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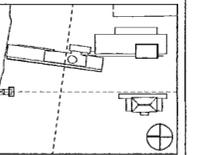
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100% Construction Documents 09/27/02
80% Progress Printing 08/30/02
CD PROGRESS PRINTING 07/01/02
100% BS&T & GRID FLR 06/14/02
STRUCTURAL ISSUE
100% DD SUBMISSION 03/01/02

Issue Date



Job No. 9908
Scale 1/4" = 1'-0"
Date September 27, 2002
Title

ELEVATOR LAYOUT

Sheet No. **A522**

INDICATES WORK TYPICALLY NOT INCLUDED IN THE ELEVATOR SCOPE OF WORK

FOR OFFICIAL USE ONLY

ELEVATOR SUMMARY **

ELEVATOR NO.	P1 AND P2	F3	S4	F5	F6	F7
BRIEF SCOPE	TRACTION / DUPLEX	HYDROCONVENTIONAL	HYDROCONVENTIONAL	HYDROCONVENTIONAL	HYDROCONVENTIONAL	HYDRO HOLESSE
TYPE	PASSENGER	FREIGHT	PASSENGER/SERVICE	FREIGHT	PASSENGER	PASSENGER
CAPACITY	3000 LBS	6000 LBS / CLASS C-3	4000 LBS / CLASS A	6000 LBS / CLASS C-3	3000 LBS / CLASS A	2000 LBS
SPEED	350 FPM	150 FPM	100 FPM	100 FPM	150 FPM	100 FPM
FLOORS SERVED	B, G, LML, UML, EXEC LVL (ALL FRONT OPENINGS)	B, G, 2, LML, UML (ALL FRONT OPENINGS)	B, G FRONT @ B, SIDE @ G	B, G (ALL FRONT OPENINGS)	B, G, 2, 3 FRONT @ B REAR @ G, 2, 3	LML, UML (ALL FRONT OPENINGS)
TRAVEL	78' 1"	88' 3 3/4"	18' 0"	18' 0"	41' 0"	17' 9 3/4"
CAB	(ALLOWANCE \$25,000 EACH)	FREIGHT TYPE	STAINLESS STEEL	FREIGHT TYPE	(ALLOWANCE \$15,000)	(ALLOWANCE \$20,000)
OPERATION CONTROL	DUPLEX SELECT COIL	DUPLEX SELECT COIL	TWO STOP COLLECTIVE	TWO STOP COLLECTIVE	DUPLEX SELECT COIL	TWO STOP COLLECTIVE
GUIDE SHOES	ROLLER TYPE	SLIDE SHOES	SLIDE SHOES	SLIDE SHOES	SLIDE SHOES	SLIDE SHOES
CAR/WT BUFFERS	OIL	SPRING	SPRING	SPRING	SPRING	SPRING
ENTRANCE TYPE	PASSENGER TYPE	FREIGHT	PASSENGER TYPE	FREIGHT	PASSENGER TYPE	PASSENGER TYPE
DOOR OPERATION	CENTER OPENING	POWER B-PARTING	SLIDE SLIDING	POWER B-PARTING	SLIDE SLIDING	SLIDE SLIDING

** REFER TO SPECIFICATIONS & ARCHITECTURAL DRAWINGS FOR DETAILS

POWER AND VENTILATION DATA

ELEVATOR NO.	TRACTION ELEVATORS		HYDRAULIC ELEVATORS			
	P1 & 2	F3	S4	F5	F6	F7
CAPACITY (LBS)	3,000	6,000	4,000	6,000	3,000	2,000
SPEED (FEET/MINUTE)	350	150	100	100	150	100
ESTIMATED CAR WEIGHT (LBS)	2,500	3,500	2,000	3,500	2,000	1,500
ESTIMATED TOTAL CAR WEIGHT (LBS)	5,000	6,000	4,000	6,000	4,000	3,000
ESTIMATED COUNTERWEIGHT (LBS)	6,000	14,000	9,000	13,000	8,000	6,400
ESTIMATED HORSEPOWER (hp) ELEVATOR	30	75	40	80	50	30
ESTIMATED HEAT EMISSIONS IN BTUS PER HOUR (hp) ELEVATOR	15,000	34,000	17,000	26,000	20,000	15,000
EST FULL LOAD RUNNING AMP/480V (hp) ELEVATOR	66/115	110/220	60/120	70/170	60/140	49/90
EST FULL LOAD ACCELERATING AMP/480V (hp) ELEVATOR	115/250	200/600*	100/300*	220/300*	90/420*	120/270*

* WITH SOLID STATE REDUCED VOLTAGE STARTING BY THE ELEVATOR CONTRACTOR
SEE RELATED WORK DOCUMENT FOR ADDITIONAL REQUIREMENTS

