NORTH

ELECTRIC SUB-STATION LOWER LEVEL

A.C. SHAFT

SA&RA SHAFT

M&R TOILET

RETURN AIR PLENUM

PIPE SHAFT

ELEVATOR RUNWAY

SERVICE ROOM

SECONDARY MOTOR ROOM

ELEC. SHAFT

A.C. PIPE SHAFT

K.E. FAN

PLATFORM

STAIR

VENT SHAFT

NOTES

1. FOR GENERAL NOTES, KEY TO MATERIALS, SYMBOLS ABBREVIATIONS, FINISH SCHEDULE, DOOR SCHEDULE & SCHEDULE OF DRAWINGS SEE DRAWING A-1.1 TO A-1.6
2. FOR CONCRETE ½" SCALE FLOOR PLAN SEE DRAWING A-2.1
3. ALL ELEVATIONS GIVEN THUS (70'0") ARE IN RELATION TO FINISH FLOOR
4. FOR MECHANICAL & ELECTRICAL LAYOUTS SEE RESPECTIVE ENGINEER'S DRAWINGS
5. FINISH FLOOR ELEVATION (70'0") TOP OF SLAB ELEVATION (69'9") UNLESS OTHERWISE SHOWN OR NOTED
6. FOR TYPICAL STAIR DETAILS SEE DRAWINGS A-4.8 TO A-4.10 INC.
7. CURTS ARE REQUIRED ON ALL BEAM PROJECTIONS OVER 35" NOMINAL (3'-1" ACTUAL) DEPTH IN ELEVATOR SHAFTS AND WALL AT MINIMUM 78" FROM HORIZONTAL SEE TYPICAL DETAILS
8. ELEVATION TO TOP OF ALL CONCRETE CURBS TO BE (70'0") UNLESS OTHERWISE SHOWN OR NOTED
9. PROVIDE 8" MIN. CONC. FILLED SHEAR WALL DIAGONALS (FROM FLOOR PLANS) DUCTS TO EXTEND 4" BEYOND INTERSECTION OF DIAGONALS TO TOP SIDE OF SLAB

MECHANICAL EQUIPMENT ROOM NOTES

1. MEMBRANE WATERPROOFING 11" TOP OF SLAB WITH 3" CEMENT FINISH OVER
2. TURN UP MEMBRANE WATERPROOFING AT ALL CURBS SEE TYPICAL DETAILS ON DWG. A-4.8 & DWG. A-4.9
3. FOR DETAILS OF CONCRETE PADS FOR MECHANICAL EQUIPMENT SEE DWG. A-4.8 & A-4.9
4. FOR FINAL SIZE & LOCATION OF CONCRETE PADS SEE RELAC & PLUMBING CONTRACTORS DRAWINGS.
5. PROVIDE FLASH. CHANNEL SURROUNDS OVER ALL RUN & CAST OPENINGS IN PARTITIONS. SEE DETAILS ON DWG. A-4.8 & A-7.1
6. WHERE FINISH FLOOR IS 4" OR MORE ABOVE (70'-0") FLOOR SHALL BE 12" CEMENT FINISH OVER HIGH DENSITY RIGID FOAM FILL
7. PROVIDE 6" RIGID INSULATION AT UNDERSIDE OF MECHANICAL EQUIPMENT ROOM FLOOR.
8. PROVIDE TOILET ROOM FACILITIES AND LITTMAN RISERS AS REQUIRED SEE SPECIFICATIONS, STRUCTURAL, MECHANICAL, ELECTRICAL AND ELEVATOR CONTRACTORS APPROVED SHOP DRAWINGS FOR DETAILS OF LITTMAN RISERS SEE DRAWING A-4.8

1/8"=1'-0" 0 4' 8' 16'

BULLETINS PROCESS NOT DATED ARE IN THE PROCESS OF COMPILATION

CONTRACT	BID DRAWING	dtd.
A-166	A-125	1-1-71
A-168	A-123	6-1-71
A-183	A-123	6-1-71
A-197	A-106	11-5-70
A-200	A-97	9-1-70
A-176	A-3	4-28-70
A-164	A-62	4-28-70
A-182	A-46	4-28-70
A-184	A-65	5-13-70
A-185	A-75	5-12-70

REVISIONS				REVISIONS				REVISIONS			
NO.	DATE	DWG. NO.	BY	NO.	DATE	DWG. NO.	BY	NO.	DATE	DWG. NO.	BY
0-1-72	A-166	L.J.		9-1-71	A-125	LITH		1-30-70	A-51	L.J.	
VOID	A-168	L.J.		6-1-71	A-123	LITH		1-30-70	A-55	E.C.	
6-18-71	A-183	L.C.		6-1-71	A-123	LITH		1-30-70	A-67	E.C.	
11-17-71	A-197	L.C.		11-5-70	A-106	L.J.		5-13-68	A-88	R.C.	
11-17-71	A-200	L.C.		9-1-70	A-97	D.G.		2-25-69	A-21	R.C.	
6-18-71	A-176	D.G.		4-28-70	A-3	L.J.		2-23-68	A-17	R.C.	
6-18-71	A-164	L.J.		4-28-70	A-62	L.J.		2-23-68	A-28	R.C.	
6-18-71	A-182	L.J.		4-28-70	A-46	L.J.		11-1-68	A-11	M.H.	
6-18-71	A-184	D.T.		5-13-70	A-65	A.A.		9-1-68	A-10	O.G.	
6-18-71	A-185	L.J.		5-12-70	A-75	A.A.		6-10-68	A-5	O.G.	

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

J.A. KOS, P.E. & ASSOC., INC.
MECHANICAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PILING, STRUCTURE, FOUNDATIONS

TITLE: 108TH FLOOR CORE PLAN
LOWER MECH. EQUIP. RM LEVEL

SCALE 1/8" DRAWN [illegible] CHECKED [illegible]
SCALE 1/2" DATE 3-31-67 SHEET OF

A-A-170