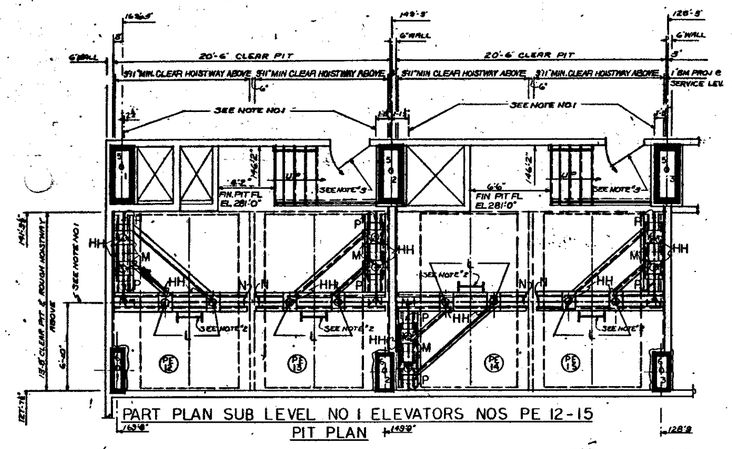
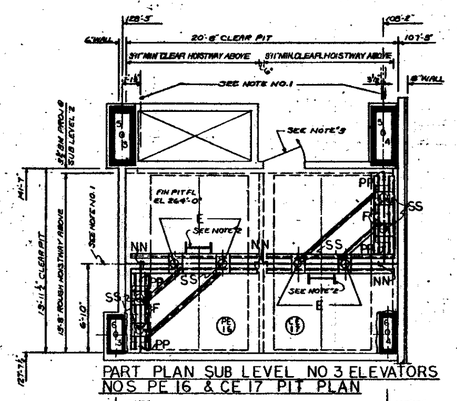
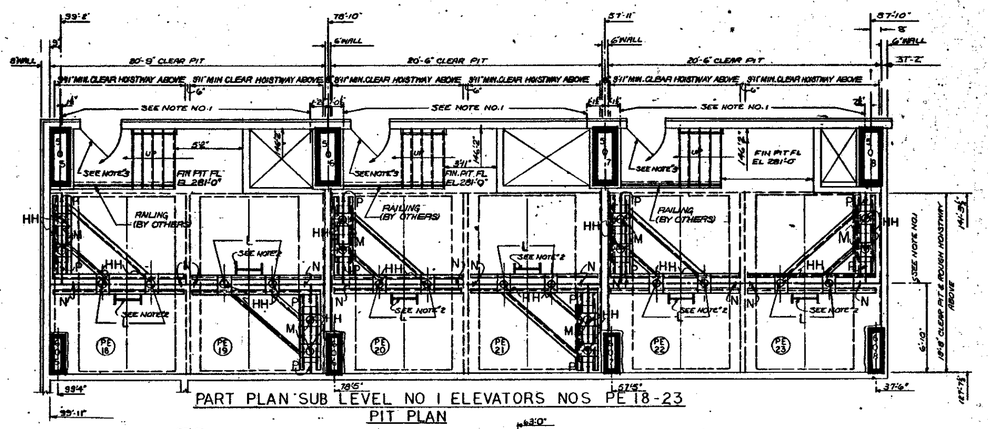


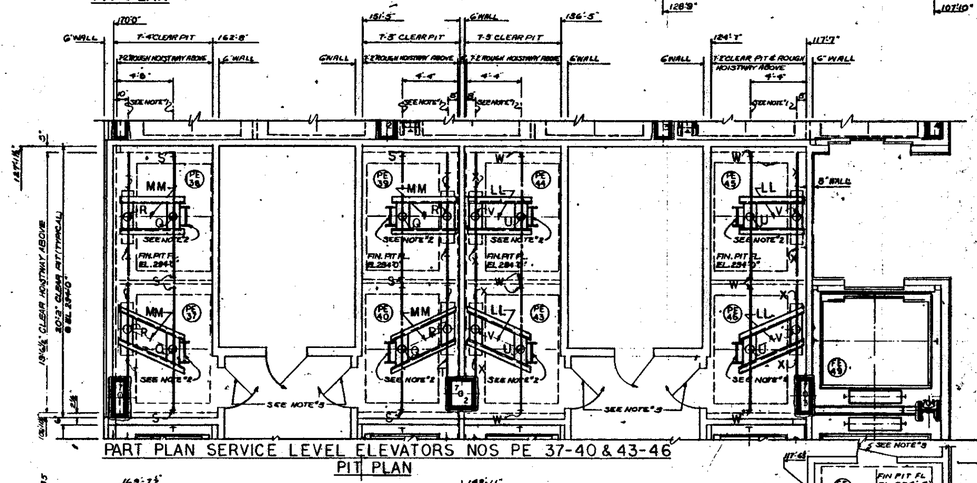
PART PLAN SUB LEVEL NO 1 ELEVATORS NOS PE 12-15
PIT PLAN



