

# GT VisionLift Traction™



## Traction Elevators



- ✓ Geared - Gearless
- ✓ Up to 1200 fpm (Gearless)
- ✓ Up to 500 fpm (Geared)
- ✓ Up to 60 000 lbs Capacity (Freight)
- ✓ Reliable
- ✓ Custom Sizes & Capacities Available
- ✓ Only Top Quality Components
- ✓ Formed or Structural Carsling
- ✓ Overhead, Basement, Above/Beside
- ✓ 1:1, 1:2 Underslung
- ✓ Competitive Pricing
- ✓ Meets or Exceeds Ansi 17.1 or B44 Code
- ✓ CEN Code Compliance Available

Global-Tardif is a well-respected manufacturer of vertical equipment since 1984 with over four decades of combined experience in its field.

As a leading manufacturer of Gearless, Geared, MRL (Machine Room Less), Hydraulic, Freight and any specialty custom elevator system, Global-Tardif introduces you the most complete line of pre-engineered geared and gearless elevator solutions for low rise, mid rise and high rise buildings; the **GT VisionLift™ Traction**. We designedv them to provide a wide selection of packages and the most popular sizes and capacity ranges.

Our elevators incorporates the ACVWF control, the **GT-ProLog™**. We can optionally offer you the Serial-Link technology to improve your field efficiency and reduce downtime.

All our traction elevators are using top of the line, proven, dependable components.

since 1984



Elevator Manufacturing Group



### Geared / Gearless STANDARD FEATURES

- 2000 - 4000 lbs passenger type
- 4000 - 5000 lbs hospital type
- Standard Global-Tardif platform sizes
- Speed of 200 to 1200 fpm
- 2 to 55 stops
- Front or front & rear openings
- AC V3F drive system
- GT Control system
- Up to 8 cars in group
- Single slide, center opening or two speed slide doors
- Cab height of 8'-0", 9'-0", 9'-6" or 10'-0"
- Independant service operation
- Emergency fire service operation
- Infrared door detection operation
- Anti nuisance operation
- ADA Emergency phone
- Hoistway access operation
- Nudging
- Loaded car bypass operation
- Automatic dispatching of loaded car operation

### OPTIONAL FEATURES

- Emergency hospital service operation
- Earthquake emergency operation
- Elevator monitoring system
- VIP operation
- Card reader access operation
- Freight - Up to 60 000 lbs capacity
- Dust proof, explosion proof, water proof



### Geared Hoisting Machine

- Heavy duty Hollister-Whitney machine
- Direct current brake with disc brake
- Demountable traction sheave
- Sheave guard



### AC Hoist Motor

- From 7.5 HP to 75 HP
- Open drip-proof enclosures
- High acceleration torque, low current draw
- Vibration free car operation



### GT-Synchron™ Gearless Machine

- AC Permanent magnet synchronous design
- Totally enclosed
- Self-cooling motor
- Quiet, smooth operation
- Maintenance free - no brushes to maintain



### Control System

- Independent service operation
- AC V3F drive system
- Emergency fire service operation
- Hoistway access operation
- Anti Nuisance Operation
- Nudging feature
- Many functions programmable on site
- Emergency power operation
- CSA approved
- Easy to operate
- Low maintenance
- Analog Pre-torque operation



# GT VisionLift Traction™ Cabs, fixtures & options

## Outstanding Cab design **GT-VP™**

- ◆ Solid steel shell block painted
- ◆ Stainless steel #4 cab front
- ◆ Stainless steel #4 doors
- ◆ 2" (50 mm) Stainless steel #4 reveals
- ◆ Stainless steel #4 kick base
- ◆ Plastic laminate panels
- ◆ Stainless steel #4 solid 1/4" x 2" flat bar
- ◆ **GT-22E** or **GT-22L** suspended ceiling
- ◆ Pad hooks

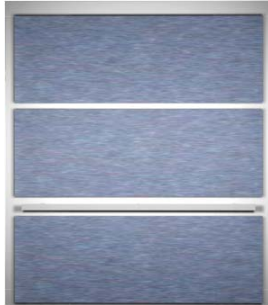


## Cab options

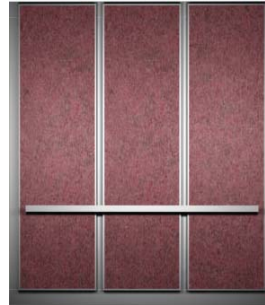
Cab panels  
Series **GT-Shell™**



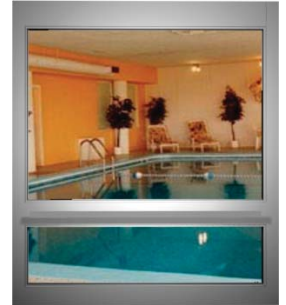
Cab panels  
Series **GT-HP™**



Cab panels  
Series **GT-VBP™**



Cab panels  
Series **GT-GB™**



Ceiling - Island **GT-22L** Lexan



Ceiling - Island **GT-23** downlights



Ceiling - Island **GT-124** downlights



Ceiling - Island **GT-PF** with  
perimeter fluorescent



**GT150TSS4**  
**GT150TSS4**  
Cylindrical Handrail  
1 1/2" or 2" diameter  
(38 or 50 mm)



**GT144FSS4**  
Solid Handrail  
1/4" x 4"  
(6 x 100 mm)



**GT146FSS4**  
**GT148FSS4**  
Solid Handrail  
1/4" x 6" - 8"  
(6 x 150 - 200 mm)



**GTHW26**  
**GTHW28**  
**GTHW210**  
Hardwood Handrail  
2" x 6" - 8" - 10"  
(50 x 150 - 200 - 255 mm)



## Standard Fixtures Package

- ◆ LED illumination
- ◆ 24 VDC
- ◆ Stainless steel #4 faceplate
- ◆ Tamper proof screws
- ◆ Blue, red, green, amber or white LED
- ◆ Vandal resistant



