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KAI

PHASE 2B
LEWIS AND CLARK MEMORIAL TOWER
VILLAGE OF HARTFORD, ILLINOIS
HARTFORD, ILLINOIS 62049

SHEET TITLE:
LEGEND, SCHEDULES
AND DETAILS
PLUMBING

DATE	
REMARKS	
REV. NO.	

KENNEDY PROJECT NO
KAI# 10-02048

ISSUE DATE
12-JULY-05

SHEET NO

P4.01

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK	DESCRIPTION	WASTE	TRAP	VENT	COLD WATER	HOT WATER	REMARKS	MAN. & MODEL NO.
WC-1	WATER CLOSET, WALL HUNG	4"	-	2"	1 1/2"	-	ADA, 17"A.F.F., ELEC. FLUSH VALVE	KOHLER#K-4330/SLOAN#111ES-S
WC-2	WATER CLOSET, WALL HUNG	4"	-	2"	1 1/2"	-	15"A.F.F., ELEC. FLUSH VALVE	KOHLER#K-4330/SLOAN#111ES-S
UR-1	URINAL, WALL HUNG	2"	-	2"	1"	-	ADA, 17"A.F.F., ELEC. FLUSH VALVE	KOHLER#K-5016-ET/SLOAN#186-1.0ES-S
UR-2	URINAL, WALL HUNG	2"	-	2"	1"	-	24"A.F.F., ELEC. FLUSH VALVE	KOHLER#K-5016-ET/SLOAN#186-1.0ES-S
LAV-1	LAVATORY	2"	1 1/2"	1 1/2"	1/2"	1/2"	ADA, ELEC. FAUCET	ACORN#3702-2-SO-EB-MXT
DF-1	DRINKING FOUNTAIN	1 1/2"	-	1 1/4"	1/2"	-	(ADULT) ADA, 40"/36"A.F.F.	STERN WILLIAMS#BF-5000 FP
MB-1	MOP BASIN, FLOOR SET	3"	-	2"	3/4"	3/4"	MANUAL FAUCET	STERN WILLIAMS#SB-902/T-10-VB/T-35/T-40/BP
HY-1	HYDRANT	-	-	-	3/4"	-	RECESSED, FREEZE PROOF	RECESSED, FREEZE PROOF

NOTE: 1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.

DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL NO.	OUTLET SIZE	STRAINER MATERIAL	REMARKS
FD-1	J.R.SMITH	2010	3"	NICKEL BRONZE	TOILET ROOM

NOTE:

MISCELLANEOUS EQUIPMENT

MARK	MANUFACTURER	MODEL NO.	CONNECTIONS	INSTALLATION	USE/LOCATION
RPBP-1	FEBCO	860	2 1/2"	HORIZONTAL	DOMESTIC WATER/MECHANICAL ROOM

NOTE:

ELECTRIC WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NO.	STORAGE	RECOVERY	ELEMENT	VOLT/PH	REMARKS
WH-1	BRADFORD WHITE	LD-WH30L3-1C015	30 GAL.	6 GPH	1.5KW	120/1	JANITOR CLOSET

NOTE: RECOVERY BASED ON 90° RISE

SYMBOLS & ABBREVIATIONS

PLUMBING ABBREVIATION

- AD AREA DRAIN
- AP ACCESS PANEL
- BT BATH TUB
- CO CLEAN OUT
- CW COLD WATER
- DF DRINKING FOUNTAIN
- EWC ELECTRIC WATER COOLER
- FCD FLOOR CLEANOUT
- FD FLOOR DRAIN
- F.F. FINISH FLOOR
- FS FLOOR SINK
- HW HOT WATER
- HWR HOT WATER RETURN
- HWRP HOT WATER RECIRCULATING PUMP
- HY HYDRANT
- INV. EL. INVERT ELEVATION
- LAV LAVATORY
- MB MOP SERVICE BASIN
- PR PLUMBING RISER
- RPBP BACKFLOW PREVENTER (REDUCED PRESSURE)
- SH SHOWER
- SK SINK
- TD TRENCH DRAIN
- TYP. TYPICAL
- V VENT
- VTR VENT THRU ROOF
- W WASTE
- WH WATER HEATER
- WS WATER SOFTNER
- WCO WALL CLEANOUT
- WC WATER CLOSET
- VS VENT STACK
- UR URINAL

PIPING SPECIALTIES

- GATE VALVE
- CHECK VALVE
- CIRCUIT SETTER
- BALL VALVE
- BALANCING COCK
- UNION
- STRAINER
- REDUCE PRESSURE BACK FLOW PREVENTER
- THERMOMETER
- GAUGE
- PRESSURE/TEMPERATURE TEST PLUG
- FLOW MEASURING DEVICE
- INDICATES PLUMBING RISER & DRAWING REFERENCE
- CW COLD WATER
- HW HOT WATER (105°)
- HWR HOT WATER RETURN
- V SANITARY VENT
- ST STORM
- S or W SOIL or WASTE
- VTR VENT THRU ROOF AND FLASH
- CO CLEANOUT
- FCD FLOOR CLEANOUT
- WCO WALL CLEANOUT
- FD FLOOR DRAIN
- FS FLOOR SINK
- HB HOSE BIBB
- ELBOW, TURNED UP
- ELBOW, TURNED DOWN
- BRANCH CONNECTION, TOP
- BRANCH CONNECTION, BOTTOM
- DIRECTION OF FLOW
- PIPE CAP OR BLIND FLANGE
- ACCESS PANEL

*NOT ALL OF THESE ITEMS ABOVE ARE ON THE PROJECT

A SLEEVE DETAILS
N.T.S.

B WATER HEATER SUPPORT DETAIL
N.T.S.

C FLOOR DRAIN DETAIL
N.T.S.

D CLASS "C" BEDDING DETAIL
N.T.S.

E FLOOR CLEANOUT
N.T.S.

F REDUCED PRESSURE BACKFLOW PREVENTER
N.T.S.