PLUMBING LEGEND

(NOT ALL SYMBOLS LISTED BELOW ARE BEING USED IN THIS SET OF PLUMBING DRAWINGS)

SYMBOL	ABBR	DESCRIPTION
MEDICAL		
—MA—	MA	MEDICAL AIR
—O—	O	OXYGEN
—VAC—	VAC	VACUUM
—NO—	NO	NITROUS OXIDE
—G—	G	NAT. GAS OUTLET
—O—	O	OXYGEN OUTLET
—V—	V	VACUUM OUTLET
—MA—	MA	MEDICAL AIR OUTLET
—MA—	MA	MED AIR OUTLET
SPRINKLER HEADS		
		EXISTING SPRINKLER HEAD TO REMAIN
		EXISTING SPRINKLER HEAD TO RELOCATED
		EXISTING SPRINKLER HEAD TO NEW LOCATION
A		NEW SPRINKLER HEAD TO MATCH EXISTING
PIPING:		
—(E)—	(E)	EXISTING PIPING
		EXISTING PIPING TO BE REMOVED
—CW—	CW	DOMESTIC COLD WATER
—HW—	HW	DOMESTIC HOT WATER
—T—	T	TEMPERED WATER
—HWC—	HWC	DOMESTIC HOT WATER CIRCULATING
—THW—	THW	DOMESTIC TEMP. HOT WATER
—SAN—	SAN	SANITARY WASTE ABOVE FLOOR
—SAN—	SAN	SANITARY WASTE BELOW FLOOR
—GW—	GW	GREASE WASTE BELOW FLOOR
—V—	V	SANITARY VENT
—ST—	ST	STORM PIPING ABOVE FLOOR
—ST—	ST	STORM PIPING BELOW FLOOR
—OD—	OD	STORM OVERFLOW ABOVE FLOOR
—OD—	OD	STORM OVERFLOW BELOW FLOOR
—G—	G	NATURAL GAS
—F—	F	FIRE
—DR—	DR	EQUIP. DRAIN
—A—	A	COMPRESSED AIR
—X— —SAN—		PIPE SIZE/ PIPE TYPE
FITTINGS:		
EJ	EJ	EXPANSION JOINT
	U	UNION
		THERMOMETER W/THERMOWELL
	AV	AIR VENT
FS	FC	FLEXIBLE PIPE CONNECTOR
FS	FS	FLOW SWITCH
PS	PS	PRESSURE SWITCH
	PG	PRESSURE GAUGE W/GAUGE COCK

SYMBOL	ABBR	DESCRIPTION
FITTINGS:		
		ELBOW UP
		ELBOW DOWN
		TEE UP
		TEE DOWN
		PIPE CAP OR PLUG
	GC	GAS COCK
	CO	CLEANOUT PLUG
	HB WH	HOSE BIBB, WALL HYDRANT
	VB	VACUUM BREAKER
	RD	ROOF DRAIN
	OD	OVERFLOW ROOF DRAIN
	DSN	DOWNSPOUT NOZZLE
	SA	SHOCK ARRESTOR W/BALL VALVE
	FD	FLOOR DRAIN
	AD	AREA DRAIN
	FCO	FLOOR CLEANOUT
	WCO	WALL CLEANOUT
	VTR	VENT THRU ROOF
	CR	CONCENTRIC REDUCER
	ER	ECCENTRIC REDUCER
	EJ	EXPANSION JOINT
VALVES:	DV	DRAIN VALVE W/ HOSE END CONN.
	CV	CHECK VALVE WITH INDICATION OF FLOW DIRECTION
	PRV	PRESSURE REDUCING VALVE
S	SV	SOLENOID VALVE
FC	FCV	AUTO FLOW CONTROL VALVE W/ TEST PORTS
	CS,BV	CIRCUIT SETTER OR BALANCING VALVE
	GLV	GLOBE VALVE (STRAIGHT PATTERN)
	GLV	GLOBE VALVE (ANGLE PATTERN)
	BFV	BUTTERFLY VALVE
	BV	BALL VALVE
	TCV	AUTOMATIC TEMP. CONTROL VALVE, 2-WAY
	TCV	AUTOMATIC TEMP. CONTROL VALVE, 3-WAY
	PV	PLUG VALVE
PG,MO PG,MO	TPR	TEMPERATURE/ PRESSURE RELIEF VALVE
		VALVE IN RISER
	STR	STRAINER W/ BLOW-OFF & CAPPED HOSE-END CONNECTION
		STEAM TRAP
	GV	GATE VALVE
	OS&Y	OUTSIDE STEM AND YOKE

SYMBOL	ABBR	DESCRIPTION
VALVES:	CS	CIRCUIT SETTER OR BALANCING VALVE
	POC	POINT OF CONN. (CONN. NEW TO EXISTING)
	POD	POINT OF DISCONNECTION
		ARROW INDICATES DIRECTION OF FLOW
UP		RISE IN DIRECTION OF FLOW
DN		DROP IN DIRECTION OF FLOW
	TB	THRUST BLOCK
	DN	DOWN
	AFF	ABOVE FIN. FLOOR
	AFG	ABOVE FIN. GRADE
	TOP	TOP OF PIPE (AFF)
	BOP	BOT. OF PIPE (AFF)
	I.E.	INVERT ELEVATION
	NTS	NOT TO SCALE
(E)	(E)	EXISTING
(N)	(N)	NEW
(R)	(R)	REMOVE OR RELOCATE

