

PLUMBING FIXTURE SCHEDULE									
SYMBOL	FIXTURE	C.W.	H.W.	SAN.	VENT	TRAP	MOUNTING	RIM HEIGHT	REMARKS
F1	WATER CLOSET	1"	-	4"	2"	-	WALL	15"	-
F2	WATER CLOSET - (ADA)	1"	-	4"	2"	-	WALL	17"	-
F3	URNAL-(ADA)	1"	-	2"	2"	-	WALL	17"	-
F4	LAVATORY	1/2"	1/2"	1-1/2"	1-1/4"	1-1/4" X 1-1/2"	WALL	32"	-
F5	LAVATORY - (ADA)	1/2"	1/2"	1-1/2"	1-1/4"	1-1/4" X 1-1/2"	WALL	34"	-
F6	COUNTERTOP SINK	1/2"	1/2"	1-1/2"	1-1/4"	1-1/4" X 1-1/2"	COUNTER	SEE ARCH	-
F7	MOP RECEPTOR	(2) 3/4"	3/4"	3"	2"	3"	FLOOR	12"	PROVIDE SEPARATE CW CONNECTION FOR ADDITIONAL FAUCET
F8	ENC W/ BOTTLE FILLER	1/2"	-	1-1/2"	1-1/4"	1-1/4" X 1-1/2"	WALL	32"/34"	-

NOTE : ALL SANITARY PIPING LOCATED BELOW GRADE SHALL BE MINIMUM 2" DIAMETER

PUMP SCHEDULE							BASIS OF DESIGN: BELL & GOSSETT
SYMBOL	G.P.M.	HEAD	PUMP MOTOR			MODEL	REMARKS
			H.P.	R.P.M.	ELECTRIC		
CP-1	2.0	10'	1/12	2650	120-1-60	PL-30B	BRONZE CONSTRUCTION - KITCHEN 140R
CP-2	7.0	24'	2/5	3250	120-1-60	PL-55B	BRONZE CONSTRUCTION - 120R

NATURAL GAS REGULATOR SCHEDULE					
SYMBOL	MBH	PIPE SIZE	MAXIMUM INLET PRESSURE	OUTLET PRESSURE (IN W.C.)	REMARKS
NGR-1	14,979	2"	5 psi	2 psi	NATURAL GAS SERVICE METER
NGR-2	11,000	4"	2 psi	13"	BOILERS / WATER HEATER SUPPLY
NGR-3	1,179	3"	2 psi	14"	BUILDING SUPPLY
NGR-4	2,800	2"	2 psi	10"	EMERGENCY GENERATOR
NGR-5	900	2"	2 psi	9"	RTU-1

PLUMBING LEGEND

(ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT)

	2-WAY CONTROL VALVE		DOMESTIC COLD WATER
	MIXING VALVE		DOMESTIC HOT WATER
	BACKFLOW PREVENTER		DOMESTIC HOT WATER RECIRC.
	SAFETY RELIEF VALVE		140F DOMESTIC HOT WATER
	WATER PRESSURE REDUCING VALVE		140FR DOMESTIC HOT WATER RECIRC.
	BALL OR BUTTERFLY VALVE		SANITARY WASTE
	CALIBRATED BALANCING VALVE		SANITARY WASTE - UNDERGROUND
	CHECK VALVE		SANITARY VENT
	STRAINER		ACID WASTE
	GAS COCK		ACID WASTE VENT
	GAS REGULATOR		NATURAL GAS PIPING
	WATER HAMMER ARRESTOR - SIZE PER FDI STANDARD		DOUBLE WALL CONTAINMENT GAS PIPING - UNDERGROUND
	UNION OR FLANGED CONNECTION		GAS VENT PIPING
	FLEXIBLE PIPE CONNECTION		GAS VENT PIPING - UNDERGROUND
	FLOW METER		LIQUIFIED PETROLEUM GAS PIPING
	SOLENOID VALVE		RAINWATER CONDUCTOR
	PRESSURE GAUGE		RAINWATER CONDUCTOR - BELOW
	THERMOMETER		CONDENSATE DRAIN PIPING
	WATER METER		PUMPED CONDENSATE PIPING
	AQUASTAT		TEMPERED WATER
	NEEDLE VALVE		SOFTENED WATER
	TRAP PRIMER		VACUUM
			COMPRESSED AIR
			PROCESSED RAINWATER
			KEYED DRAWING NOTE
			KEYED DEMOLITION NOTE
			CONNECT TO EXISTING
			EXTENT OF DEMOLITION

