914mm]	[1067mm]	[1067mm]	[1067mm]				
		СР			3'-6" [1067mm]	3'-6" [1067mm]	3'-6" [1067mm]	4'-0" [1219mm]			
		26			[100/11111]				4'-0"	4'-0"	
		2S							[1219mm]	[1219mm]	
Hoist	way										
			※ 7'-4" [2235mm]	7'-4"	8'-4"	8'-4"	8'-4"	9'-8"	8'-4 ½''	8'-4 ½"	
Width	W1 Single hoistway		7'-7½"	[2235mm]	[2540mm]	[2540mm]	[2540mm]	[2946mm]	[2553mm]	[2553mm]	
			[2324mm]	451.00	4=1.0!!	4=1.011	4=1.011	101.01	4=1.0"	4=1.011	
	W2 Double hoistway		15'-7" [4750mm]	15'-0" [4572mm]	17'-0" [5182mm]	17'-2" [5232mm]	17'-2" [5232mm]	19'-2" [5842mm]	17'-3" [5258mm]	17'-3" [5258mm]	
			23'-61/2"	22'-8"	25'-8"	26'-0"	26'-0"	29'-0"	26'-11/2"	26'-1 ½"	
	W3 Triple hois	tway	[7176mm]	[6909mm]	[7824mm]	[7925mm]	[7925mm]	[8839mm]	[7963mm]	[7963mm]	
		SS	5-111/8"	6'-7½"	6'-7½"	7'-1½"	7'-10"				
			[1807mm]	[2019mm]	[2019mm] 6'-7 ½"	[2172mm] 7'-1 ½"	[2388mm] 7'-10"	7'-10"			
D	Depth	CP			[2019mm]	[2172mm]	[2388mm]	[2388mm]			
		2S							9'-2 ¼"	9'-81/4"	
			4'-5"	4'-5"	4'-11"	4'-11"	4'-11"	5'-5"	[2800mm]	[2953mm]	
_	Rough opening width	SS,CP	4-5 [1346mm]	[1346mm]	[1498mm]	[1498mm]	[1498mm]	[1651mm]			
J		2S							5'-5"	5'-5"	
									[1651mm]	[1651mm]	
K	Rough opening		7'-10" [2387mm]								
oph	Clear opening height		2 2 2 2 7 1	7'-0" [2134mm]						I	
	Overhead for (H=8'-0" [2435mm] car)	200FPM [1.0m/s]	16'-3 ³ / ₈ " [4962mm]	14'-1 ¾'' [4311mm]	14'-3 ⁵ '' [4360mm]	14'-6 ⁵ " [4435mm]	14'-10 ⁵ " [4537mm]	17'-2 § " [5248mm]	17'-4" [5283mm]	
		300FPM	16'-9 5/8"	14'-7 ½" [4448mm]		14'-9 1 8"	15'-0"	15'-4"	17'-8"	17'-9 3"	
		[1.5m/s]	[5121mm]			[4499mm]	[4572mm]	[4673mm]	[5384mm]	[5419mm]	
ОН		350FPM	17'-1"	14' 10" [4521mm]	14'-11 ⁷	15'-2 7 "	15'-6 ¾''	17'-10 ⁷	18'-0 ½"	
		[1.75m/s]	[5207mm]	14-10 [/	4521111111	[4569mm]	[4645mm]	[4744mm]	[5457mm]	[5490mm]	
		400FPM	17'-5 ¼''	15'-4 ½" [4687mm]		15'-9 ½"	15'-9 ½"	16'-0 ¾''	18'-6 ⁷ "	18'-8 ¾''	
		[2.0m/s]	[5314mm]	16'-1 ½" [4918mm]		[4813mm]	[4813mm]	[4896mm]	[5661mm]	[5709mm]	
		500FPM	18'-3 7/8"			16'-6 \frac{5}{8}"	16'-6 \frac{5}{8}"	16'-9 7''	19'-3 7''	19'-5 7''	
		[2.5m/s] 200FPM	[5584mm] 5'-0"			[5045mm]	[5045mm]	[5127mm]	[5890mm]	[5940mm]	
PIT	Pit depth	[1.0m/s]	[1524mm]	5'-0" [1524mm] 5'-4" [1625m]	
		300FPM	5'-6"	5'-6" [1676mm]						5'-9 ¼"	
		[1.5m/s]	[1676mm]	3 0 (10/0mm)						[1759mm]	
		350FPM [1.75m/s]	5'-8" [1727mm]	5'-6" [1676mm] 5'-9 ¼" [1759mm] 6'-5 ½"							
		400FPM	6'-2"								
		[2.0m/s]	[1880mm]			6'-3 ½" [:	1917mm]			[1978mm]	
		500FPM	6'-8''	7'-5 ¼" [2267mm] 7'-8 ½"							
[2.5m/s]			[2032mm]							[2350mm]	
<u> </u>			Side Hand	Rear Hand Side						Hand	
Contr	ol Room										
	Control room-Simplex		5'-0" [1524mm]								
Χ	Control room-Duplex		7'-0" [2134mm]								
	Control room-1	riple	9'-6" [2895mm] 37								

