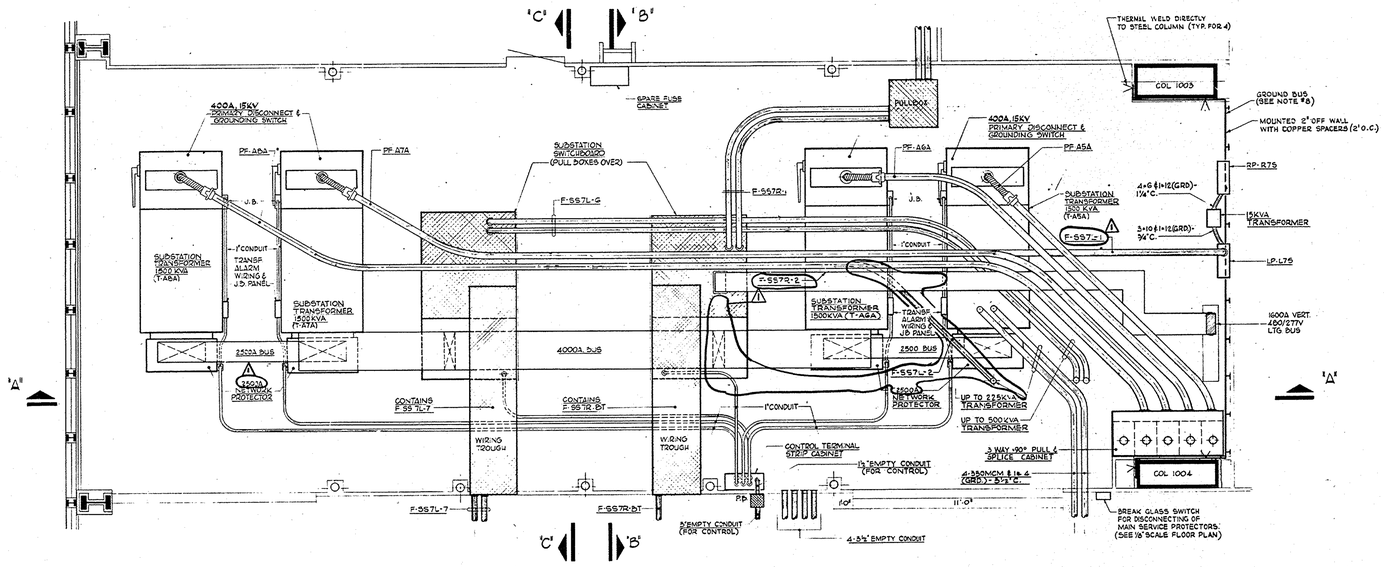
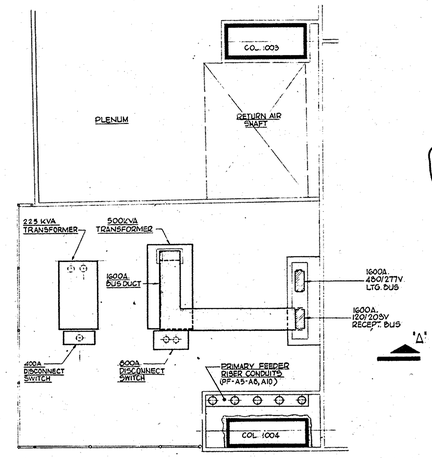
File Juicer



