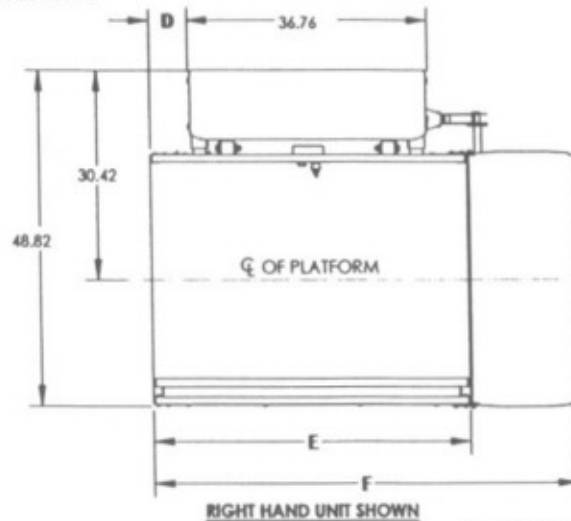


WheelFlyer™ SUBIRA LR™

LOW-RISE VERTICAL WHEELCHAIR LIFT

SPECIFICATION & DIMENSIONS



TECHNICAL DATA/SPECIFICATIONS

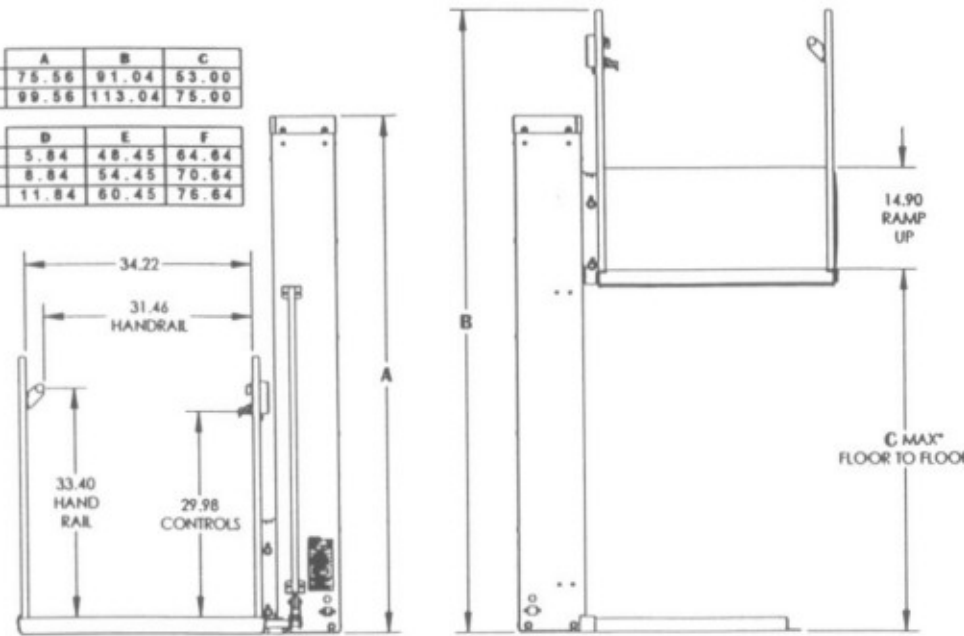
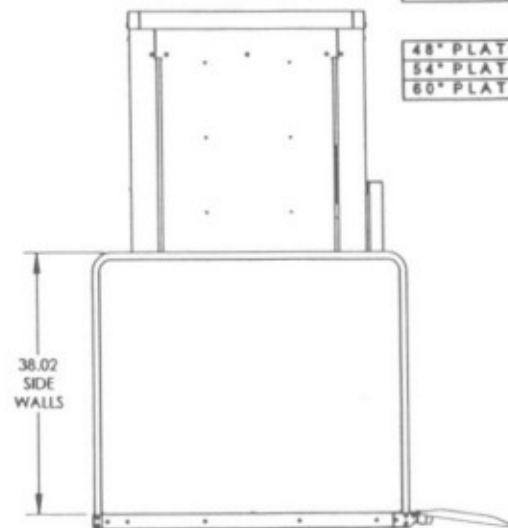
RATED LOAD:	750 lbs maximum.
POWER SOURCE:	110-120 Volt 15 Amp 60 Hz dedicated service.
DRIVE:	1 hp motor; 1750 rpm, single phase, 120 VAC, 1.15 service factor, continuous duty.
INTERMEDIATE REDUCTION:	Dual 4L style Poly-V belts and pulleys, 3.94:1 pulley reduction.
FINAL DRIVE:	1" dia. ACME screw w/bronze nut and bronze safety back up nut
MOTOR CONTROLLER:	24VAC Relay control.
BRAKING:	Precision landing control with solenoid actuated screw braking.
STANDARD CONTROL:	Separate up and down push button switches, continuous operation, key switch control.
EMERGENCY STOP SWITCH:	Red, sealed, 1.55" diameter mushroom head, push to stop, pull to reset.
SPEED:	9 feet per minute maximum.
LIFTING HEIGHT:	Model VPL-3153 has a 53" maximum floor to floor height, Model VPL-3175 has a 75" maximum floor to floor height, and a 28" minimum floor to floor height.

