



PLEASE VERIFY WALL THICKNESS AND TYPE AT EACH LANDING		OILDRALIC ELEVATOR CONTRACT DATA	
FLR	THICKNESS	TYPE: FLEETWOOD 21	ELEV #
		SPEED: FPM UP 150 FPM DOWN MAX.	CAPACITY: 2100
		OPERATION:	
		CAR ENCLOSURE:	
		DOOR TYPE: ONE SPEED - LEFT HAND	
		PLATFORM THK: 3/8"	
		FINISHED FLOOR:	
		TELEPHONE:	
		POWER UNIT: HP	
		STARTING: SLOPE	
		JACK MODEL: OVERTRAVEL: TOP BOTTOM	
		PLUNGER G.D.: WALL THK	
		CYLINDER G.D.: WALL THK	
		BOTTOM CAR RUNBY: 8"	
		CAR BUFFER STROKE: 2 1/2"	
		BETWEEN PIT FLR & CAR BOLSTER ON COMPRESSED BUFFER: 2' 4 1/8"	
		BUFFER REACTION (TYP. AT EACH BUFFER):	
		EST. WORKING PRESS:	
		CAR S = 2.02 FORMED S = 4.429 FORMED S = 1.32 FORMED	
		FRAME I = 6.06 CROSSHEAD I = 21.71 BOLSTER I = 1.91 STILE	
		A = 1.15 11GAP2X A = 2.254 75AP2X 3/4" A = 1.015 11GAP2X	
		THE FOLLOWING CONDITIONS MUST BE MET BEFORE INSTALLATION IS COMPLETED, AND ARE NOT INCLUDED IN THE ELEVATOR CONTRACT.	
		1. A PLUMB, PROPERLY VENTILATED HOISTWAY (ACCORDING TO CODE AND SIZES SHOWN).	
		2. ADEQUATE SUPPORT FOR JACK, GUIDE RAIL BRACKETS, AND BUFFERS (FOR REACTIONS SHOWN).	
		3. HOISTWAY BARRICADES AND ALL CUTTING AND PATCHING TO INSTALL HOISTWAY ENTRANCES, BILLS, WALL FIXTURES, OR, AND ELECTRIC LINES.	
		4. PIT LIGHTS AND SWITCH, CONVENIENCE OUTLETS WITH GFCI PROTECTION PER NEC, PIT LADDER PER CAR (ACCORDING TO CODE). NOTE: MUST BE CLEAR OF ALL ELEVATOR EQUIPMENT.	
		5. DEDICATED 120 VOLT, 15 AMP. SERVICE, ALONG WITH TELEPHONE CIRCUIT WHEN REQUIRED, TO TERMINALS OF EACH REQUIRED CONTROLLER (AS LOCATED ON PLAN VIEW) FOR THE FOLLOWING: - CAR LIGHT AND ALARM CIRCUIT WITH GFCI PROTECTION PER NEC. - GROUP CONTROL, WHEN REQUIRED. NOTE: IF STANDBY POWER IS SUPPLIED TO ELEVATOR, CAR LIGHT AND ALARM CIRCUIT AND GROUP CONTROL SERVICE MUST BE STANDBY POWER BACKED.	
		6. BRANCH CIRCUIT CONDUCTOR SIZING, MATERIALS, AND INSULATION (INCLUDING BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE) TO COMPLY WITH ALL LOCAL ELECTRICAL CODES.	
		AMPS STARTING CURRENT WITH A MAX. ALLOWABLE VOLTAGE DROP OF 10%.	
		AMPS FULL LOAD CURRENT WITH A MAX. ALLOWABLE VOLTAGE DROP OF 5%.	
		AMPS STARTING CURRENT WITH A MAX. ALLOWABLE VOLTAGE DROP OF 10%.	
		AMPS FULL LOAD CURRENT WITH A MAX. ALLOWABLE VOLTAGE DROP OF 5%.	
		POWER REQUIREMENTS STATED IN NOTE 6, VERIFIED BY:	
		NOTE: ALSO, A FOURTH WIRE OF SAME SIZE AS THREE PHASE WIRES IS REQUIRED FOR GROUNDING PURPOSES TO MINIMIZE ELECTRICAL NOISE INTERFERENCE. THE GROUNDING WIRE MUST BE CONNECTED TO THE BUILDING ELECTRICAL SYSTEM GROUND. IF BATTERY OPER. LOWERING IS PROVIDED, A MECHANICAL AUX. CONTACT SHALL BE INSTALLED ON THE DISC SW. FOR EA. CAR. THE AUX. CONTACT SHALL BE CONFIGURED AS SPST AT 1A 110VAC MIN. THE AUX. CONTACT SHALL BE OPEN WHEN THE DISC SW. IS IN THE OPEN POSITION. IF A SHUNT TRIP CIRCUIT BREAKER IS PROVIDED, AN AUX. CONTACT SHALL BE INSTALLED ON THE CIRCUIT BREAKER. GEN. CONTRACTOR MUST FORWARD POWER REQUIREMENTS TO ELEC. CONTRACTOR.	
		7. AN ENCLOSED MACHINE AREA (ACCORDING TO CODE), WITH ADEQUATE LIGHT, HEAT, AND VENTILATION (MIN. 50°F - MAX. 90°F. WITH NON-CONDENSING HUMIDITY OF 10-90%), AND SEALED CONCRETE FLOOR SURFACE. NOTE: MUST PROVIDE ADEQUATE DOOR SIZE TO ALLOW INSTALLATION OF EQUIPMENT, OR LEAVE WALL OUTL. EQUIPMENT IS PLACE.	
		8. ENTRANCE WALL WITH LINTELS MUST BE PROVIDED AFTER ENTRANCE FRAMES ARE SET OR LEAVE A ROUGH OPENING 15" WIDER AND 15" HIGHER THAN THE FRAME OPENING. SEE INSTALLATION PROCEDURES FOR FRAME-TO-WALL INTERFACE DETAILS AS SHOWN OR LOCATED BY ELEVATOR CONTRACTOR.	
		9. POCKETS IN CORRIDOR WALL (PER FUTURE DRAWINGS) FOR HALL FIXTURES. NOTE: MUST BE LOCATED AS DIRECTED BY ELEVATOR CONTRACTOR.	
		10. SMOKE SENSORS (AS REQUIRED).	
		11. CONDUIT AND WIRING FROM HOISTWAY TO ELEVATOR MONITORING PANELS (FOR SECURITY, LIFE, SAFETY, OR FIRE REQUIREMENTS).	
		12. PIPE SLEEVES, TRENCHING, AND BACK FILLING FOR OIL AND CONDUIT LINES AS SHOWN OR LOCATED BY ELEVATOR CONTRACTOR.	
		13. A SQUARE HOLE IN PIT FLOOR FOR SETTING OF JACK AND FILL WITH CONCRETE AFTER JACK IS SET.	
		CAR STATION:	
		CAR RIDING LANTERN:	
		RAIL FORCES	
		F1 F2	
		269 LBS. 180 LBS.	
		OMEGA RAILS	
		DATE SYM REVISION BY CHKD.	
		DESIGNED PER ASME A17.1 DO NOT SCALE THIS DRAWING	
		FOR: ELEV #	
		ADDRESS:	
		CITY:	
		ARCHITECT:	
		GENERAL CONTRACTOR:	
		ELEVATOR CONTRACTOR:	
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		DRAWN DATE CHKD BRANCH JOB NUMBER DRAWING NO. REV. SHEET NO.	
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