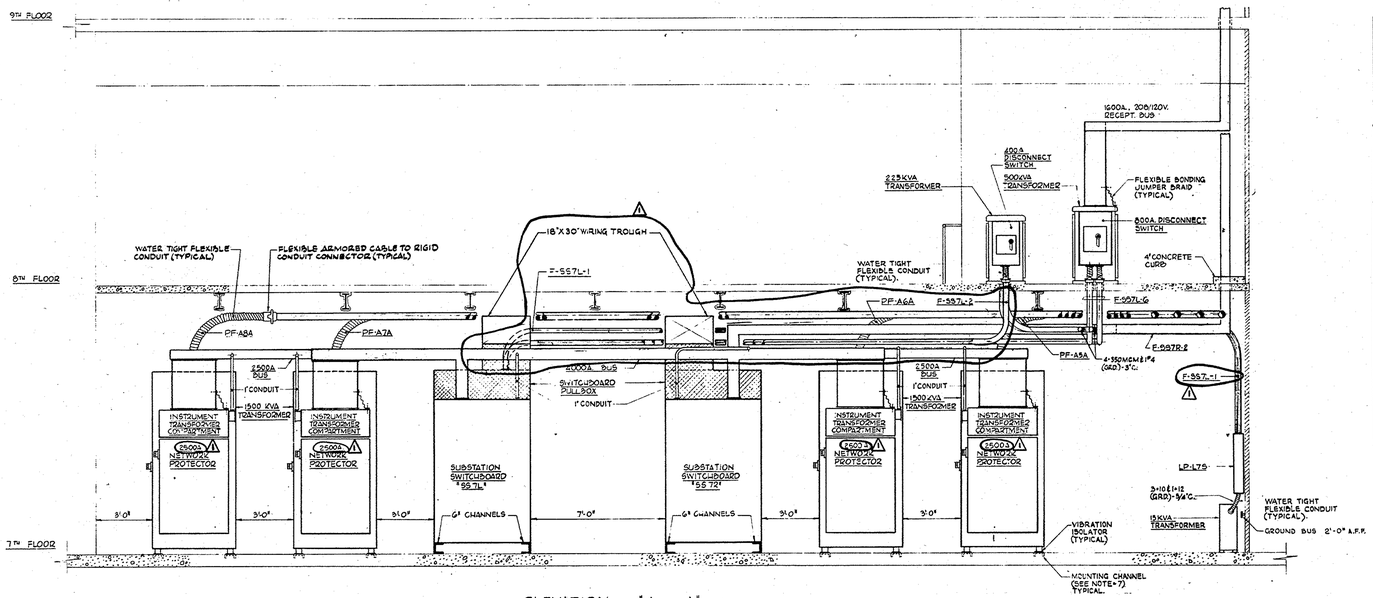
SUBSTATION "SS 7S" PART PLAN 7TH FL.



SUBSTATION "SS 7S" ROOF PART PLAN
8TH FL.

GENERAL NOTES

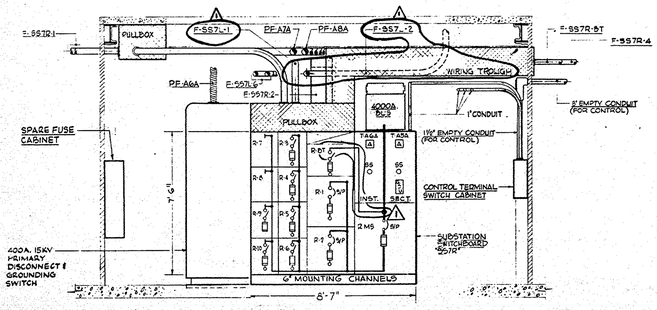
1. FOR SINGLE LINE DIAGRAM SEE DWG. E-A-9
2. FOR 13.8 KV SERVICE & DISTRIBUTION SYSTEM RISER & SCHEDULES SEE DWG. E-A-7
3. FOR DETAILS SHOWING VERTICAL SUPPORT OF BUS DUCT SEE DWGS. E-A-131.
4. SEE SPECIFICATIONS FOR SPECIAL CONSTRUCTION OF SUBSTATION SWITCHBOARDS.
5. FOR AUTO TRANSFER SWITCH DETAILS AND SCHEDULE. SEE DRAWING E-A-99.
6. FOR PRIMARY SPLICE AND CABLE COMPARTMENT DETAILS SEE DRAWING E-A-126 THRU E-A-128.
7. CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT DAMAGE TO WATERPROOF MEMBRANE.
8. FOR TYPICAL GROUNDING SYSTEM DIAGRAM SEE DWG. E-A-120
9. FOR SUBSTATION REMOTE CONTROL WIRING DETAILS SEE DWG. E-A-5.



