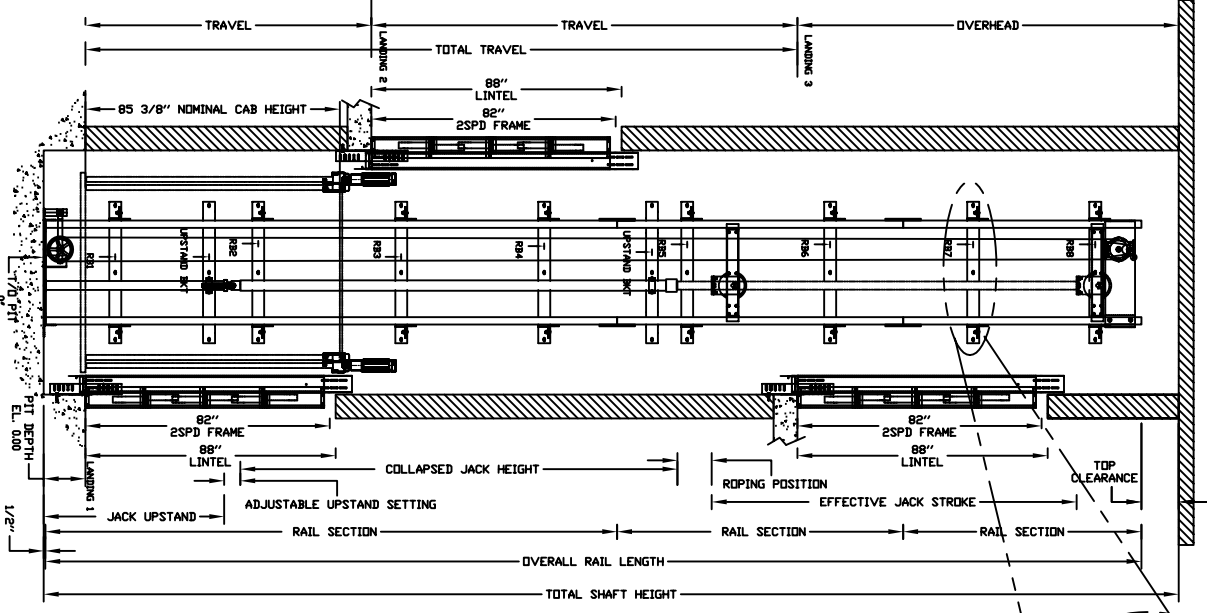
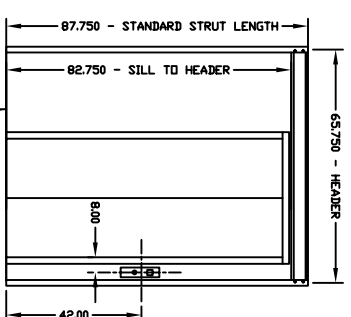
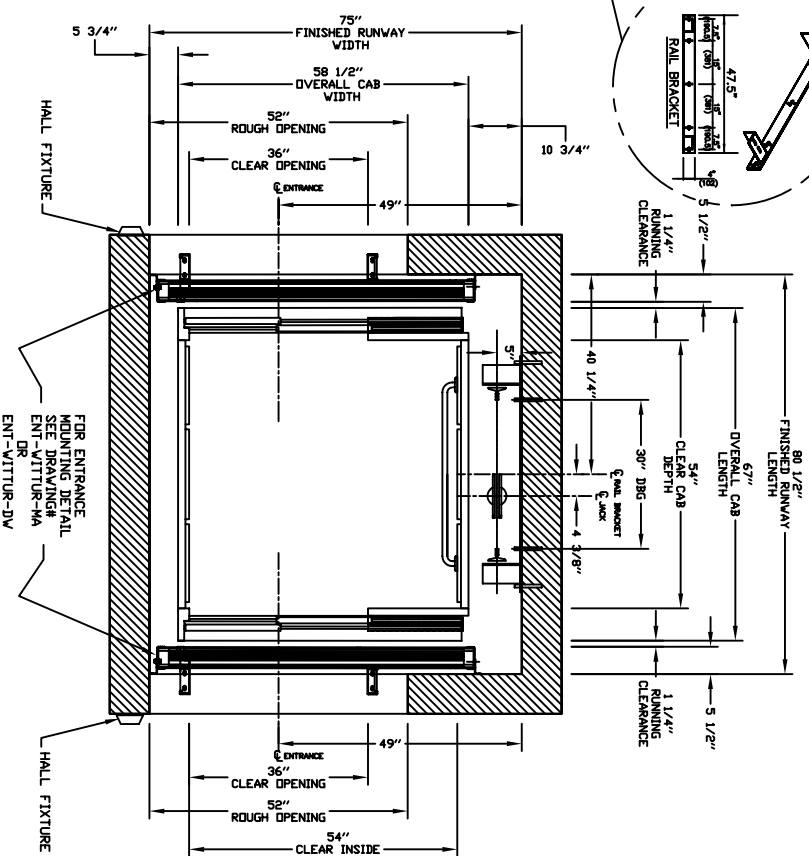


