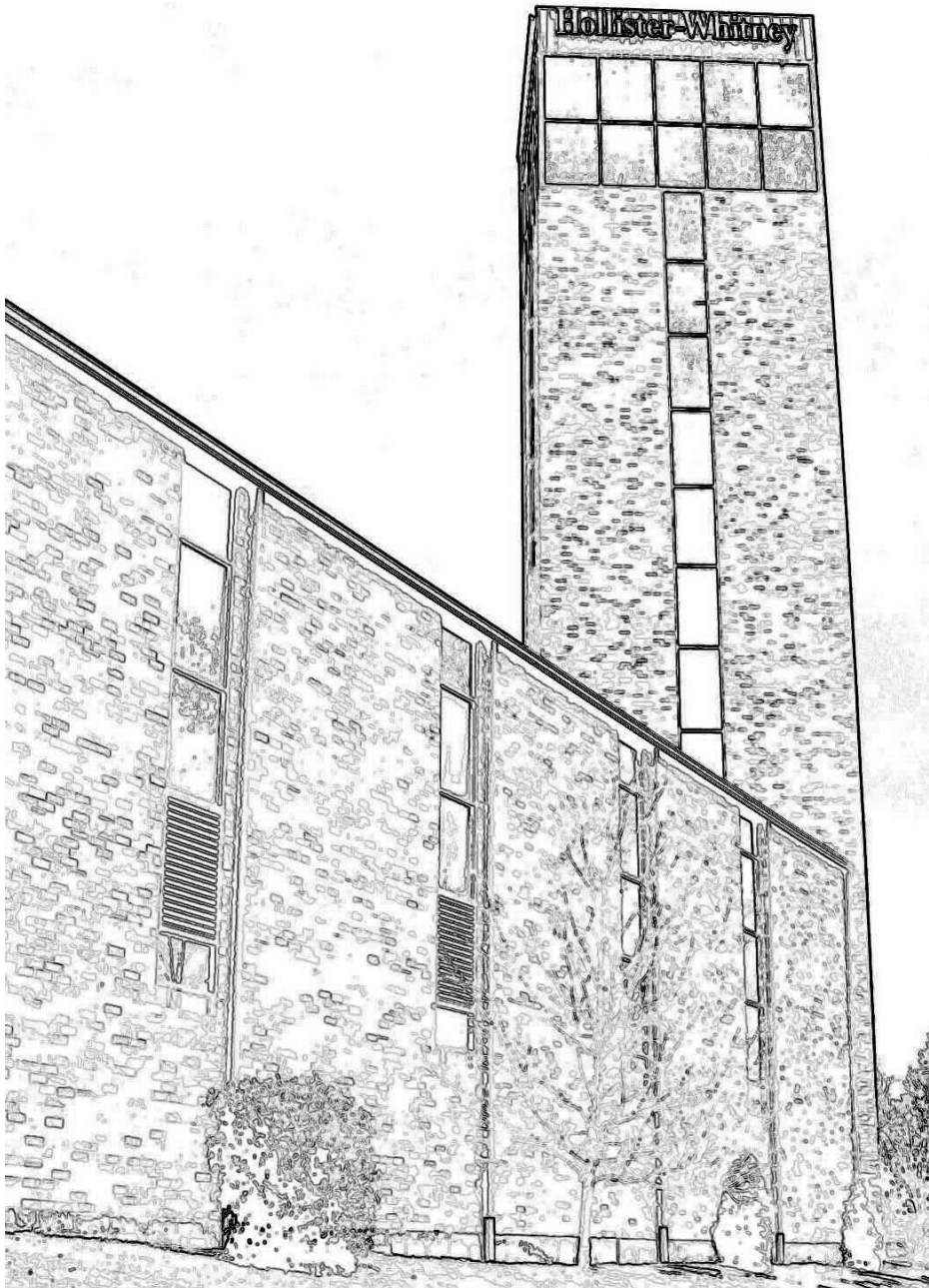




Hollister-Whitney
A **VANTAGE** Company

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OVERHEAD GEARED TRACTION DESIGN GUIDE





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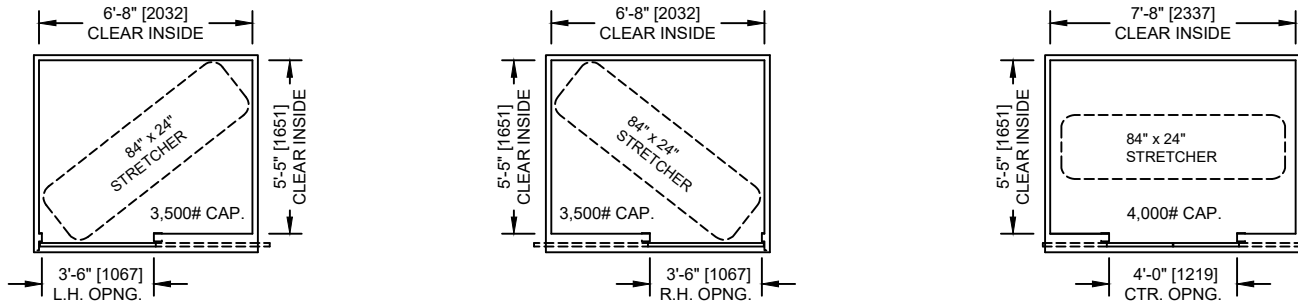
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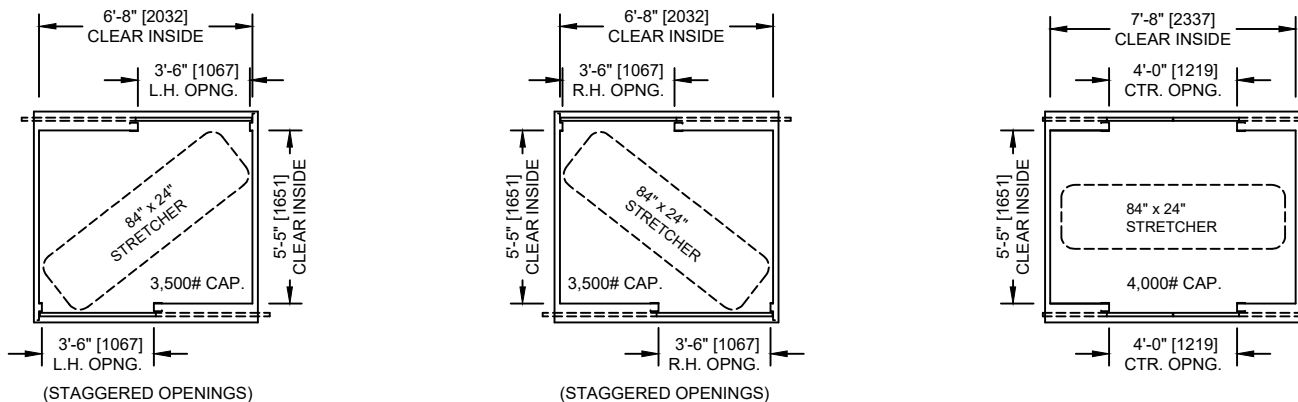
OVERHEAD GEARED TRACTION DESIGN GUIDE IBC Stretcher Access

STRETCHER REQUIREMENTS:

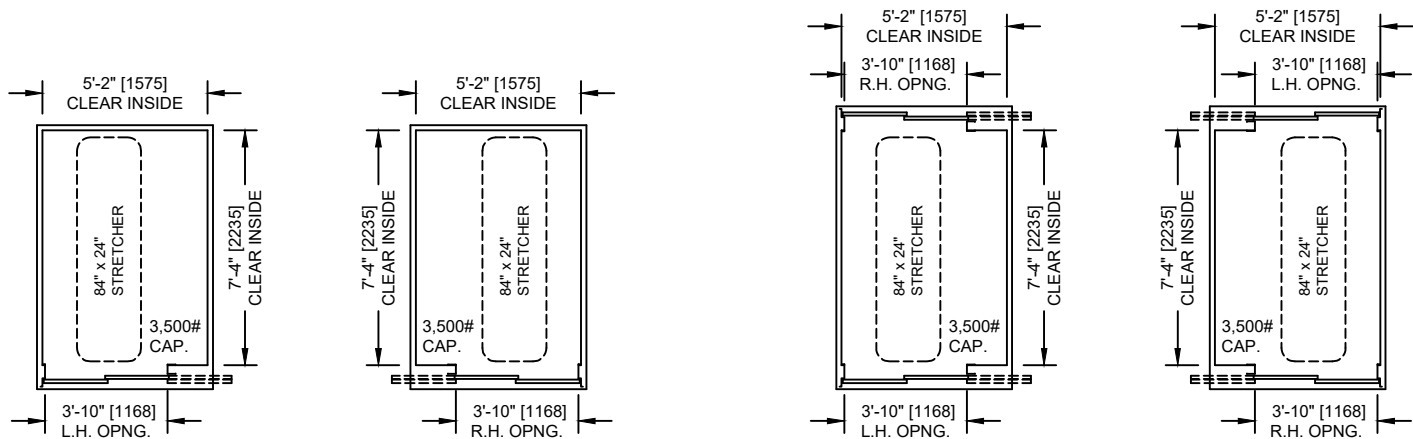
Section 3002.4 of the International Building Code (IBC) states that "where elevators in buildings four or more stories above, or four or more stories below grade plane, at least one elevator shall be provided for Fire Department emergency access to all floors". According to the IBC Code, the elevator should accommodate an open stretcher in the horizontal position 24 inches x 84 inches with not less than 5-inch radius corners. The following configurations and minimum dimensions comply with these IBC requirements:



PASSENGER ELEVATORS WITH FRONT OPENING DOOR



PASSENGER ELEVATORS WITH FRONT & REAR OPENING DOORS



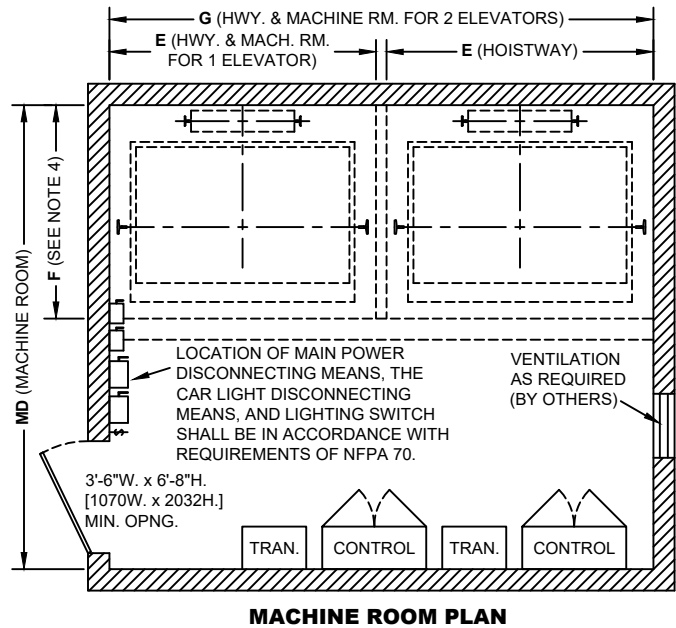
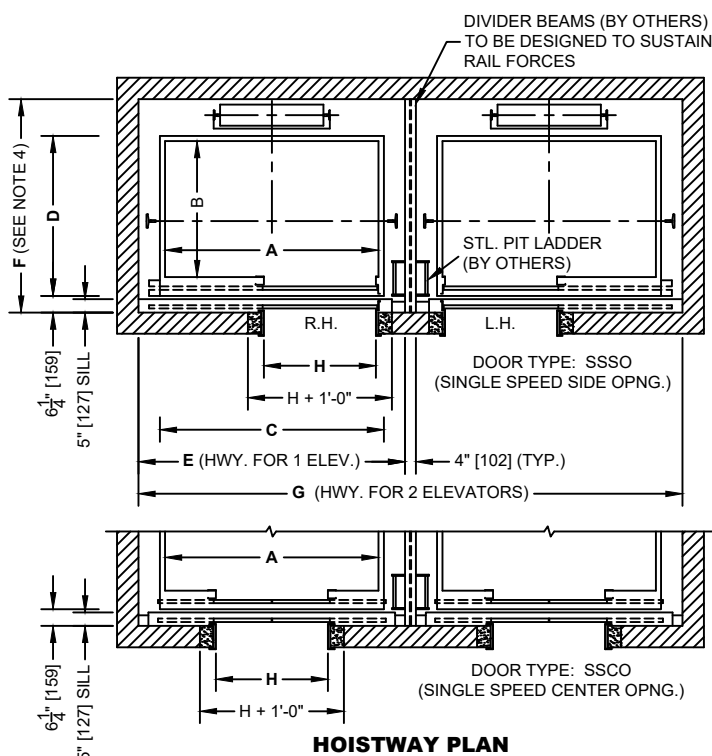
**HOSPITAL / SERVICE / TRAUMA ELEVATORS
WITH FRONT OPENING DOORS**

**HOSPITAL / SERVICE / TRAUMA ELEVATORS
WITH FRONT & REAR OPENING DOORS**



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Rear



NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 8" [203] to the hoistway and machine room depths listed.