# GT VisionLift Traction™ Geared "overhead" passenger elevators

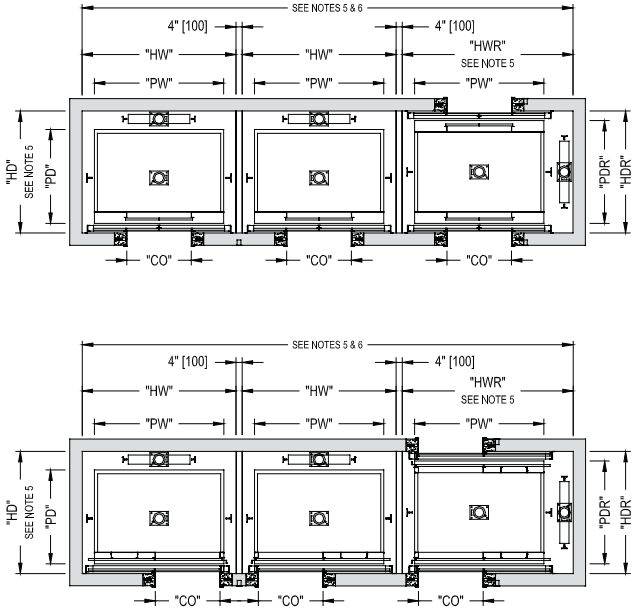
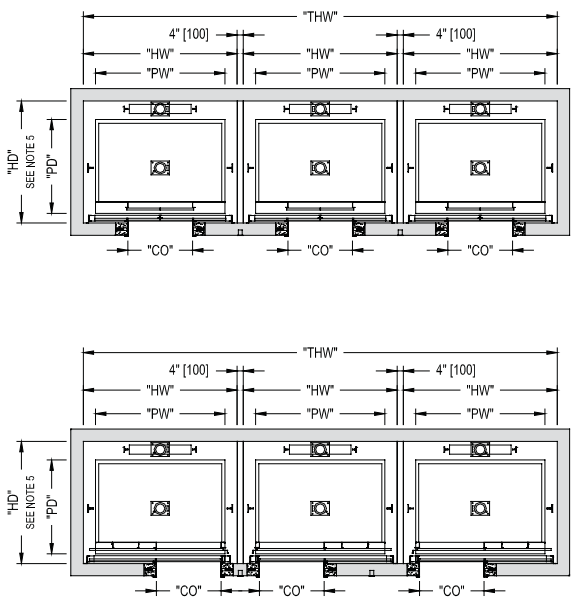
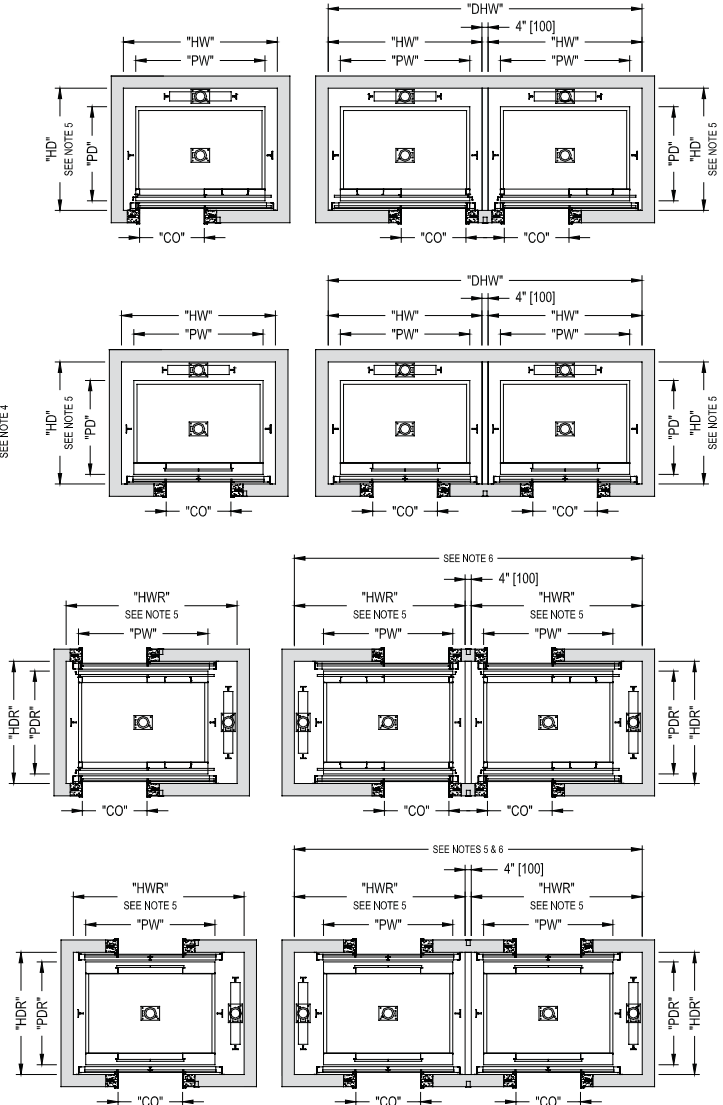
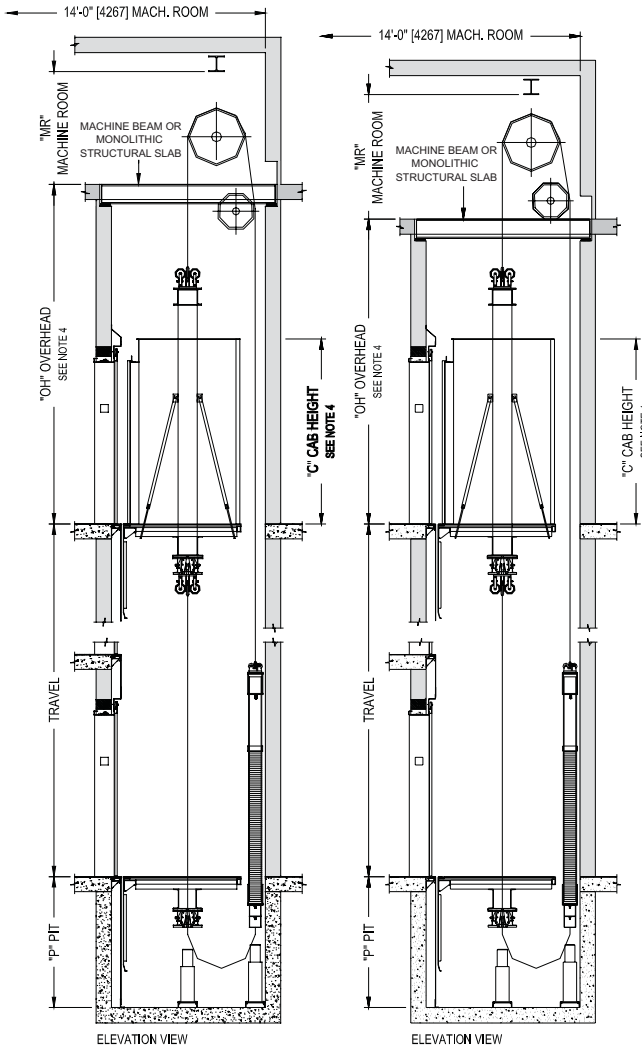
Capacity (lbs)[Kg]	FRONT OPENING & FRONT/REAR OPENING									
	2100	950	2500	1150	3000	1350	3500	1600	4000	1800
Speed (fpm)[m/s]	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5
Elevator Dim. (in)[mm]										
PW	6'-0"	1830	7'-0"	2135	7'-0"	2135	7'-0"	2135	8'-0"	2440
PD	5'-1"	1550	5'-1"	1550	5'-7"	1700	6'-3"	1905	6'-3"	1905
PDR	5'-6 3/4"	1695	5'-6 3/4"	1695	6'-0 3/4"	1850	6'-8 3/4"	2050	6'-8 3/4"	2050
CO	3'-0"	915	3'-6"	1070	3'-6"	1070	3'-6"	1070	4'-0"	1220
Type Entrance (Doors)	1 Speed <sup>2</sup>	1 Speed <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>3</sup>	1 Speed or CO <sup>3</sup>	CO <sup>3</sup>	CO <sup>3</sup>
Hoistway Dim. (in)[mm]										
HW <sup>5</sup>	7'-4"	2235	8'-4"	2540	8'-4"	2540	8'-4"	2540	9'-4"	2845
HWR <sup>5</sup>	8'-4"	2540	9'-4"	2845	9'-4"	2845	9'-4"	2845	10'-4"	3150
DHW <sup>6</sup>	15'-0"	4570	17'-0"	5180	17'-0"	5180	17'-0"	5180	19'-0"	5790
THW <sup>6</sup>	22'-8"	6910	25'-8"	7825	25'-8"	7825	25'-8"	7825	28'-8"	8740
HD <sup>5</sup>	6'-7 1/4"	2015	6'-7 1/4"	2015	7'-1 1/4"	2165	7'-9 1/4"	2370	7'-9 1/4"	2370
HDR <sup>5</sup>	6'-7 1/4"	2015	6'-7 1/4"	2015	7'-1 1/4"	2165	7'-9 1/4"	2370	7'-9 1/4"	2370
M. R. Height (in)[mm]										
(Deflector Sheave in OH)	7'-6"	2285	7'-6"	2285	7'-6"	2285	7'-6"	2285	7'-6"	2285
(Deflector Sheave in MR)	8'-6"	2590	8'-6"	2590	8'-6"	2590	8'-6"	2590	8'-6"	2590
Min. OH (fpm)[m/s] <sup>4</sup>										
(Deflector Sheave in MR)										
150 - 200 [0,75 - 1,0]	15'-0"	4570	15'-0"	4570	15'-0"	4570	15'-0"	4570	15'-0"	4570
250 - 350 [1,25 - 1,75]	16'-0"	4875	16'-0"	4875	16'-0"	4875	16'-0"	4875	16'-0"	4875
400 [2,0]	17'-0"	5180	17'-0"	5180	17'-0"	5180	17'-0"	5180	17'-0"	5180
450 [2,25]	18'-0"	5485	18'-0"	5485	18'-0"	5485	18'-0"	5485	18'-0"	5485
500 [2,5]	18'-0"	5485	18'-0"	5485	18'-0"	5485	18'-0"	5485	18'-0"	5485
Min. OH (fpm)[m/s] <sup>4</sup>										
(Deflector Sheave in OH)										
150 - 200 [0,75 - 1,0]	16'-6"	5030	16'-6"	5030	16'-6"	5030	16'-6"	5030	16'-6"	5030
250 - 350 [1,25 - 1,75]	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335
400 [2,0]	18'-6"	5640	18'-6"	5640	18'-6"	5640	18'-6"	5640	18'-6"	5640
450 [2,25]	19'-6"	5945	19'-6"	5945	19'-6"	5945	19'-6"	5945	19'-6"	5945
500 [2,5]	19'-6"	5945	19'-6"	5945	19'-6"	5945	19'-6"	5945	19'-6"	5945
Max. Travel (fpm)[m/s]										
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160
	For Higher Travel, Please Contact Us									
Pit Depth P (fpm)[m/s]										
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980
NOTE : For seismic conditions zone 2 and greater add to dimension (in)[mm]										
HW	4"	100	4"	100	4"	100	4"	100	4"	100
HD	1"	25	1"	25	1"	25	1"	25	1"	25
HWR	3"	75	3"	75	3"	75	3"	75	3"	75

## Notes :

1. Denotes non-compliance with ADA
2. Will not accommodate ambulatory requirements
3. Only in Alberta province will not accommodate ambulatory requirements
4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. For duplex or triplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

For more information or other requirements, contact us

# GT VisionLift Traction™ Geared "overhead" passenger elevators



Global-Tardif reserves the right to change specifications without notice

# GT VisionLift Traction™ Geared "overhead" service elevators

Capacity (lbs)[Kg]	FRONT OPENING & FRONT/REAR OPENING					
	4000	1800	4500	2000	5000	2250
<b>Speed (fpm)[m/s]</b>	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5
<b>Elevator Dim. (in)[mm]</b>						
<b>PW</b>	5'-8"	1730	6'-0"	1830	6'-3"	1905
<b>PD</b>	8'-10 1/2"	2705	8'-10 1/2"	2705	9'-5 1/2"	2885
<b>PDR</b>	9'-5 3/4"	2890	9'-5 3/4"	2890	10'-3/4"	3070
<b>CO</b>	4'-0"	1220	4'-0"	1220	4'-6"	1370
<b>Type Entrance (Doors)</b>	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed
<b>Hoistway Dim. (in)[mm]</b>						
<b>HW<sup>5</sup></b>	7'-8"	2340	8'-0"	2440	8'-3"	2515
<b>DHW<sup>6</sup></b>	15'-8"	4775	16'-4"	4980	16'-10"	5130
<b>THW<sup>6</sup></b>	23'-8"	7215	24'-8"	7520	25'-5"	7750
<b>HD<sup>5</sup></b>	9'-9"	2970	9'-9"	2970	10'-4"	3150
<b>HDR<sup>5</sup></b>	10'-9 1/4"	3285	10'-9 1/4"	3285	11'-4 1/4"	3460
<b>M. R. Height (in)[mm]</b>						
(Deflector Sheave in OH)	7'-6"	2285	7'-6"	2285	7'-6"	2285
(Deflector Sheave in MR)	8'-6"	2590	8'-6"	2590	8'-6"	2590
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in MR)						
150 - 200 [0,75 - 1,0]	15'-0"	4570	15'-0"	4570	15'-0"	4570
250 - 350 [1,25 - 1,75]	16'-0"	4875	16'-0"	4875	16'-0"	4875
400 [2,0]	17'-0"	5180	17'-0"	5180	17'-0"	5180
450 [2,25]	18'-0"	5485	18'-0"	5485	18'-0"	5485
500 [2,5]	18'-0"	5485	18'-0"	5485	18'-0"	5485
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in OH)						
150 - 200 [0,75 - 1,0]	16'-6"	5030	16'-6"	5030	16'-6"	5030
250 - 350 [1,25 - 1,75]	17'-6"	5335	17'-6"	5335	17'-6"	5335
400 [2,0]	18'-6"	5640	18'-6"	5640	18'-6"	5640
450 [2,25]	19'-6"	5945	19'-6"	5945	19'-6"	5945
500 [2,5]	19'-6"	5945	19'-6"	5945	19'-6"	5945
<b>Max. Travel (fpm)[m/s]</b>						
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160
For Higher Travel, Please Contact Us						
<b>Pit Depth P (fpm)[m/s]</b>						
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980	6'-6"	1980
<b>NOTE :</b> For seismic conditions zone 2 and greater add to dimension (in)[mm]						
<b>HW</b>	4"	100	4"	100	4"	100
<b>HD</b>	1"	25	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75	3"	75