PERFORMANCE STANDARDS

USA FOOD & DRUG ADMINISTRATION:	None
ANSI/ASME:	A18.1-2003 Safety Standards for Platform lifts and Stairway Chairlifts
	CSA B613-00 (JAN 2002) Private Residence Lifts for Persons with Physical Disabilities
ANSI/ASME:	CSA B44.1-04/ASME-A17.5-2004 Elevator and Escalator Electrical Equipment

	A	B	C
VPL-3153	75.56	91.04	53.00
VPL-3175	99.56	113.04	75.00

	D	E	F
48" PLATFORM	5.84	48.45	64.64
54" PLATFORM	8.84	54.45	70.64
60" PLATFORM	11.84	60.45	76.64



*MIN. FLOOR TO FLOOR OF VPL-3175 IS 28"

Model VPL 3100 Series
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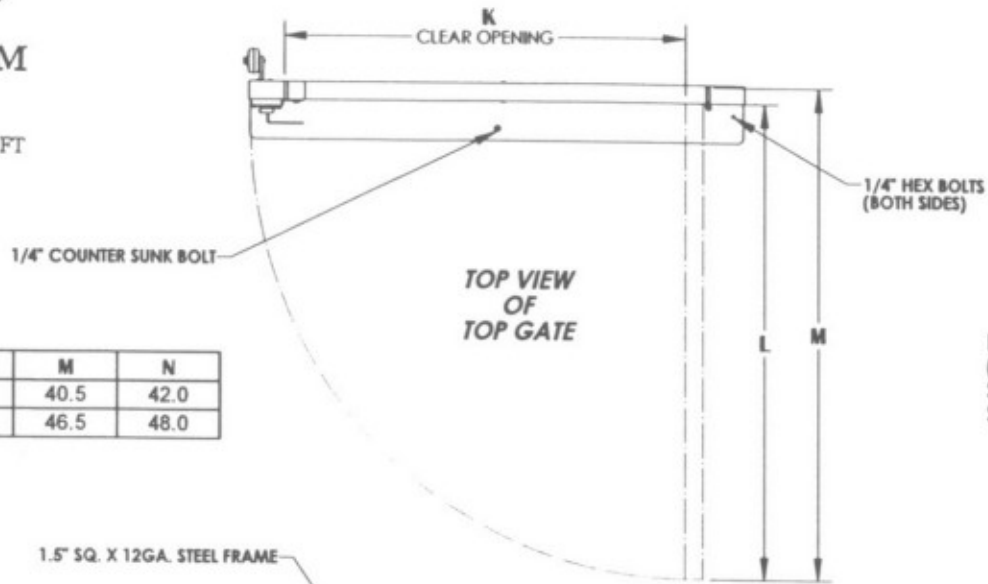
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WheelFlyer™ SUBIRA LR™