HOISTWAY AND MACHINE ROOM DIMENSIONS

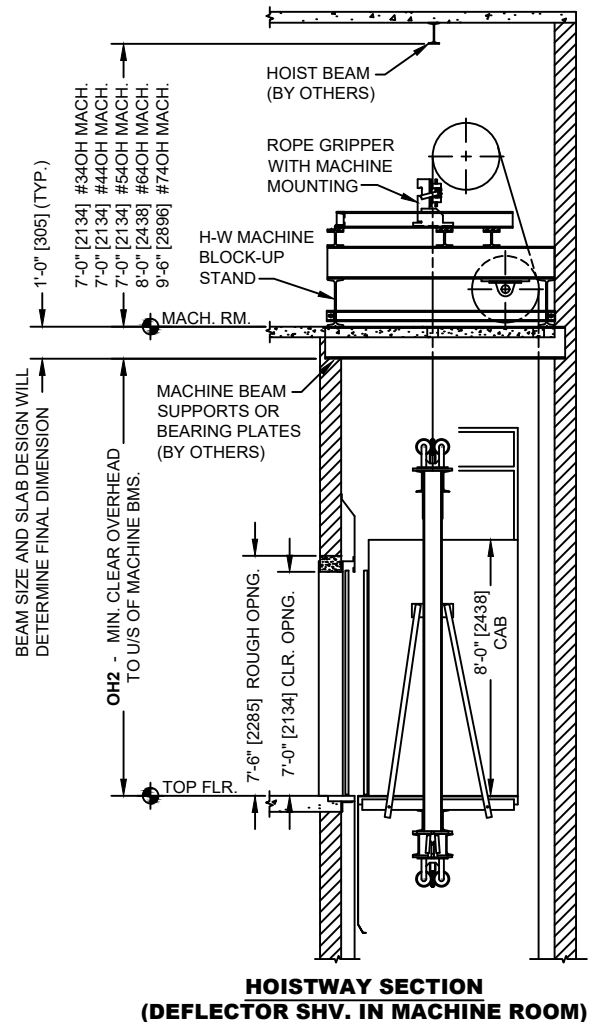
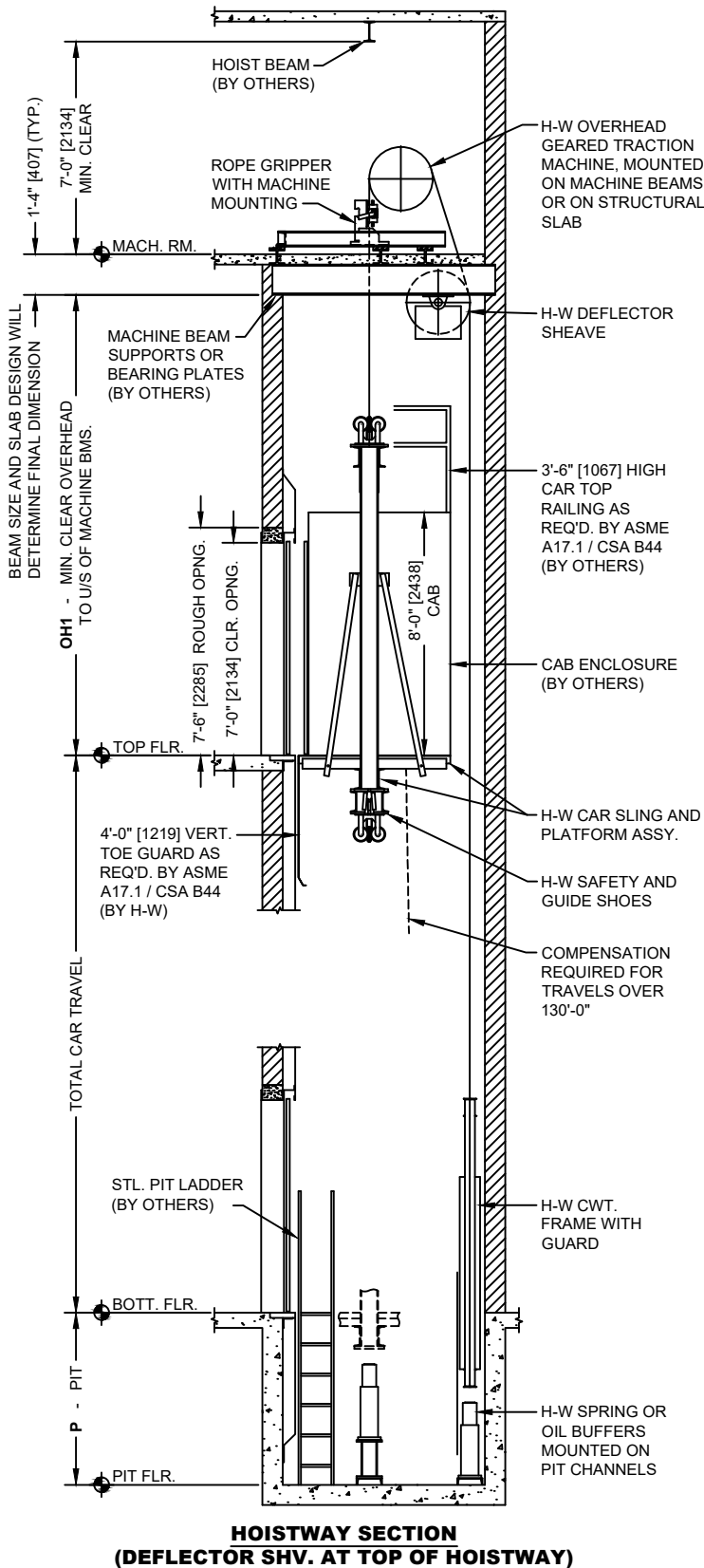
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
2,000 [900]	24.2 [2.25]	3'-0" [914]	SSSO (a)	5'-8" [1727]	4'-3" [1295]	6'-0" [1829]	5'-0" [1524]	7'-4" [2235]	6'-8" [2032]	15'-0" [4572]	7'-8" [2337]	6'-8" [2032]	15'-8" [4775]	14'-6" [4420]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-3" [1295]	7'-0" [2134]	5'-0" [1524]	8'-4" [2540]	6'-8" [2032]	17'-0" [5182]	8'-8" [2642]	6'-8" [2032]	17'-8" [5385]	14'-6" [4420]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-9" [1448]	7'-0" [2134]	5'-6" [1676]	8'-4" [2540]	7'-2" [2184]	17'-0" [5182]	8'-8" [2642]	7'-2" [2184]	17'-8" [5385]	15'-0" [4572]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	SSSO (c) SSCO (b)	6'-8" [2032]	5'-5" [1651]	7'-0" [2134]	6'-2" [1880]	8'-4" [2540]	7'-10" [2388]	17'-0" [5182]	8'-8" [2642]	7'-10" [2388]	17'-8" [5385]	15'-8" [4775]
4,000 [1815]	42.2 [3.92]	3'-6" [1067]	SSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	9'-4" [2845]	7'-10" [2388]	19'-0" [5791]	9'-8" [2946]	7'-10" [2388]	19'-8" [5994]	15'-8" [4775]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	SSCO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	9'-4" [2845]	7'-10" [2388]	19'-0" [5791]	9'-8" [2946]	7'-10" [2388]	19'-8" [5994]	15'-8" [4775]

- a. These car dimensions and entrance types provide wheelchair accessibility.
b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position.
c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Rear



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)**

PIT AND OVERHEAD DIMENSIONS

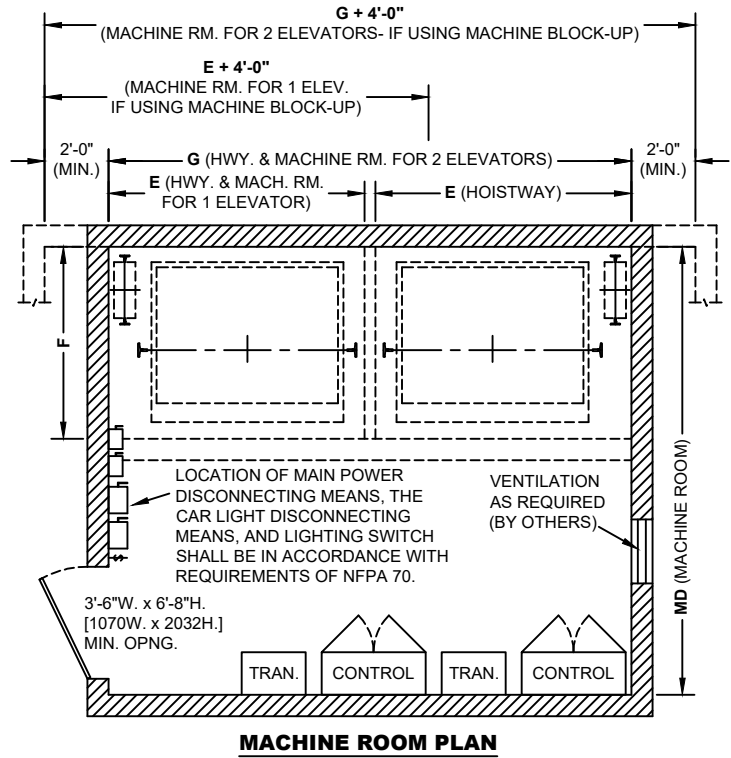
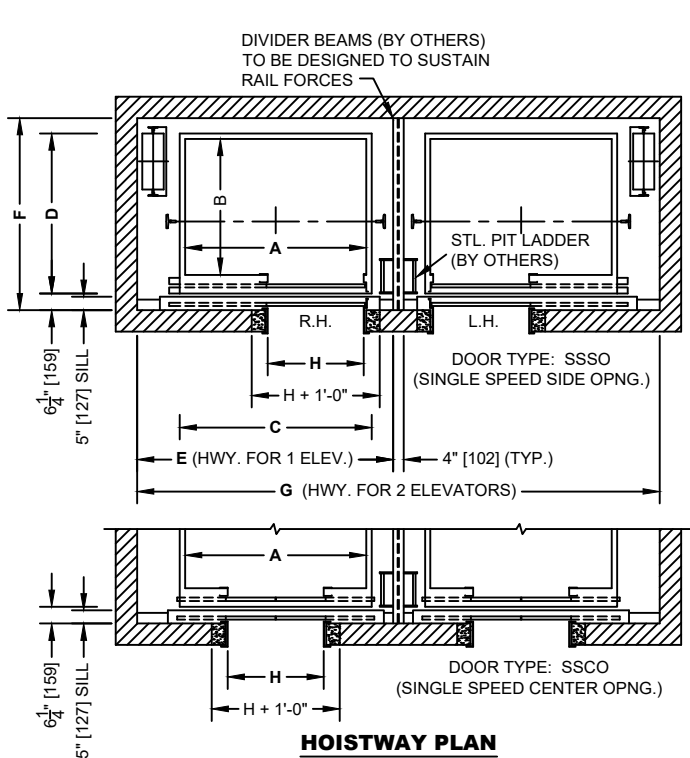
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-7" [4445]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-2" [4623]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-6" [4725]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-8" [2032]	16'-1" [4902]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-8" [2032]	16'-3" [4953]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Side



NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Note: This arrangement does not have adequate space to accommodate counterweight safeties. Therefore, "occupied space" below the pit is not permitted with this arrangement.

HOISTWAY AND MACHINE ROOM DIMENSIONS

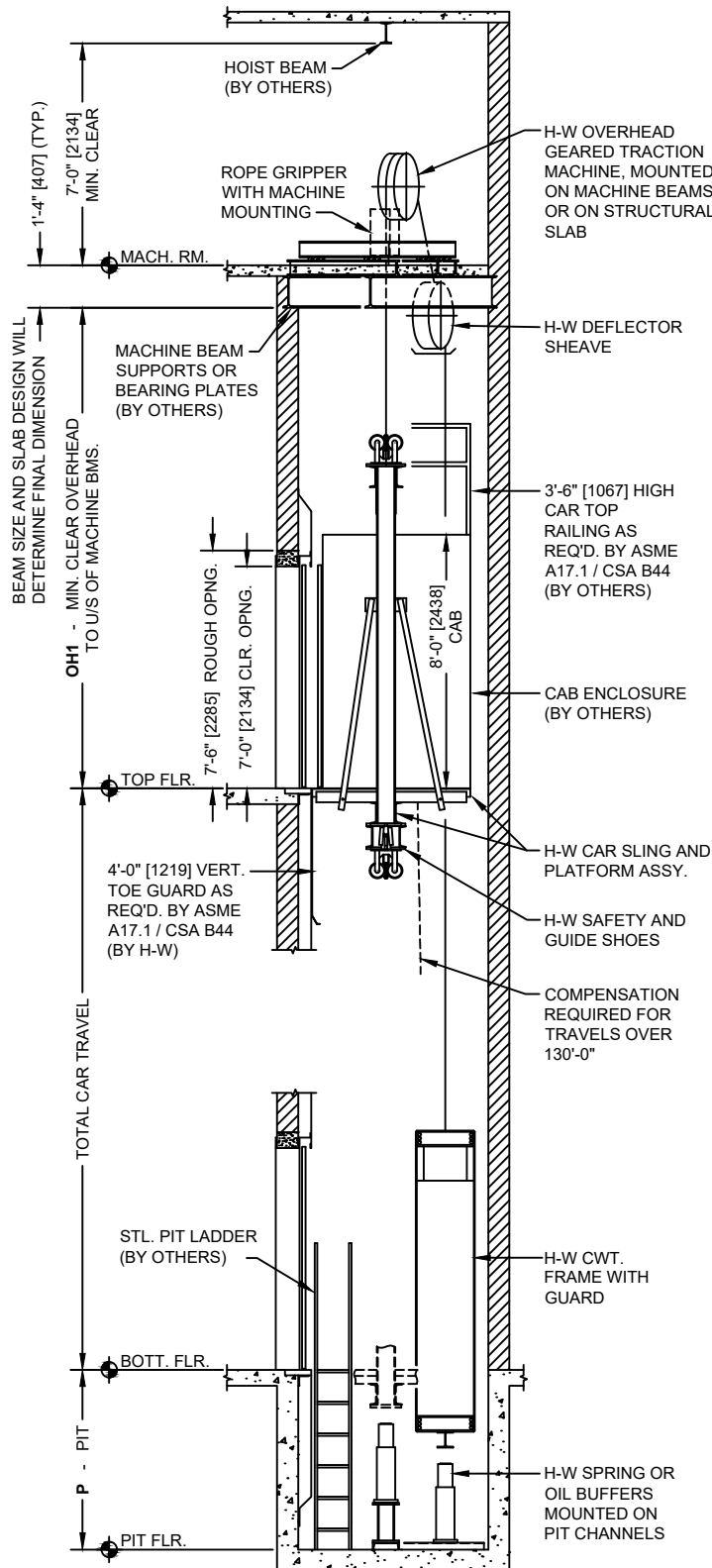
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
2,000 [900]	24.2 [2.25]	3'-0" [914]	SSSO (a)	5'-8" [1727]	4'-3" [1295]	6'-0" [1829]	5'-0" [1524]	8'-0" [2439]	6'-0" [1829]	16'-4" [4979]	8'-2" [2489]	6'-0" [1829]	16'-8" [5080]	14'-0" [4267]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-3" [1295]	7'-0" [2134]	5'-0" [1524]	9'-0" [2743]	6'-0" [1829]	18'-4" [5588]	9'-2" [2794]	6'-0" [1829]	18'-8" [5690]	14'-0" [4267]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-9" [1448]	7'-0" [2134]	5'-6" [1676]	9'-0" [2743]	6'-6" [1981]	18'-4" [5588]	9'-2" [2794]	6'-6" [1981]	18'-8" [5690]	14'-6" [4420]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	SSSO (c) SSCO (b)	6'-8" [2032]	5'-5" [1651]	7'-0" [2134]	6'-2" [1880]	9'-2" [2794]	7'-3" [2210]	18'-8" [5690]	9'-4" [2845]	7'-3" [2210]	19'-0" [5791]	15'-0" [4572]
4,000 [1815]	42.2 [3.92]	3'-6" [1067]	SSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	10'-4" [3150]	7'-3" [2210]	21'-0" [6401]	10'-6" [3200]	7'-3" [2210]	21'-4" [6502]	15'-0" [4572]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	SSCO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	10'-4" [3150]	7'-3" [2210]	21'-0" [6401]	10'-6" [3200]	7'-3" [2210]	21'-4" [6502]	15'-0" [4572]

- a. These car dimensions and entrance types provide wheelchair accessibility.
b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position.
c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.

