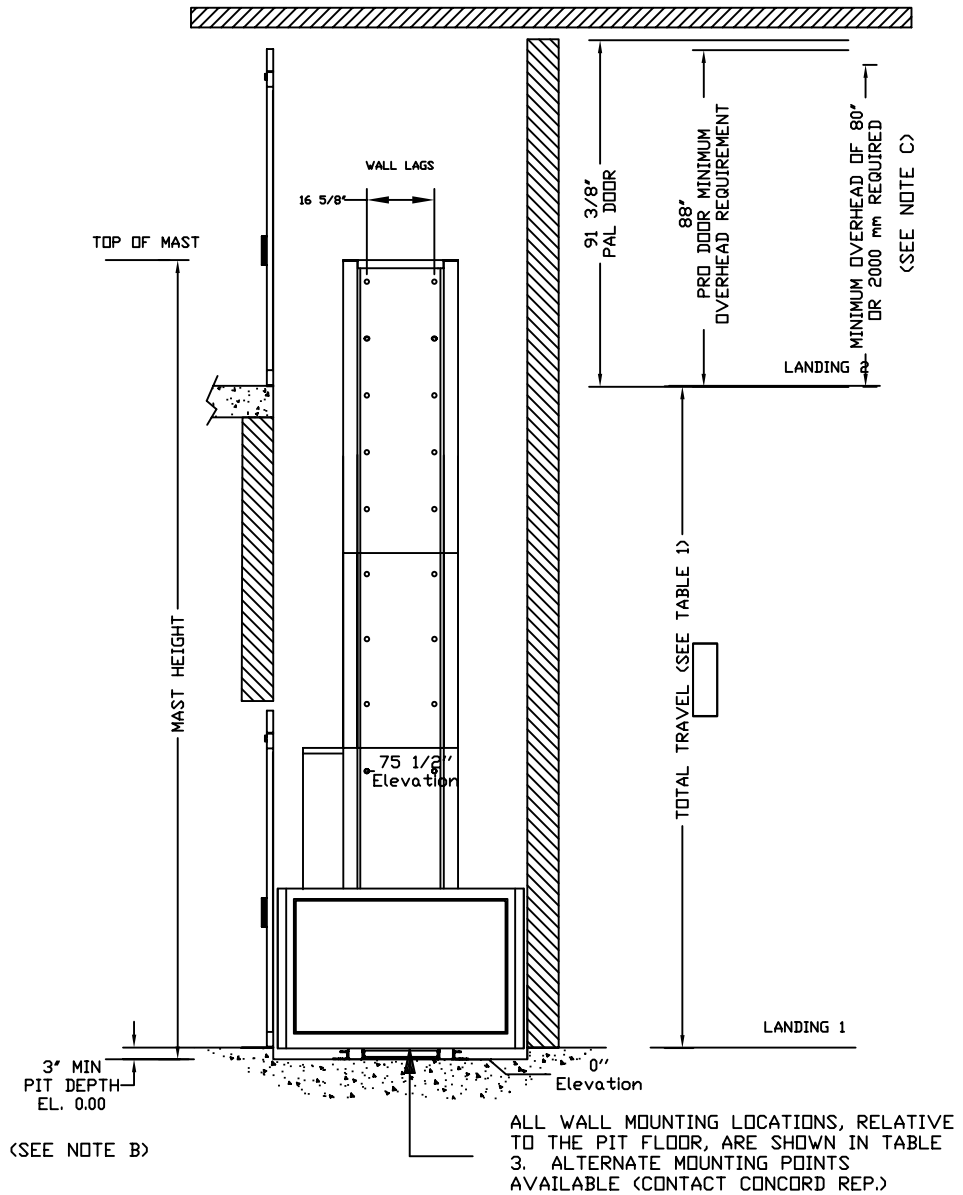
SECTIONAL VIEW A-A PAL -S TYPE-1L



PLAN VIEW - PAL -S TYPE-1L

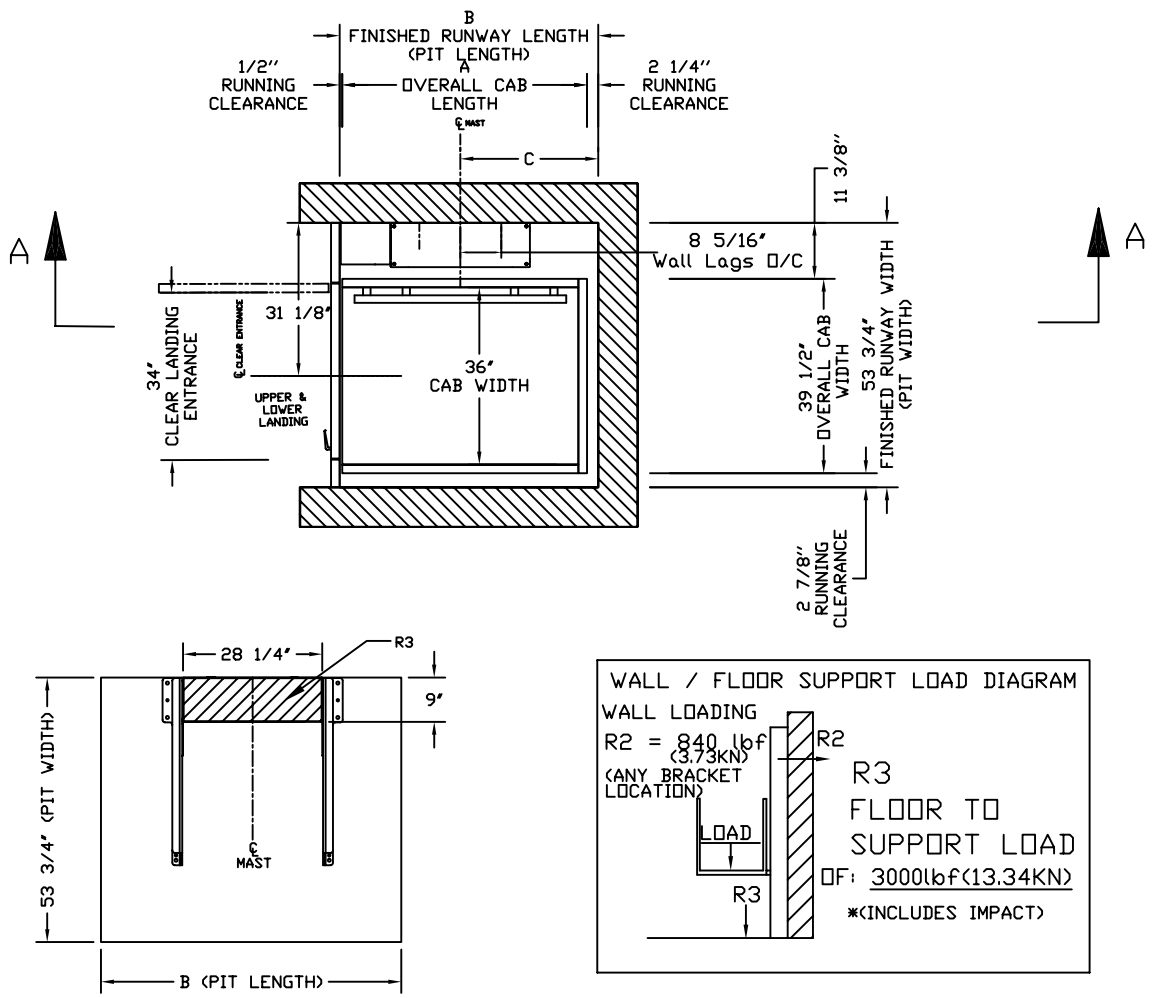


TABLE 1- MAST HEIGHT

MODEL	Max. Travel inches(mm)	Mast Height inches(mm)
96	96"	129"
120	120"	153"
144	144"	177"
168	168"	201"

TABLE 2- HOISTWAY DIMENSION

CLEAR INSIDE CAB WIDTH	CLEAR INSIDE CAB LENGTH	A	B	C
36"	48"	49 3/4"	52 1/2"	28"(711)
36"	54"	55 3/4"	58 1/2"	31" (787)
36"	60"	61 3/4"	64 1/2"	34"(864)

TABLE 3- ELEVATION OF THE ATTACHMENT POINTS

Mast Height	129'	153"	177"	201"
Mandatory Wall mounting	123 7/8"	147 3/4"	123 7/8"	123 7/8"
			172 1/8"	195 7/8"

PROVISIONS BY OTHERS

*GENERAL

HOISTWAY- THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH "SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS" (ASME A18.1 SEC. 2 OR 5) OR "SAFETY CODE FOR ELEVATORS AND ESCALATORS" (ASME A17.1 SEC. 20) AND ALL STATE AND LOCAL CODES.

PLUMB HOISTWAY- DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE- OWNER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE- OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

DIMENSIONS
CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

*STRUCTURAL

FLOOR/SUPPORT WALL LOADS- STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

WHERE DOORS ARE REQUIRED- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.

*ELECTRICAL

