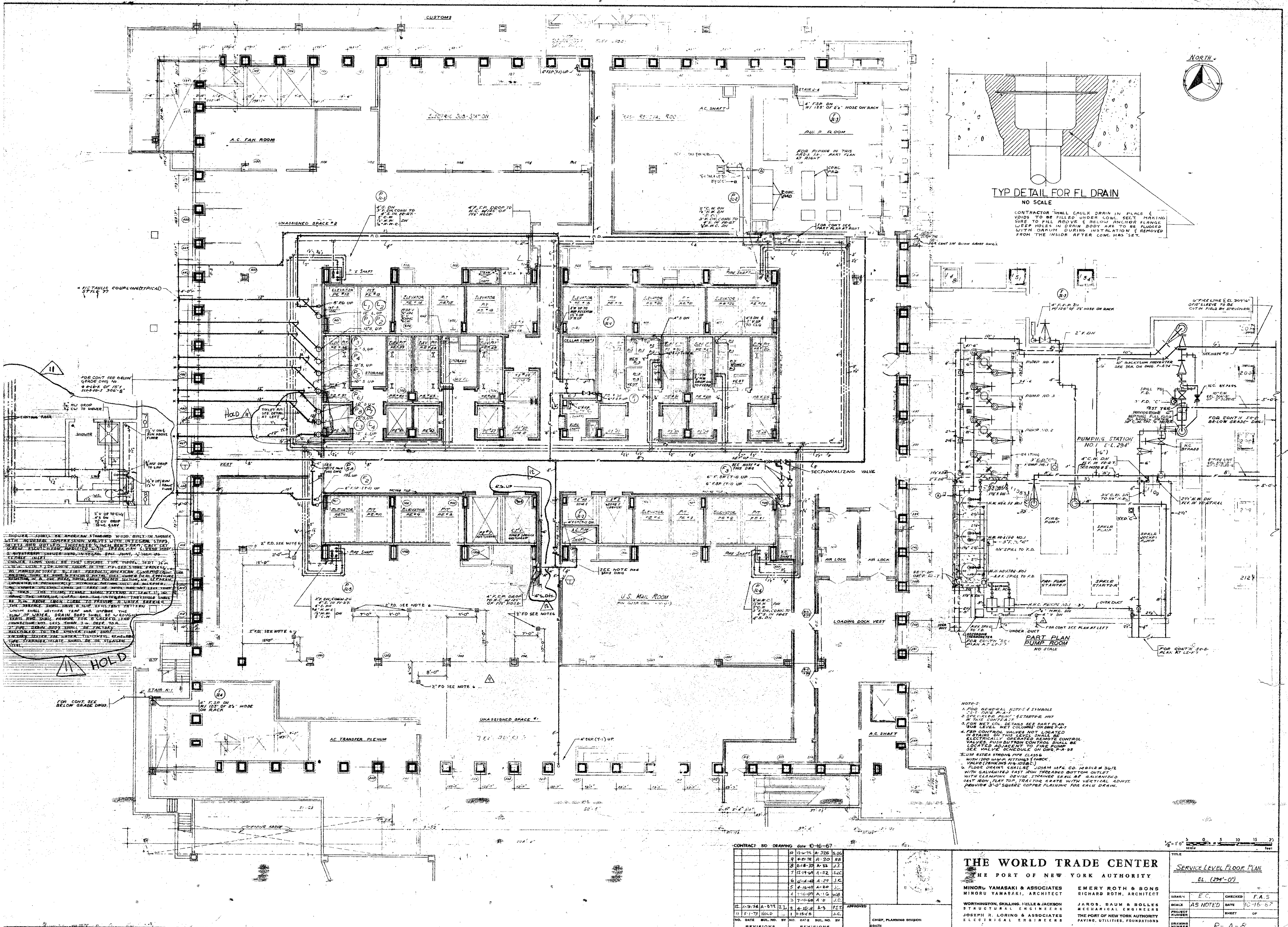


CUSTOMS
A.C. FAN ROOM
ELECTRIC SUB-STATION
TRASH REMOVAL ROOM
A.C. SHAFT
STAIR J-4
4" FSP DN W/ 125' OF 2½" HOSE ON RACK
PUMP ROOM
FOR PIPING IN THIS AREA SEE PART PLAN AT RIGHT
CONC PAD
FOR CONT SEE PART PLAN AT RIGHT
UNASSIGNED SPACE #2
4"S. DN 3"V. DN. CONN. TO 4"S. IN VE-RT. 2" C.W. 1½" H.W. ¾" H.W.C. DN
4"F.S.P. DROP TO H.C. W/125' OF 1½" HOSE
2" C.W. DN 1½" H.W. DN 4" S. DN 3" V. DN. CONN. TO 4" S. IN VE-RT ¾" H.W.C. DN
* VICTAULIC COUPLING (TYPICAL) STYLE 77
PIPE SHAFT
ELEVATOR PE #12
PIT PE #13
ELEVATOR PE #14
PIT PE #15
ELEVATOR
PIT PE #16
STEAM SHAFT
8" P.D. UP
12" L. UP
12" S. UP
10" S. UP
STORAGE
JAN CL.
12" S. UP
12" L. UP
ELEVATOR PE #18
PIT PE #19
ELEVATOR PE #20
PIT PE #21
ELEVATOR PE #22
PIT PE #23
3"W UP TO MOP RECEPTOR 1½" V. UP 3" H. UP
4" S DN
4" S DN & 2" V. UP TO CLG
CELLAR STAIR #3
MEN
WOMEN
VEST
ELEC SHAFT
6" F.S.P. UP
2" C.W. ½" H.W. DROP DN TO FIXTURES
FOR CONT SEE BELOW GRADE DWG No. @ ELEV. OF 15'-1 SLEEVES 306'-5"
¾" HW DROP ¾" CW. TO SHOWER
EXISTING RACK
SHOWER
1½" V DN & RUN ABOVE FLOOR
¾" HW DROP TO LAV
1½" V UP RUN 1½" V ABOVE FLOOR
LAV
W.C.
2" V UP TO CLG 4" S DN ¾" CW DROP TO W.C. & LAV
HOLD 11
TOILET RM SEE DETAIL AT LEFT
VEST
SEE NOTE No 4 THIS DWG
10"S. UP
6" F.SP. (T-1) UP
FACING TILE
SECTIONALIZING VALVE
SEE NOTE #4 THIS DWG
6" F. SP (T-1) UP
6" F.SP (T-1) UP
SET UP
4"S. UP
ELEVATOR PE #11
PIT PE #10
ELEVATOR PE #9
PIT PE #8
PE #7 RESTAURANT
C.E. #6 ZONE 3 SERVICE RESTAURANT
PE #4B ZONE 2
C.E. #5 ZONE 3 SERVICE
4" FSP (T-1) DN.
A.C. PIPE SHAFT
ELEVATOR PE #4
PIT PE #3
ELEVATOR PE #2
PIT PE #1
A.C. SHAFT
AIR LOCK
AIR LOCK
2" F.D. SEE NOTE 6
