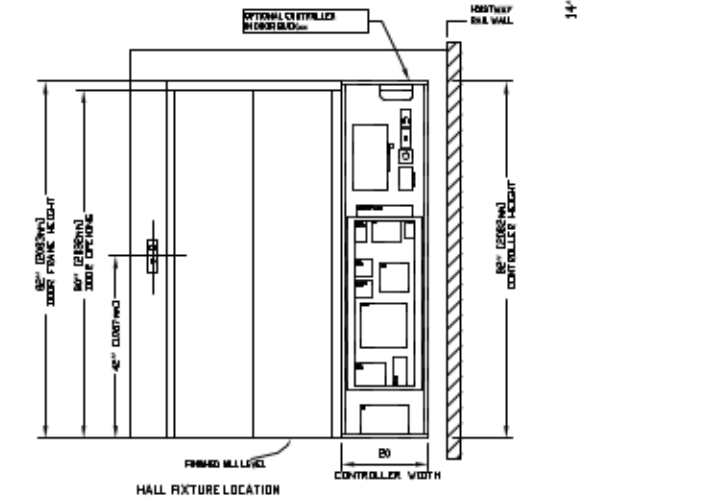
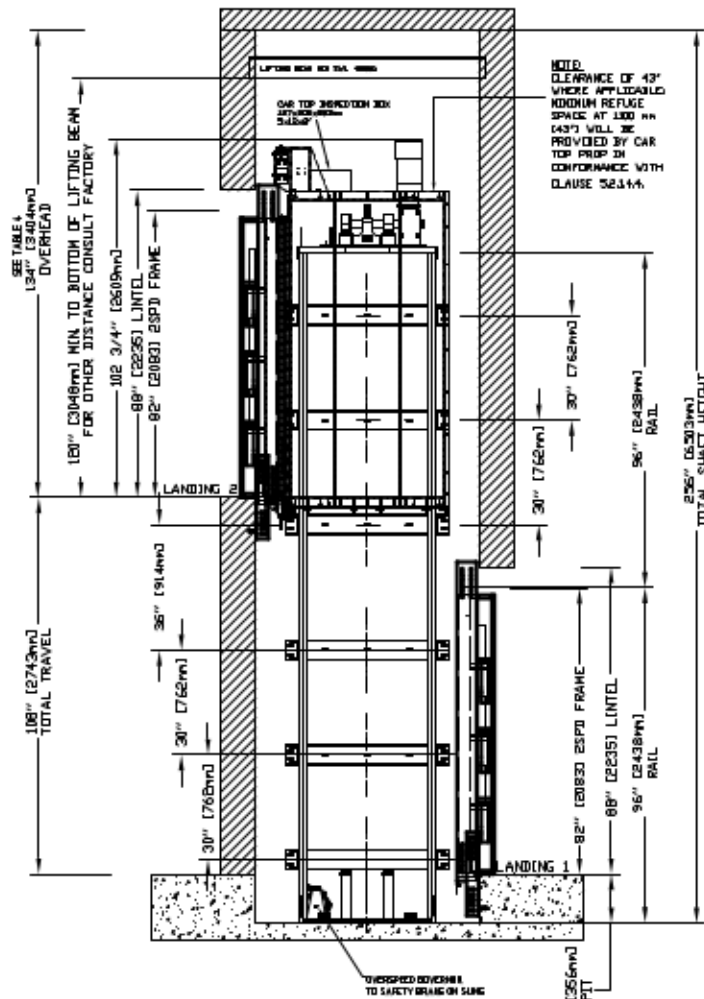
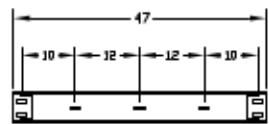
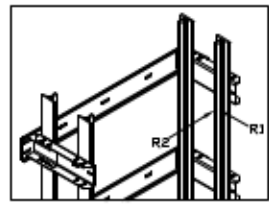
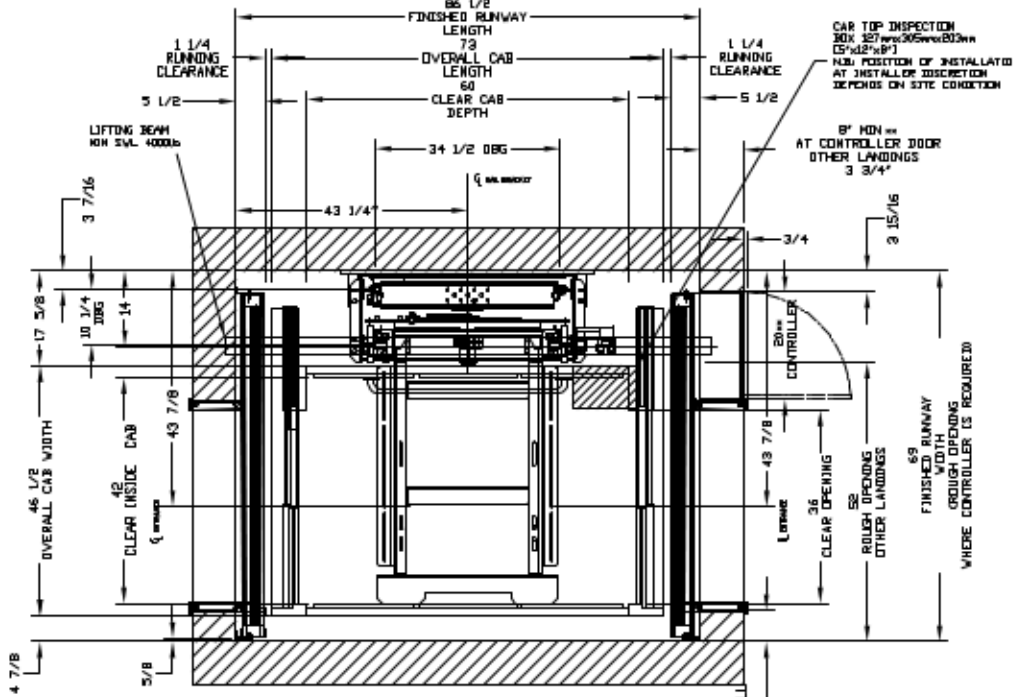