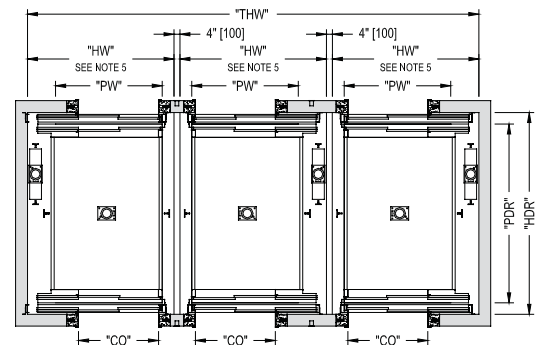
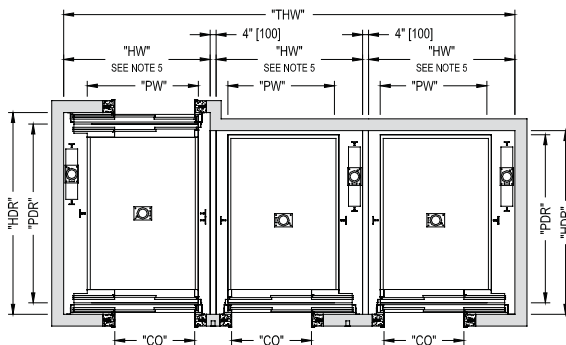
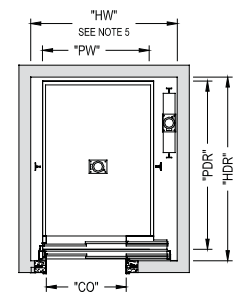
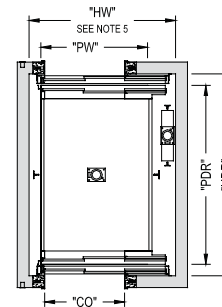
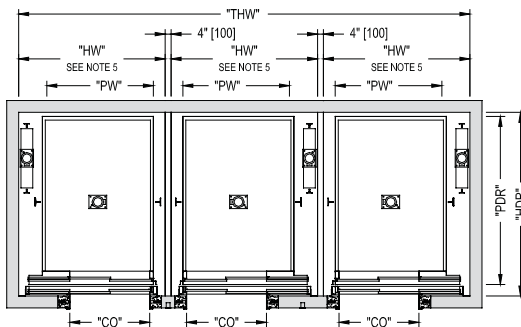
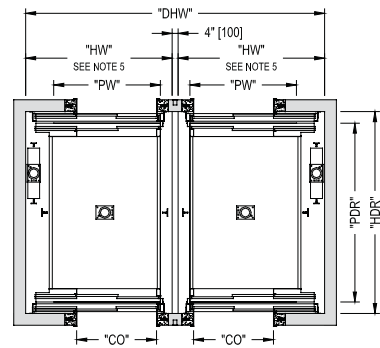
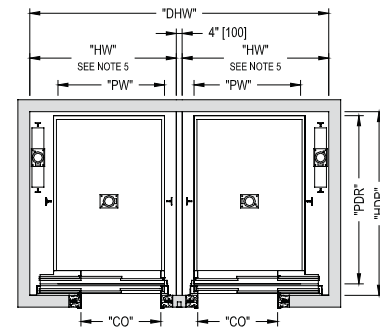
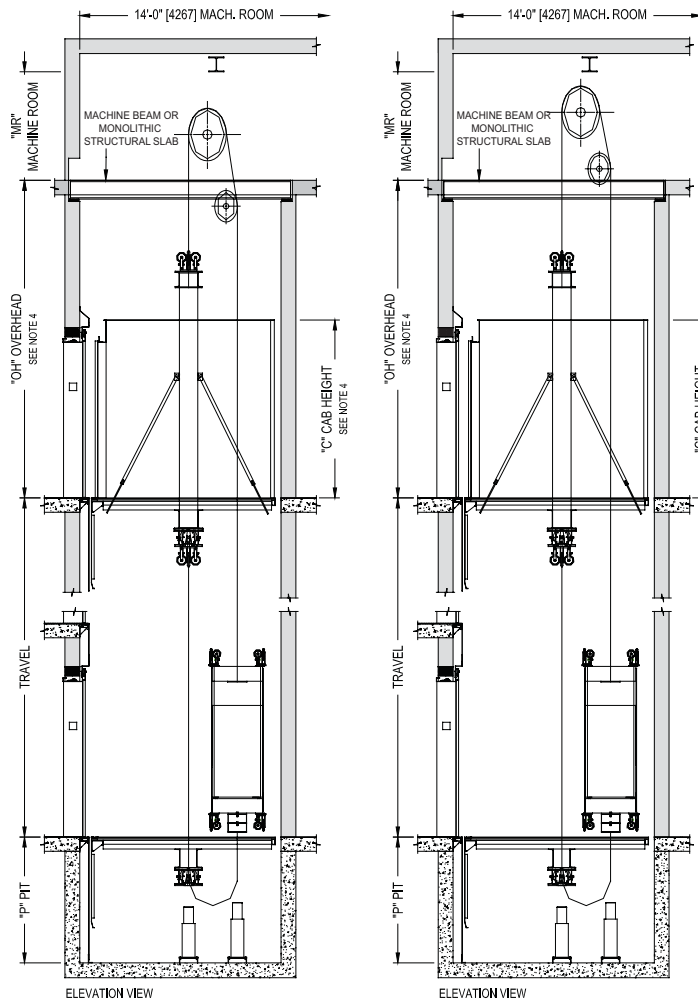
**Notes :**

4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. For duplex or triplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

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Geared "overhead" service elevators



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# GT VisionLift Traction™ Gearless "overhead" passenger elevators

	FRONT OPENING & FRONT/REAR OPENING					
<b>Capacity (lbs)[Kg]</b>	2500	1150	3000	1350	3500	1600
<b>Speed (fpm)[m/s]<sup>7, 8</sup></b>	700 to 1200	3,5 to 6,0	700 to 1200	3,5 to 6,0	700 to 1200	3,5 to 6,0
<b>Elevator Dim. (in)[mm]</b>						
<b>PW</b>	7'-0"	2135	7'-0"	2135	7'-0"	2135
<b>PD</b>	5'-1"	1550	5'-7"	1700	6'-3"	1905
<b>PDR</b>	5'-6 3/4"	2050	6'-0 3/4"	1850	6'-8 3/4"	2050
<b>CO</b>	3'-6"	1070	3'-6"	1070	3'-6"	1070
<b>Type Entrance (Doors)</b>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>3</sup>	1 Speed or CO <sup>3</sup>
<b>Hoistway Dim. (in)[mm]</b>						
<b>HW<sup>6</sup></b>	8'-4"	2540	8'-4"	2540	8'-4"	2540
<b>HWR<sup>6</sup></b>	9'-8"	2945	9'-8"	2945	9'-8"	2945
<b>DHW<sup>6</sup></b>	17'-0"	5180	17'-0"	5180	17'-0"	5180
<b>THW<sup>6</sup></b>	25'-8"	7825	25'-8"	7825	25'-8"	7825
<b>HD<sup>5</sup></b>	6'-11 1/4"	2115	7'-5 1/4"	2265	8'-1 1/4"	2470
<b>HDR<sup>5</sup></b>	6'-7 1/4"	2015	7'-1 1/4"	2165	7'-9 1/4"	2370
<b>M. R. Height (in)[mm]</b>						
(Deflector Sheave in OH)	7'-6"	2285	7'-6"	2285	7'-6"	2285
(Deflector Sheave in MR)	8'-6"	2590	8'-6"	2590	8'-6"	2590
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in MR)						
<sup>8</sup> 700 [3,5]	22'-0"	6710	22'-0"	6710	22'-0"	6710
<sup>8</sup> 800 [4,0]	22'-6"	6860	22'-6"	6860	22'-6"	6860
<sup>7</sup> 1000 [5,0]	26'-0"	7925	26'-0"	7925	26'-0"	7925
<sup>7</sup> 1200 [6,0]	27'-6"	8380	27'-6"	8380	27'-6"	8380
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in OH)						
<sup>8</sup> 700 [3,5]	24'-0"	7315	24'-0"	7315	24'-0"	7315
<sup>8</sup> 800 [4,0]	24'-6"	7470	24'-6"	7470	24'-6"	7470
<sup>7</sup> 1000 [5,0]	28'-0"	8535	28'-0"	8535	28'-0"	8535
<sup>7</sup> 1200 [6,0]	29'-6"	8995	29'-6"	8995	29'-6"	8995
<b>Max. Travel (fpm)[m/s]</b>						
<sup>8</sup> 700 [3,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160
<sup>8</sup> 800 [4,0]	520'-0"	158500	520'-0"	158500	520'-0"	158500
<sup>7</sup> 1000 [5,0]	620'-0"	188980	620'-0"	188980	620'-0"	188980
<sup>7</sup> 1200 [6,0]	750'-0"	228600	750'-0"	228600	750'-0"	228600
For Higher Travel, Please Contact Us						
<b>Pit Depth P (fpm)[m/s]</b>						
<sup>8</sup> 700 [3,5]	12'-0"	3660	12'-0"	3660	12'-0"	3660
<sup>8</sup> 800 [4,0]	12'-0"	3660	12'-0"	3660	12'-0"	3660
<sup>7</sup> 1000 [5,0]	16'-0"	4875	16'-0"	4875	16'-0"	4875
<sup>7</sup> 1200 [6,0]	19'-0"	5790	19'-0"	5790	19'-0"	5790
<b>NOTE :</b> For seismic conditions zone 2 or greater add to dimension (in)[mm]						
<b>HW</b>	4"	100	4"	100	4"	100
<b>HD</b>	1"	25	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75	3"	75