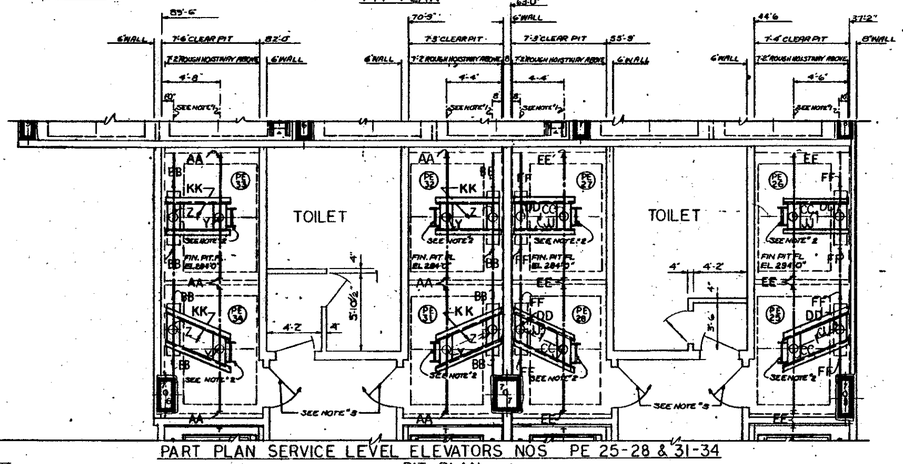
PART PLAN SUB LEVEL NO 3 ELEVATORS
NOS PE 16 & CE 17 PIT PLAN



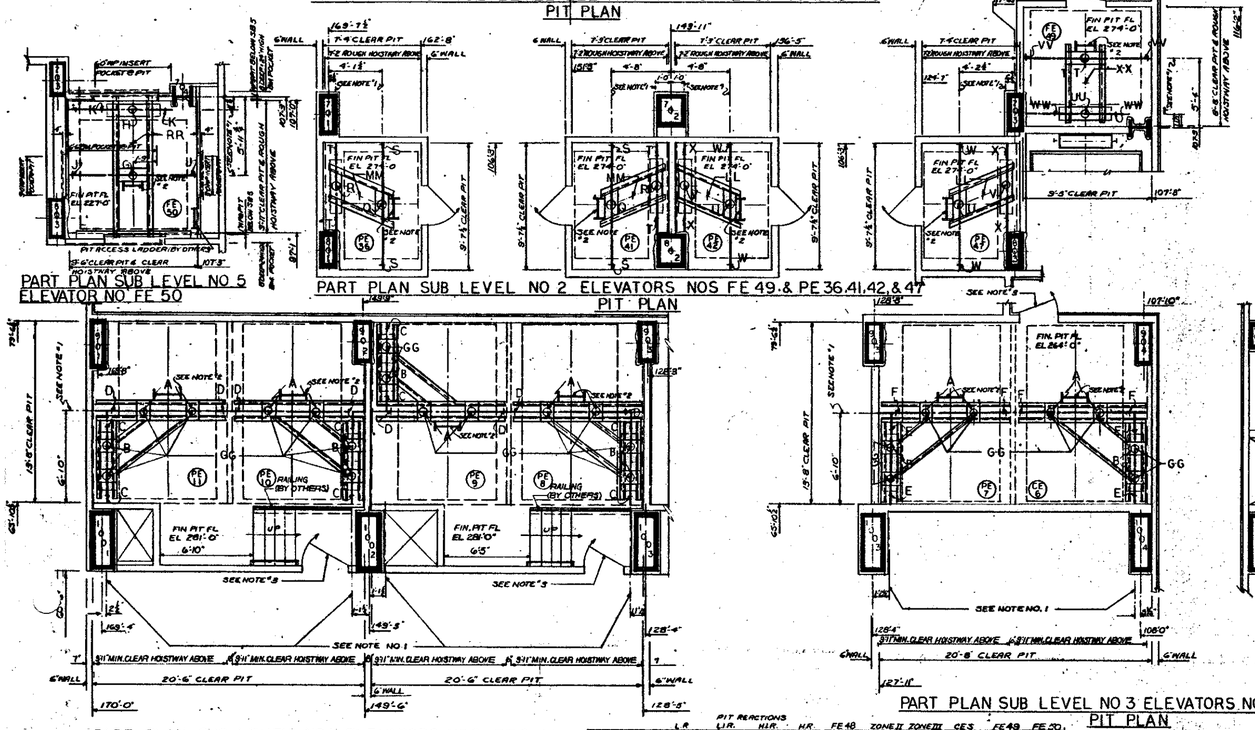
PART PLAN SUB LEVEL NO 1 ELEVATORS NOS PE 18-23
PIT PLAN