SECTIONAL VIEW - ORION MRL-4260 (2)



PLAN VIEW - ORION MRL-4260 (2) 2 SPEED WITTUR DOORS



RAIL BRACKETS

TABLE 1

RAIL FORCES	
x R1	x R2
932 lbf	260 lbf
RAIL WEIGHT:	14 lb/ft

VERTICAL PULL-OUT FORCES BRACKETS, R1 & R2 - 1000 LBS FOR LOCAL APPLICATION OF PIT LOAD, IN MUST BE DOUBLE. SEE PIT CHANNEL COVER SHEET

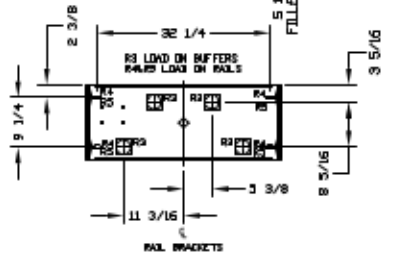


TABLE 2

PIT REACTION FORCE	R1	R2	R3
NO. 8 LBS			
300 LB			
10 LB LBS			

LOADS ON PIT

NOTE A: OPTIONAL DOOR BACK CAB RAILER (OBC) SHOWN FOR REFERENCE. WHERE OBC IS NOT USED A DEDICATED MACHINE ROOM MUST BE PROVIDED BY OTHERS.

NOTE B: WHERE SMOKE DETECTORS ARE 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.

NOTE C: ALL INFORMATION IS SUBJECT TO CHANGE. PLEASE REFERENCE OUR ON-LINE DRAWINGS AT WWW.SAVARIA.COM FOR THE MOST RECENT UPDATES

PROVISIONS BY OTHERS

GENERAL HOISTWAY... THE HOISTWAY MUST BE IN ACCORDANCE WITH "SAFETY CODE FOR ELEVATORS AND ESCALATORS" (ASME A17.1) AND ALL STATE AND LOCAL CODES.

