(2) TYPE "N" UNITS

(23) TYPE "I" UNITS

NOTE: TYPICAL THERMOSTAT LOCATIONS FOR DIRECTION UNITS & BASES (3 UNITS/BAY)

MATCH LINE 7

NORTH

(34) TYPE "J" UNITS

(34) TYPE "M" UNITS

(2) TYPE "P" UNITS

(1) TYPE "M" UNIT

(5) TYPE "L" UNITS

(2) TYPE "P" UNITS

REFER PORTION CONNECTION TO EXCHANGE

THIS AREA TO BE AIR-CONDITIONED FROM A.H. UNIT ACS-9-10

THERMOSTAT LOCATION (3 UNITS / BAY)

O.A.I. LOUVER 17'-0"×6'-8" (34,000 CFM) MIN. A.L.D. 17'-0"×2'-5" TOP (15,000 CFM) VAR. A.L.D. 17'-0"×5'-5" BOTTOM (34,000 CFM) A.H. UNIT FOR COMMODITY EXCHANGE

O.A.I. LOUVER 15'-0"×5'-8" (37,000 CFM) MIN. A.L.D. 15'-0"×3'-6" TOP (24,700 CFM) VAR. A.L.D. 15'-0"×5'-0" BOTTOM (12,330 CFM) A.H. FOR INDUCTION UNITS S.W. ZONE.

O.A.I. LOUVER 14'-0"×5'-0" (29,300 CFM) MIN. A.L.D. 14'-0"×3'-6" TOP (16,700 CFM) VAR. A.L.D. 14'-0"×5'-0" BOTTOM (12,600 CFM) A.H. FOR INDUCTION UNITS S.E. ZONE

O.A.I. LOUVER 17'-0"×6'-5" (48,000 CFM) MIN. A.L.D. 17'-0"×2'-0" TOP (15,960 CFM) VAR. A.L.D. 17'-0"×5'-0" BOTTOM (32,800 CFM) A.H. FOR INTERIOR SYSTEM

O.A.I. LOUVER 17'-0"×6'-5" (48,000 CFM) MIN. A.L.D. 17'-0"×2'-5" TOP (15,900 CFM) VAR. A.L.D. 17'-0"×5'-0" BOTTOM (31,800 CFM) A.H. FOR PERIMETER SYSTEM

O.A.I. LOUVER 6'-0"×5'-6" (16,500 CFM) A.L.D. 6'-0"×2'-0" (10,900 CFM) A.H. FOR 24 HR. SYSTEM

NOTES

1. ALL DUCT DISCHARGING IN TO PENTHOUSE SHALL TERMINATE 4'-0" ABOVE ELEV. 440'-8" ROOF SLAB WITH BIRDSCREEN.
3. FOR TYPICAL DRAIN & FLUSH CONNECTIONS OF SECONDARY WATER RISERS SEE DWG. M-F-62
4. RUN 1" DRAIN FROM ALL COOLING COIL DRAIN PAN CONNECTIONS TO FLOOR DRAIN.
5. FOR CONTINUATION OF THIS DRAWING SEE DWG. M-F-40.
6. FOR SYMBOLS & ABBREVIATIONS SEE DWG. M-F-1
7. FOR PIPING CONNECTIONS TO CONVERTOR, PUMPS, COILS, EXPANSION TANK AND UNIT HEATERS SEE DWGS. M-F-59 TO M-F-68.
8. DUCT WORK DISTRIBUTION FROM UNIT ACS-9-8 (24 HR. SYSTEM) SHALL BE HIGH PRESSURE CONSTRUCTION THRU-OUT.
9. FOR FAN E-9-5, E-9-6 AND E-9-6 SEE INLINE CENTRIFUGAL FAN SUPPORT DETAIL ON DWG. #M-F-40.
10. EXISTS (SUB-DIVISION OF TENANT SPACE TO BE DETERMINED FROM TENANT ARCH. DWGS.
11. SMOKE DETECTORS SHALL BE LOCATED IN MAIN DISCHARGE DUCT OF AC UNIT (ON SUCTION SIDE OF R.A., EXHAUST, & SPILL AIR FANS. NUMBER AS INDICATED ON ELEC. DWG. NO. E-P-47.

PIPE SHAFT DETAILS
SCALE - 1/4"=1'-0"

RECEIVED
FEB 21 1975

KEY PLAN

SKILLING-HELLE CHRISTIANSEN-ROBERTSON
233 PARK AVE. N.Y.C.

CONTRACT BID DRAWING note

CHIEF ENGINEER
EXECUTIVE DESIGN DIRECTOR
CHIEF ARCHITECT
APPROVED

REVISIONS

THE WORLD TRADE CENTER
THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON
STRUCTURAL ENGINEERS

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY
MECHANICAL & ELECTRICAL AUTHORITY

TITLE: SOUTHEAST PLAZA BUILDING 9TH FLOOR PLAN SOUTH MER. AND OFFICE PLAN

DESIGNED	K. URASHIMA	DRAWN	P.N.
SCALE	1/8"=1'-0"	DATE	MAY 1974
PROJECT NO.	WTC 190.50	DRAWING NO.	M-F-39