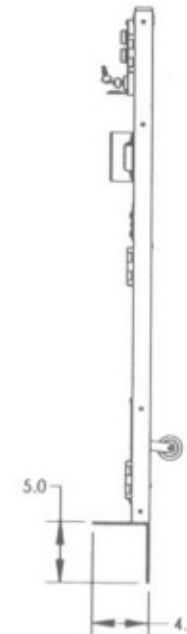
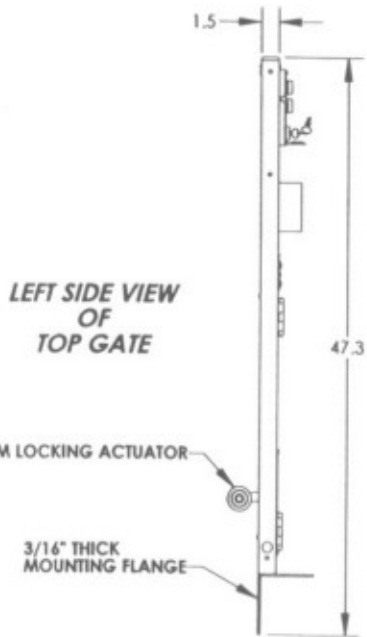
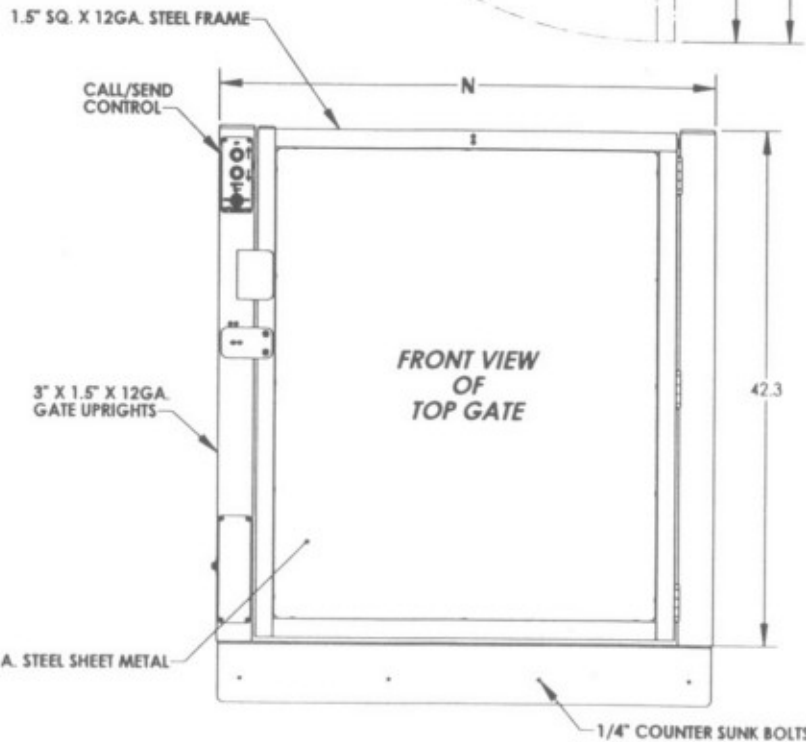
LOW-RISE VERTICAL WHEELCHAIR LIFT

TOP LANDING GATE DIMENSION DETAIL

	K	L	M	N
34" GATE	34.0	38.5	40.5	42.0
40" GATE	40.0	44.5	46.5	48.0



NOTE:
(2) 1.5" X 1.5" X 5" 12GA. CHANNEL
SUPPLIED FOR MOUNTING TO
SUPPORT STRUCTURE.



