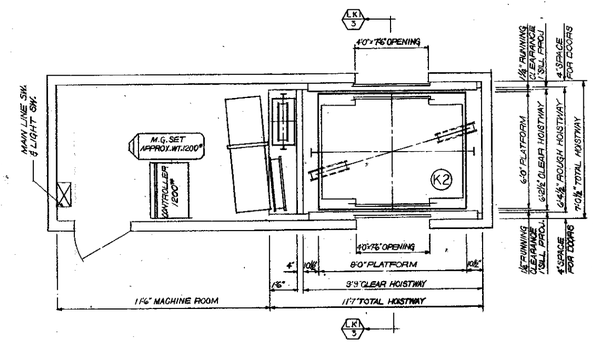
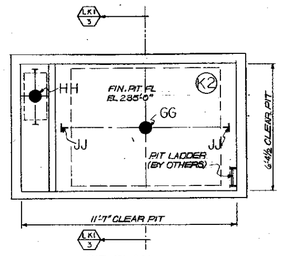
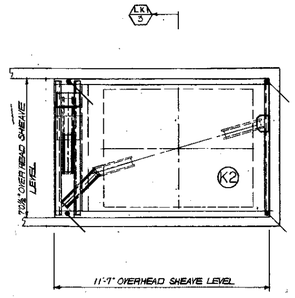


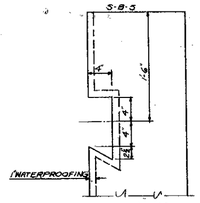
PLAN OF HOISTWAY & MACHINE ROOM
ELEVATOR NO. K-2 4000 LBS @ 200 F.P.M.
SCALE ⅜"=1'-0"



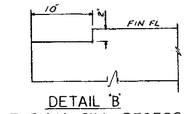
PIT PLAN
ELEVATOR NO. K2



OVERHEAD SHEAVE LEVEL
ELEVATOR K-2



DETAIL 'A'
SCALE 1½"=1'-0"



DETAIL 'B'
TYPICAL SILL RECESS
SCALE 1½"=1'-0"

OVERHEAD REACTIONS

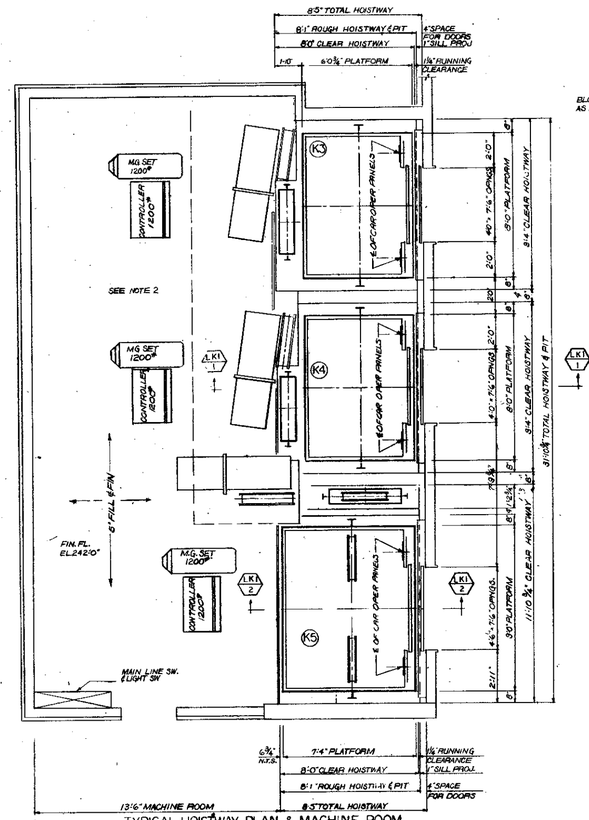
A	9.0K	G	16.0K	Q	3.8K	LL	7.8K
B	10.0K	J	10.8K	R	5.0K	MM	22.0K
C	10.0K	K	8.0K	S	7.0K	RR	7.5K
D	25.5K	M	20.0K	T	9.1K	SS	14.0K
E	7.0K	N	12.0K	VV	7.8K	TT	7.5K
F	8.0K	P	12.0K	KK	8.0K		

NOTE: ALL LIVE LOADS HAVE BEEN DOUBLED FOR IMPACT.

