



IMPORTANT
WORK BY OTHER THAN ELEVATOR CONTRACTOR
ALL RULES SPECIFIED ARE FROM THE C.S.A. B44 SAFETY CODE FOR ELEVATORS, DUMBWAITERS, AND ESCALATORS
(Based on the latest edition and revision at date of drawing)

MACHINE ROOM:

- Machine room temperature must be maintained between 50° and 90°F, with suitable ventilation.
- Suitable access to machine room (Rule 2.3.3).
- Supports (Rule 2.6.2) and wall pockets for overhead machine beams as required and patching of pockets after beams are set.
- Floor slab not to be poured until machine beams and forms for slab holes are set.
- Provide overhead beam located as shown to lift maximum load of 4500 lbs. Minimum clearance from machine room floor to underside of beam to be 7 ft.

HOISTWAY:

- Venting of hoistway as dictated by governing building Codes (Rule 2.2.4).
- Access to pit (Rule 2.7.1.4).
- Fixed vertical ladder to pit extending a minimum of 48" above the sill of the access door as located in plan view (Rule 2.7.1.4.4).
- Adequate supports for guide rail brackets at each floor level and roof (Rule 3.2.5.2). Maximum vertical spacing, intermediate supports must be provided where floor to floor distances exceed maximum shown.
- Entrance walls of hoistway not to be built until door frames are set.
- Entrance frames are not designed to support overhead wall loads. Suitable supports for these loads must be provided.
- Landing signal fixture pockets per detail drawing.

ELECTRICAL:

- Feeders for 25 H.P. motor to each controller through disconnect switch with 70 amp fuses or 30 amp dual element fuses, or through 50 amp circuit breaker, located at lock jamb side of machine room door, or motor-generator room, if located on a different level to machine.
- Where two or more elevators operate as a group an additional main line disconnect (30 amps maximum) with feeders terminating at common relay panel is required.
- Separate 120 volts, 15 amp lighting branch circuit to each controller with fused disconnect switch in machine room for each elevator.
- Furnish and install an auxiliary emergency call bell when required (Rule 3.13.1.2), complete with wiring to controller.
- Permanent light fixtures and switches to be suitably located in each pit and machine room. Light switches to be located on jamb side of pit and machine room access. Lighting in machine room of not less than 10 foot candles at floor level. Lighting in pit of not less than 5 foot candles at pit floor level.

REVISIONS			
No.	DATE	BY	DESCRIPTION
1	JAN 5/70	D.L.	DISC. SWS. RELOCATED

RECORD OF PRINTS				
REV. No.	DATE ISSUED	No. OF PRINTS	LAYOUT ISSUED FOR	DATE REC'D
	DEC 4/70	8	APPROVAL	DEC 30/70
1	JAN 5/70	8+3	DISTR. & CONST.	

LAYOUT APPROVALS

BY ARCHITECT	BY GENERAL CONTRACTOR
LAYOUT APPROVED AS TO ARRANGEMENT AND SUPPLEMENTARY NOTES.	HOISTWAY SIZES GUARANTEED PLUMB WITHIN 1" OF FIGURE SHOWN.
SIGNED _____	SIGNED _____
DATE _____	DATE _____

REACTIONS Doubled for Impact, Except R1, R2, & R3.		
R1 LBS.	R2 LBS.	
R4 7500 LBS.	R5 6400 LBS.	
R7 8500 LBS.	R8 LBS.	
R10 LBS.	R11 LBS.	
CAR BUFFER LBS.	CWT. BUFFER LBS.	RAIL FORCES

TRACTION PASSENGER - V.V. GEARED
CAPACITY 4000 LBS. SPEED 200 F.P.M.
CONTROL DUPLEX SEL. COLL. WITH AUTO. LEV.
POWER SUPPLY 600 VOLTS 3 PH. 60 CY. EST. CAR WT. _____

TURNBULL CORPORATION (CANADA) LIMITED
TURNBULL ELEVATOR DIVISION

FOR FRESHWATER INSTITUTE
FORT GARRY, MAN.

OWNER FISHERIES RESEARCH BOARD

GEN. CONTRACTOR

ARCHITECT GREEN BLANKSTIEN RUSSELL
222 OSBORNE ST. W. WPG. MAN.

Scale 3/4" = 1'-0" Date 27 Nov 70
DR. G. TURNER CH. S. GORTER
EST. NO. 705221 DWG. NO. 2 OF 2
S.O. NO. 70225-6

PROVINCE OF MANITOBA
DEPARTMENT OF LABOUR
MECHANICAL & ENGINEERING DIVISION
THE ELEVATOR ACT

This plan (specification) approved subject to installation in accordance with the Act, Regulations and C.S.A. Elevator Code.

INSPECTOR
CHIEF INSPECTOR