3"V. DN; CONN. TO 4"S. IN VE-RT. 4" S. DN ¾" H.W.C. 1½" H.W. 2" C.W. DN
4" F.S.P. DROP TO H.C. W/125' OF 1½" HOSE
4"S. DN.
SEE NOTE No4 THIS DWG
U.S. MAIL ROOM
¾"H.W.C. 1½"H.W. 2"C.W. DN 3"V. DN, CONN. TO 4"S. IN VE-RT 4"S. DN
LOADING DOCK VEST
2" FD SEE NOTE 6
UNASSIGNED SPACE #1
4" F.S.P. (T-1) UP
STAIR K-1
FOR CONT. SEE BELOW GRADE DWGS.
4" F.SP DN W/ 125' OF 2½" HOSE ON RACK
AC TRANSFER PLENUM
OPENING ABOVE
HOLD

SHOWER SHALL BE AMERICAN STANDARD N-1150 BUILT-IN SHOWER WITH AQUASEAL COMPRESSION VALVES WITH INTEGRAL STOPS, INLETS AND OUTLETS THREADED ½ INCH, BENT ARM, CAST SET SCREW ESCUTCHEON, MODIFIED WITH SPEAKMAN S-2250 MODEL ... SHOWER HEAD, INTEGRAL BALL JOINT, ½ INCH IPS FEMALE INLET.
SHOWER FLOOR SHALL BE THE CASCADE TYPE MODEL 36RT 36 in. x 36 in. WITH #224 WHITE COLOR OF THE MOLDED STONE PROCESS AS MANUFACTURED BY FIAT PRODUCTS, AMERICAN CHAPMID CO. ... MOLDING SHALL BE DONE IN MATCHED METAL DIES UNDER HEAT & PRESSURE RESULTING IN A ONE PIECE, HOMOGENEOUS MOLDED SECTION, NO SEPARATE, CEMENTED, OR MECHANICALLY ATTACHED PORTIONS WILL BE ACCEPTED. ALL EXPOSED SECTIONS SHALL BE FREE OF VOIDS AND NOT LESS THAN ¼" THICK. THE TILING FLANGE SHALL EXTEND AT LEAST 1½ IN. ABOVE THE INTERIOR CURBS AND THE INTEGRAL THRESHOLD SHALL BE ¾ IN. ABOVE SUCH CURBS TO PROVIDE A WATER BARRIER. THE SURFACE SHALL HAVE A SLIP RESISTANT PATTERN WHICH SHALL NEITHER TRAP NOR IMPEDE THE FLOW OF WATER. DRAIN BODY SHALL BE WROUGHT BRASS AND SHALL PROVIDE FOR A CALKED LEAD CONNECTION NOT LESS THAN 2 IN. DEEP, TO A 2" PIPE. DRAIN BODY SHALL BE FACTORY ASSEMBLED TO THE SHOWER FLOOR, AND FACTORY TESTED FOR WATER TIGHTNESS. REMOVABLE TYPE STRAINER PLATE SHALL BE OF STAINLESS STEEL.