#### Notes :

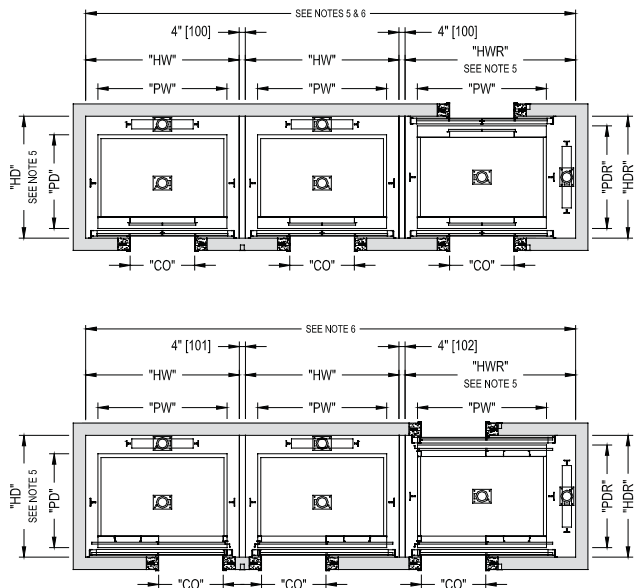
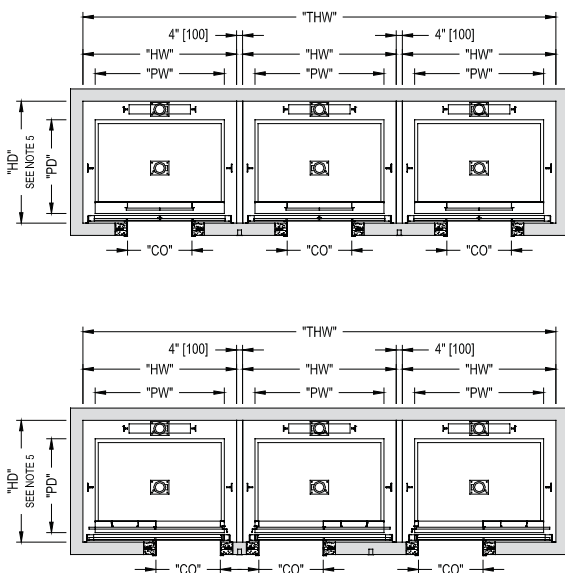
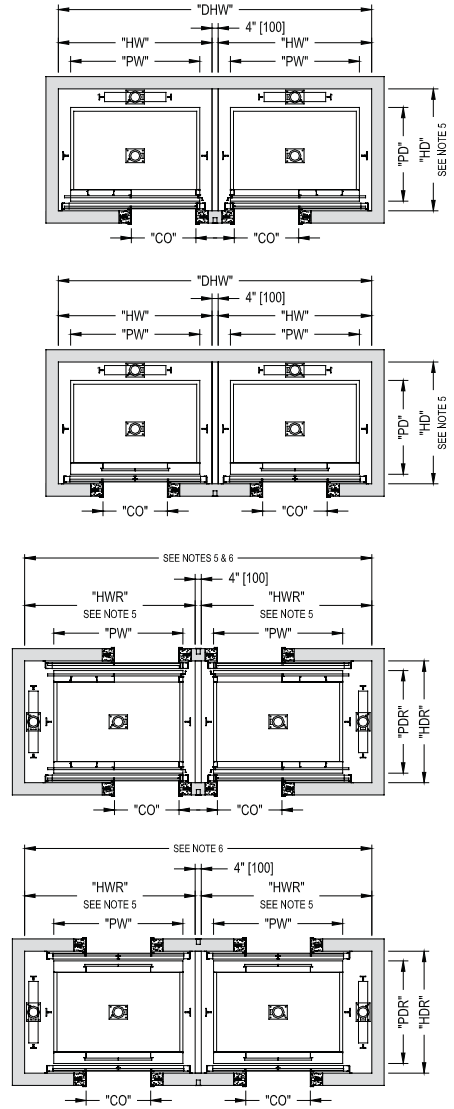
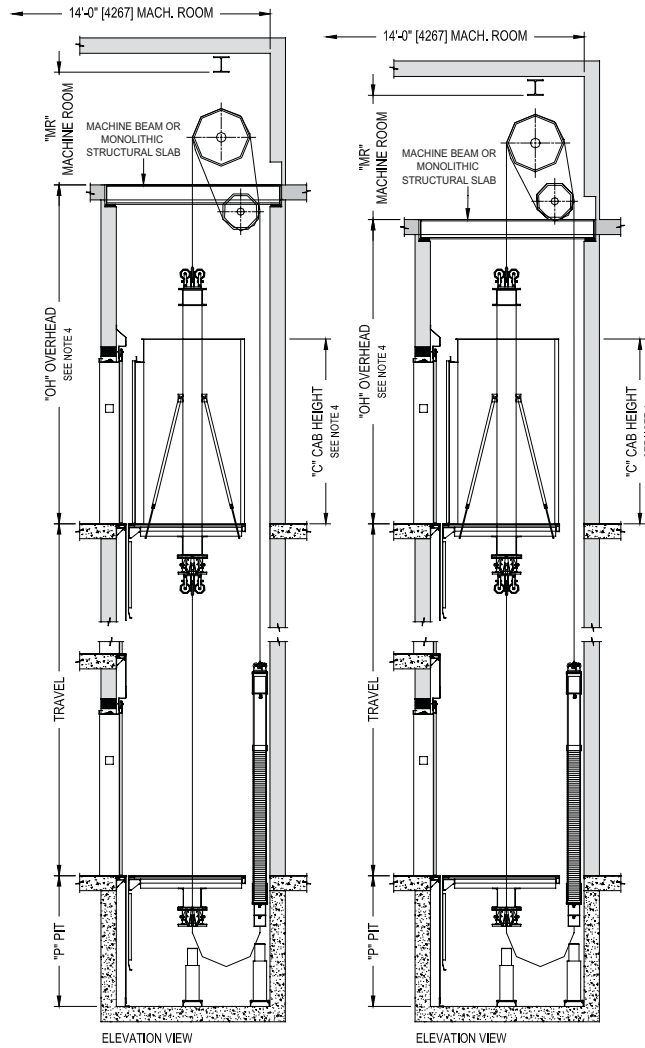
1. Denotes non-compliance with ADA
2. Will not accommodate ambulatory requirements
3. Only in Alberta province will not accommodate ambulatory requirements
4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. For duplex or triplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. 1:1 Roping Factor with Gearless machine
8. 2:1 Roping factor with Geared machine
9. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