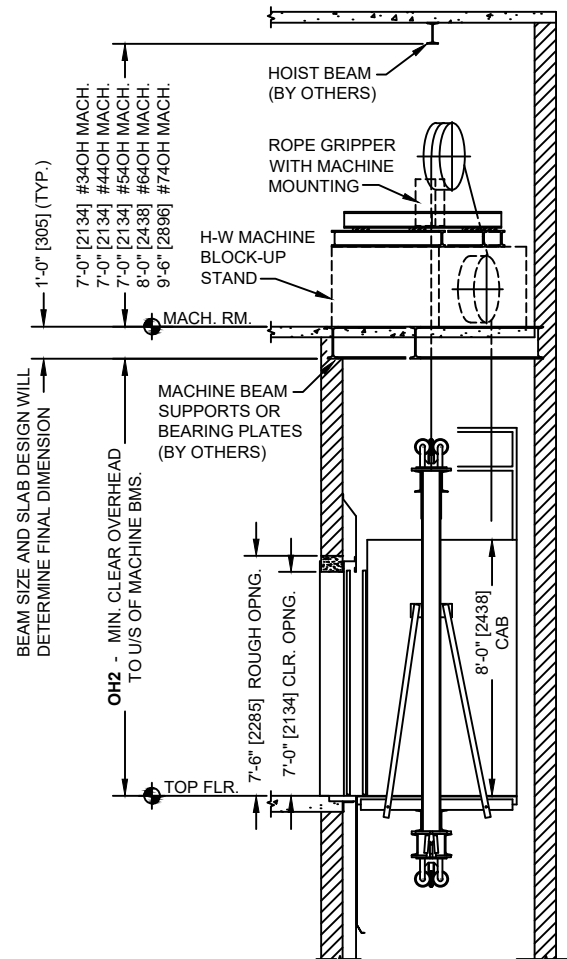


OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Side



HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)



HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)

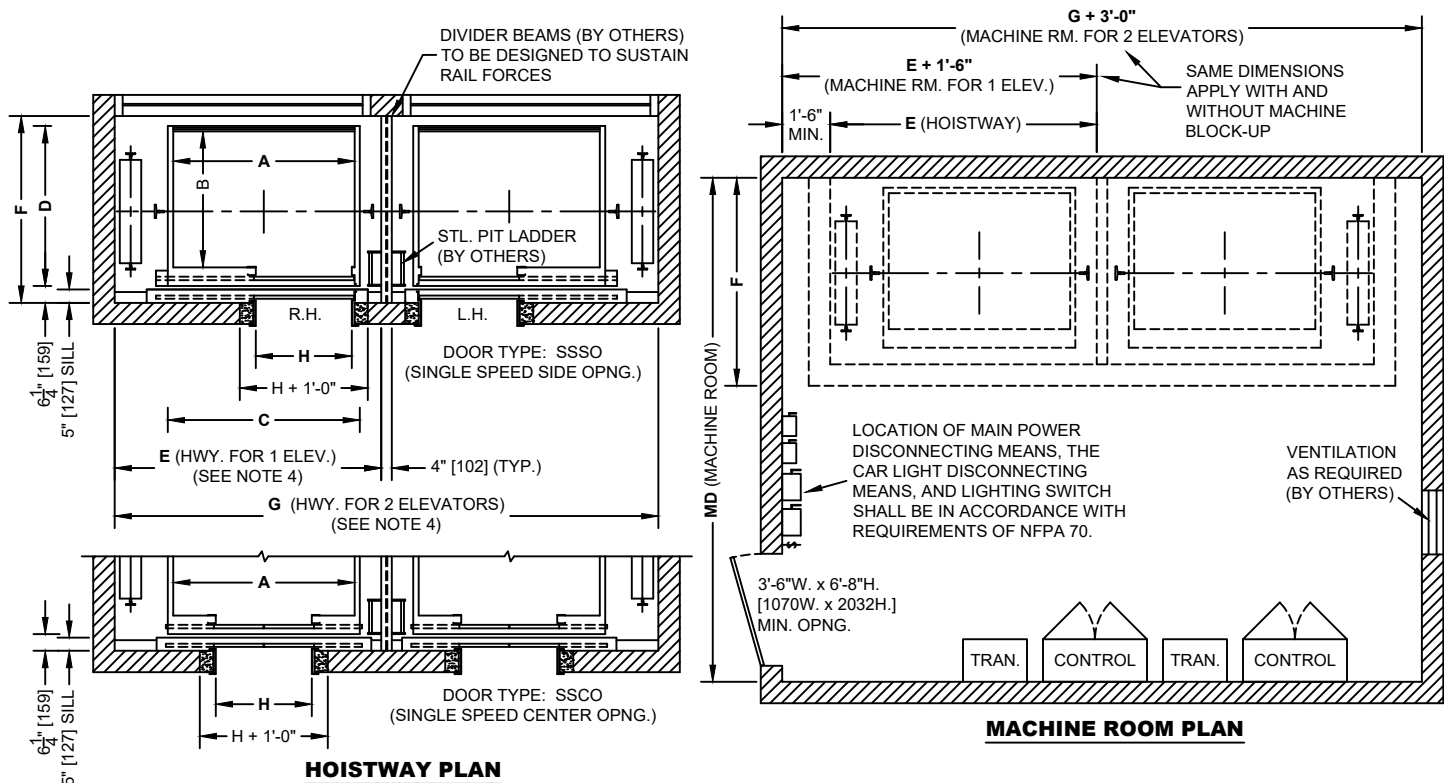
PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-7" [4445]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-2" [4623]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-6" [4725]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-8" [2032]	16'-1" [4902]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-8" [2032]	16'-3" [4953]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Side, Glass-Back Cab



NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 10" [254] to the hoistway and machine room widths listed for each elevator.

HOISTWAY AND MACHINE ROOM DIMENSIONS

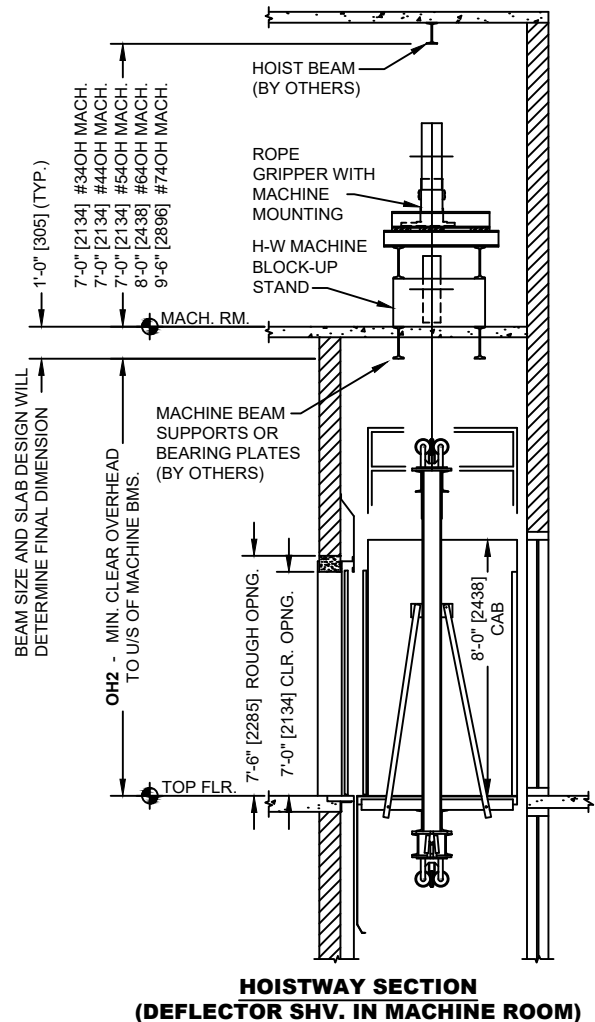
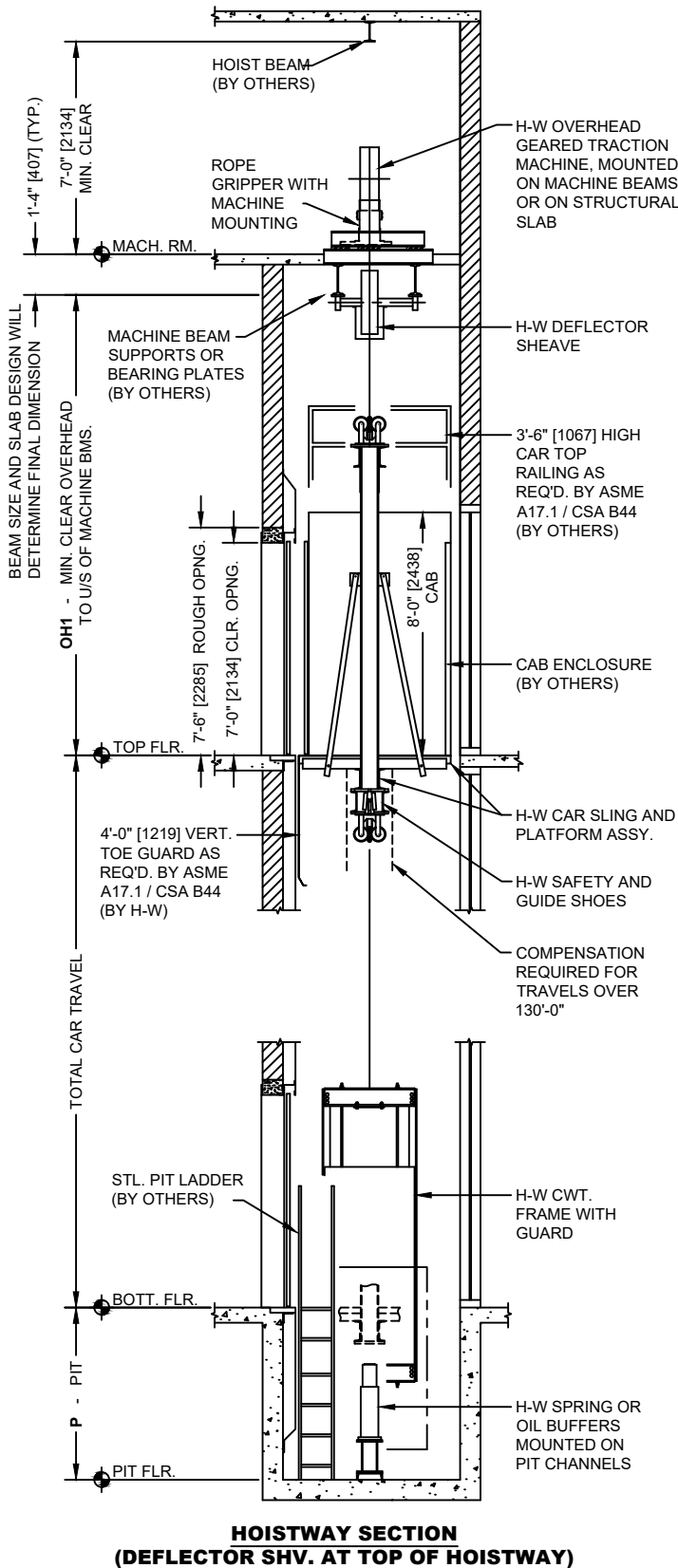
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
2,000 [900]	24.2 [2.25]	3'-0" [914]	SSSO (a)	5'-8" [1727]	4'-3" [1295]	6'-0" [1829]	5'-0" [1524]	8'-4" [2540]	5'-10" [1778]	17'-0" [5182]	8'-6" [2591]	5'-10" [1778]	17'-4" [5284]	14'-0" [4268]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-3" [1295]	7'-0" [2134]	5'-0" [1524]	9'-4" [2845]	5'-10" [1778]	19'-0" [5791]	9'-6" [2896]	5'-10" [1778]	19'-4" [5893]	14'-0" [4268]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-9" [1448]	7'-0" [2134]	5'-6" [1676]	9'-4" [2845]	6'-4" [1930]	19'-0" [5791]	9'-6" [2896]	6'-4" [1930]	19'-4" [5893]	14'-6" [4420]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	SSSO (c) SSCO (b)	6'-8" [2032]	5'-5" [1651]	7'-0" [2134]	6'-2" [1880]	9'-4" [2845]	7'-0" [2134]	19'-0" [5791]	9'-6" [2896]	7'-0" [2134]	19'-4" [5893]	15'-2" [4623]
4,000 [1815]	42.2 [3.92]	3'-6" [1067]	SSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	10'-4" [3150]	7'-0" [2134]	21'-0" [6401]	10'-6" [3201]	7'-0" [2134]	21'-4" [6503]	15'-2" [4623]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	SSCO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-2" [1880]	10'-4" [3150]	7'-0" [2134]	21'-0" [6401]	10'-6" [3201]	7'-0" [2134]	21'-4" [6503]	15'-2" [4623]

- a. These car dimensions and entrance types provide wheelchair accessibility.
- b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position.
- c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front Opening, CWT at Side, Glass-Back Cab



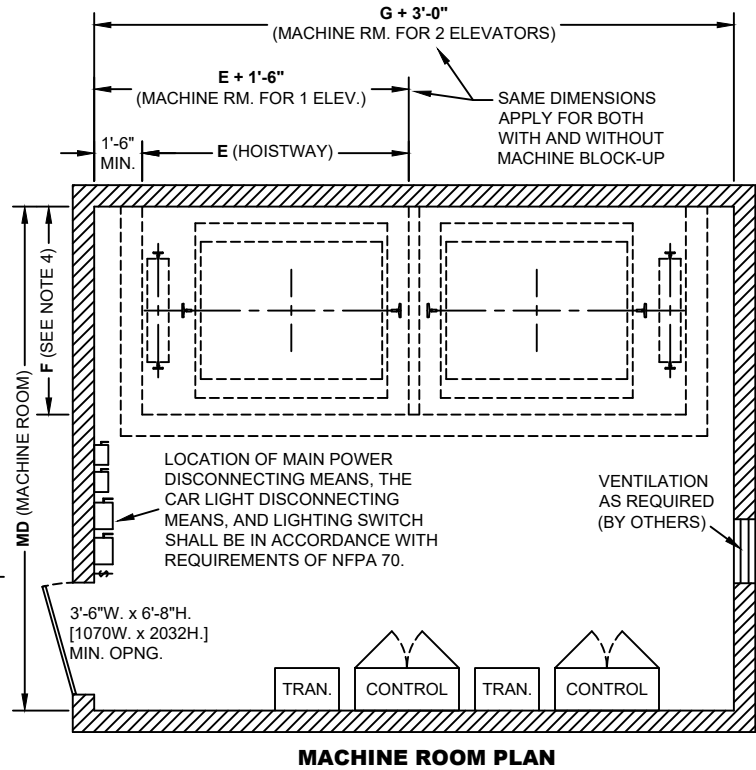
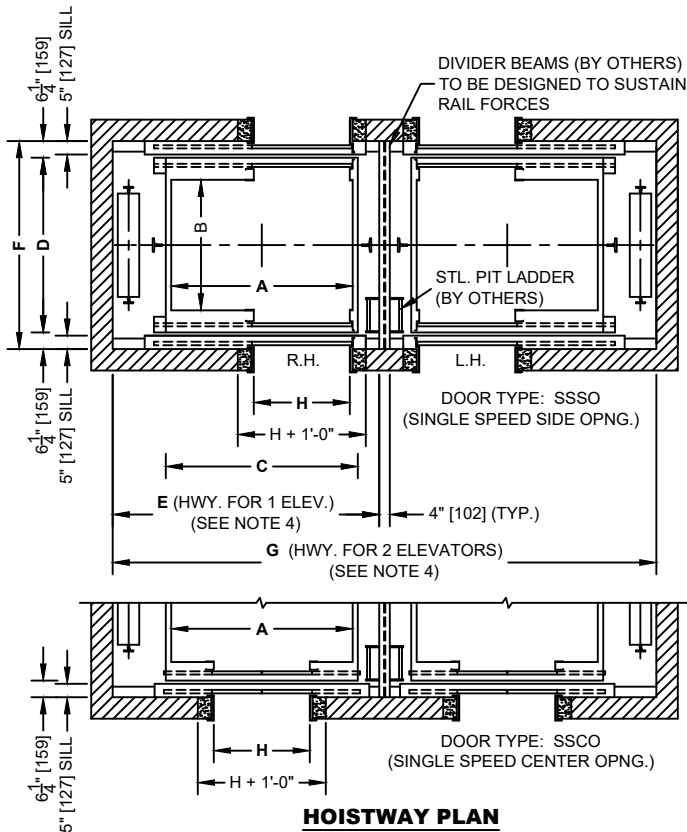
PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-11" [4547]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-6" [4724]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-10" [4826]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-8" [2032]	16'-5" [5004]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-8" [2032]	16'-7" [5055]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Rear Opening, CWT at Side



NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 10" [254] to the hoistway and machine room widths listed for each elevator.

