PLUMBING FIXTURE SCHEDULE

NO.	FIXTURE	WASTE	VENT	HW	CW	TEMPERED WATER	GAS MBH PIPE SIZE	AIR	MTG HT AFF	PF DESCRIPTION
PF-1	WALL MOUNT WATER CLOSET	4"	2"	-	1"	-	-	-	15"	KOHLER MODEL K-4323 KINGSTON WALL MOUNTED TOILET, HIGH EFFICIENCY, ADA COMPLIANT, VITREOUS CHINA WITH ELONGATED RIM, LOW CONSUMPTION 1.28 GPF AND SIPHON JET FLUSH. SLOAN MODEL 152-1.28 ES-S ROYAL CONCEALED FLUSH VALVE, HIGH EFFICIENCY,1.28 GPF, SENSOR ACTIVATED, OVERRIDE BUTTON, ADJUSTABLE TAILPIECE, PROVIDE WITH SLOAN MODEL EL-154 TRANSFORMER. KOHLER MODEL K-4731-C ELONGATED OPEN FRONT SEAT LESS LID. ①②④
PF-2	ADA WALL MOUNT WATER CLOSET	4"	2"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	[illegible] AND SIPHON JET FLUSH. SLOAN MODEL 152-1.28 ES-S ROYAL CONCEALED FLUSH VALVE, HIGH EFFICIENCY,1.28 GPF, SENSOR ACTIVATED, OVERRIDE BUTTON, ADJUSTABLE TAILPIECE, PROVIDE WITH SLOAN MODEL EL-154 TRANSFORMER. KOHLER MODEL K-4731-C ELONGATED OPEN FRONT SEAT LESS LID. ①②④
PF-3	ADA WALL MOUNT LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	34"	AMERICA STANDARD MODEL 0954.000 MURRO UNIVERSAL DESIGN WALL-HUNG LAVATORY, VITREOUS CHINA, REAR OVERFLOW, 4" CENTER FAUCET HOLES, PROVIDE WITH AMERICAN STANDARD MODEL 0059.020 VITREOUS CHINA SHROUD/KNEE GUARD. TOTO MODEL TEL5LSC-10 SELF-GENERATING ECOPOWER SENSOR FAUCET, STANDARD SPOUT, THERMAL MIXING SINGLE HOLE FAUCET WITH 1.0 GPM LAMINAR FLOW NOZZLE. ①②③④
PF-4	ADA COUNTER MOUNT LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	COUNTER	TOTO MODEL LT501.4 COUNTER-MOUNTED LAVATORY, 20" X 17", VITREOUS CHINA, CONCEALED FRONT OVERFLOW, 4" CENTER FAUCET HOLES, WITH 1.0 GPM LAMINAR FLOW NOZZLE. ①②③
PF-5	KITCHEN SINK W/ FAUCET	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	COUNTER	ELKAY LUSTERTONE MODEL ELUHAD1616, SINGLE BOWL UNDERMOUNT STAINLESS STEEL SINK, ADA COMPLIANT, 18 GAUGE, TYPE 304 STAINLESS STEEL, 18 1/2" x 18 1/2" x 5 1/"2 DEEP. CHICAGO FAUCETS MODEL 2300-E2805CP MARATHON DECK MOUNTED FAUCET, INTEGRAL CAST BRASS SWING SPOUT, VANDAL PROOF 0.5 GPM ECO-FLO PRESSURE COMPENSATING SPRAY OUTLET, SINGLE METAL LEVER HANDLE, CERAMIC DISC OPERATING CARTRIDGE. PROVIDE WITH IN-SINK-ERATOR EVOLUTION SERIES COVER CONTROL FOOD WASTE DISPOSER, MULTIGRIND AND SOUND SEAL PLUS TECHNOLOGIES, 3/4 HP MOTOR. ①②③
PF-6	LAUNDRY SINK W/ FAUCET	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	COUNTER	ELKAY LUSTERTONE MODEL ELUHAD1616, SINGLE BOWL UNDERMOUNT STAINLESS STEEL SINK, ADA COMPLIANT, 18 GAUGE, TYPE 304 STAINLESS STEEL, 18 1/2" x 18 1/2" x 5 1/"2 DEEP. CHICAGO FAUCETS MODEL 2300-E2805CP MARATHON DECK MOUNTED FAUCET, INTEGRAL CAST BRASS SWING SPOUT, VANDAL PROOF 0.5 GPM ECO-FLO PRESSURE COMPENSATING SPRAY OUTLET, SINGLE METAL LEVER HANDLE, CERAMIC DISC OPERATING CARTRIDGE. ①②③
PF-7	BOTTLE FILLER	1 1/2"	1 1/2"	-	1/2"	-	-	-	WALL	BRITA HYDRATION STATION MODEL 2000, RECESSED MOUNT, SENSOR OPERATED, LAMINAR FLOW, 0.5 GPM FLOW RATE, ABS PLASTIC, 16 GAUGE, TYPE 304 STAINLESS STEEL AND 30-SECOND TIMEOUT FEATURE. ①②③
PF-8	WASHER UTILITY BOX	2"	1 1/2"	3/4"	3/4"	-	-	-	WALL	SYMMONS LAUNDRY-MATE WASHER UTILITY BOX, MODEL W-602X, SUPPLY AND DRAIN FIXTURE, 1/2" HW & CW SWEAT CONNECTIONS, 2" DRAIN CONNECTION. ①②
PF-9	LINT INTERCEPTOR	3"	-	-	-	-	-	-	FLOOR	JOSAM MODEL 61805 SERIES, 70 GPM FLOW RATE, 20"L x 17"W x 18"H, ACID RESISTANT COATING, NON-SKID COVER, GALVANIZED STEEL BUCKET, STEEL SCREENS AND THREADED CONNECTIONS.