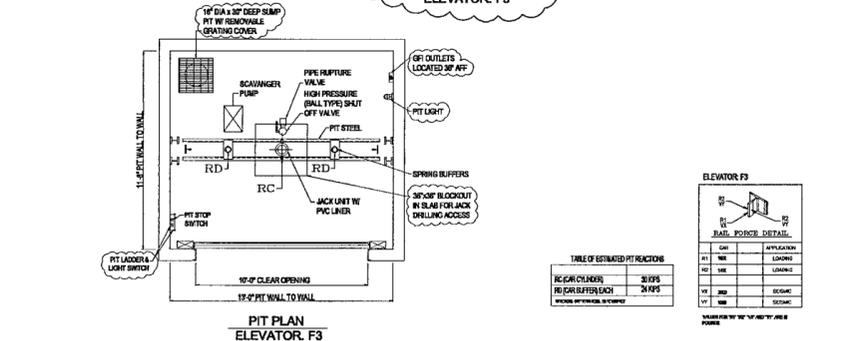
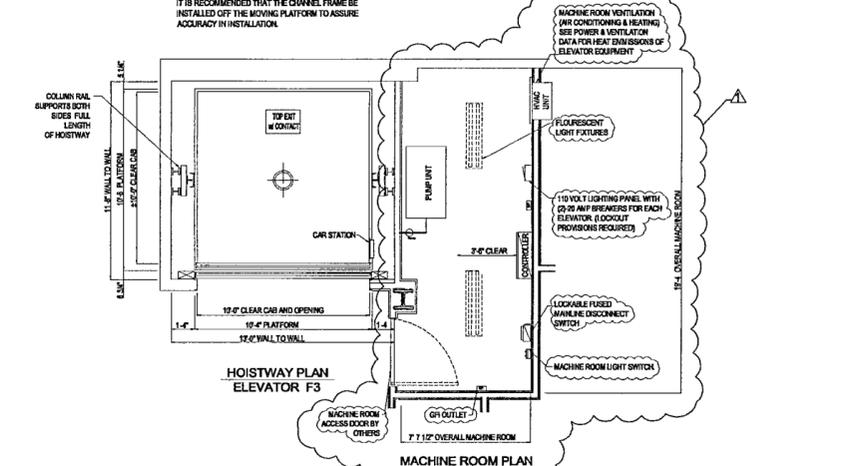
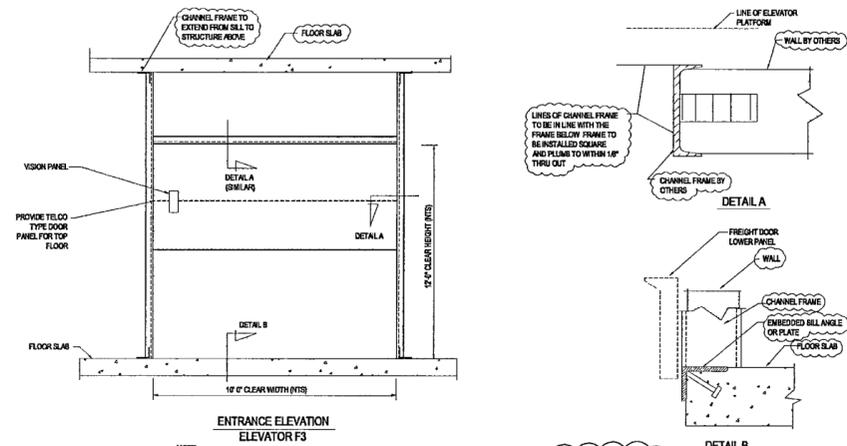


