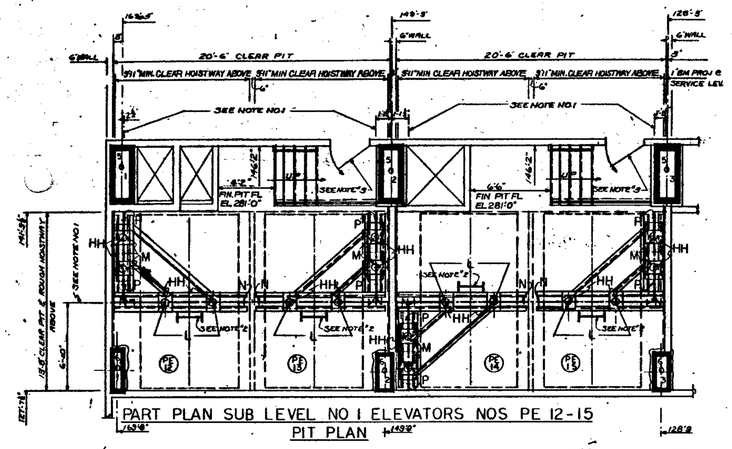
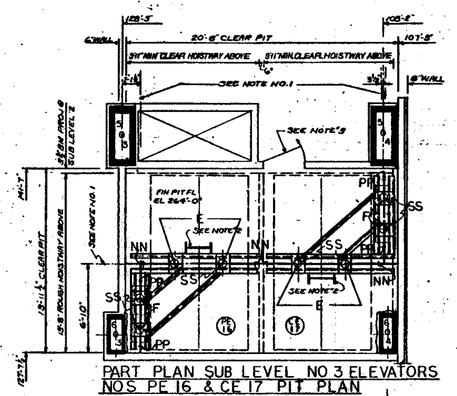
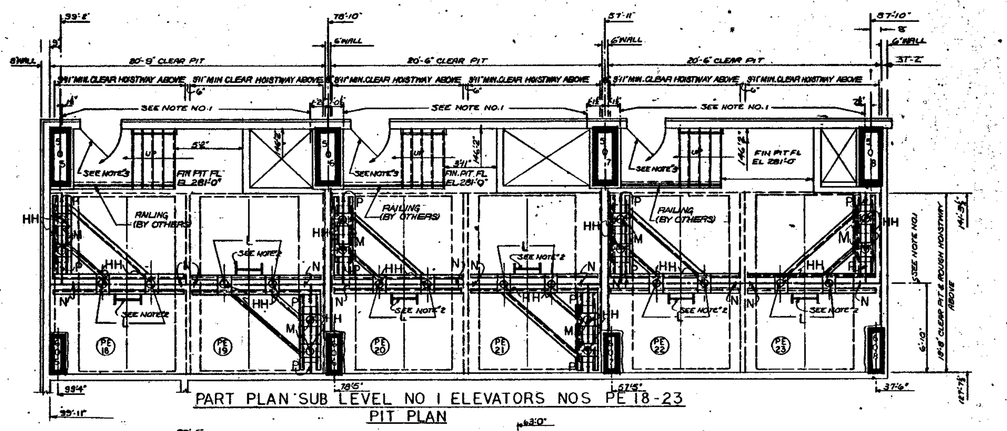