HOISTWAY AND MACHINE ROOM DIMENSIONS

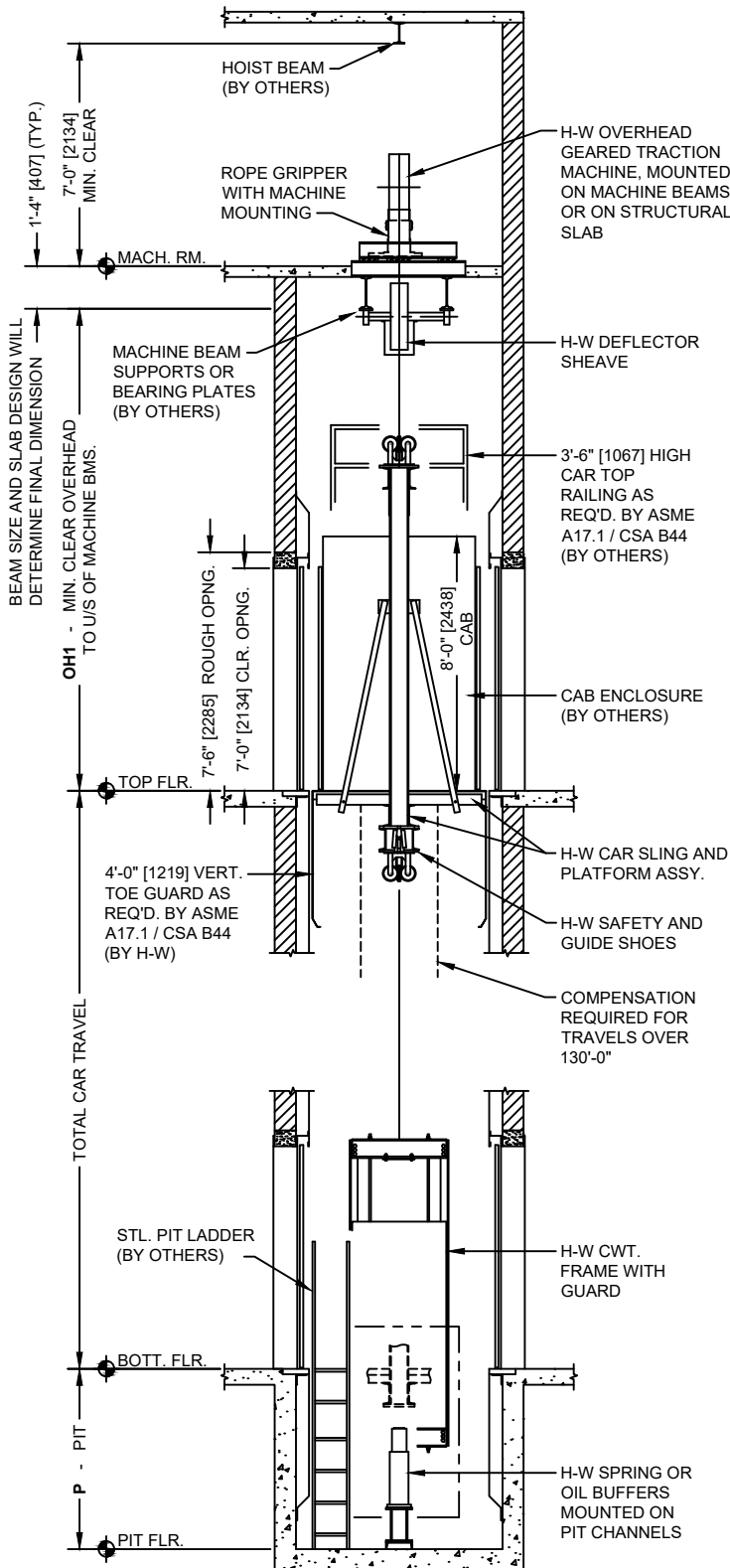
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
2,000 [900]	24.2 [2.25]	3'-0" [914]	SSSO (a)	5'-8" [1727]	4'-3" [1295]	6'-0" [1829]	5'-7 1/2" [1715]	8'-4" [2540]	6'-8" [2032]	17'-0" [5182]	8'-6" [2591]	6'-8" [2032]	17'-4" [5284]	14'-0" [4268]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-3" [1295]	7'-0" [2134]	5'-7 1/2" [1715]	9'-4" [2845]	6'-8" [2032]	19'-0" [5791]	9'-6" [2896]	6'-8" [2032]	19'-4" [5893]	14'-0" [4268]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	SSSO (b) SSCO (a)	6'-8" [2032]	4'-9" [1448]	7'-0" [2134]	6'-1 1/2" [1867]	9'-4" [2845]	7'-2" [2185]	19'-0" [5791]	9'-6" [2896]	7'-2" [2185]	19'-4" [5893]	14'-6" [4420]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	SSSO (c) SSCO (b)	6'-8" [2032]	5'-5" [1651]	7'-0" [2134]	6'-9 1/2" [2070]	9'-4" [2845]	7'-10" [2388]	19'-0" [5791]	9'-6" [2896]	7'-10" [2388]	19'-4" [5893]	15'-2" [4623]
4,000 [1815]	42.2 [3.92]	3'-6" [1067]	SSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-9 1/2" [2070]	10'-4" [3150]	7'-10" [2388]	21'-0" [6401]	10'-6" [3201]	7'-10" [2388]	21'-4" [6503]	15'-2" [4623]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	SSCO (c)	7'-8" [2337]	5'-5" [1651]	8'-0" [2438]	6'-9 1/2" [2070]	10'-4" [3150]	7'-10" [2388]	21'-0" [6401]	10'-6" [3201]	7'-10" [2388]	21'-4" [6503]	15'-2" [4623]

- a. These car dimensions and entrance types provide wheelchair accessibility.
- b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position.
- c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.

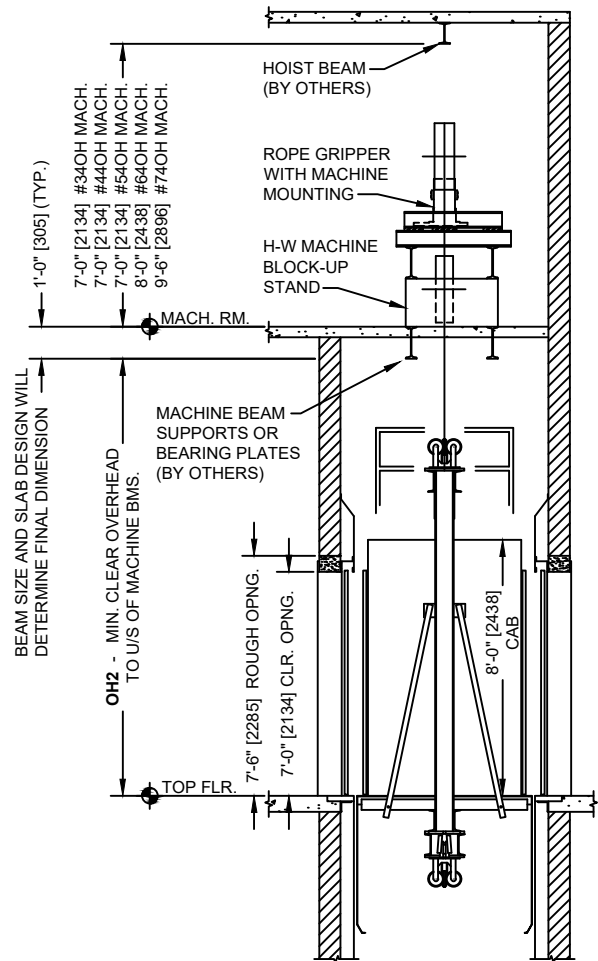


OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Rear Opening, CWT at Side



**HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)**



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)**

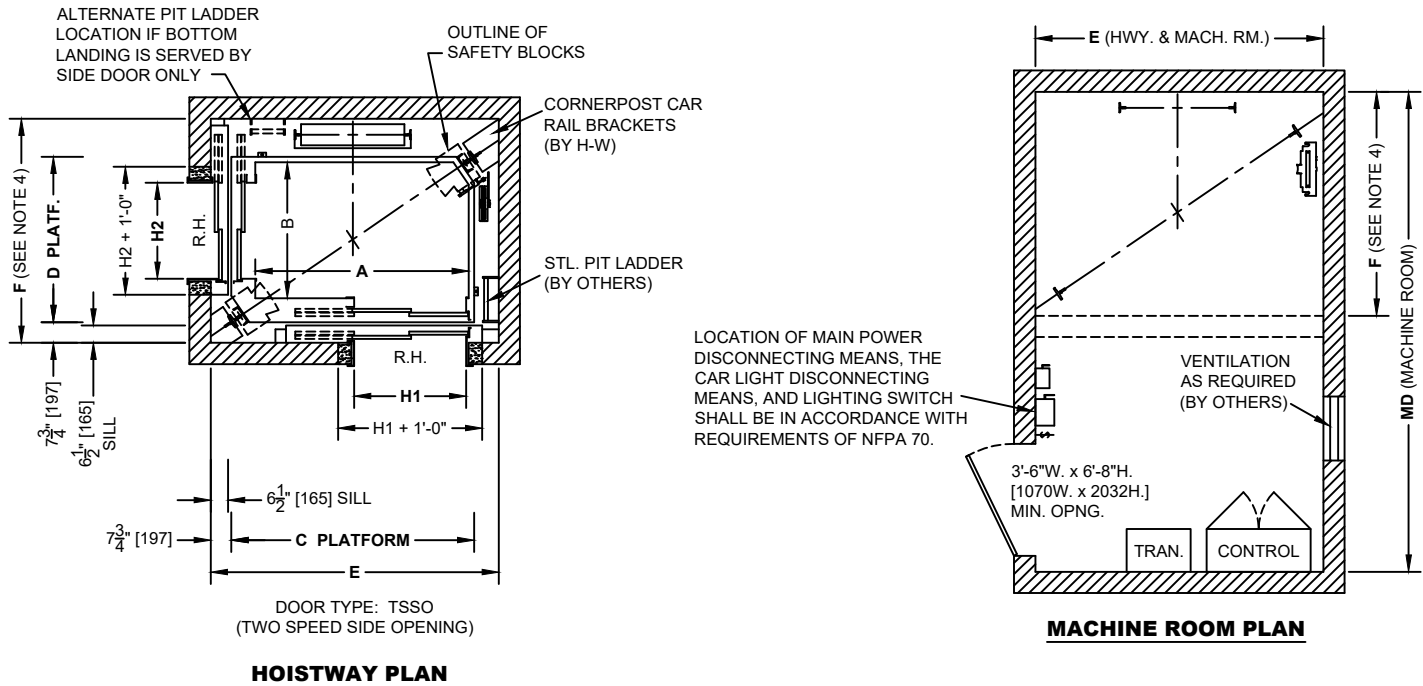
PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-11" [4547]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-6" [4724]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-10" [4826]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-8" [2032]	16'-5" [5004]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-8" [2032]	16'-7" [5055]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Side Opening (Cornerpost), CWT at Rear



NOTES:

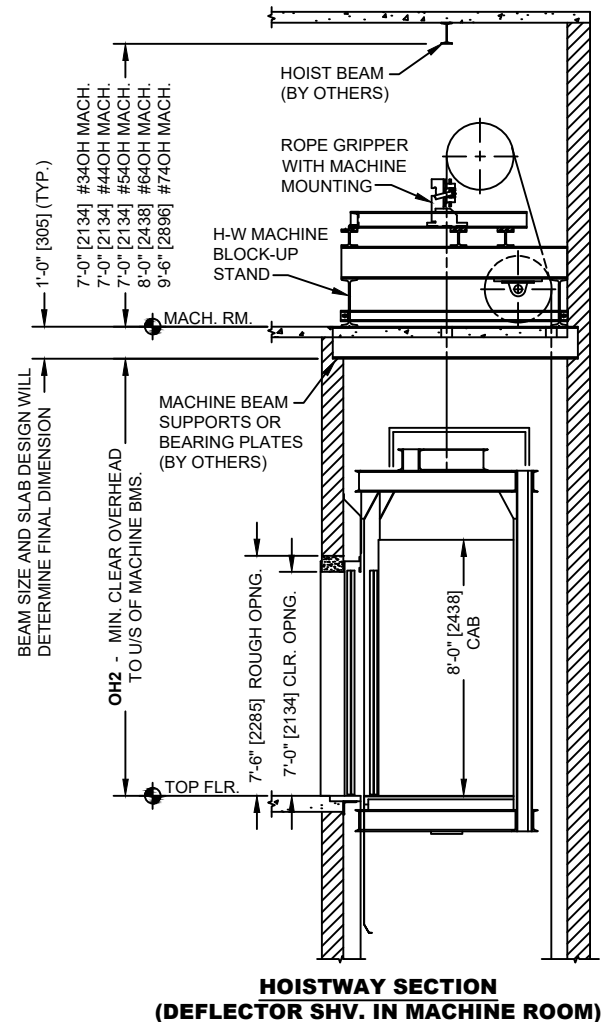
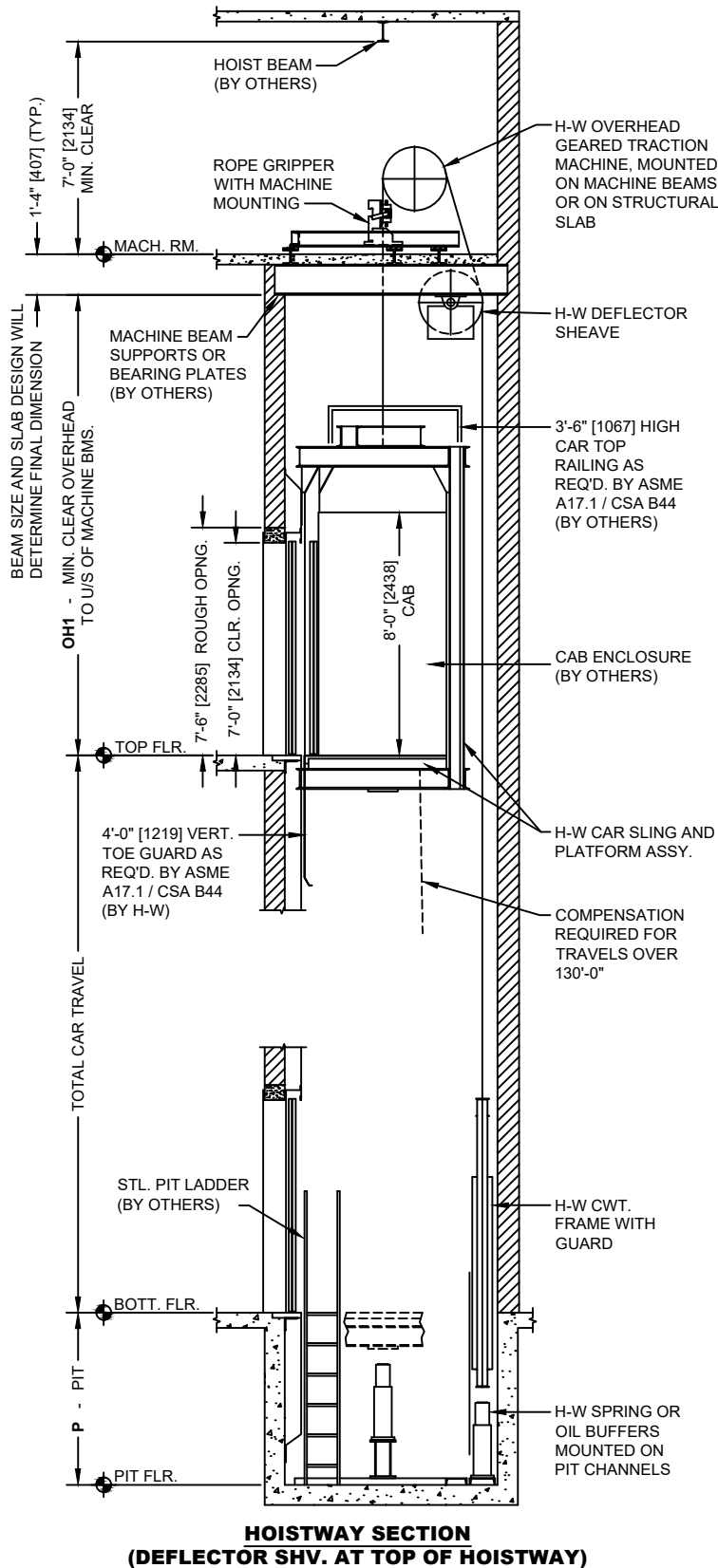
1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 8" [203] to the hoistway and machine room depths listed.
5. Larger car sizes may be possible up to a maximum of 5,000# capacity. Consult with H-W engineering department.

