

SCHEDULE OF APPROXIMATE OVERHEAD HEIGHTS
AND PIT DEPTHS FOR 4000# [1840 kg]
CAPACITY PASSENGER ELEVATORS

OVERHEAD MACHINES

SPEEDS FT./MIN. (M/SEC)	TYPE OF MACHINE	DISTANCE FROM TOP OF LANDING TO FINISHED MACHINE ROOM FLOOR OR PLATFORM		DISTANCE FROM TOP OF FINISHED MACHINE ROOM FLOOR TO UNDERSIDE OF SECONDARY SLAB	PITS
		WITHOUT SECONDARY SLAB	WITH SECONDARY SLAB		
100 (0.5)	GEARED	16'-6" [5000mm]			5'-6" [1650mm]
150 (0.8)	GEARED	16'-6" [5000mm]			5'-6" [1650mm]
200 (1.0)	GEARED	16'-6" [5000mm]			5'-6" [1650mm]
250 (1.3)	GEARED	18'-0" [5450mm]			7'-0" [2100mm]
300 (1.5)	GEARED	18'-0" [5450mm]			7'-0" [2100mm]
350 (1.8)	GEARED	18'-6" [5600mm]			7'-0" [2100mm]
400 (2.0)	GEARLESS		24'-3" [7376mm]	6'-3" [1875mm]	8'-8" [2600mm]
450 (2.3)	GEARLESS		24'-3" [7376mm]	6'-3" [1875mm]	8'-8" [2600mm]
500 (2.5)	GEARLESS		25'-3" [7675mm]	6'-3" [1875mm]	10'-0" [3000mm]
600 (3.0)	GEARLESS		27'-0" [8200mm]	6'-3" [1875mm]	12'-6" [3800mm]
700 (3.5)	GEARLESS		28'-0" [8500mm]	6'-3" [1875mm]	12'-6" [3800mm]

CLEAR MACHINE ROOM WITHOUT TROLLEY BEAMS 7'-6" [2250mm] MIN.

CLEAR MACHINE ROOM WITH TROLLEY BEAMS 10'-0" [3000mm] MIN.

NOTES:

1. DIMENSIONS ARE FOR PRELIMINARY PLANNING ONLY. ELEVATOR ENGINEER SHOULD BE CONSULTED RELATIVE TO CLEARANCES REQUIRED FOR SPECIFIC PROJECTS.
2. GEARLESS HOISTING MACHINES SHALL BE CONSIDERED FOR RISES OF 100 FEET [30480mm] OR MORE.

DETAIL TITLE / ELEVATOR HOISTWAYS
4000 LB. CAPACITY PASSENGER
VERTICAL DIMENSIONS

SCALE : NONE

DATE ISSUED : FEBRUARY 2008

CADD DETAIL NO. : SD142100-05.DWG

Department of
Veterans Affairs