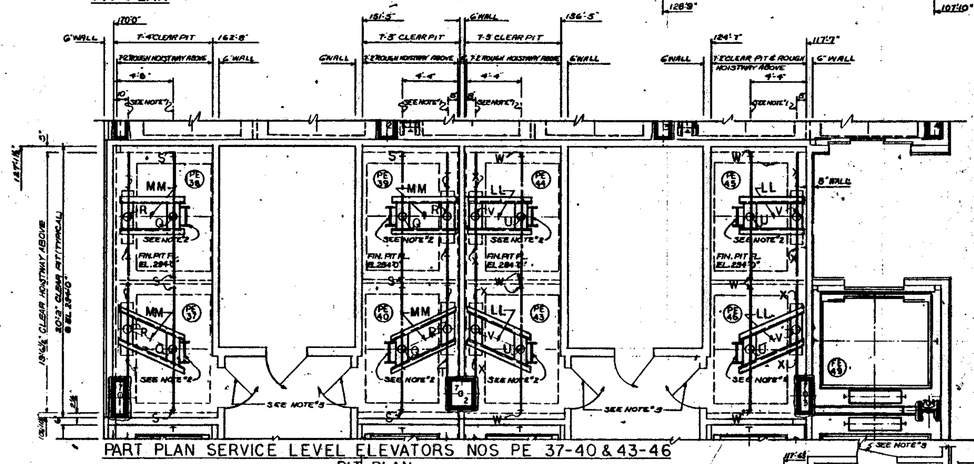
PART PLAN SUB LEVEL NO 1 ELEVATORS NOS PE 12-15
PIT PLAN



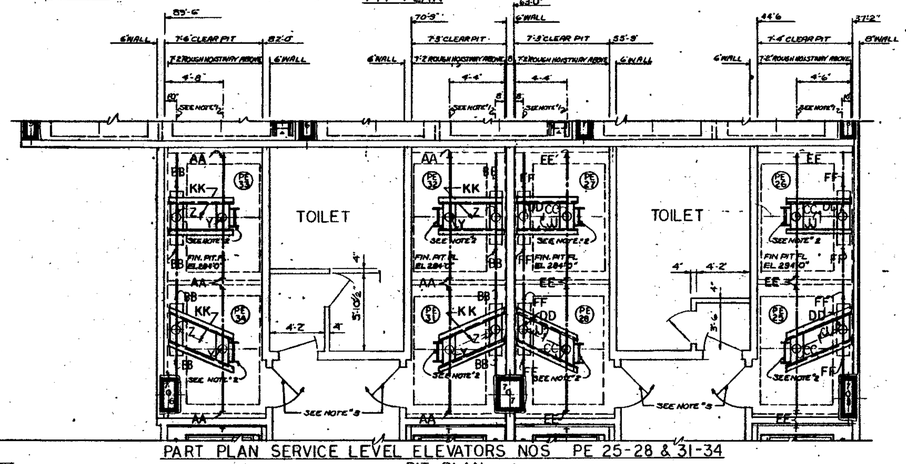
PART PLAN SUB LEVEL NO 3 ELEVATORS
NOS PE 16 & CE 17 PIT PLAN



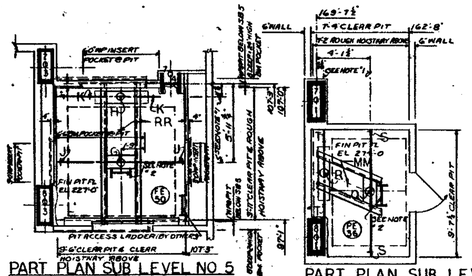
PART PLAN SUB LEVEL NO 1 ELEVATORS NOS PE 18-23
PIT PLAN



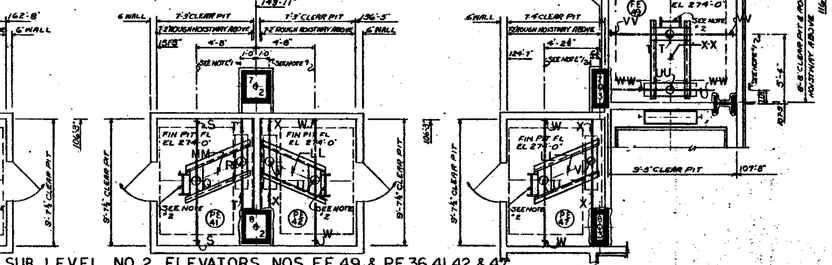
PART PLAN SERVICE LEVEL ELEVATORS NOS PE 37-40 & 43-46
PIT PLAN



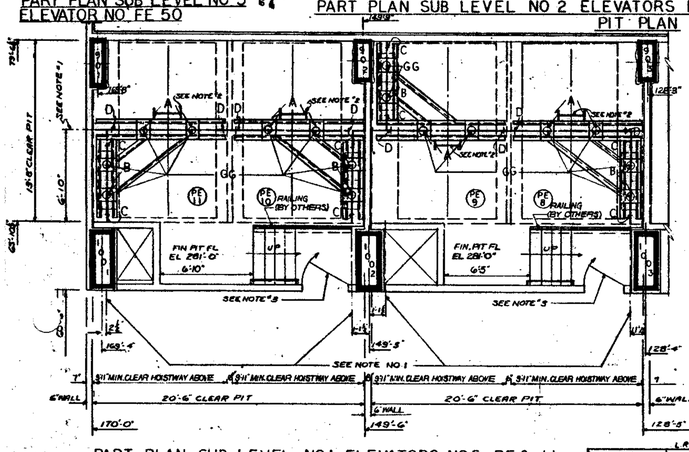
PART PLAN SERVICE LEVEL ELEVATORS NOS PE 25-28 & 31-34
PIT PLAN



PART PLAN SUB LEVEL NO 5
ELEVATOR NO. FE 50



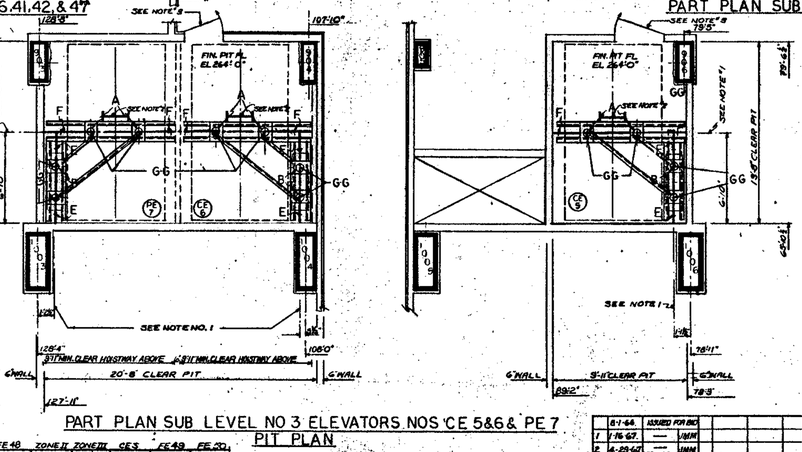
PART PLAN SUB LEVEL NO 2 ELEVATORS NOS FE 49 & PE 36, 41, 42, & 47
PIT PLAN



PART PLAN SUB LEVEL NO 1 ELEVATORS NOS PE 8-11
PIT PLAN

	LR	PIT REACTIONS LIR.	HR.	FE 48	ZONE II	ZONE III	CE 5	FE 49	FE 50
CAR BUFFER IMPACT	CC-50°	Y-52.0'	Q-54.0'	U-56.0'	G-31.0°	A-45.5°	L-45.6°	C-46.6°	TT-62.3°	G-80.8°
CAR RAIL IMPACT	CE-24.4°	AA-25.2°	S-25.0'	N-27.0'	J-32.1°	D-54.0°	N-43.0°	NN-43.5°	VV-38.0°	U-47.0°
COUNTERWEIGHT BUFFER IMPACT	DD-49.5°	Z-52.0'	R-54.3°	V-57.0'	H-55.0°	B-44.8°	M-46.8°	F-47.9°	UU-53.0°	H-80.0°
COUNTERWEIGHT RAIL IMPACT	FF-26.0°	BB-20.1°	P-21.7°	K-22.8°	K-28.8°	C-42.8°	P-50.8	FF-50.8°	WW-30.4°	K-80.0°