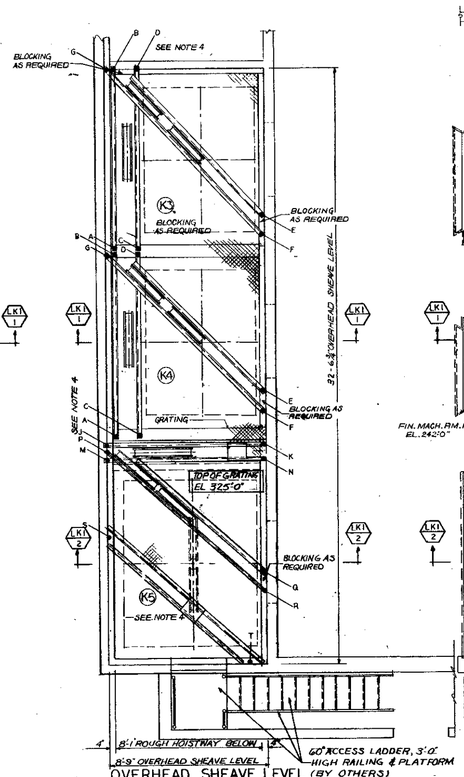
PIT REACTIONS

CAR BUFFER	AA	48.0K	DD	72.0K	GG	58.0K
CAR RAIL	CC	24.0K	FF	36.0K	JJ	28.0K
CWT BUFFER	BB	96.0K	EE	72.5K	HH	60.9K

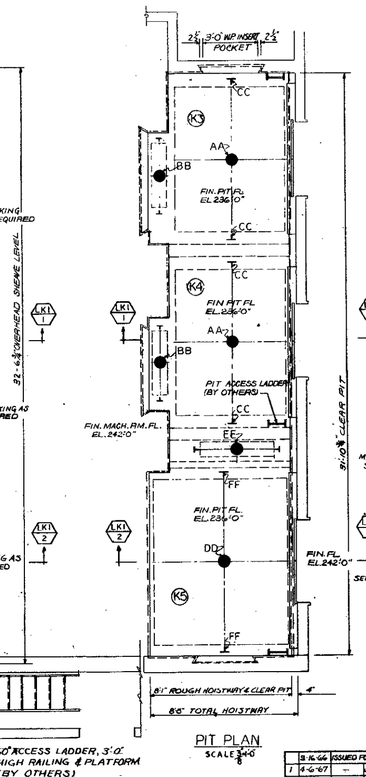
NOTE: CAR RAILS, CAR BUFFERS, & CWT BUFFERS ACT INDEPENDENTLY OF EACH OTHER. ADJACENT ELEVATORS ACT INDEPENDENTLY OF EACH OTHER.