① ALL FIXTURES SHALL BE COMPLETE WITH APPROPRIATE SUPPLIES WITH STOPS, P-TRAPS AND ACCESSORIES.
② ALL TRIM TO BE OF VANDAL-PROOF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO AERATORS, HANDLES, ETC.
③ PROVIDE OFFSET DRAIN AND WASTE WITH INSULATION, H & CW INSULATION FOR BARRIER FREE INSTALLATION.
④ FIXTURES SHALL BE PROVIDED WITH APPROPRIATE FLOOR MOUNTED WALL CARRIERS
** CONFIRM ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS AND ARCHITECTURAL ACCESS BOARD.

DOMESTIC WATER PIPE SIZING SCHEDULE

CONNECTIONS	PIPE SIZE	WATER CLOSET FLUSH VALVES	PIPE SIZE	URINAL FLUSH VALVES	PIPE SIZE	REMARKS
1 - 2	1/2"	1	1 1/2"	1	1 1/4"	1, 2, 3
3 - 4	3/4"	2 - 5	2"	2 - 8	1 1/2"	1, 2, 3
5 - 6	1"	OVER 6	2 1/2" (+)	OVER 8	2" (+)	1, 2, 3
OVER 6	VARIES	-	-	-	-	-

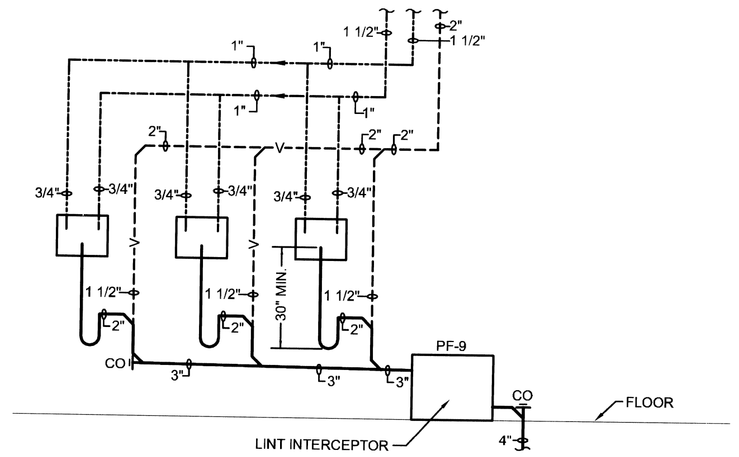
1. BRANCH SUPPLY PIPE SIZE TO TOILET ROOMS AND FIXTURE GROUPS SHALL BE INDICATED ON PLANS
2. CONNECT BRANCH SUPPLY TO DOMESTIC COLD WATER AND HOT WATER PIPING TO EACH PLUMBING FIXTURE IN ACCORDANCE WITH THIS PIPE SIZE SCHEDULE.
3. PROVIDE WATER HAMMER ARRESTERS IN THE BRANCH PIPING TO EACH TOILET ROOM OR FIXTURE GROUP AS SCHEDULED

WATER HAMMER ARRESTER SCHEDULE

WH

SYMBOL	PDI UNITS	FIXTURE UNITS	
WH-1	A	1-11	1, MODEL Z-1700-100
WH-2	B	12-32	1, MODEL Z-1700-200
WH-3	C	33-60	1, MODEL Z-1700-300
WH-4	D	61-113	1, MODEL Z-1700-400

1. SELECTION BASED ON ZURN.



LAUNDRY DRAIN & WATER CONNECTIONS SCHEMATIC DETAIL
NTS

12 DECEMBER 2011

PLAN NORTH
N

0 5 10 15 20 FT

REV. NO.	DESCRIPTION	BY	APP'D	DATE

UMASS
UNIVERSITY OF MASSACHUSETTS
FACILITIES PLANNING DIVISION

THATCHER HALL
FINISH UPGRADE 2012
PLUMBING SCHEDULES & DETAILS

	BY	DATE
DRN.	ADG	-
APP'D	SAB	-
CKD.	SAB	-
APP'D		

PROJECT NO. 10-00178501
CONTRACT NO. UMA 12-16
SCALE NO SCALE
SHEET - OF -
DRAWING NUMBER LEWIS PT3.0

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