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



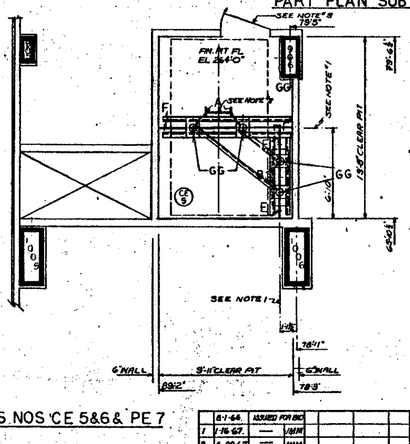
PART PLAN SERVICE LEVEL ELEVATORS NOS PE 25-28 & 31-34
PIT PLAN



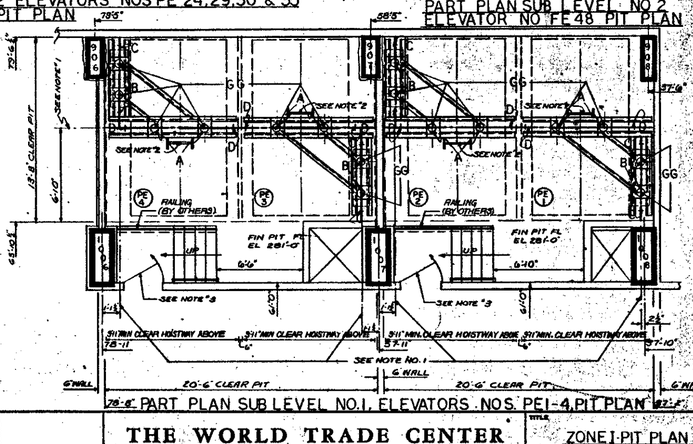
PART PLAN SUB LEVEL NO 2 ELEVATORS NOS FE 49 & PE 36,41,42, & 47
PIT PLAN

PART PLAN SUB LEVEL NO 5
ELEVATOR NO. FE 50
PIT PLAN

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



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 PE 8-11
PIT PLAN

	LR	PIT REACTIONS LIR	HR	FE 48	ZONE II	ZONE III	CE 5	FE 49	FE 20
CAR BUFFER IMPACT	CC-50°	Y-52.0°	Q-54.0°	U-56.0°	G-31.0°	A-65.5°	L-45.6°	C-66.6°	TT-62.5°	G-90.6°
CAR RAIL IMPACT	CE-24.4°	AA-25.2°	S-25.0°	N-27.0°	J-32.1°	D-54.0°	N-63.0°	NN-43.5°	VV-38.0°	U-43.0°
COUNTERWEIGHT BUFFER IMPACT	DD-49.5°	Z-52.0°	R-54.3°	V-57.0°	H-55.0°	B-64.8°	M-66.8°	F-87.9°	UU-55.0°	H-80.0°
COUNTERWEIGHT RAIL IMPACT	FF-26.0°	BB-20.1°	P-21.7°	X-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°	NN-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 WHETHER ELEVATORS ACT INDEPENDENTLY OF EACH OTHER, CAR OR CWT. RAIL IMPACTS OCCUR SIMULTANEOUSLY WITH TIE RODS COMPRESSION UP-PULL

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

NO.	DATE	SUB. NO.	BY
0	8-1-66	ISSUED FOR BID	
1	1-15-67	—	JMM
2	4-25-67	—	JMM

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		