HOISTWAY AND MACHINE ROOM DIMENSIONS												
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H1 CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	H2 CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (SEISMIC ZONE 0 - 4)		MACH. ROOM
						A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	MD DEPTH ft [mm]
2,000 [900]	24.2 [2.25]	3'-0" [914]	TSSO (a)	3'-0" [914]	TSSO (a)	5'-8" [1727]	4'-3" [1295]	6'-7" [2007]	5'-2" [1575]	8'-0" [2438]	7'-0" [2134]	15'-0" [4572]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	TSSO (b)	3'-0" [914]	TSSO (b)	6'-8" [2032]	4'-3" [1295]	7'-7" [2311]	5'-2" [1575]	9'-0" [2743]	7'-0" [2134]	15'-0" [4572]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	TSSO (b)	3'-0" [914]	TSSO (b)	6'-8" [2032]	4'-9" [1448]	7'-7" [2311]	5'-8" [1727]	9'-0" [2743]	7'-6" [2286]	15'-6" [4724]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	TSSO (c)	3'-6" [1067]	TSSO (c)	6'-8" [2032]	5'-5" [1651]	7'-7" [2311]	6'-4" [1930]	9'-0" [2743]	8'-2" [2489]	16'-0" [4877]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	TSSO (c)	3'-6" [1067]	TSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-7" [2616]	6'-4" [1930]	10'-0" [3048]	8'-2" [2489]	16'-0" [4877]
a. These car dimensions and entrance types provide wheelchair accessibility. b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position. c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.												



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Side Opening (Cornerpost), CWT at Rear



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)**

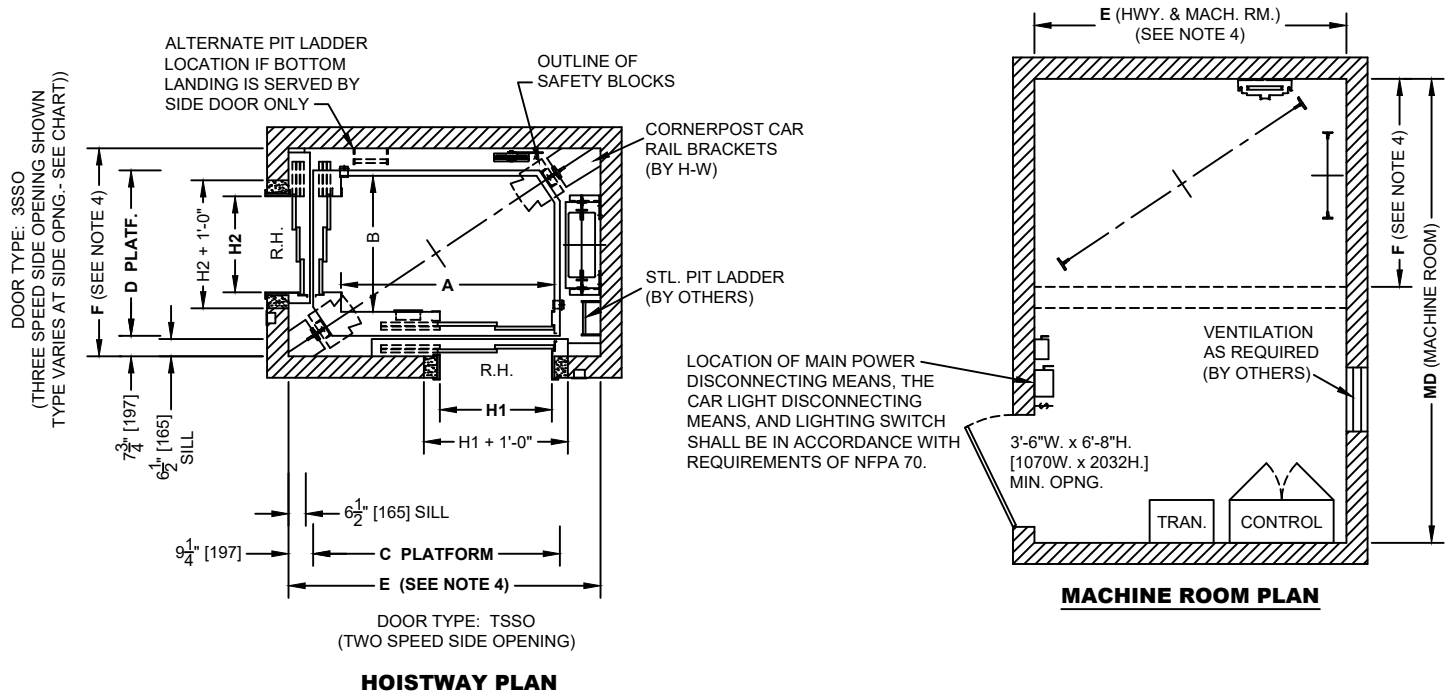
PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-9" [4496]	14'-3" [4343]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-4" [4674]	14'-10" [4521]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-8" [4775]	15'-2" [4623]
450 fpm [2.25 m/s]	6'-9" [2057]	16'-3" [4953]	15'-9" [4801]
500 fpm [2.50 m/s]	6'-9" [2057]	16'-5" [5004]	15'-11" [4851]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Side Opening (Cornerpost), CWT at Side



NOTES:

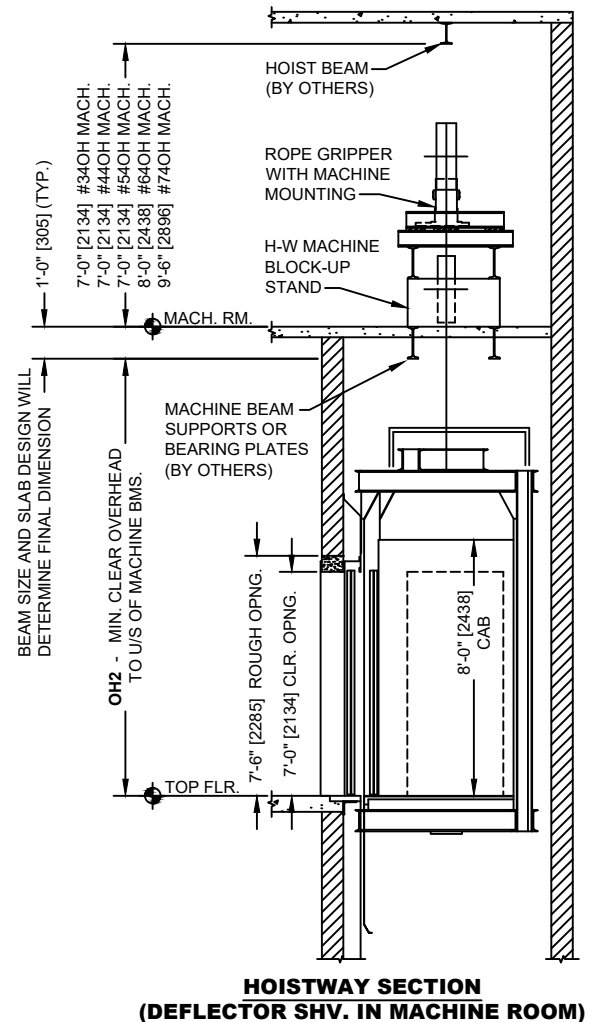
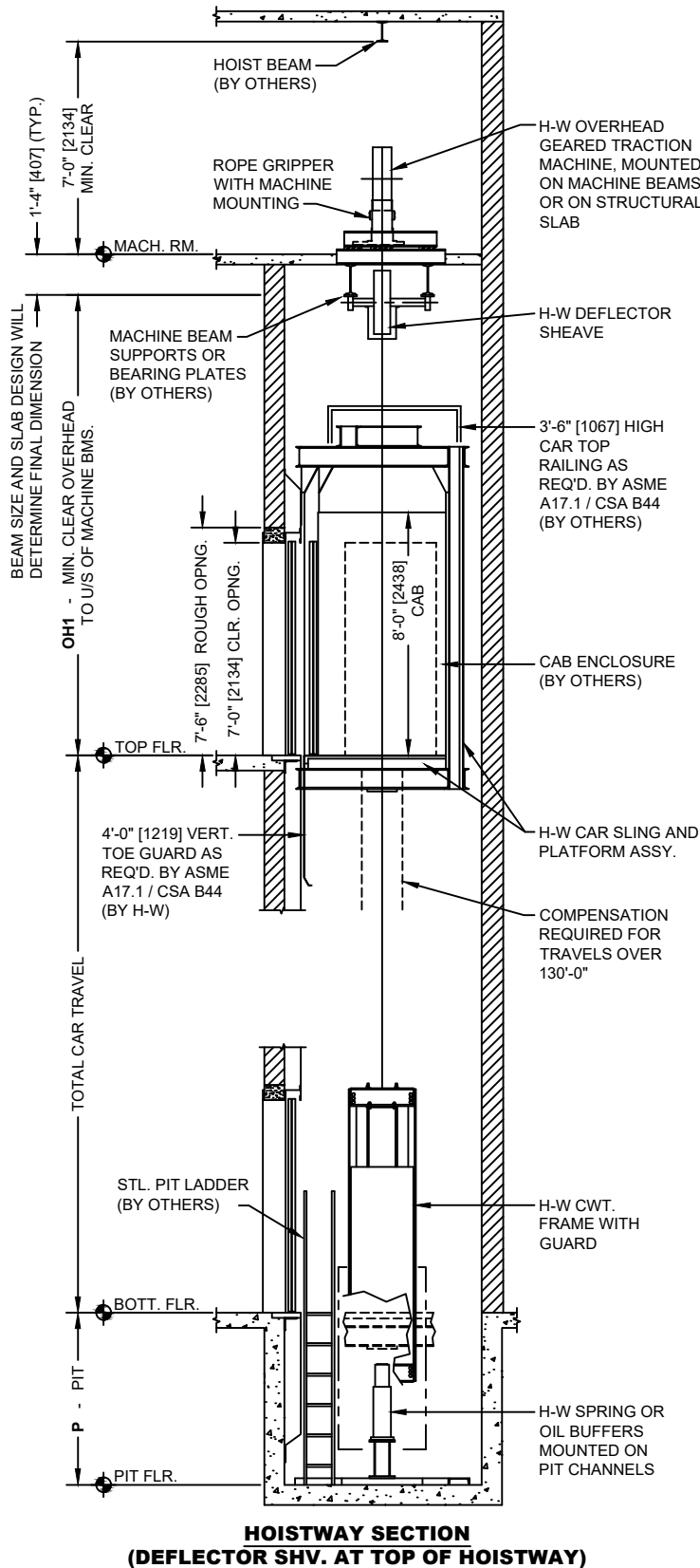
1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. This arrangement may not provide enough space to accommodate a counterweight safety. Consult with H-W engineering department.
5. Larger car sizes may be possible up to a maximum of 5,000# capacity. Consult with H-W engineering department.

HOISTWAY AND MACHINE ROOM DIMENSIONS												
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H1 CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	H2 CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (SEISMIC ZONE 0 - 4)		MACH. ROOM
						A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	MD DEPTH ft [mm]
2,000 [900]	24.2 [2.25]	3'-0" [914]	TSSO (a)	3'-0" [914]	3SSO (a)	5'-8" [1727]	4'-3" [1295]	6'-8 1/2" [2045]	5'-2" [1575]	8'-9" [2667]	6'-6" [1981]	14'-6" [4420]
2,500 [1160]	29.1 [2.70]	3'-6" [1067]	TSSO (b)	3'-0" [914]	3SSO (b)	6'-8" [2032]	4'-3" [1295]	7'-8 1/2" [2350]	5'-2" [1575]	9'-9" [2972]	6'-6" [1981]	14'-6" [4420]
3,000 [1380]	33.7 [3.13]	3'-6" [1067]	TSSO (b)	3'-0" [914]	TSSO (b)	6'-8" [2032]	4'-9" [1448]	7'-7" [2311]	5'-8" [1727]	9'-6" [2896]	7'-0" [2134]	15'-0" [4572]
3,500 [1600]	38.0 [3.53]	3'-6" [1067]	TSSO (c)	3'-6" [1067]	TSSO (c)	6'-8" [2032]	5'-5" [1651]	7'-7" [2311]	6'-4" [1930]	9'-6" [2896]	7'-9" [2362]	15'-9" [4801]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	TSSO (c)	3'-6" [1067]	TSSO (c)	7'-8" [2337]	5'-5" [1651]	8'-7" [2616]	6'-4" [1930]	10'-6" [3200]	7'-9" [2362]	15'-9" [4801]
a. These car dimensions and entrance types provide wheelchair accessibility. b. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (76"x24") in the horizontal position. c. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.												