UP-PULL	JJ-21.6°	KK-20.0°	MM-23.7°	LL-24.8°	RR-38.6°	GG-37.6°	MM-29.0°	SS-29.9°	XX-55.2°	RR-35.0°

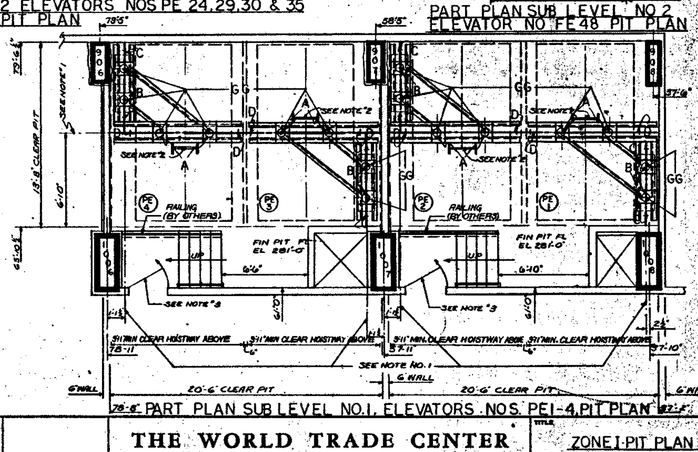
CAR RAILS, CAR BUFFERS, CWT RAILS & CWT BUFFERS ACT INDEPENDENTLY OF EACH OTHER REGARDLESS OF ELEVATORS ACT INDEPENDENTLY OF EACH OTHER, CAR OR CWT RAIL IMPACTS OCCUR SIMULTANEOUSLY WITH TIE RODS COMPRESSION UP-PULL



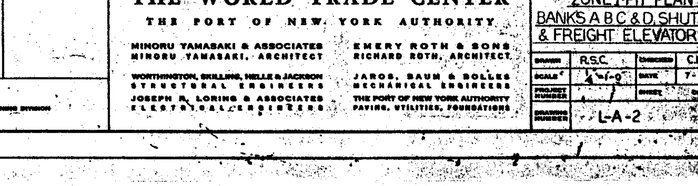
PART PLAN SUB LEVEL NO 3 ELEVATORS NOS CE 5&6 & PE 7
PIT PLAN

NOTES
1) SUPPORT BEAMS MIN 8" WIDE FLANGE-BY OTHERS
2) BUFFER STEEL RUNS, LOCATIONS BY OWNERS LOCATED AS DIRECTED BY ELEVATOR MANUFACTURER
3) ALL PIT DOORS ARE TO BE 3'-0"x7'-0 (BY OTHERS)

PART PLAN SUB LEVEL NO 2 ELEVATORS NOS PE 24, 29, 30 & 35
PIT PLAN



PART PLAN SUB LEVEL NO 2
ELEVATOR NO. FE 48 PIT PLAN



PART PLAN SUB LEVEL NO.1, ELEVATORS NOS. PE1-4, PIT PLAN

NO.	DATE	SUB. NO.	BY
	8-1-66	ISSUED FOR BID	
1	1-15-67	—	MM
2	4-25-67	—	MM

REVISIONS

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 I-PIT PLAN
BANKS A B C & D, SHUTTLE & FREIGHT ELEVATORS

DRAWN	R.S.C.	CONSIDERED	C.L.K.
SCALE	1/4"=1'-0"	DATE	7-15-66
PROJECT NUMBER		SHEET	OF
DRAWING NUMBER	L-A-2		