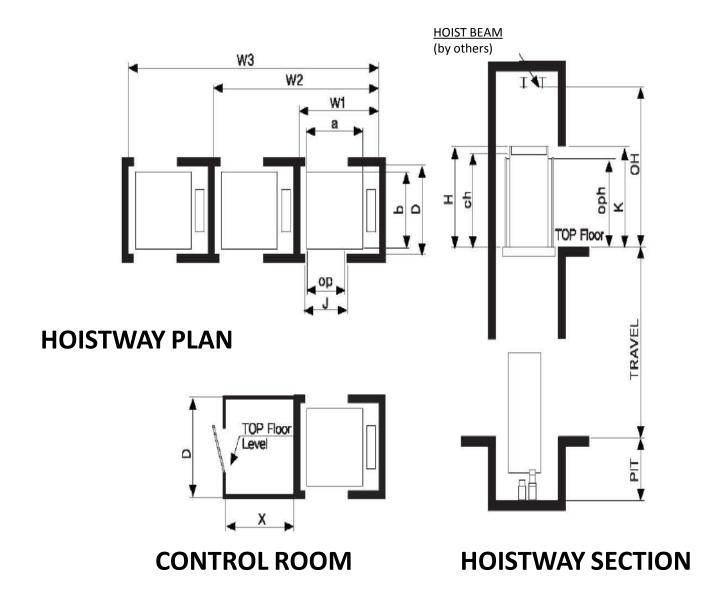
^{1.} Increase overhead dimension respectively for higher cab over 8'-0".

^{3.} Note shall be applied for up to 2,100lbs/200fpm only (CWT guide is sliding shoe type)

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

^{4. 2}SSO type entrance for passenger elevators from 2,500lbs to 4,000lbs is optional.

FRONT and REAR



MRL

PLANNING GUIDE (F & R)

