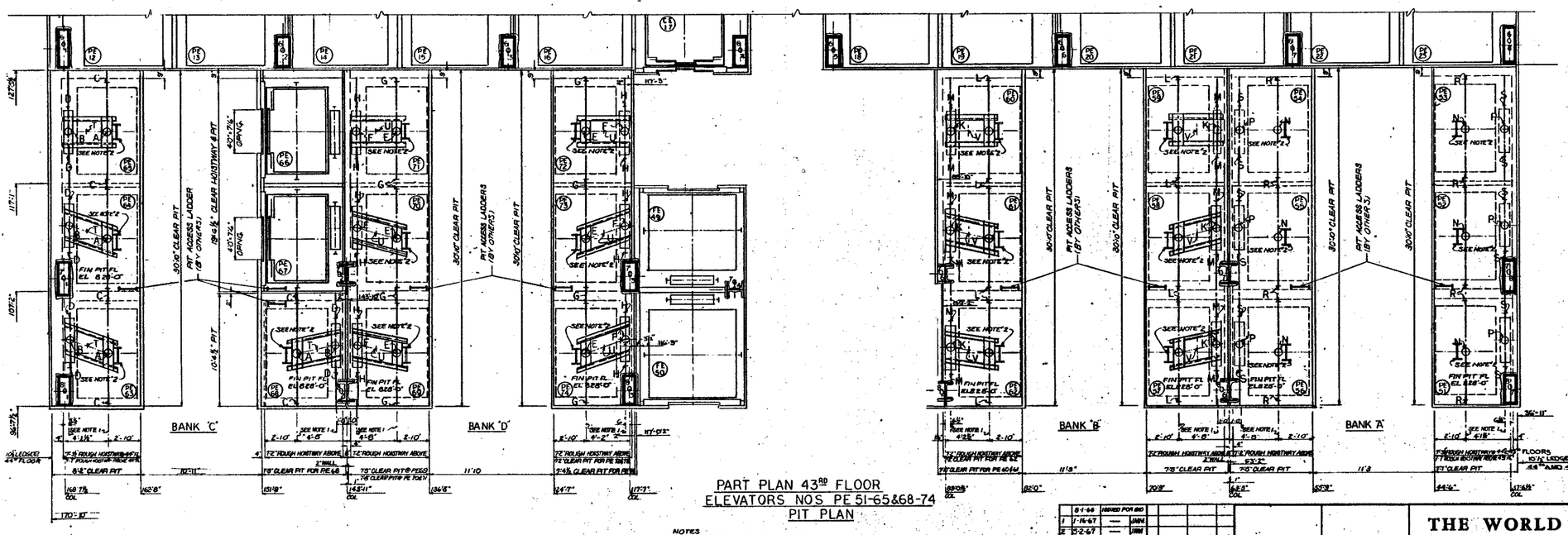


PART PLAN 42ND FLOOR
ELEVATORS NOS PE 66 & 67
PIT PLAN



PART PLAN 43RD FLOOR
ELEVATORS NOS PE 51-65&68-74
PIT PLAN

PIT REACTIONS

CAR BUFFER IMPACT	A-46.8*	E-48.4*	J-48.7*	N-48.3*
CWT BUFFER IMPACT	B-51.8*	F-52.1*	K-51.4*	P-51.0*
CAR RAIL IMPACT	C-27.0*	G-27.6*	L-26.7*	R-26.3*
CWT RAIL IMPACT	D-23.7*	H-23.9*	M-23.3*	S-23.0*
UP-PULL	T-21.2*	U-22.0	V-20.0*	

1-CAR RAILS, CAR BUFFERS, COUNTERWEIGHT RAILS, & COUNTERWEIGHT BUFFERS ACT INDEPENDENTLY OF EACH OTHER. ADJACENT ELEVATORS ACT INDEPENDENTLY OF EACH OTHER.
2-CAR OR COUNTERWEIGHT RAIL IMPACTS OCCUR SIMULTANEOUSLY WITH TIE DOWN COMPENSATION UP-PULL.

NOTES
1) SUPPORT BEAMS MIN 8" WIDE FLANGE (BY OTHERS)
2) BUFFER STEEL RUNS (ADDERS (BY OTHERS LOCATED AS DIRECTED BY ELEVATOR MANUFACTURER)

NO.	DATE	REVISIONS	BY
	8-1-66	ISSUED FOR BID	
1	1-16-67	—	JMH
2	5-2-67	—	JMH
3	5-22-67	—	RSC

APPROVED
CHIEF, PLANNING DIVISION
DATE

THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

TITLE: ZONE II - PIT PLAN
BANKS A, B, C & D

DRAWN	R.S.C.	CHECKED	C.L.K.
SCALE	1/8"-1'-0"	DATE	7-15-66
PROJECT NUMBER		SHEET	OF
DRAWING NUMBER	L-A-6		