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# GT VisionLift Traction™

Gearless "overhead" passenger elevators



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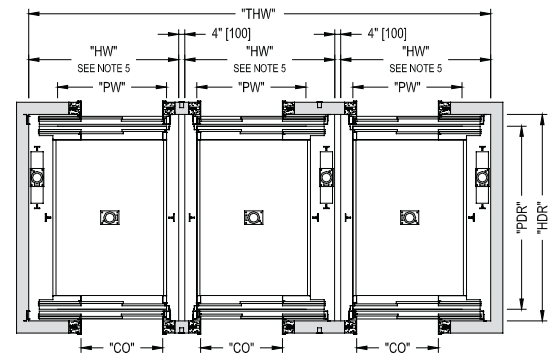
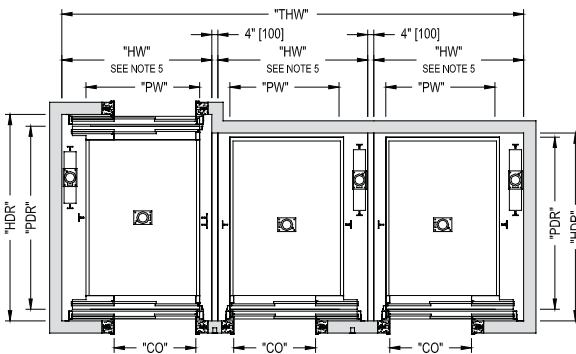
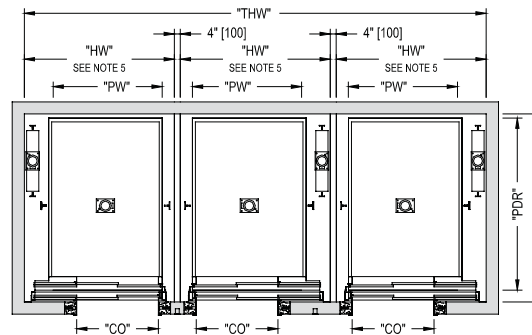
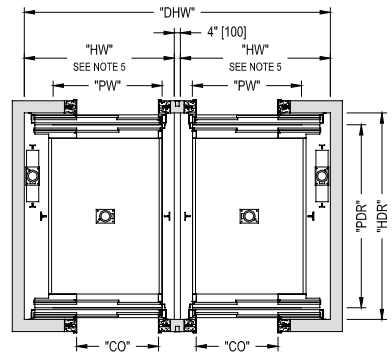
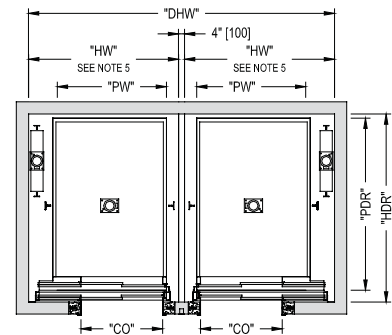
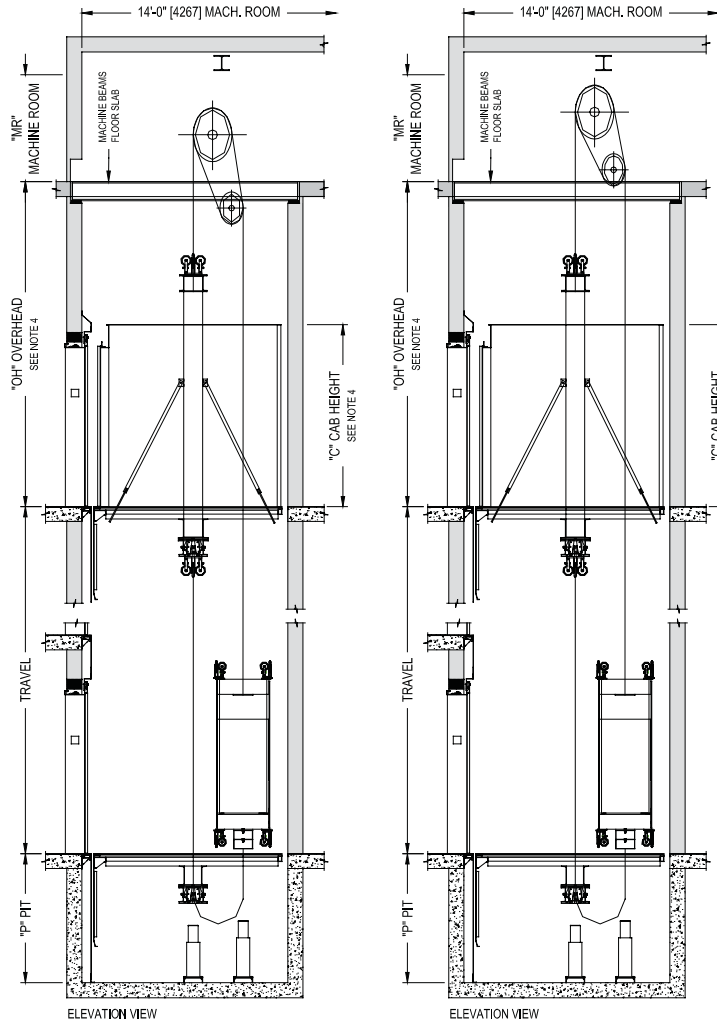
Capacity (lbs)[Kg]	FRONT OPENING & FRONT/REAR OPENING					
	4000	1800	4500	2000	5000	2250
<b>Speed (fpm)[m/s]</b>	700 to 1200	3,5 to 6,1	700 to 1200	3,5 to 6,1	700 to 1200	3,5 to 6,1
<b>Elevator Dim. (in)[mm]</b>						
<b>PW</b>	5'-8"	1730	6'-0"	1830	6'-3"	1905
<b>PD</b>	8'-10 1/2"	2705	8'-10 1/2"	2705	9'-5 1/2"	2885
<b>PDR</b>	9'-5 3/4"	2890	9'-5 3/4"	2890	10'-3/4"	3070
<b>CO</b>	4'-0"	1220	4'-0"	1220	4'-6"	1370
<b>Type Entrance (Doors)</b>	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed
<b>Hoistway Dim. (in)[mm]</b>						
<b>HW<sup>5</sup></b>	8'-0"	2440	8'-4"	2540	8'-7"	2615
<b>DHW<sup>6</sup></b>	16'-4"	4980	17'-0"	5180	17'-6"	5335
<b>THW<sup>6</sup></b>	24'-8"	7520	25'-8"	7825	26'-5"	8050
<b>HD<sup>5</sup></b>	9'-9"	2970	9'-9"	2970	10'-4"	3150
<b>HDR<sup>5</sup></b>	10'-9 1/4"	3285	10'-9 1/4"	3285	11'-4 1/4"	3460
<b>M. R. Height (in)[mm]</b>						
(Deflector Sheave in OH)	7'-6"	2285	7'-6"	2285	7'-6"	2285
(Deflector Sheave in MR)	8'-6"	2590	8'-6"	2590	8'-6"	2590
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in MR)						
<sup>8</sup> 700 [3,5]	22'-0"	6710	22'-0"	6710	22'-0"	6710
<sup>8</sup> 800 [4,0]	22'-6"	6860	22'-6"	6860	22'-6"	6860
<sup>7</sup> 1000 [5,0]	26'-0"	7925	26'-0"	7925	26'-0"	7925
<sup>7</sup> 1200 [6,0]	27'-6"	8380	27'-6"	8380	27'-6"	8380
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>						
(Deflector Sheave in OH)						
<sup>8</sup> 700 [3,5]	24'-0"	7315	24'-0"	7315	24'-0"	7315
<sup>8</sup> 800 [4,0]	24'-6"	7470	24'-6"	7470	24'-6"	7470
<sup>7</sup> 1000 [5,0]	28'-0"	8535	28'-0"	8535	28'-0"	8535
<sup>7</sup> 1200 [6,0]	29'-6"	8995	29'-6"	8995	29'-6"	8995
<b>Max. Travel (fpm)[m/s]</b>						
<sup>8</sup> 700 [3,5]	500'-0"	152400	500'-0"	152400	500'-0"	152400
<sup>8</sup> 800 [4,0]	520'-0"	158500	520'-0"	158500	520'-0"	158500
<sup>7</sup> 1000 [5,0]	620'-0"	188980	620'-0"	188980	620'-0"	188980
<sup>7</sup> 1200 [6,0]	750'-0"	228600	750'-0"	228600	750'-0"	228600
For Higher Travel, Please Contact Us						
<b>Pit Depth P (fpm)[m/s]</b>						
<sup>8</sup> 700 [3,5]	12'-0"	3660	12'-0"	3660	12'-0"	3660
<sup>8</sup> 800 [4,0]	12'-0"	3660	12'-0"	3660	12'-0"	3660
<sup>7</sup> 1000 [5,0]	16'-0"	4980	16'-0"	4980	16'-0"	4980
<sup>7</sup> 1200 [6,0]	19'-0"	5790	19'-0"	5790	19'-0"	5790
<b>NOTE :</b> For seismic conditions zone 2 or greater add to dimension (in)[mm]						
<b>HW</b>	4"	100	4"	100	4"	100
<b>HD</b>	1"	25	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75	3"	75

**Notes :**

4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9.5" [240] to the hoistway size of counterweight location.
6. For duplex or triplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. 1:1 Roping Factor with Gearless machine
8. 2:1 Roping factor with Geared machine
9. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes

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# GT VisionLift Traction™ Gearless "overhead" service elevators



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# GT VisionLift Traction™ Geared "basement" passenger elevators

Capacity (lbs)[Kg]	FRONT OPENING & FRONT/REAR OPENING									
	2100	950	2500	1150	3000	1350	3500	1600	4000	1800
<b>Speed (fpm)[m/s]</b>	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5
<b>Elevator Dim. (in)[mm]</b>										
<b>PW</b>	6'-0"	1830	7'-0"	2135	7'-0"	2135	7'-0"	2135	8'-0"	2440
<b>PD</b>	5'-1"	1550	5'-1"	1550	5'-7"	1700	6'-3"	1905	6'-3"	1905
<b>PDR</b>	5'-6 3/4"	1695	5'-6 3/4"	1695	6'-0 3/4"	1850	6'-8 3/4"	2050	6'-8 3/4"	2050
<b>CO</b>	3'-0"	915	3'-6"	1070	3'-6"	1070	3'-6"	1070	4'-0"	1220
<b>Type Entrance (Doors)</b>	1 Speed <sup>c</sup> or CO <sup>1,2</sup>	1 Speed <sup>c</sup> or CO <sup>1,2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>3</sup>	1 Speed or CO <sup>3</sup>	CO <sup>3</sup>	CO <sup>3</sup>
<b>Hoistway Dim. (in)[mm]</b>										
<b>HW</b>	7'-4"	2235	8'-4"	2540	8'-4"	2540	8'-4"	2540	9'-4"	2845
<b>HWR<sup>5</sup></b>	8'-5"	2565	9'-5"	2870	9'-5"	2870	9'-5"	2870	10'-5"	3175
<b>DHW<sup>5</sup></b>	15'-0"	4570	17'-0"	5180	17'-0"	5180	17'-0"	5180	19'-0"	5790
<b>DHWR<sup>5</sup></b>	17'-2"	5230	19'-2"	5840	19'-2"	5840	19'-2"	5840	21'-2"	6465
<b>HD<sup>5</sup></b>	7'-0"	2135	7'-0"	2135	7'-6"	2285	8'-2"	2490	8'-2"	2490
<b>HDR</b>	6'-7 1/4"	2015	6'-7 1/4"	2015	7'-1 1/4"	2165	7'-9 1/4"	2370	7'-9 1/4"	2370
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>										
150 - 200 [0,75 - 1,0]	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335
250 - 350 [1,25 - 1,75]	18'-4"	5590	18'-4"	5590	18'-4"	5590	18'-4"	5590	18'-4"	5590
400 [2,0]	18'-9"	5715	18'-9"	5715	18'-9"	5715	18'-9"	5715	18'-9"	5715
450 [2,25]	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095
500 [2,5]	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095
<b>Max. Travel (fpm)[m/s]</b>										
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160
For Higher Travel, Please Contact Us										
<b>Pit Depth P (fpm)[m/s]</b>										
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980
<b>NOTE : For seismic conditions zone 2 and greater add to dimension (in)[mm]</b>										
<b>HW</b>	4"	100	4"	100	4"	100	4"	100	4"	100
<b>HD</b>	1"	25	1"	25	1"	25	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75	3"	75	3"	75	3"	75