OVERHEAD GEARED TRACTION DESIGN GUIDE

Passenger, Front & Side Opening (Cornerpost), CWT at Side



PIT AND OVERHEAD DIMENSIONS

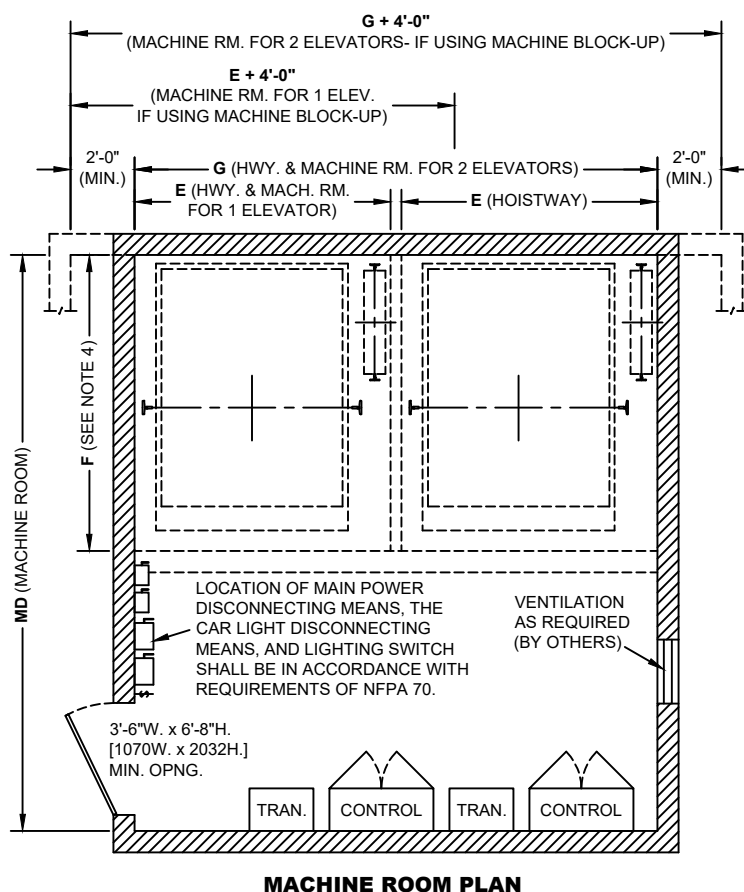
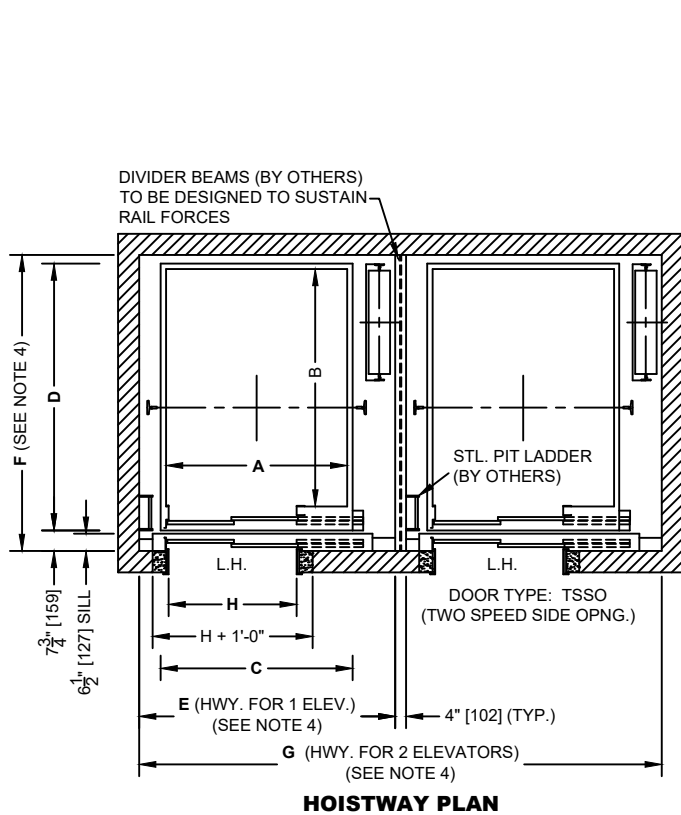
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1676]	14'-9" [4496]	14'-3" [4343]
250 - 350 fpm [1.25 - 1.75 m/s]	5'-8" [1727]	15'-4" [4674]	14'-10" [4521]
400 fpm [2.00 m/s]	6'-0" [1829]	15'-8" [4775]	15'-2" [4623]
450 fpm [2.25 m/s]	6'-9" [2057]	16'-3" [4953]	15'-9" [4801]
500 fpm [2.50 m/s]	6'-9" [2057]	16'-5" [5004]	15'-11" [4851]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Hospital / Service, Front Opening, CWT at Side



NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 8" [203] to the hoistway and machine room widths listed and 6" [152] to the hoistway and machine room depths listed for each elevator.

HOISTWAY AND MACHINE ROOM DIMENSIONS

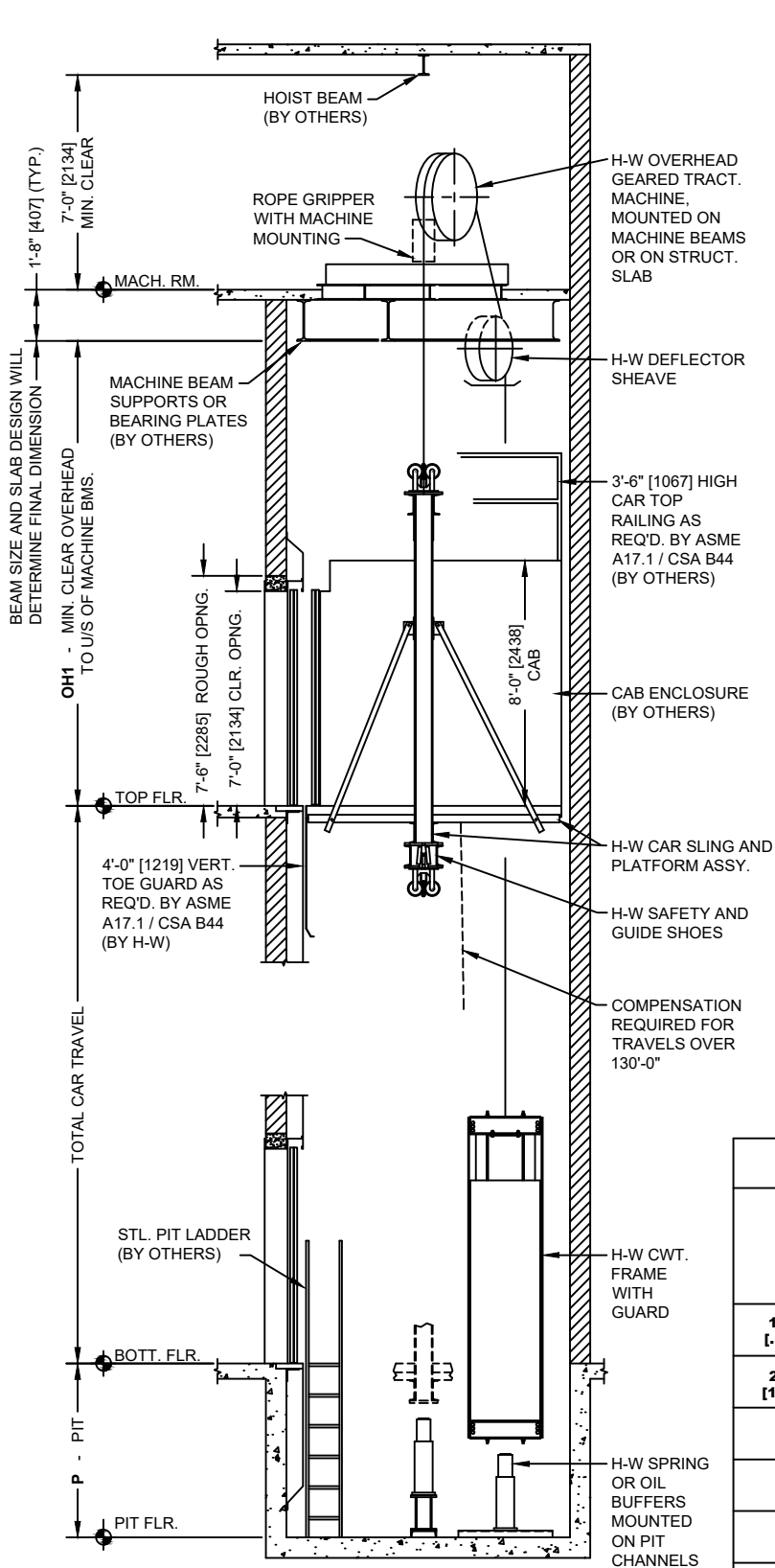
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
3,500 [1600]	38.0 [3.53]	3'-10" [1169]	TSSO (a)	5'-2" [1575]	7'-4" [2235]	5'-6" [1677]	8'-4" [2540]	7'-8" [2337]	9'-3" [2820]	15'-8" [4775]	8'-0" [2438]	9'-3" [2820]	16'-4" [4978]	17'-0" [5182]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	7'-4" [2235]	6'-0" [1829]	8'-4" [2540]	8'-2" [2489]	9'-3" [2820]	16'-8" [5080]	8'-6" [2642]	9'-3" [2820]	17'-4" [5283]	17'-0" [5182]
4,500 [2040]	46.2 [4.29]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	7'-10" [2388]	6'-0" [1829]	8'-10" [2693]	8'-4" [2540]	9'-9" [2972]	17'-0" [5182]	8'-6" [2642]	9'-9" [2972]	17'-4" [5283]	17'-6" [5334]
5,000 [2270]	50.0 [4.65]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	8'-6" [2591]	6'-0" [1829]	9'-6" [2896]	8'-4" [2540]	10'-5" [3175]	17'-0" [5182]	8'-6" [2642]	10'-5" [3175]	17'-4" [5283]	18'-3" [5563]

a. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.

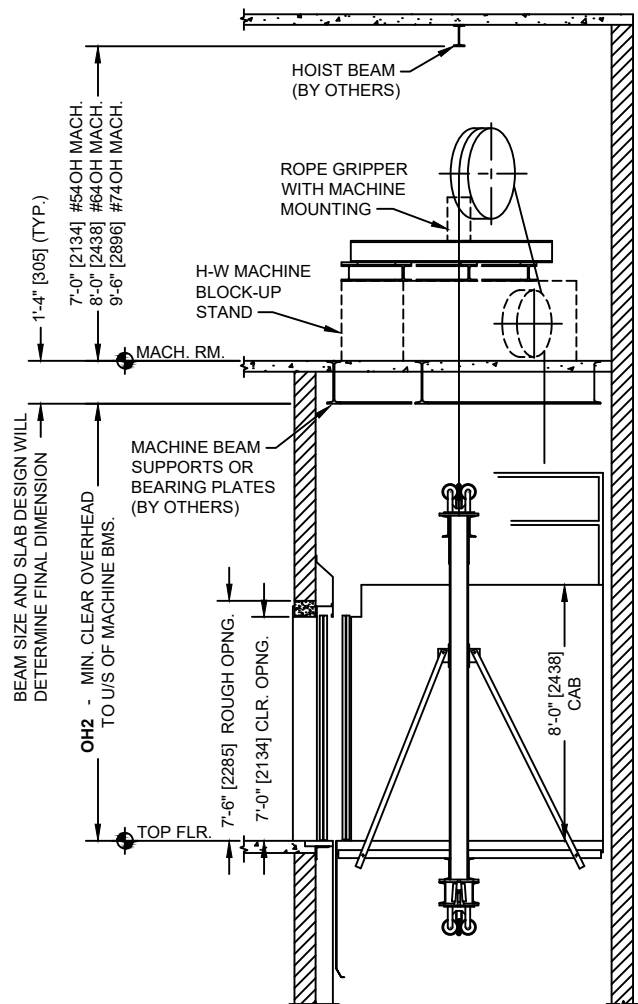


OVERHEAD GEARED TRACTION DESIGN GUIDE

Hospital / Service, Front Opening, CWT at Side



**HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)**



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)**

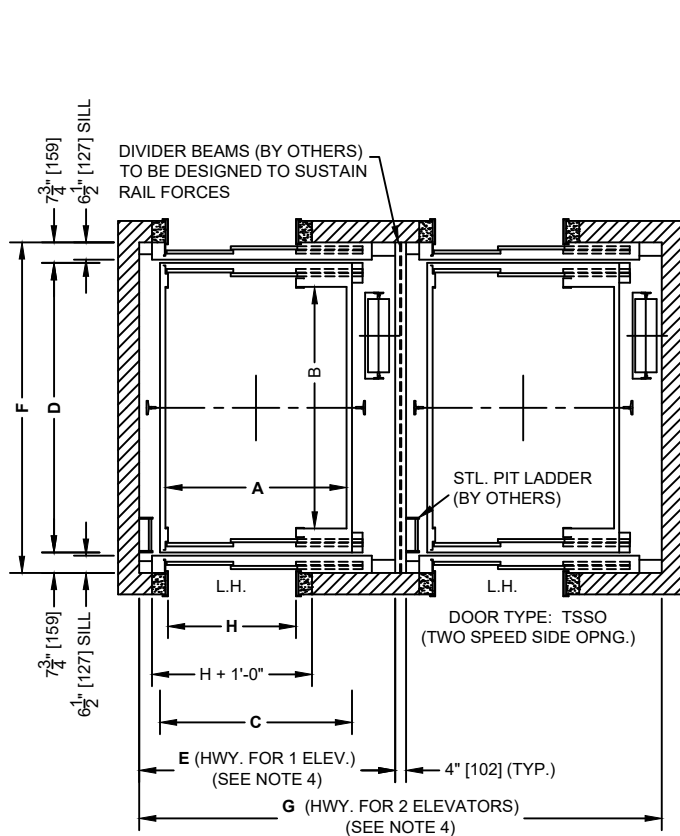
PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1677]	14'-7" [4445]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	6'-0" [1829]	15'-2" [4623]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-3" [1905]	15'-6" [4725]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-10" [2083]	16'-1" [4902]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-10" [2083]	16'-3" [4953]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].