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

HUMAN OVERHEAD CLEARANCE... FINISHES/AGENTS MUST ENSURE HUMAN OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE... OWNER/AGENT TO PROVIDE ALL HARDWARE, CARPENTRY AND OTHER WALL WORK AS REQUIRED AND SHALL PATCH AND FINISH CEILING INCLUDING FINISH PARTING ALL AREAS WHERE WALLS/FLOORS MAY BEING TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

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

STRUCTURAL FLOOR/SUPPORT WALL LOADS... STRUCTURE TO ANCHOR A CRANE, TRAFFIC AND SAFETY HARDWARE, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR 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.

MACHINE ROOM (WHERE REQUIRED) LOCAL BLIND ACCESS... MACHINE ROOM LOCATED AT THE LOWEST LEVEL, IN ACCORD TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWING. PER A DEDICATED MACHINE ROOM MAY BE NECESSARY TO MEET JOB SITE CODES AND/OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

SLACKS FOR CABLES... FROM MACHINE ROOM TO HOISTWAY AS REQUIRED. REFER TO INSTALLATION INSTRUCTIONS.

TABLE 3

MOTOR & EQUIP.	FRONT END	THE DRIVE END	VOLTS	PHASE	R/A
30 AMP	30 AMP	30 AMP	208 volt	Three Phase	208 AMP
30 AMP	30 AMP	30 AMP	230 volt	Two Phase	35.8 AMP
CAB LIGHTS	15 AMP	15 AMP	120 V	Single Phase	

ELECTRICAL CODES... (SEE SPECIFICATIONS) LOCATEABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BREAK 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; AMB SIDE OF MACHINE ROOM DOOR; EXPOSED TO VIEW; DO NOT BE INSTALLATION CAN BE OPEN FOR HANDOUT POWER MUST BE SUPPLIED.

LIGHTING... THE ILLUMINATION SHALL BE NOT LESS THAN 100 LX (10 FD) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINE ROOM SPACES. ENSURE AT LEAST 100 LX (10 FD) AMBIENT LIGHTS OVER LEFT AREA.

PHONE... NEED A DEDICATED PHONE LINE NOT SHARED FOR THE PHONE, WHERE APPLICABLE FOR VIEW PLEASE CONTACT SAVARIA.

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

ENTRANCE ASSEMBLIES... ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND OTHER PDK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE ROOM FOR PDK.

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

NOTE: DIMENSIONS SHOWN ON DRAWING ARE FOR REFERENCE ONLY. MAXIMUM SPACE BETWEEN RAIL BRACKETS NOT TO EXCEED 48".

NOTE 1: REFER TO MANUAL BEFORE ADJUSTING THIS SETTING.

NOTE 2: REPAIR SPACE PROVIDED BY PIT FROM 100" TO 142" IN ACCORDANCE WITH CLAUSE 52.3.1.2.

LIFTING BEAM: A HOISTWAY BEAM MUST BE PROVIDED IN THE OVERHEAD BEAM TO BE FASTENED AS SHOWN IN ELEVATION IN PLAN VIEW. FOR OVERHEAD OF 100" FASTEN THE UNDERSIDE OF BEAM AT 10" & BEAM MUST BE TEMPORARY.

TABLE 4

MAX SPEED (ft/min)	PIT	PIT / OVERHEAD DIMENSIONS	
		TOTAL TRAVEL	MIN OVERHEAD
30	10" min	84" (2134mm)	110" (2793mm)

NOTE: Aditional pit equipment might not be used 34" deep - consult your local dealer for details.

WARNING: TABLES ONLY APPLICABLE FOR SIZING ZONES 0 AND 1. FOR SIZING ZONES OTHER THAN 0 AND 1 PLEASE CONSULT WITH MANUFACTURER FOR ADDITIONAL SPECIFIC REQUIREMENTS.

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