## Notes :

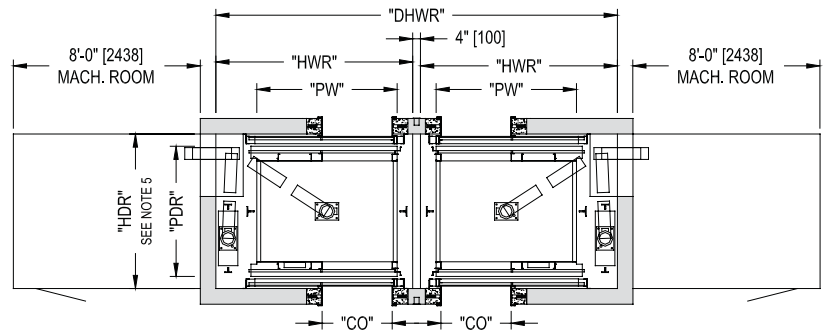
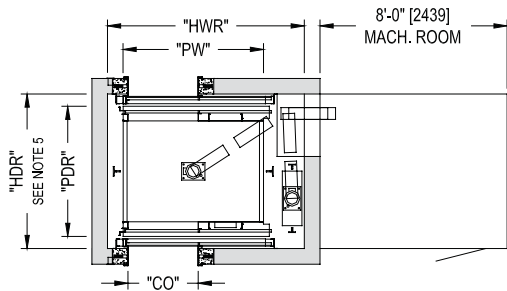
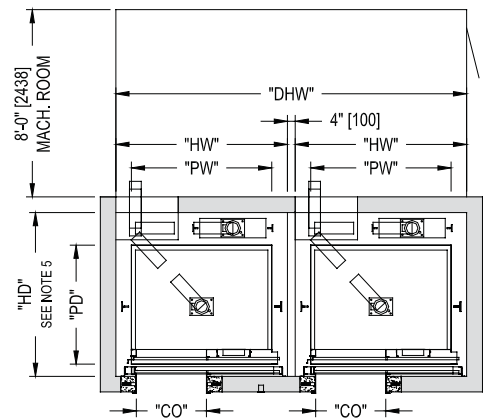
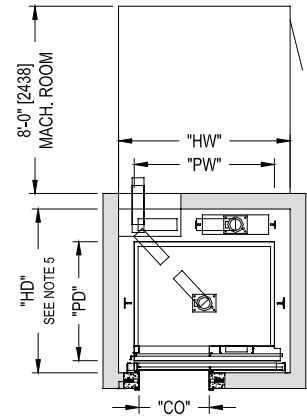
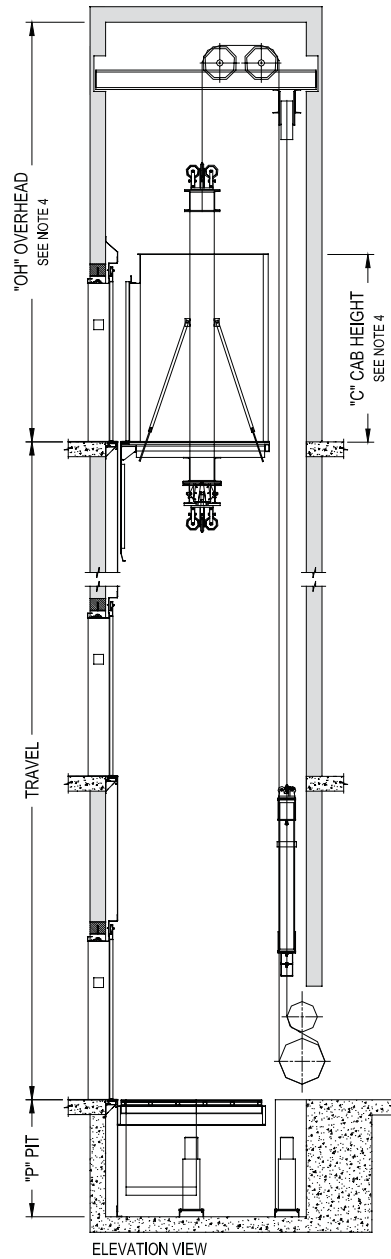
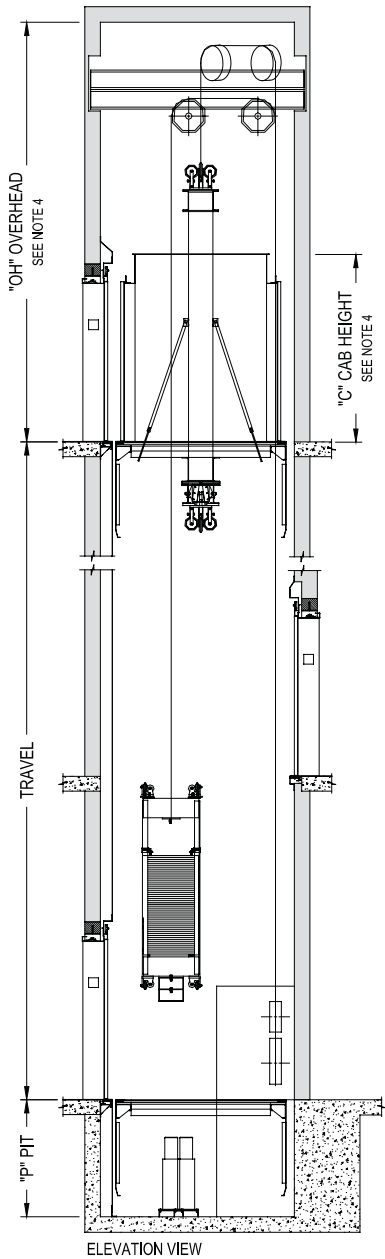
1. Denotes non-compliance with ADA
2. Will not accommodate ambulatory requirements
3. Only in Alberta province will not accommodate ambulatory requirements
4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. Dimensional data in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

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# GT VisionLift Traction™

Geared "basement" passenger elevators



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# GT VisionLift Traction™

Geared "basement" service elevators

	FRONT OPENING & FRONT/REAR OPENING			
Capacity (lbs)[Kg]	4000	1800	4500	2000
Speed (fpm)[m/s]	150 to 500	0,75 2,5	150 to 500	0,75 2,5
<b>Elevator Dim. (in)[mm]</b>				
<b>PW</b>	5'-8"	1730	6'-0"	1830
<b>PD</b>	8'-10 1/2"	2705	8'-10 1/2"	2705
<b>PDR</b>	9'-5 3/4"	2890	9'-5 3/4"	2890
<b>CO</b>	4'-0"	1220	4'-0"	1220
<b>Type Entrance (Doors)</b>	2 Speed	2 Speed	2 Speed	2 Speed
<b>Hoistway Dim. (in)[mm]</b>				
<b>HW</b> <sup>5</sup>	8'-1"	2465	8'-5"	2565
<b>DHW</b> <sup>5</sup>	16'-6"	5030	17'-2"	5230
<b>HD</b>	9'-9"	2970	9'-9"	2970
<b>HDR</b>	10'-9 1/4"	3285	10'-9 1/4"	3285
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>				
150 - 200 [0,75 - 1,0]	17'-6"	5335	17'-6"	5335
250 - 350 [1,25 - 1,75]	18'-4"	5590	18'-4"	5590
400 [2,0]	18'-9"	5715	18'-9"	5715
450 [2,25]	20'-0"	6095	20'-0"	6095
500 [2,5]	20'-0"	6095	20'-0"	6095
<b>Max. Travel (fpm)[m/s]</b>				
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160
For Higher Travel, Please Contact Us				
<b>Pit Depth (ft)[mm]</b>				
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980

**NOTE :** For seismic conditions zone 2 and greater add to dimension (in)[mm]

<b>HW</b>	4"	100	4"	100
<b>HD</b>	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75