NORTH

TYP DETAIL FOR FL DRAIN
NO SCALE
CONTRACTOR SHALL CAULK DRAIN IN PLACE & VOIDS TO BE FILLED UNDER CONC. SECT. MAKING SURE TO FILL ABOVE & BELOW ANCHOR FLANGE. WEEP HOLES IN DRAIN BODY ARE TO BE PLUGGED WITH OAKUM DURING INSTALATION & REMOVED FROM THE INSIDE AFTER CONC. HAS SET.

TEST SPOOL PIECE
FOR CONT SEE BELOW GRADE DWG'S.
4" F.S.P. DN W/125' OF 2½" HOSE ON RACK
6" FIRE LINE & EL 309'-6" OF 10" SLEEVE TO BE CUT IN FIELD BY STRUCTURAL
2" V. DN
10" BACKFLOW PREVENTER SEE SCH. ON DWG. P-A-74
SEE NOTE #5
N.C. BY-PASS
10" C.W. & EL 306'-9" OF 15" SLEEVE
SPILL TO F.D.
3" F.D. "C"
TEST TEE
PROVIDE (1) ONE 6" NEPTUNE FULL FLOW ALL BRONZE METER
10" C.W. DN. TO METER
FOR CONT'N SEE BELOW GRADE DWGS
PUMP NO. 4
PUMP NO. 3
PUMP NO. 2
GRATING
3" F.D. "C" PUMP NO. 1
PUMPING STATION NO. 1 EL. 294'
4" C.W. DN VLV. IN VERT. SEE NOTE #5
N.C. BYPASS
8" FIRE LINE & EL 306'-9" OF 15" SLEEVE
1½" V. DN
2" V. DN
1½" V. DN
H.W. HEA. ER NO. 1
3/4" C.W. DN TO 3/4" H.B.
2½" H.W. DN VLV. IN VERTICAL
FIRE PUMP
SPKLR PUMP
SPKLR JOCKEY PUMP
H.W. HEATER NO. 1
3" F.D. "C"
3/4" SPILL TO F.D.
H.W. HEATER NO. 2
A.V.V. SPILL TO F.D.
FIRE PUMP STARTER
SPKLR STARTER
H.W.C. PUMPS NO. 1
OVER DUCT
H.W.C. DN
V DN
FOR CONT SEE PLAN AT LEFT
SET UP OVER CLG
A.V.V. SPILL TO F.D.
RECORDING THERMOMETER
FOR CONT'N SEE PLAN AT LEFT
UNDER DUCT
PART PLAN PUMP ROOM
NO SCALE
FOR CONT'N SEE PLAN AT LEFT

NOTES:
1. FOR GENERAL NOTES & SYMBOLS SEE DWG P-A-1
2. SPRINKLER PUMP & STARTER NOT IN THIS CONTRACT
3. FOR WET COL. DETAILS SEE PART PLAN SUB LEVEL WET COLUMNS ON DWG P-A-7
4. FSP CONTROL VALVES NOT LOCATED IN STAIRS ON THIS LEVEL SHALL BE ELECTRICALLY OPERATED REMOTE CONTROL VALVES. PUSH BUTTON CONTROL SHALL BE LOCATED ADJACENT TO FIRE PUMP. SEE VALVE SCHEDULE ON DWG. P-A-95
5. USE EXTRA STRONG PIPE CLASS 6 WITH 1200 W.W.P. FITTINGS & CHECK VALVE (JENKINS FIG. 102BC)
6. FLOOR DRAINS SHALL BE JOSAM MFG. CO. MODEL # 3612 WITH GALVANIZED CAST IRON THREADED BOTTOM OUTLET WITH CLAMPING DEVISE. STRAINER SHALL BE GALVANIZED CAST IRON, FLAT TOP, TRACTOR GRATE WITH VERTICAL ADJUST. PROVIDE 3'-0" SQUARE COPPER FLASHING FOR EACH DRAIN.

1/8" = 1'0" scale feet

CONTRACT BID DRAWING date 10-16-67

NO.	DATE	BUL. NO.	BY	NO.	DATE	BUL. NO.	BY
				10	12-6-72	A-326	S.J.G.
				9	4-21-72	A-20	RB
				8	2-18-70	A-52	J.I.
				7	12-19-69	A-52	S.J.C.
				6	6-4-69	A-29	J.C.
				5	4-16-69	A-20	J.C.
				4	1-16-69	A-16	W.B.
				3	7-15-68	A-8	J.C.
12	1-9-74	A-573	J.L.	2	4-25-68	A-3	P.J.T.
11	5-1-73	HOLD		1	1-15-68		J.C.

REVISIONS — 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: SERVICE LEVEL FLOOR PLAN EL. (294'-0")
DRAWN: E.C.
CHECKED: F.A.S.
SCALE: AS NOTED
DATE: 10-16-67
PROJECT NUMBER
SHEET OF
DRAWING NUMBER: P-A-8