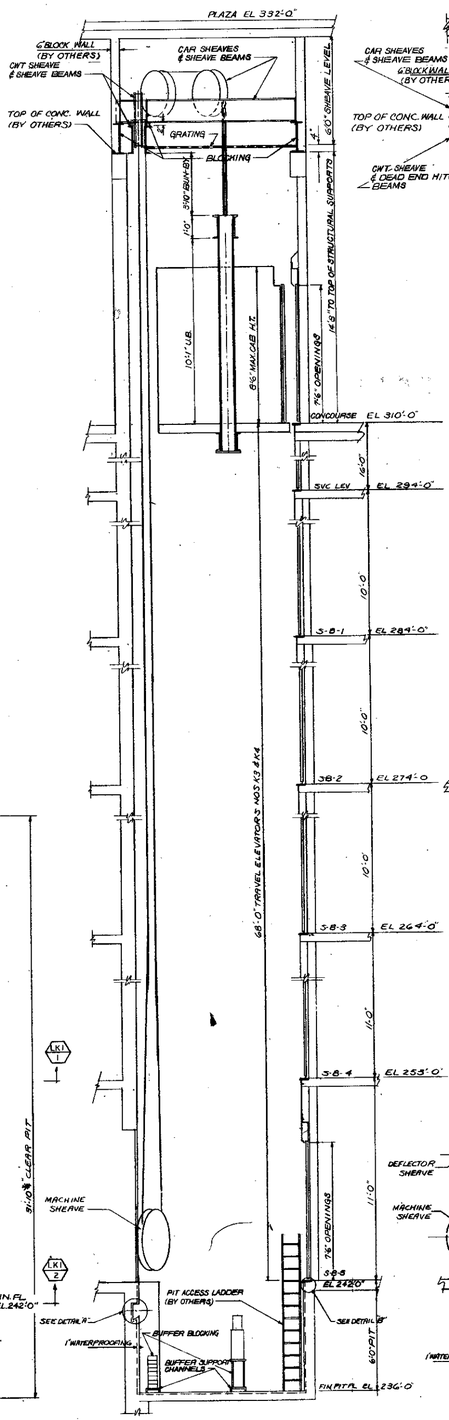
TYPICAL HOISTWAY PLAN & MACHINE ROOM
ELEVATORS K3 & K4, 4000 LBS @ 250 F.P.M.
ELEVATOR K5 6000 LBS @ 250 F.P.M.
SCALE ⅜"=1'-0"



OVERHEAD SHEAVE LEVEL
SCALE ⅜"=1'-0"



PIT PLAN
SCALE ⅜"=1'-0"



SECTION 1-1
ELEVATORS NOS. K3 & K4
SCALE ⅜"=1'-0"

SECTION 2-2
ELEVATOR NO K5
SCALE ⅜"=1'-0"

SECTION 3-3
ELEVATOR NO K-2

NOTES
1-INSERTS TO BE FURNISHED BY ELEVATOR CONTRACTOR & INSTALLED BY GENERAL CONTRACTOR. INSERTS ABOVE 58'-5" TO BE POURED IN PLACE.
2-CONCRETE MACHINE FOUNDATIONS TO BE POURED MONOLITHICALLY & TIED INTO PIT & MACHINE ROOM FL. AFTER FOUNDATION BOLTS ARE SET. FINAL SIZE & LOCATION OF FOUNDATION TO BE DETERMINED BY ELEVATOR CONTRACTOR.
3-30"-3'0" ACCESS DOOR & 60" ACCESS LADDER BY OTHERS.
4-CUTOUTS BY OTHERS. FINAL SIZE & LOCATION TO BE DETERMINED BY ELEVATOR CONTRACTOR.

NO.	DATE	SUB. NO.	BY
1	4-6-67	–	JMM
2	5-16-67	–	RSC
3	5-25-67	–	RSC

REVISIONS

NO.	DATE	SUB. NO.	BY

REVISIONS

RECEIVED
NOV 17 1988
LESLIE E. ROBERTSON ASSOCIATES

APPROVED
CHIEF, PLANNING DIVISION
DATE

THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT
STRUCTURAL ENGINEERS
WORTHINGTON, SKILLING, HELLE & JACKSON
JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS
EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT
MECHANICAL ENGINEERS
JAROS, BAUM & BOLLES
THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

TITLE
ELEVATOR DETAILS
ELEVATORS NOS K2 THRU K5

DRAWN	J.M.M.	CHECKED	C.L.K.
SCALE	AS NOTED	DATE	9-16-66
PROJECT NUMBER		SHEET	OF
DRAWING NUMBER	L-K-1		