**Notes :**

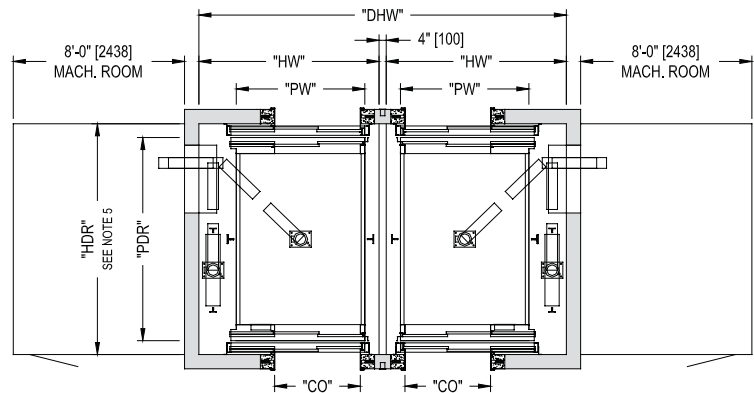
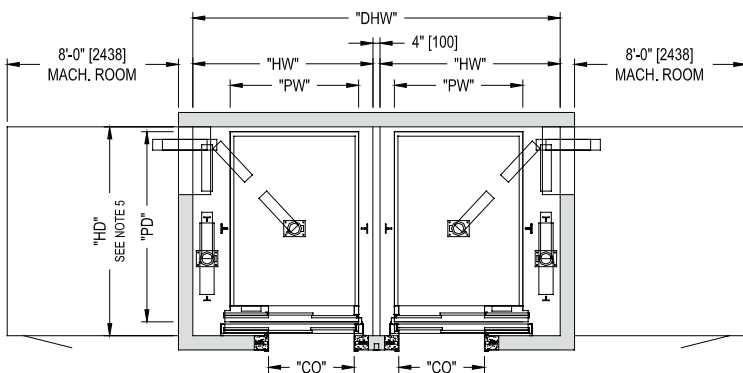
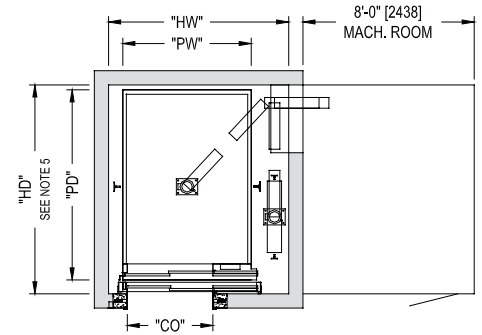
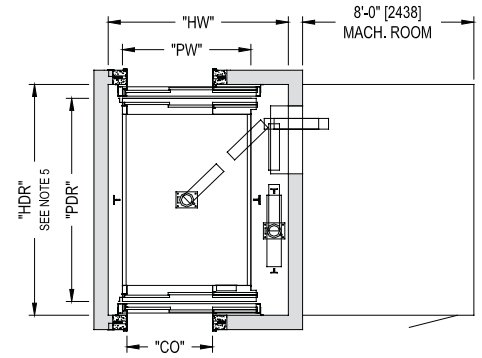
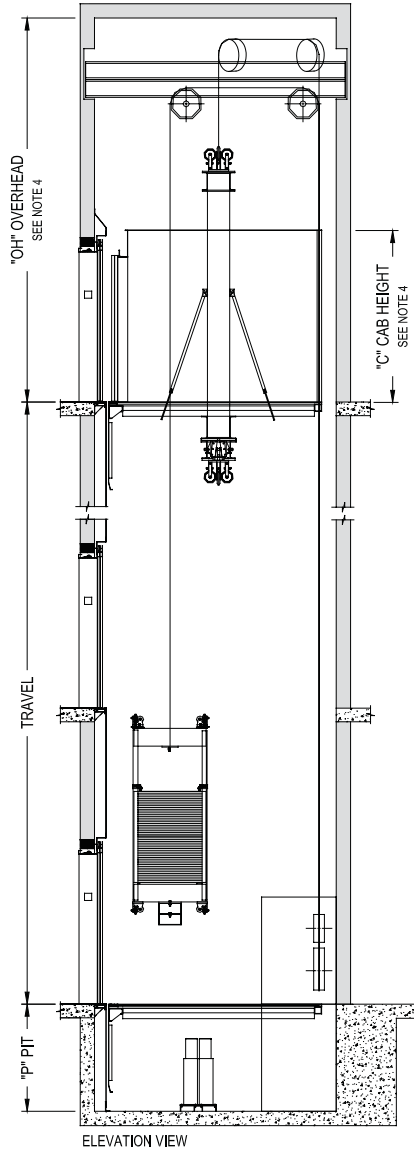
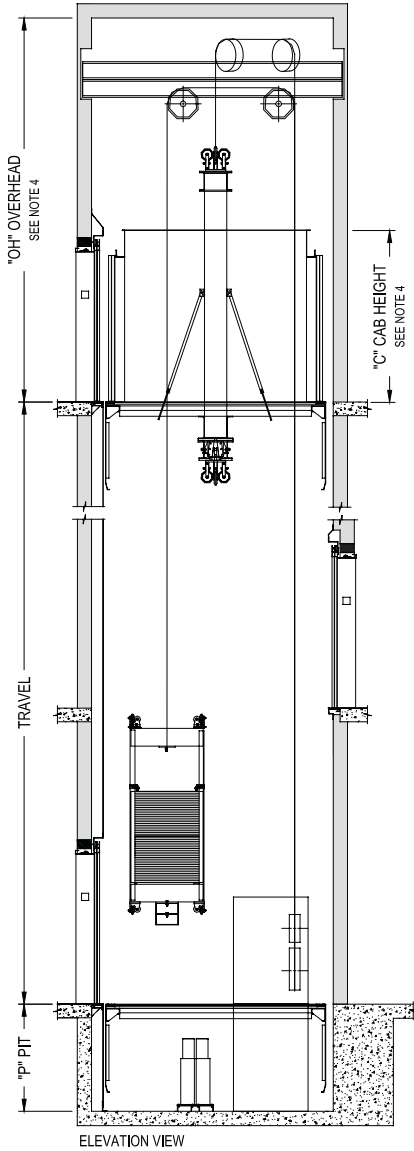
4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. For duplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

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# GT VisionLift Traction™

Geared "basement" service elevators



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# GT VisionLift Traction™ Geared "sidemount" passenger elevators

Capacity (lbs)[Kg]	FRONT OPENING & FRONT/REAR OPENING									
	2100	950	2500	1150	3000	1350	3500	1600	4000	1800
<b>Speed (fpm)[m/s]</b>	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 450	0,75 to 2,25
<b>Elevator Dim. (in)[mm]</b>										
<b>PW</b>	6'-0"	1830	7'-0"	2135	7'-0"	2135	7'-0"	2135	8'-0"	2440
<b>PD</b>	5'-1"	1550	5'-1"	1550	5'-7"	1700	6'-3"	1905	6'-3"	1905
<b>PDR</b>	5'-6 3/4"	1695	5'-6 3/4"	1695	6'-0 3/4"	1850	6'-8 3/4"	2050	6'-8 3/4"	2050
<b>CO</b>	3'-0"	915	3'-6"	1070	3'-6"	1070	3'-6"	1070	4'-0"	1220
<b>Type Entrance (Doors)</b>	1 Speed <sup>2</sup> or CO <sup>1,2</sup>	1 Speed <sup>2</sup> or CO <sup>1,2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>2</sup>	1 Speed or CO <sup>3</sup>	1 Speed or CO <sup>3</sup>	CO <sup>3</sup>	CO <sup>3</sup>
<b>Hoistway Dim. (in)[mm]</b>										
<b>HW<sup>5</sup></b>	7'-4"	2235	8'-4"	2540	8'-4"	2540	8'-4"	2540	9'-4"	2845
<b>HWR<sup>5</sup></b>	8'-3"	2515	9'-3"	2820	9'-3"	2820	9'-3"	2820	10'-3"	3125
<b>DHW<sup>5</sup></b>	15'-0"	4570	17'-0"	5180	17'-0"	5180	17'-0"	5180	19'-0"	5790
<b>DHWR<sup>5</sup></b>	16'-8"	5130	18'-8"	5740	18'-8"	5740	18'-8"	5740	20'-8"	6350
<b>HD<sup>5</sup></b>	6'-7 1/4"	2015	6'-7 1/4"	2015	7'-1 1/4"	2165	7'-9 1/4"	2370	7'-9 1/4"	2370
<b>Min. OH (fpm)[m/s]<sup>4</sup></b>										
150 - 200 [0,75 - 1,0]	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335	17'-6"	5335
250 - 350 [1,25 - 1,75]	18'-4"	5590	18'-4"	5590	18'-4"	5590	18'-4"	5590	18'-4"	5590
400 [2,0]	18'-9"	5715	18'-9"	5715	18'-9"	5715	18'-9"	5715	18'-9"	5715
450 [2,25]	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095
500 [2,5]	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095	20'-0"	6095
<b>Max. Travel (fpm)[m/s]</b>										
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160	450'-0"	137160
For Higher Travel, Please Contact Us										
<b>Pit Depth P (fpm)[m/s]</b>										
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980	6'-6"	1980
<b>NOTE :</b> For seismic conditions zone 2 and greater add to dimension (in)[mm]										
<b>HW</b>	4"	100	4"	100	4"	100	4"	100	4"	100
<b>HD</b>	1"	25	1"	25	1"	25	1"	25	1"	25
<b>HWR</b>	3"	75	3"	75	3"	75	3"	75	3"	75

## Notes :

1. Denotes non-compliance with ADA
2. Will not accommodate ambulatory requirements
3. Only in Alberta province will not accommodate ambulatory requirements
4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9.5" [240] to the hoistway size of counterweight location.
6. Machine room size to be 12'-00" [3660] deep by, at least, the width of the required hoistway
7. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

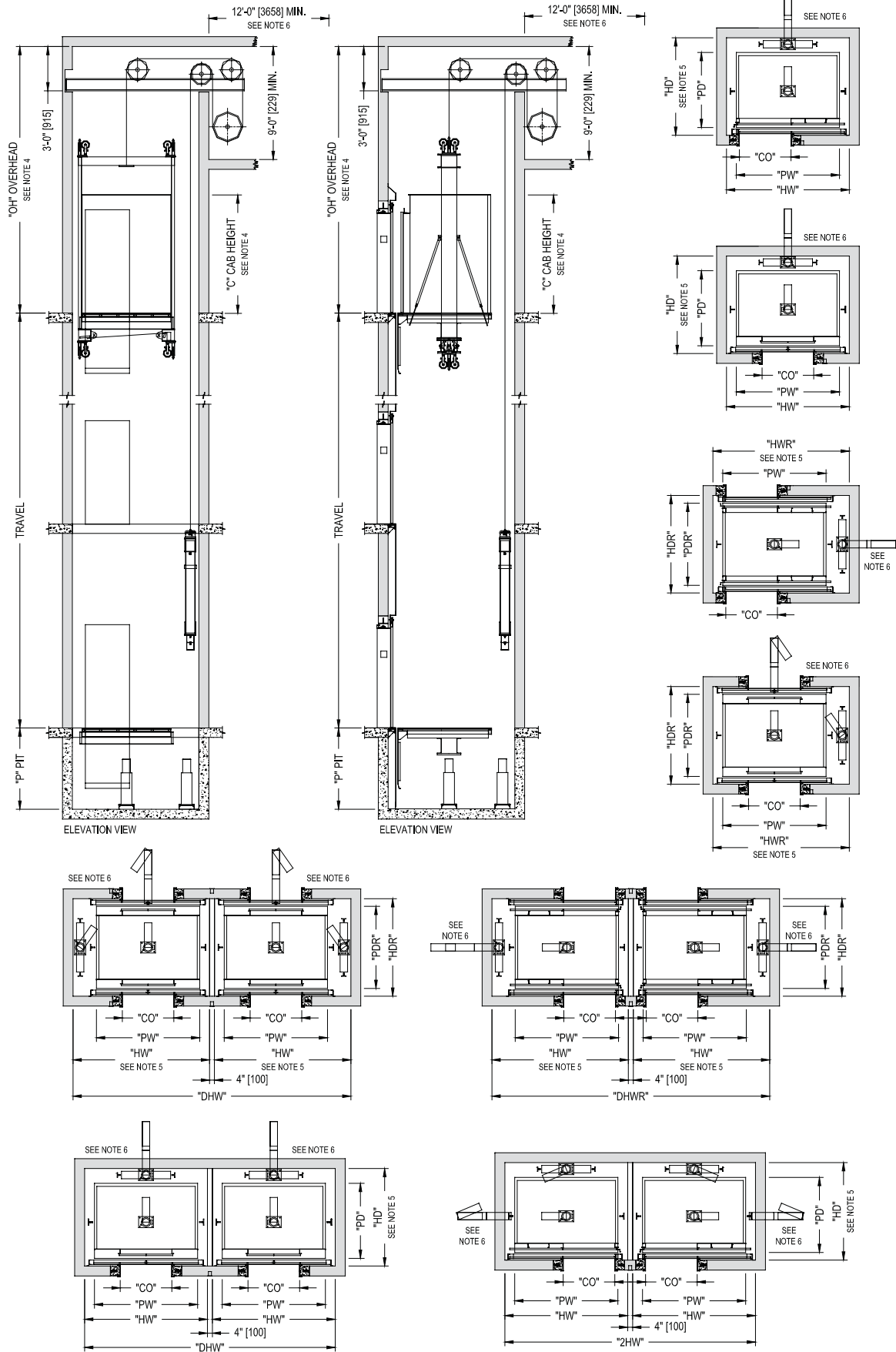
For more information or other requirements, contact us