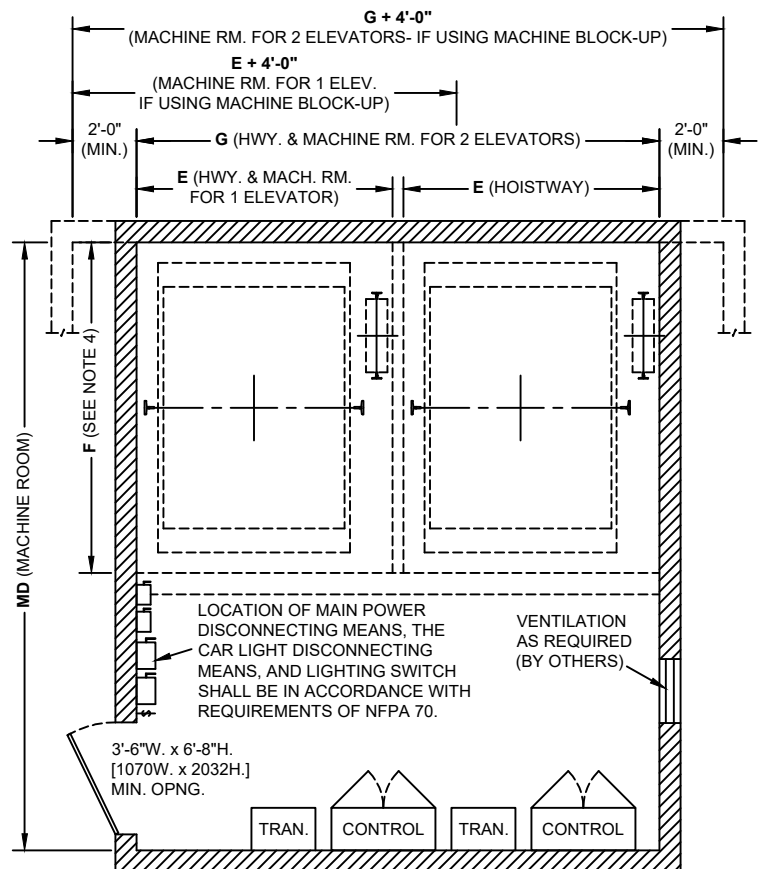


OVERHEAD GEARED TRACTION DESIGN GUIDE

Hospital / Service, Front & Rear Opening, CWT at Side



HOISTWAY PLAN



MACHINE ROOM PLAN

NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 8" [203] to the hoistway and machine room widths listed for each elevator.

HOISTWAY AND MACHINE ROOM DIMENSIONS

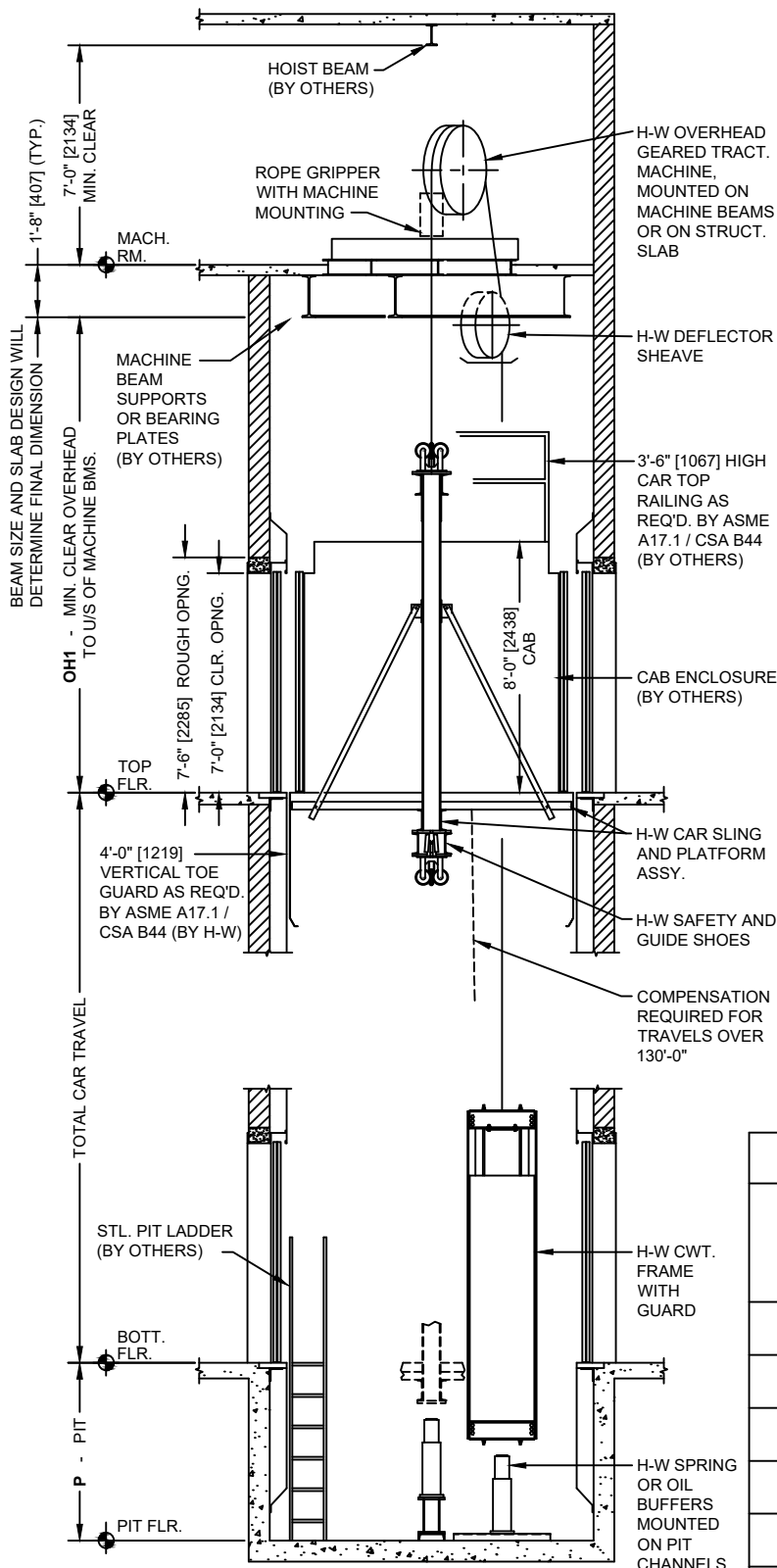
CAPACITY lb [kg]	INSIDE AREA (MAX. SF ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC)			HOISTWAY SIZE (SEISMIC ZONE 2 OR GREATER)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
3,500 [1600]	38.0 [3.53]	3'-10" [1169]	TSSO (a)	5'-2" [1575]	7'-4" [2235]	5'-6" [1677]	9'-0 1/2" [2756]	7'-10" [2388]	10'-4" [3150]	16'-0" [4877]	8'-0" [2438]	10'-4" [3150]	16'-4" [4978]	18'-0" [5486]
4,000 [1815]	42.2 [3.92]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	7'-4" [2235]	6'-0" [1829]	9'-0 1/2" [2756]	8'-4" [2540]	10'-4" [3150]	17'-0" [5182]	8'-6" [2642]	10'-4" [3150]	17'-4" [5283]	18'-0" [5486]
4,500 [2040]	46.2 [4.29]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	7'-10" [2388]	6'-0" [1829]	9'-6 1/2" [2908]	8'-4" [2540]	10'-10" [3302]	17'-0" [5182]	8'-6" [2642]	10'-10" [3302]	17'-4" [5283]	18'-0" [5486]
5,000 [2270]	50.0 [4.65]	4'-0" [1219]	TSSO (a)	5'-8" [1727]	8'-6" [2591]	6'-0" [1829]	10'-2 1/2" [3112]	8'-4" [2540]	11'-6" [3505]	17'-0" [5182]	8'-6" [2642]	11'-6" [3505]	17'-4" [5283]	18'-8" [5690]

a. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.

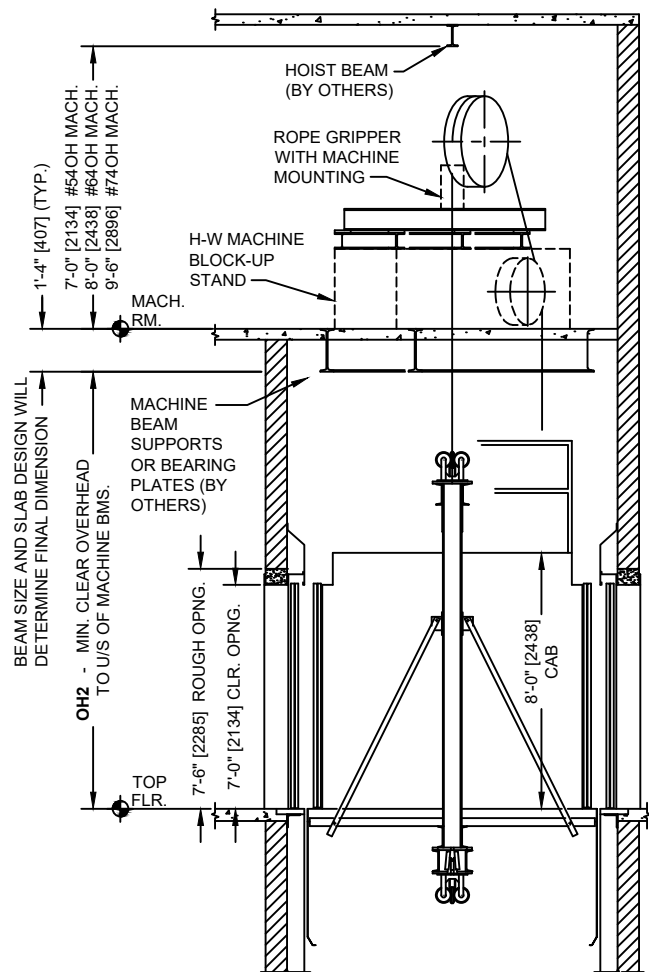


OVERHEAD GEARED TRACTION DESIGN GUIDE

Hospital / Service, Front & Rear Opening, CWT at Side



**HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)**



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)**

PIT AND OVERHEAD DIMENSIONS

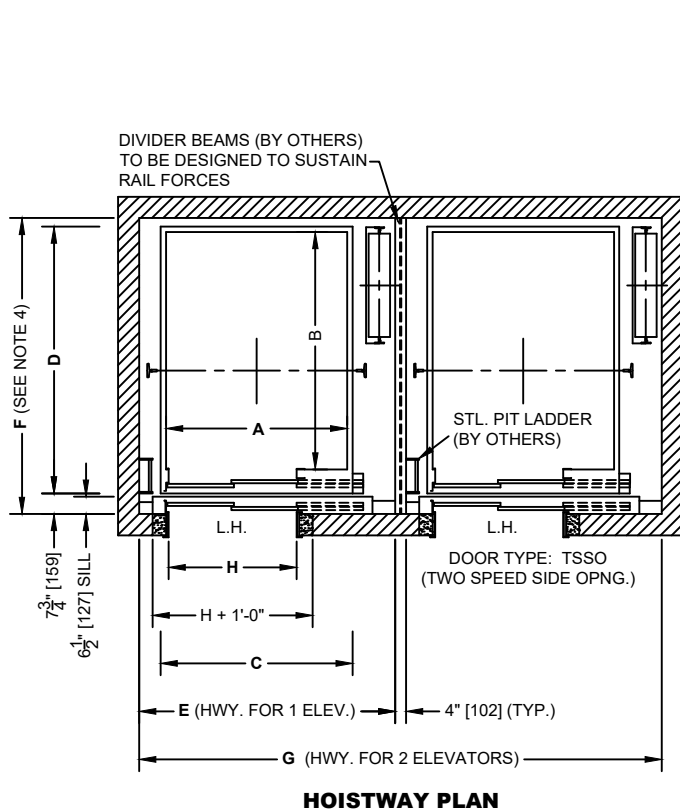
RATED SPEED fpm [m/s]	PIT DEPTH	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1677]	14'-7" [4445]	13'-5" [4089]
250 - 350 fpm [1.25 - 1.75 m/s]	6'-0" [1829]	15'-2" [4623]	14'-0" [4267]
400 fpm [2.00 m/s]	6'-3" [1905]	15'-6" [4725]	14'-4" [4369]
450 fpm [2.25 m/s]	6'-10" [2083]	16'-1" [4902]	14'-11" [4547]
500 fpm [2.50 m/s]	6'-10" [2083]	16'-3" [4953]	15'-1" [4597]

Overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] cab use OH + 1'-0" [305]. For 10'-0" [3050] cab use OH + 2'-0" [610].

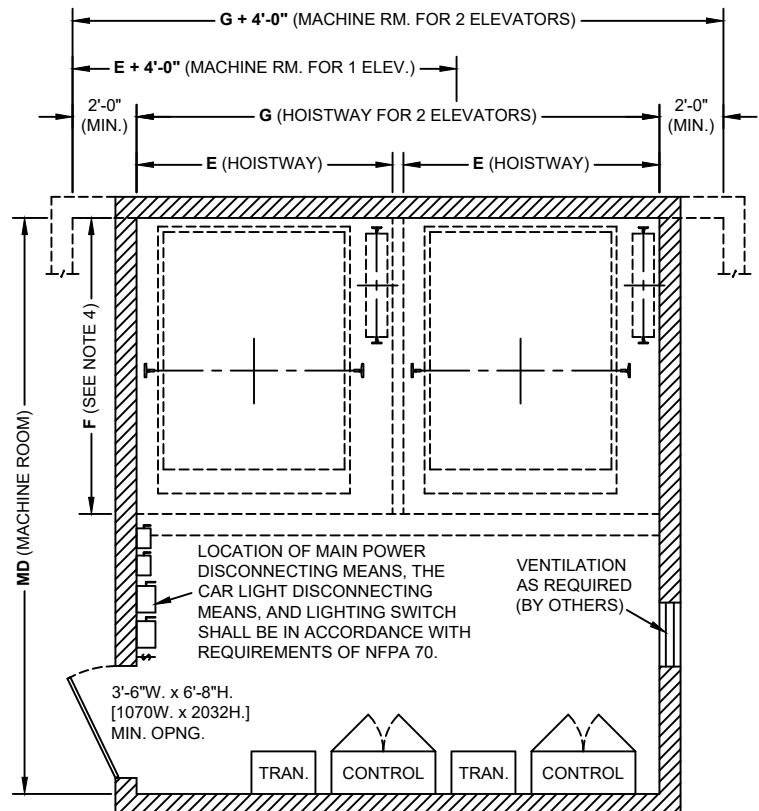


OVERHEAD GEARED TRACTION DESIGN GUIDE

Trauma, Front Opening, CWT at Side



HOISTWAY PLAN



MACHINE ROOM PLAN

NOTES:

1. Dimensions shown are based on standard sizes and capacities for typical building installations and should only be used for preliminary planning. Contact H-W for additional information before proceeding with construction or for assistance with existing or special conditions.
2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
3. Interior cab dimensions may vary depending on the interior finishes. The platform and hoistway sizes should be increased accordingly for extra thick cab finishes.
4. Counterweight safeties are required if there is "occupied space" below the pit. Add 8" [203] to the hoistway and machine room widths listed and 6" [152] to the hoistway and machine room depths listed for each elevator.