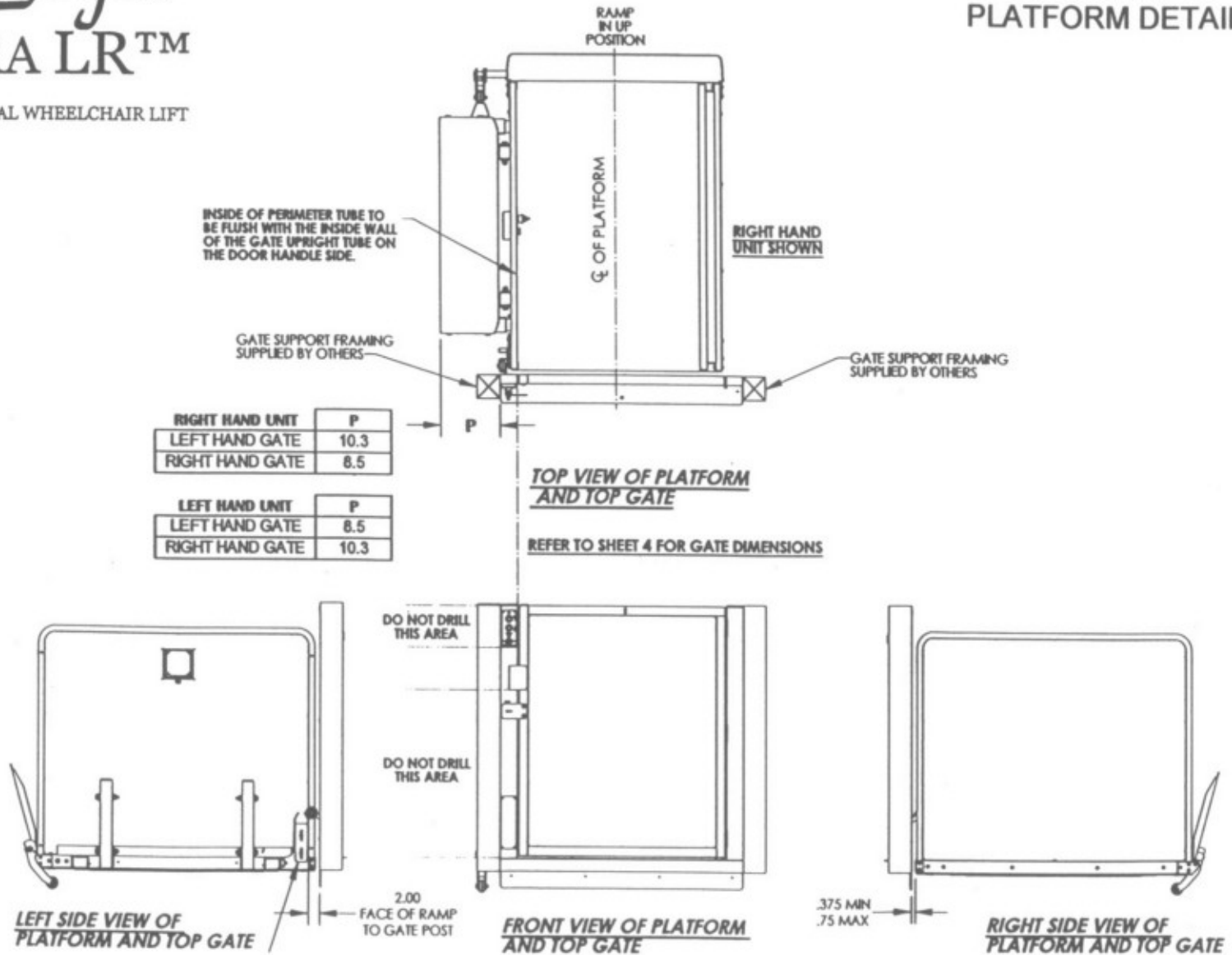
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LOW-RISE VERTICAL WHEELCHAIR LIFT

TOP LANDING GATE ALIGNMENT TO PLATFORM DETAIL



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