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# GT VisionLift Traction™

Geared "sidemount" passenger elevators



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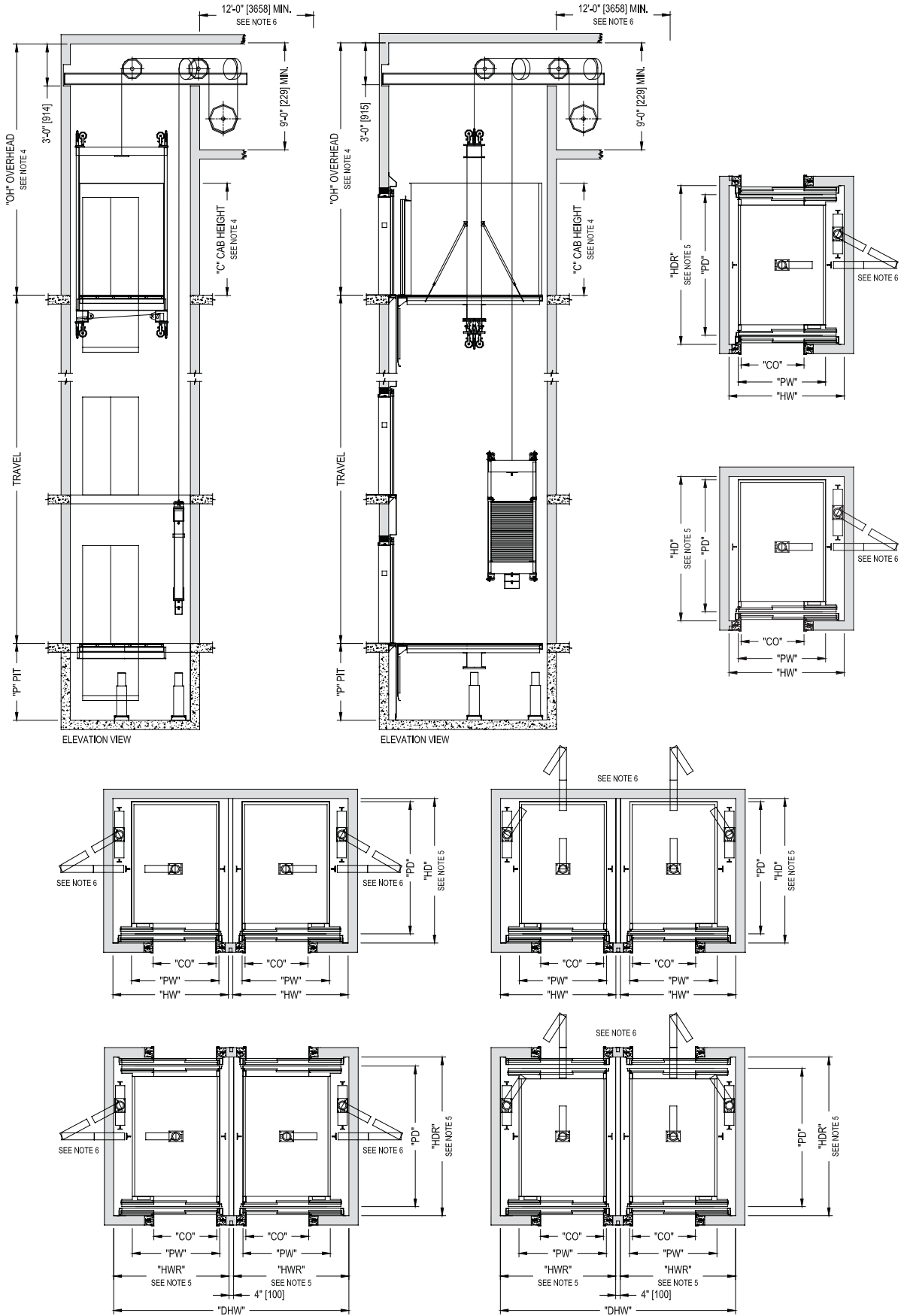
	FRONT OPENING & FRONT/REAR OPENING					
Capacity (lbs)[Kg]	4000	1800	4500	2000	5000	2250
Speed (fpm)[m/s]	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5	150 to 500	0,75 to 2,5
Elevator Dim. (in)[mm]						
PW	5'-8"	1730	6'-0"	1830	6'-3"	1905
PD	8'-10 1/2"	2705	8'-10 1/2"	2705	9'-5 1/2"	2885
PDR	9'-5 3/4"	2890	9'-5 3/4"	2890	10' 3/4"	3070
CO	4'-0"	1220	4'-0"	1220	4'-6"	1370
Type Entrance (Doors)	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed	2 Speed
Hoistway Dim. (in)[mm]						
HW <sup>5</sup>	7'-8"	2340	8'-0"	2340	8'-3"	2515
DHW <sup>5</sup>	15'-8"	4775	16'-4"	4980	16'-10"	5130
HD <sup>5</sup>	9'-9"	2970	9'-9"	2970	10'-4"	3150
HDR <sup>5</sup>	10'-9 1/2"	3290	10'-9 1/2"	3290	11'-4 1/4"	3460
Min. OH (fpm)[m/s] <sup>4</sup>						
150 - 200 [0,75 - 1,0]	17'-6"	5335	17'-6"	5335	17'-6"	5335
250 - 350 [1,25 - 1,75]	18'-4"	5590	18'-4"	5590	18'-4"	5590
400 [2,0]	18'-9"	5715	18'-9"	5715	18'-9"	5715
450 [2,25]	20'-0"	6095	20'-0"	6095	20'-0"	6095
500 [2,5]	20'-0"	6095	20'-0"	6095	20'-0"	6095
Max. Travel (fpm)[m/s]						
150 - 200 [0,75 - 1,0]	150'-0"	45720	150'-0"	45720	150'-0"	45720
250 - 350 [1,25 - 1,75]	200'-0"	60960	200'-0"	60960	200'-0"	60960
400 [2,0]	350'-0"	106680	350'-0"	106680	350'-0"	106680
450 [2,25]	425'-0"	129540	425'-0"	129540	425'-0"	129540
500 [2,5]	450'-0"	137160	450'-0"	137160	450'-0"	137160
For Higher Travel, Please Contact Us						
Pit Depth P (fpm)[m/s]						
150 - 350 [0,75 - 1,75]	5'-6"	1675	5'-6"	1675	5'-6"	1675
400 [2,0]	6'-0"	1830	6'-0"	1830	6'-0"	1830
450 - 500 [2,25 - 2,50]	6'-6"	1980	6'-6"	1980	6'-6"	1980
<b>NOTE :</b> For seismic conditions zone 2 and greater add to dimension (in)[mm]						
HW	4"	100	4"	100	4"	100
HD	1"	25	1"	25	1"	25
HWR	3"	75	3"	75	3"	75

**Notes :**

4. Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
5. When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
6. For duplex with rear entrance, see drawing on next page to calculate hoistway needed.
7. Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

For more information or other requirements, contact us

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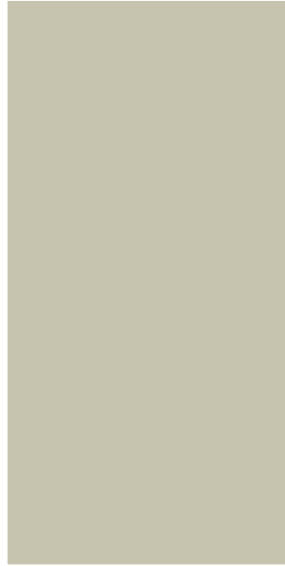


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# GT VisionLift Traction™



Any design, Any style , Any models... We will do it !!



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\* The GLOBAL-TARDIF Limited Warranty covers replacement of any defective parts for a period of two (2) years. Labour cost not included.  
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ver. December 2005

120 De Naples, Saint-Augustin-de-Desmaures, Québec, Canada, G3A 2Y2 - Toll free 1-800-661-6316 (Continental US & Canada only) - Phone: (418) 878-4116 Fax: (418) 878-1595, email: info@globaltardif.com