SECTIONAL VIEW - ORION-5454W



PLAN VIEW - ORION-5454W 2 SPEED WITTUR DOORS



RAIL FORCES		R3 NOTE:	
*R1	*R2	PIT FLOOR TO SUPPORT LOAD OF	
		10 kN (2240 lbs) * (INCLUDES IMPACT)	
		R1 MUST BE DOUBLED TO 1440 LBS	
		FOR TOTAL FULL-OUT FORCE ON RAIL BRACKET.	
		RAIL WEIGHT: 60 lbs / ft	

NOTE: A SMOKE DETECTOR IS REQUIRED, WIRING FROM A NORMALLY CLOSED CONTACT AT BOTH THE DESIGNATED RETURN LANDING, SMOKE DETECTORS AND ALTERNATE RETURN LANDING SMOKE DETECTOR SHALL BE PROVIDED TO THE CONTROLLER. A NORMALLY CLOSED CONTACT REPRESENTING ALL OTHER SMOKE DETECTORS MUST BE PROVIDED TO THE CONTROLLER.

PROVISIONS BY OTHERS

***GENERAL** - THE HOISTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS (ASME A17.1 OR B44-2000) AND ALL STATE/PROVINCIAL AND LOCAL CODES.

***ELEVATOR HOISTWAY** - DUE TO CLOSE RUNNING CLEARANCES DIVER/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** - DIVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

***CONSTRUCTION SITE** - DIVER/AGENT TO PROVIDE ALL MASONRY, CONCRETE AND REINFORCING REQUIRED AT ALL MOUNTING AND WELDING POINTS. ALL WELDS SHALL BE FULL PENETRATION WELDS. WELDING SHALL BE PERFORMED BY A WELDER WHO IS QUALIFIED TO WELD THE WELDS TO BE WELDED. ALL WELDS SHALL BE FULL PENETRATION WELDS. WELDS SHALL BE FULL PENETRATION WELDS. WELDS SHALL BE FULL PENETRATION WELDS.

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

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

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

***MACHINE ROOM** - MACHINE ROOM LOCATED AT THE LOWEST LOCATION / ACCESS - MACHINE ROOM SHALL UTILIZE AN THE LEVEL ADJACENT TO HOISTWAY, UNLESS OTHERWISE SHOWN ON THE DRAWINGS. ACCESS TO MACHINE ROOM SHALL BE PROVIDED BY OTHERS. ACCESS TO MACHINE ROOM TO BE THROUGH A SELF CLOSING AND SELF LOCKING DOOR.

***SLEEVES FOR OIL & ELECTRIC LINES** - PROVIDED BY OTHERS, FROM MACHINE ROOM TO HOISTWAY, POSITION PER INSTALLERS INSTRUCTIONS.

INPUT VOLTAGE	DISCONNECT	TIME DELAY	FULL LOAD
(V/PH/Cycle)	SIZE (AMPS)	FUSE (AMPS)	CURRENT (AMPS)
MOTOR INFO	208/3PH/60HZ	30	30
	230/1PH/60HZ	60	50
CAB LIGHTS	115V/PH	15	21

***ELECTRICAL** - (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT POWER SUPPLY - SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BRAKE THE BATTERY FEED OR CIRCUIT BREAKERS WITH A 3-Pole BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE, AS FOLLOWS: (LOCATED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR) PERMANENT POWER - BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.

***LIGHTING** - DIVER/AGENT TO ENSURE AT LEAST 5 FTL OR 54 LUX AMBIENT LIGHTING OVER ELEVATOR AREA.

***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 WALL'S HOISTWAY AND BE FASTENED TO THE FLOOR AND WALL'S HOISTWAY. CONTINUOUS RUNS VOID OF ENTRANCES, ADJUSTABLE SUPPORT AND THE FASCIA MUST BE PROVIDED BY OTHERS.

***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.

PIT / OVERHEAD REQUIREMENTS	
MAX. SPEED (ft/min)	PIT
30	14" ***
*** NOTE: Additional pit equipment required when over 36" deep, consult your local dealer for details	
TOTAL OVERHEAD	
NEW BLDG	EXISTING BLDG
131" (3327)	120" (3048)

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

CONCORD

LU/LA

ORION MODEL 5454W

REV-000