	Туре			P	Hospital elevator						
	Rated lbs[Kg]		Passenger elevator 2100 [953] 2500 [1134] 3000 [1361] 3500 [1588] 4000 [1814]					4000 [1814] 4500 [2041]			
	Passenger Capaci	h.,	14	16	20	23	27	27	30		
Car	Passenger Capaci	ıy	14	10	20	23	27	27	30		
			5'-8"	6'-8"	6'-8"	6'-8"	7'-8"	5'-8"	5'-8"		
a	Interior width		[1728mm]	[2032mm]	[2032mm]	[2032mm]	[2336mm]	[1728mm]	[1728mm]		
b	Interior	Interior depth		4'-3"	4'-9"	5'-5"	5'-5"	7'-5"	7'-11"		
U	Interior	чери	[1295mm]	[1295mm]	[1448mm]	[1651mm]	[1651mm]	[2260mm]	[2413mm]		
ch	Interior height		7'-4" [2235mm] / 8'-0" [2435mm]								
	Car door width	SS	3'-0"	3'-6"	3'-6"	3'-6"					
		J	[914mm]	[1067mm]	[1067mm]	[1067mm]					
ор		СР	3'-0"	3'-6"	3'-6"	3'-6"	4'-0"				
			[914mm]	[1067mm]	[1067mm]	[1067mm]	[1219mm]	4'-0"	4'-0"		
		2S						[1219mm]	[1219mm]		
Но	istway		!	!	!	.!	!	,			
	W1 Single hoistway W2 Double hoistway		8'-4"	9'-4"	9'-4"	9'-4"	10'-4"	8'-4 ½"	8'-4 ½"		
			[2540mm]	[2845mm]	[2845mm]	[2845mm]	[3150mm]	[2553mm]	[2553mm]		
Width			17'-0"	19'-0"	19'-2"	19'-2"	21'-2"	17'-3"	17'-3"		
Widen	W2 Double Holstway		[5182mm]	[5792mm]	[5842mm]	[5842mm]	[6452mm]	[5258mm]	[5258mm]		
	W3 Triple	hoistway	25'-8"	28'-8"	29'-0"	29'-0"	32'-0"	26'-1½"	26'-1½"		
			[7824mm] 6'-8"	[8739mm] 6'-8"	[8839mm] 7'-2"	[8839mm] 7'-10"	[9754mm]	[7963mm]	[7963mm]		
		SS	[2032mm]	[2032mm]	[2184mm]	[2388mm]					
-	5	<u> </u>	6'-8"	6'-8"	7'-2"	7'-10"	7'-10"				
D	Depth	СР	[2032mm]	[2032mm]	[2184mm]	[2388mm]	[2388mm]				
		2S						10'-4 3/8"	10'-10 ½"		
			41.50	41.4411	41.4411	41.4411	-1 -11	[3160mm]	[3313mm]		
	Rough opening width	SS,CP	4'-5" [1346mm]	4'-11" [1498mm]	4'-11" [1498mm]	4'-11" [1498mm]	5'-5"				
J			[134011111]	[149011111]	[149011111]	[149011111]	[1651mm]	5'-5"	5'-5"		
		2S						[1651mm]	[1651mm]		
K	Rough oper	ning height				7'-10" [2387mm]				
oph	Clear open	ar opening height 7'-0" [2134mm]									
	Overhead for 8'-0" [2435mm] car	200FPM	461.53/11.5	1	16'-7 ¾"	16'-10 5/8"	47! 2.5" [5240]		17'-4"		
		[1.0m/s]	16'-5 ¾" [5022mm]		[5073mm]	[5147mm]	17'-2 §" [5248mm]		[5283mm]		
		300FPM	16'-11 ½" [5159mm]		17'-1 1/8"	17'-4"	17'-8" [5384mm]		17'-9 흫"		
		[1.5m/s]	10 11 8 [313311111]		[5210mm]	[5283mm]			[5419mm]		
ОН		350FPM [1.75m/s]	17'-2" [5232mm]		17'-4" [5283mm]	17'-6 ⁷ / ₈ " [5356mm]	17'-10 ⁷ / ₈ " [5457mm]		18'-0 គ ្ខ" [5490mm]		
		400FPM			18'-3 ½"	18'-3 ½"			18'-8 ¾"		
		[2.0m/s]	17'-10 5"	5451mm]	[5575mm]	[5575mm]	18'-6 🖁 " [5661mm]		[5709mm]		
		500FPM	18'-7 គួ" [5680mm]		19'-0 § "	19'-0 5 "	19'-3 র" [5890mm]		19'-5 7 "		
		[2.5m/s]	10 7 8 [[5807mm]	[5807mm] 19 3 8		.505011111]	[5940mm]		
	Pit depth	200FPM	5'-0" [1524mm] 5'-4" [1625mm]								
		[1.0m/s] 300FPM							5'-9 ¼"		
		[1.5m/s]	5'-6" [1676mm]						[1759mm]		
DIT.		350FPM	5'-6" [1676mm] 6'-3 ½" [1917mm]								
PIT		[1.75m/s]									
		400FPM									
		[2.0m/s]	0 -2 /5 [121\						[1978mm] 7'-8 ½"		
		500FPM	7'-5 ¼" [2267mm]								
<u></u>	untorwoight!	[2.5m/s]	Side Hand								
	ounterweight Loca	LIUII				Side Halla					
Conti	rol Room					=1 out :== : :					
	Control roo	·	5'-0" [1524mm]								
Χ	Control roo	m-Duplex		7'-0" [2134mm]							
	Control roo	om-Triple		9'-6" [2895mm]							
	NOTE		9-0 [2033HIII]								

NOTE

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

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

^{3. 2}SSO type entrance for passenger elevators from 2,500lbs to 4,000lbs is optional.