HOISTWAY AND MACHINE ROOM DIMENSIONS

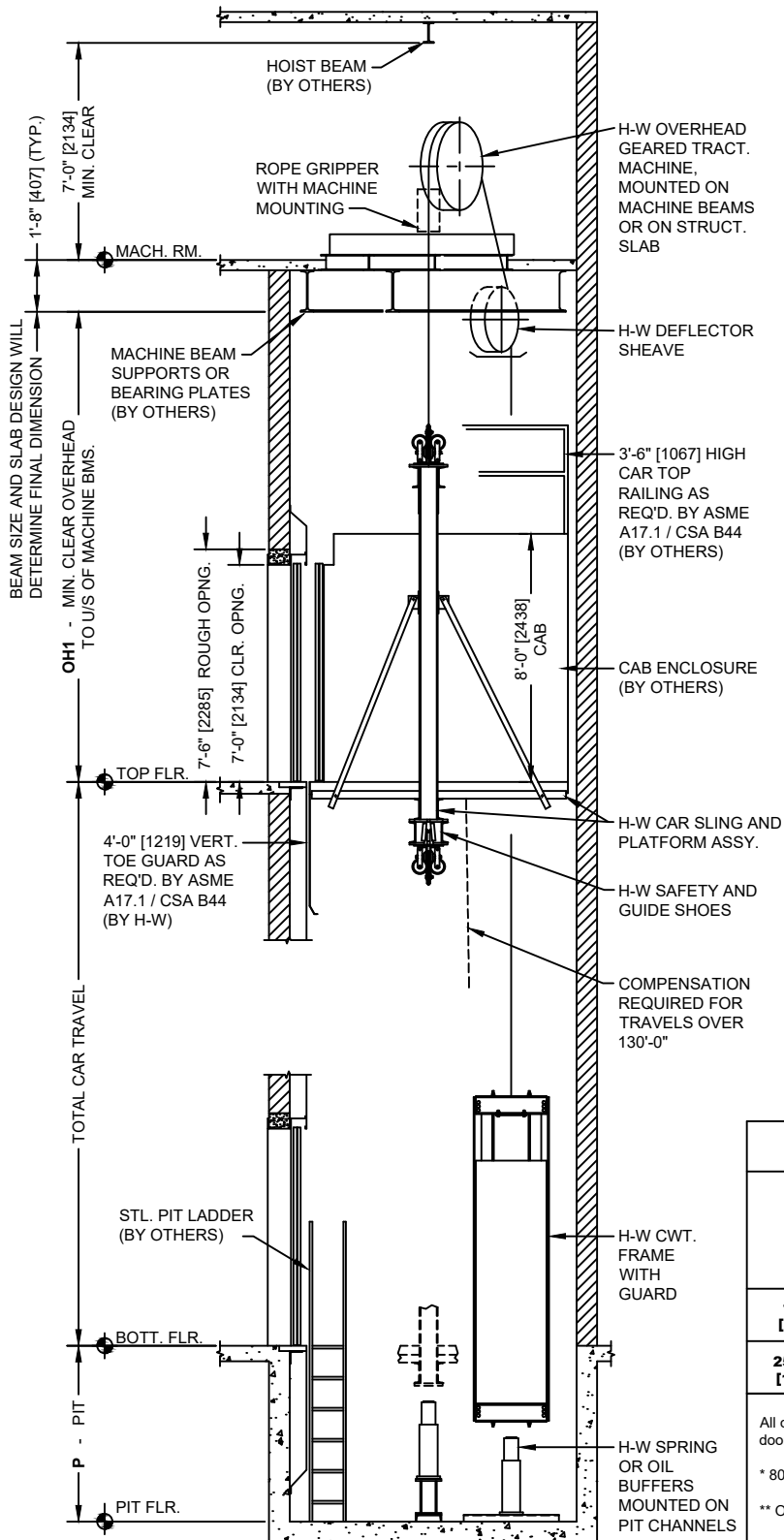
CAPACITY lb [kg]	INSIDE AREA (MAXIMUM SQ. FT. ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC & SEISMIC ZONES)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
6,000 [2720]	57.7 [5.36]	5'-0" [1524]	TSSO (a) TSCO (a)	6'-8" [2032]	8'-6" [2591]	7'-0" [2134]	9'-5" [2870]	9'-2" [2794]	10'-4" [3150]	18'-10" [5740]	19'-0" [5791]
7,000 [3175]	65.3 [6.07]	5'-0" [1524]	TSSO (a) TSCO (a)	6'-8" [2032]	9'-9" [2972]	7'-0" [2134]	10'-8" [3251]	9'-2" [2794]	11'-7" [3531]	18'-10" [5740]	20'-0" [6096]
8,000 [3630]	72.9 [6.77]	5'-0" [1524]	TSSO (a) TSCO (a)	7'-0" [2134]	10'-4" [3150]	7'-4" [2235]	11'-3" [3429]	9'-6" [2896]	12'-2" [3708]	19'-6" [5944]	21'-0" [6401]
10,000 [4535]	88.0 [8.17]	5'-0" [1524]	TSSO (a) TSCO (a)	7'-6" [2286]	11'-8" [3556]	7'-10" [2388]	12'-7" [3835]	10'-6" [3200]	13'-5" [4090]	21'-6" [6553]	22'-0" [6706]

a. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.

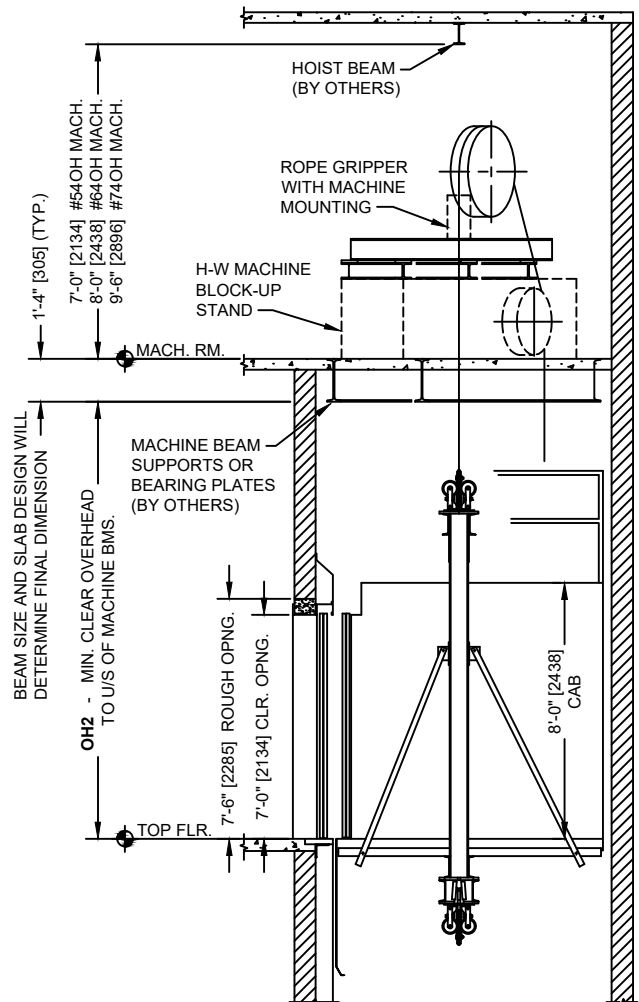


OVERHEAD GEARED TRACTION DESIGN GUIDE

Trauma, Front Opening, CWT at Side



**HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)**



**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)
ONLY AVAILABLE
UNDER 8000# CAPACITY**

PIT AND OVERHEAD DIMENSIONS			
RATED SPEED fpm [m/s]	PIT DEPTH *	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. AT TOP OF HOISTWAY)	MIN. OVERHEAD CLEAR TO U/S BMS. (DEFLECTOR SHV. IN MACHINE ROOM)
	P	OH1	OH2
100 - 200 fpm [.50 - 1.00 m/s]	5'-6" [1677] *	16'-3" [4953]	14'-9" [4496]
250 - 350 fpm ** [1.25 - 1.75m/s]	6'-0" [1829] *	16'-10" [5131]	15'-4" [4674]

All overhead dimensions (OH) are based on an 8'-0" [2438mm] cab height with a 7'-0" [2134mm] door. For 9'-0" [2745] high cab use OH + 1'-0" [305]. For 10'-0" [3050] high cab use OH + 2'-0" [610].

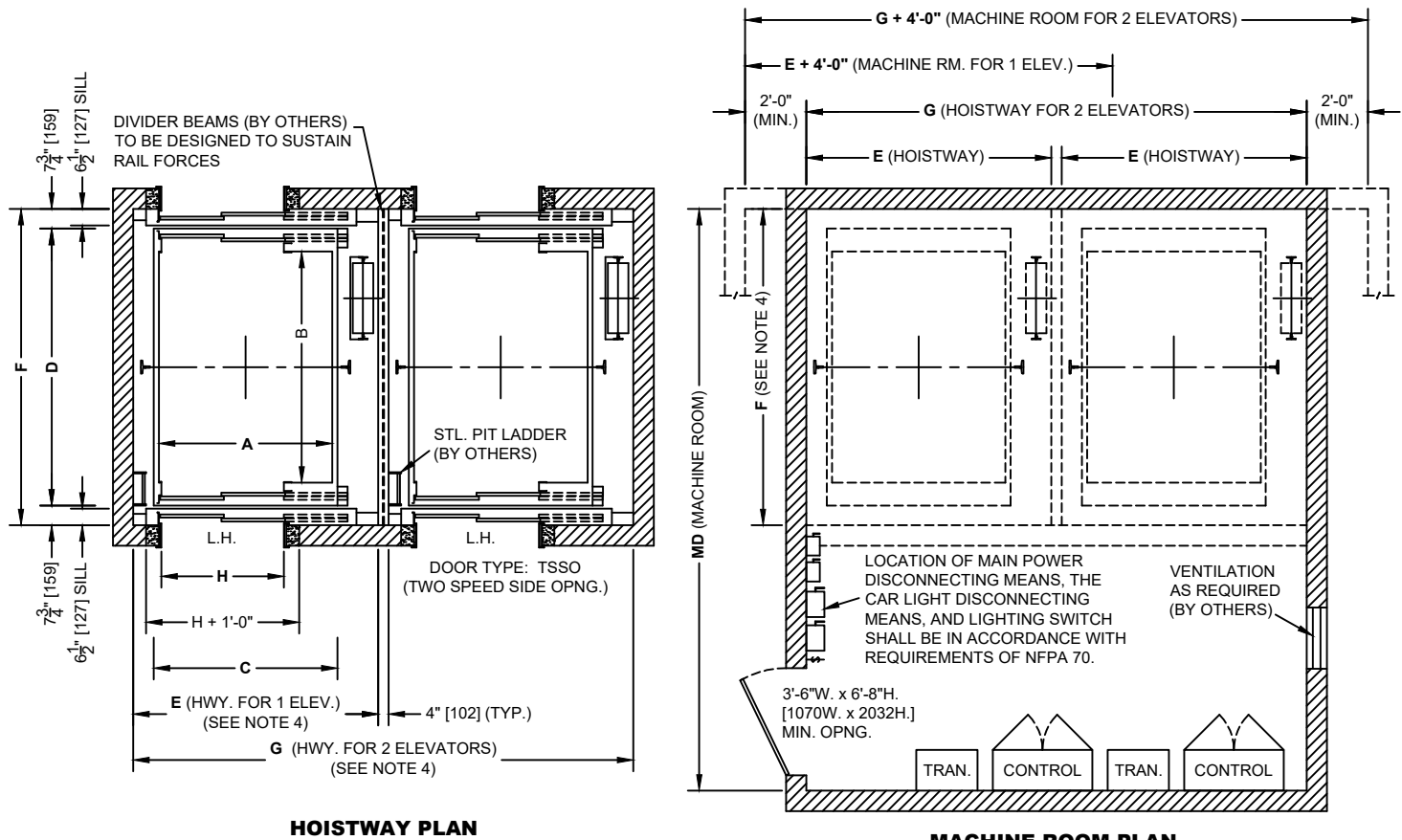
* 8000# [3630] capacity and over - Add 6" [152] to pit depth.

** Over 8000# [3630] capacity - maximum speed of 250 fpm [1.25m/s].



OVERHEAD GEARED TRACTION DESIGN GUIDE

Trauma, Front & Rear Opening, CWT at Side



HOISTWAY PLAN

MACHINE ROOM PLAN

NOTES:

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2. Dimensional data complies with the ASME A17.1 / CSA B44 Safety Code for Elevators and Escalators. State or local codes must be used if they differ from national code.
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HOISTWAY AND MACHINE ROOM DIMENSIONS											
CAPACITY lb [kg]	INSIDE AREA (MAXIMUM SQ. FT. ALLOWED PER CODE)	H CLEAR OPENING WIDTH ft [mm]	OPENING TYPE (1)	MINIMUM CLEAR CAB INSIDE		PLATFORM SIZE		HOISTWAY SIZE (NON-SEISMIC & SEISMIC ZONES)			MACH. ROOM
				A WIDTH ft [mm]	B DEPTH ft [mm]	C WIDTH ft [mm]	D DEPTH ft [mm]	E CLR. WIDTH ft [mm]	F CLR. DEPTH ft [mm]	G (DUPLEX) WALL TO WALL ft [mm]	
6,000 [2720]	57.7 [5.36]	5'-0" [1524]	TSSO (a) TSCO (a)	6'-8" [2032]	8'-6" [2591]	7'-0" [2134]	10'-0 1/2" [3060]	9'-2" [2794]	11'-4" [3454]	18'-10" [5740]	20'-0" [6096]
7,000 [3175]	65.3 [6.07]	5'-0" [1524]	TSSO (a) TSCO (a)	6'-8" [2032]	9'-9" [2972]	7'-0" [2134]	11'-3 1/2" [3442]	9'-2" [2794]	12'-7" [3835]	18'-10" [5740]	21'-0" [6401]
8,000 [3630]	72.9 [6.77]	5'-0" [1524]	TSSO (a) TSCO (a)	7'-0" [2134]	10'-4" [3150]	7'-4" [2235]	11'-10 1/2" [3620]	9'-6" [2896]	13'-2" [4013]	19'-6" [5944]	22'-0" [6706]
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a. These car dimensions and entrance types provide wheelchair accessibility and accommodate an ambulance type stretcher of (84"x24") in the horizontal position as required by the IBC.



Diagram illustrating the components and dimensions of a crane system, including:

- HOIST BEAM (BY OTHERS)**
- ROPE GRIPPER WITH MACHINE MOUNTING**
- H-W MACHINE BLOCK-UP STAND**
- MACH. RM.** (Machine Room)
- MACHINE BEAM SUPPORTS OR BEARING PLATES (BY OTHERS)**
- OH2 - MIN. CLEAR OVERHEAD TO U/S OF MACHINE BMS.**
- TOP FLR.** (Top Floor)
- ROUGH OPNG.** (Rough Opening)
- CLR. OPNG.** (Clear Opening)
- CAB** (Operator's Cabin)

Dimensions and Notes:

- 1'-4" [407] (TYP.)
- 7'-0" [2134] #54OH MACH.
- 8'-0" [2438] #64OH MACH.
- 9'-6" [2896] #74OH MACH.
- OH2 - MIN. CLEAR OVERHEAD TO U/S OF MACHINE BMS.
- 7'-6" [2285] ROUGH OPNG.
- 7'-0" [2134] CLR. OPNG.
- 8'-0" [2438] CAB

BEAM SIZE AND SLAB DESIGN WILL DETERMINE FINAL DIMENSION

**HOISTWAY SECTION
(DEFLECTOR SHV. IN MACHINE ROOM)
ONLY AVAILABLE
UNDER 8000# CAPACITY**

HOISTWAY SECTION
(DEFLECTOR SHV. AT TOP OF HOISTWAY)

PIT AND OVERHEAD DIMENSIONS			
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