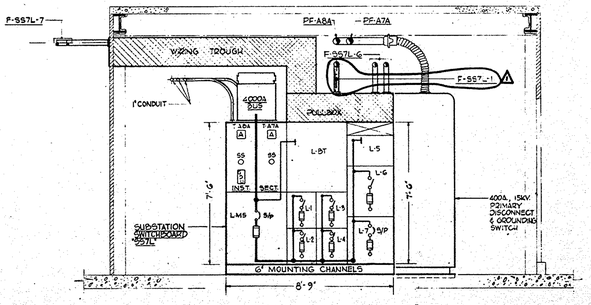
ELEVATION 'A - A'

480/277V MAIN SWITCHBOARD SCHEDULES									3Ø-1/2 NEUTRAL
SECTION	CLOSURE	FEEDER SYMBOL	PROTECTIVE DEVICE: DEVICE RATING AMPS	POLES	TYPE	FUSE SIZE AMPS	FEEDER	SERVICE TO	REMARKS
"557L"	L MS	——	4000	3	SERV PROT.	4000	4000A., 3Ø, SWBD BUS	SWBD BRANCH UNITS L1 THRU L7	REMOTE TRIP #
	L BT	——	2000	3	——	——	——	SPACE ONLY	
	L-1	F-557L-1	200	3	QMQB SW.	200	4"#6 & 1"#6 (GRD) - 2½"C	LTG PNL L76	
	L 2	F-557L-2	400	3	QMQB SW.	500	3-350 MCM & 1"#4 (GRD) - 3"C	MAIN LOBBY LTG	VIA 225 KVA XFMR.
	L-3	——	400	3	QMQB SW	400	——	SPARE	
	L 4	——	400	3	QMQB SW.	400	——	SPARE	
	L 5	——	400	3	——	——	——	SPACE ONLY	
	L-6	F-557L-6	800	3	QMQB SW	600	3 SETS OF 3-500 MCM & 1#2 (GRD) IN 3-3½"C	REC. PNLS. R96 THRU R249	VIA 500KVA XFER SW.
	L-7	F 557L-7	800	3	SERV. PROT.	800	2 SETS OF 3-350 MCM, 1#4 (GRD) IN 2-3"C	MOTOR CONTROL CENTER "MS7L"	#
"557R"	R MS	——	4000	3	SERV. PROT.	4000	4000A., 3Ø, SWBD BUS	SWBD BRANCH UNITS R1 THRU R-9	REMOTE TRIP #
	R BT	F 557R-BT	400	3	QMQB SW	200	3"#3/0 & 1"#6 (GRD) 2½"C.	EM LTG PNLS ERPCS13A THRU ERPC 23A	VIA AUTO XFER SW & 150KVA XFMR.
	R-1	F 557R-1	800	3	SERV PROT	800	2 SETS OF 3-350 MCM, 1#4 (GRD) IN 2-3"C	MOTOR CONTROL CTR "MS-7R"	#
	R-2	F 557R-2	1600	3	SERV. PROT.	1600	1600A. 3Ø, 4W BUS DUCT W/GRD	LTG PNLS L95 THRU L245	
	R-3	——	200	3	QMQB SW	200	——	SPARE	
	R-4	——	400	3	QMQB SW	200	——	SPARE	
	R-5	——	400	3	QMQB SW.	400	——	SPARE	
	R-7	——	400	3	——	——	——	SPACE ONLY	
	R-8	——	400	3	——	——	——	SPACE ONLY	
	R-9	——	400	3	——	400	——	SPARE	
	R-10	——	400	3	——	400	——	SPARE	

* PROVIDE SERVICE PROTECTOR WITH ANTI-SINGLE PHASE DEVICE



ELEVATION 'B - B'



ELEVATION 'C - C'

CONTRACT BID DRAWING date OCT. 16, 1967

NO.	DATE	REVISIONS BUL. NO.	BY	NO.	DATE	REVISIONS BUL. NO.	BY
1	12-18-67						

APPROVED

CHIEF, PLANNING DIVISION

DATE

THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

3/8"=1'-0" 0 6" 1' 2' 3' 4' 5' 6' 7' 8'

TITLE: SUB-STATION SS-7S 7TH FLOOR SOUTH

DRAWN	R.F.H.	CHECKED	J.R.L.
SCALE	3/8"=1'-0"	DATE	OCT. 16, 1967
PROJECT NUMBER		SHEET	65 OF 114
DRAWING NUMBER	E-A-74		