TABLE OF ESTIMATED PIT REACTIONS

NO. CAR BUFFERS	20 PPS
NO. CAR BUFFERS EACH	20 PPS

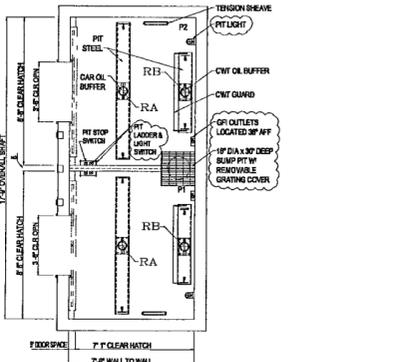
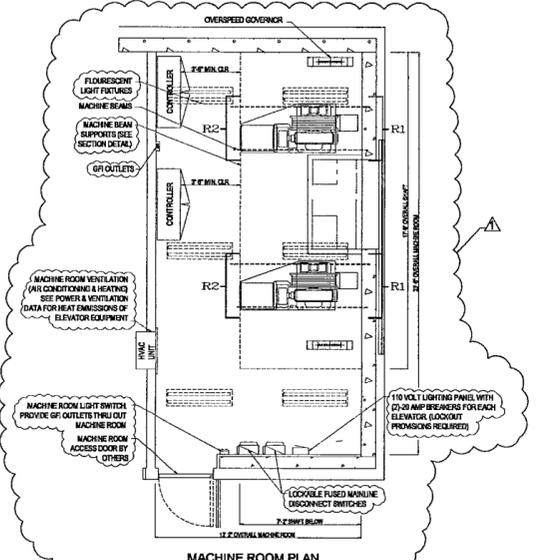
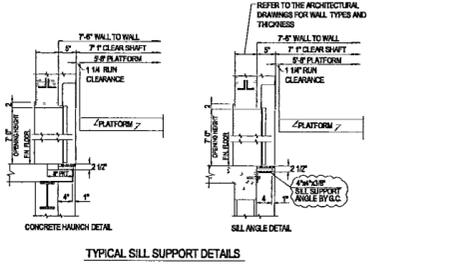
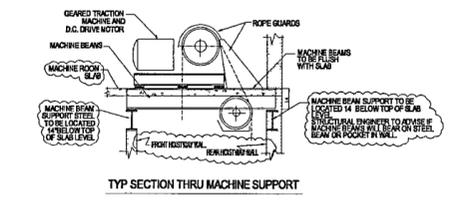
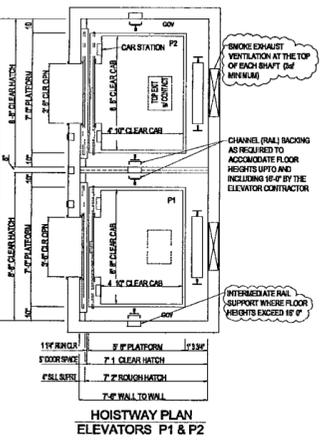
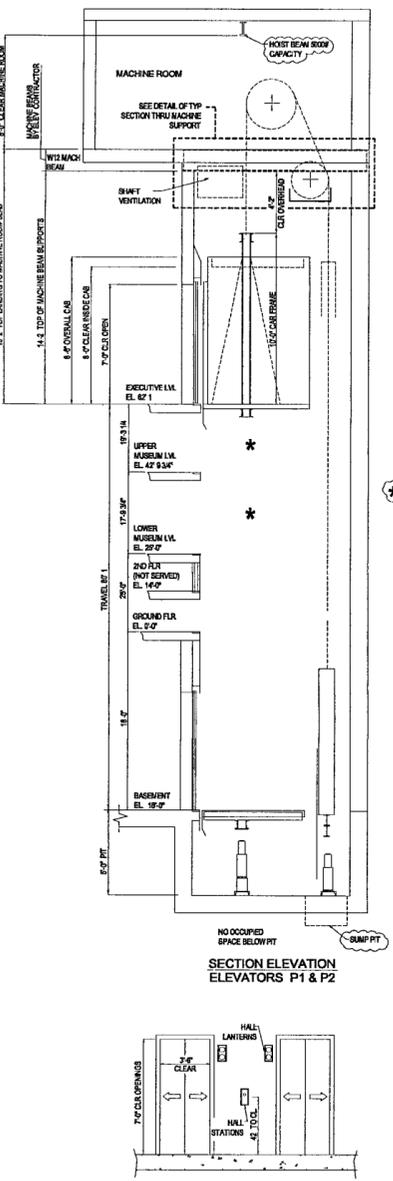
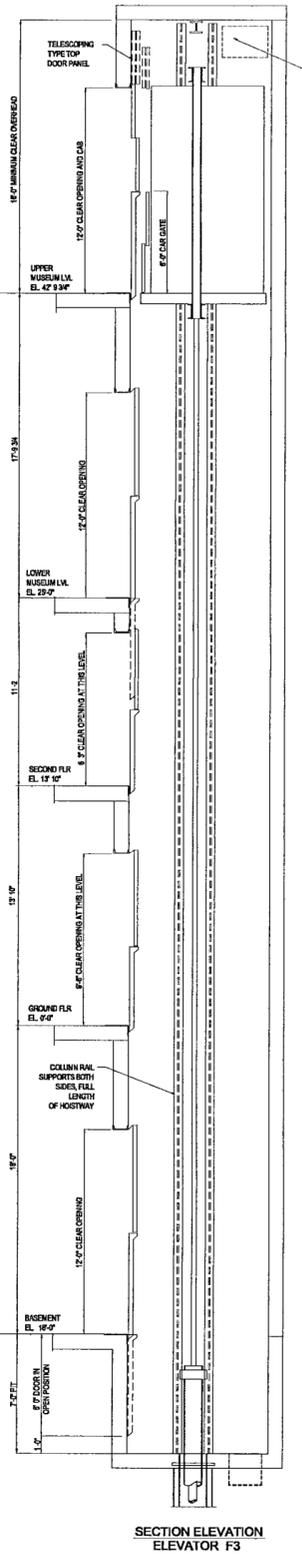
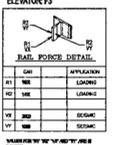


TABLE OF ESTIMATED PIT REACTIONS

NO. CAR BUFFERS	20 PPS
NO. CAR BUFFERS EACH <td>20 PPS</td>	20 PPS

PASSENGER ELEVATORS P1 AND P2
3,000 LB. CAPACITY @ 350 F.P.M.
OVERHEAD TRACTION ELEVATORS

FREIGHT ELEVATOR F3
6,000 LB. CAPACITY @ 150 F.P.M.
CONVENTIONAL HYDRAULIC ELEVATOR