ABBREVIATIONS

ABV	ABOVE	FCO	FLOOR CLEAN OUT
APPROX	APPROXIMATELY	FD	FLOOR DRAIN
ARCH	ARCHITECTURAL	FLR	FLOOR
AVTR	ACID VENT THRU ROOF	GC	GENERAL CONTRACTOR
BLW	BELOW	HW	HOT WATER
BLDG	BUILDING	HC	HEATING CONTRACTOR
CD	CONDENSATE DRAIN	INV	INVERT
CLG	CEILING	LAV	LAVATORY
CO	CLEAN OUT	MH	MAN HOLE
COND	CONDENSATE	PC	PLUMBING CONTRACTOR
CONN	CONNECT	REQ'D	REQUIRED
CW	COLD WATER	RWC	RAIN WATER CONDUCTOR
DN	DOWN	SAN	SANITARY
DWG	DRAWING	SH	SHOWER
EC	ELECTRICAL CONTRACTOR	TYP	TYPICAL
EL	ELEVATION	UR	URNAL
EQUIP	EQUIPMENT	V	VENT
EXIST	EXISTING	VTR	VENT THRU ROOF
EXP	EXPANSION	WC	WATER CLOSET
		WCO	WALL CLEAN OUT

FLOOR DRAINS

FLOOR DRAIN TYPE DESIGNATIONS AND SIZES ARE INDICATED ON DRAWINGS.
FD1: CAST-IRON BODY, FLASHING COLLAR, NICKEL BRONZE ADJUSTABLE STRAINER WITH SECURED GRATE AND BOTTOM OUTLET, J.R. SMITH MODEL 2005-A OR 2005-B. VERIFY GRATE TYPE WITH FLOOR TYPES FOR EACH LOCATION. USE TYPE A FOR SEAMLESS AREAS AND TYPE B FOR TILED AREAS. PROVIDE TRAP PRIMER FITTING. PC SHALL ROUTE 1/2" CW FROM PPP, PR-500 TRAP PRIMER VALVE FROM NEAREST CW SUPPLY TO EACH FLOOR DRAIN.

FD2 : CAST-IRON BODY AND FLASHING COLLAR WITH ADJUSTABLE TOP AND TRACTOR GRATE, SEDIMENT BUCKET AND BOTTOM OUTLET, J.R. SMITH MODEL 2230. PROVIDE TRAP PRIMER FITTING. UNLESS NOTED OTHERWISE, PC SHALL ROUTE 1/2" CW PPP, PR-500 TRAP PRIMER FROM NEAREST CW SUPPLY TO EACH FLOOR DRAIN.

FD3: TYPE 304 STAINLESS STEEL FLANGED RECEPTOR WITH ACID-RESISTANT INTERIOR, FLASHING CLAMP, STAINLESS STEEL GRATE, SS DOME BOTTOM STRAINER AND BOTTOM OUTLET, J.R. SMITH MODEL 3001. PROVIDE TRAP PRIMER CONNECTION FITTING. UNLESS NOTED OTHERWISE, PC SHALL ROUTE 1/2" CW PPP, PR-500 TRAP PRIMER FROM NEAREST CW SUPPLY TO EACH FLOOR DRAIN.

FD4: TYPE 304 STAINLESS STEEL FLANGED BODY AND SS SEDIMENT BUCKET, BOTTOM OUTLET, PROVIDE FLASHING CLAMP, 3/8" STAINLESS STEEL GRATE, J.R. SMITH MODEL 3009. PROVIDE TRAP PRIMER CONNECTION FITTING. UNLESS NOTED OTHERWISE, PC SHALL ROUTE 1/2" CW PPP, PR-500 TRAP PRIMER FROM NEAREST CW SUPPLY TO EACH FLOOR DRAIN.

FD5: TYPE 304 STAINLESS STEEL FLANGED RECEPTOR WITH ACID-RESISTANT INTERIOR, FLASHING CLAMP, FULL STAINLESS STEEL GRATE, SS DOME BOTTOM STRAINER AND BOTTOM OUTLET, J.R. SMITH MODEL 3001. PROVIDE TRAP PRIMER CONNECTION FITTING. UNLESS NOTED OTHERWISE, PC SHALL ROUTE 1/2" CW PPP, PR-500 TRAP PRIMER FROM NEAREST CW SUPPLY TO EACH FLOOR DRAIN.

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PLUMBING LEGEND, SCHEDULES AND DETAILS
RENOVATIONS TO THE COCALICO MIDDLE SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH 4TH STREET, DENVER BOROUGH, LANCASTER COUNTY PA

ALL DIMENSIONS AND EXISTING CONDITIONS
shall be CHECKED AND VERIFIED
by the CONTRACTOR at the SITE.

JOB NO.: 23001.00
DRAWN BY: RLC
DATE: 04.12.24