POWER SUPPLY- LOCKABLE FUSED DISCONNECT (15 A) WITH AUXILIARY CONTACT TO BRAKE THE BATTERY FEED, OR CIRCUIT BREAKERS (15 A) WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE (CONTACT CONCORD DEALER).

PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER OF 120 VAC 60 HZ MUST BE SUPPLIED.

LIGHTING- OWNER/AGENT TO ENSURE AT LEAST 5 FTC OR 54 LUX AMBIENT LIGHTING OVER LIFT AREA.

REMOTE HALL CALL- OWNER/AGENT TO INSTALL THE HALL CALL (WHEN SUPPLIED) AT 42" (1067 mm) FROM LANDING FLOOR.

*ENTRANCES

FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

ENTRANCE ASSEMBLIES- ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE ROUGH OPENING.

RETURN WALLS- RETURN WALLS AT ENTRANCES MUST BE BUILT-IN BY OTHERS AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLY MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

NOTES

NOTE A: CLEAR ENTRANCE SHOWN FOR PAL TYPE DOOR. FOR CONCORD PRO-AUTO OR MANUAL FIRE DOOR THE OPENING IS 35" (REFER TO CONCORD DOOR DRAWINGS)

NOTE B
PAL PRODUCTS CAN BE USED IN NON-PITTED APPLICATIONS. A FIXED RAMP IS REQUIRED IN THESE APPLICATIONS.

NOTE C
REFER TO CONCORD DOOR DRAWINGS FOR DETAILS OF PAL DOORS AND PRO-DOORS. STANDARD FULL HEIGHT GATE SHOWN.

ALL INFORMATION IS SUBJECT TO CHANGE.
PLEASE REFERENCE OUR ON-LINE DRAWINGS AT
www.concordelevator.com FOR THE MOST RECENT UPDATES

DOCUMENT REVISION 001, DATE: 03/02/05

ENCLOSED VERTICAL PLATFORM LIFT
PAL -S, 36" PLATFORM WIDTH
TYPE 1L, US

CUSTOMER:		DATE:	CONCORD
PROJECT:		REVISION DATE:	
LOCATION:		COMPLETED BY:	JOB No. / SHEET No.