



OILRAULIC ELEVATOR CONTRACT DATA																																																											
PLEASE VERIFY WALL THICKNESS AND TYPE AT EACH LANDING					TYPE: MARQUIS 25 - PLAN II					ELEV #																																																	
FLR					THICKNESS					WALL TYPE																																																	
OPERATION										SPEED: FPM UP 150 FPM DOWN MAX.										CAPACITY: 2500																																							
CAR ENCLOSURE:										DOOR TYPE: ONE SPEED - CENTER OPENING										FINISHED FLOOR:																																							
TELEPHONE:										POWER UNIT:										PIT LADDER:																																							
STARTING:										SLOPE:										SLOPE:																																							
JACK MODEL:										OVERTRAVEL:										TOP BOTTOM																																							
PLUNGER G.D.:										WALL THK:										NET AREA																																							
CYLINDER G.D.:										CAR BUFFER STROKE: 2' 10"										BETWEEN PIT FLR. & CAR BOLSTER ON COMPRESSED BUFFER: 2' 4' 10"																																							
EST. WORKING PRESS:										CAR										S = 2.19 FORMED										S = 5.429 FORMED										S = 1.132 FORMED																			
FRAME										1 = 8.55 CROSSHEAD										1 = 21.71 BOLSTER										1 = 1.91 STILE																													
A = 1.21										11GA#2 1/4"										A = 2.264										75GA#2 3/4"										A = 3.019										1-100GA									
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 RATED 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 SA. 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 IN PLACE.																																																											
8. ENTRANCE WALL WITH UNLETS 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 TO ENSURE CONFORMANCE WITH THE LABELED ENTRANCE INTERFACE CONSTRUCTION.																																																											
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/OR 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																																																											
376 LBS.																																																											
240 LBS.																																																											
OMEGA RAILS																																																											
DATE																																																											
SYM																																																											
REVISION																																																											
BY																																																											
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FOR:																																																											
ADDRESS:																																																											
CITY:																																																											
ARCHITECT:																																																											
GENERAL CONTRACTOR:																																																											
ELEVATOR CONTRACTOR:																																																											
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