FIXTURE CONNECTION SCHEDULE

CODE	FIXTURE	SYMBOL ELEV	SYMBOL PLAN	SOIL/ WASTE	VENT CONN.	COLD WATER	HOT WATER
P-1	WATER CLOSET (WC)			4"	2"	1"	–
P-2	URINAL			2"	1 1/2"	1"	–
P-3	RESTROOM SINK (BODY)			–	–	–	–
P-4	RESTROOM SINK (FAUCET)			1 1/2"	1 1/2"	1/2"	1/2"
P-5	PANTRY SINK (BODY)			–	–	–	–
P-6	PANTRY SINK (FAUCET)			1 1/2"	1 1/2"	1/2"	1/2"
P-7	RESTROOM FLOOR DRAIN (FD)			2"	1 1/2"	–	–
P-8	BOILER RM FLOOR DRAIN (FD-1)			2 1/2"	1 1/2"	–	–
P-9	HOSE BIB (HB)			–	–	1/2"	–
DF	DRINKING FOUNTAIN			(2) 1½"	(2) 1½"	1/2"	–

SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIXTURE TYPE

PLUMBING AND DRAINAGE NOTES

1. ALL PLUMBING WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 16 AND REFERENCE STANDARD RS-16 OF THE NYC BUILDING CODE.

2. PLUMBING FIXTURES SHALL BE OF TYPE AND MANUFACTURE APPROVED FOR USE IN NEW YORK CITY.

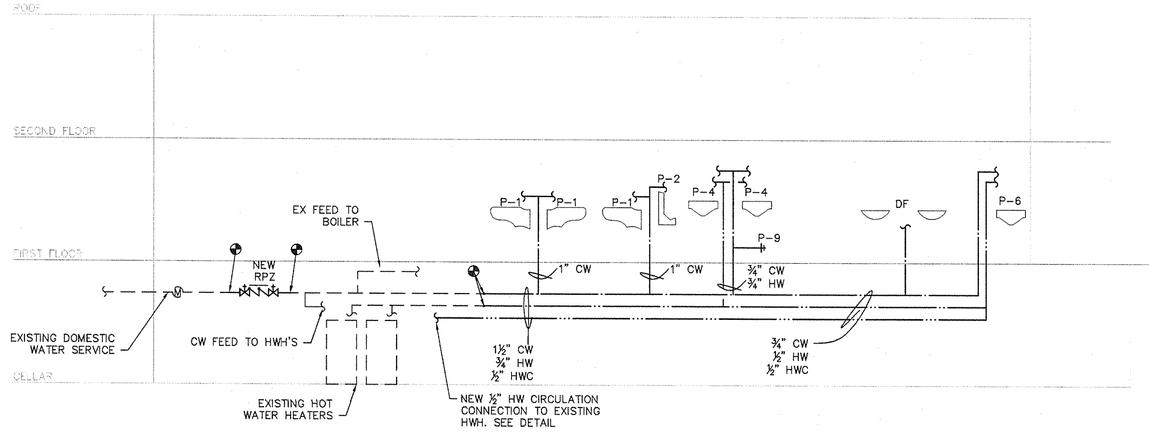
3. PLUMBING CONTRACTOR TO EXAMINE PROPOSED LAYOUT WITH REGARD TO EXISTING FIELD CONDITIONS, AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN ASSUMED FIELD CONDITIONS AND THOSE ENCOUNTERED DURING CONSTRUCTION. PLUMBING CONTRACTOR SHALL INFORM ARCHITECT OF ANY REVISIONS TO PLAN WHICH SHALL BE NECESSARY, BASED ON CONDITIONS UNCOVERED IN THE FIELD, IN ORDER TO INSTALL ALL FIXTURES, EQUIPMENT AND PIPING IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE NYC BUILDING CODE.

4. PLUMBING CONTRACTOR SHALL ARRANGE AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.

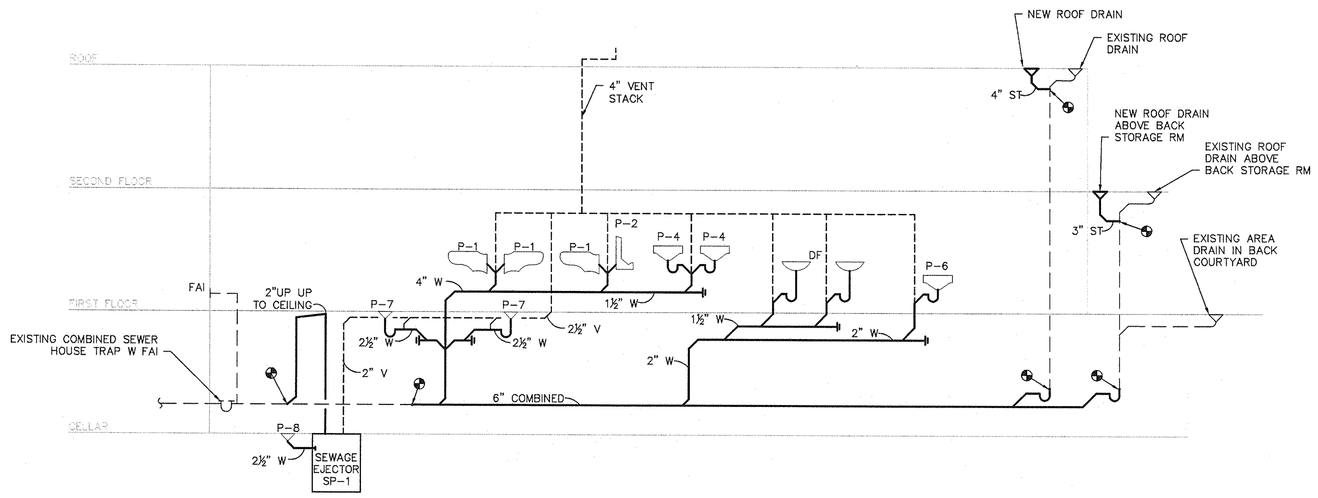
SEWAGE EJECTOR/SUMP PUMP SCHEDULE

CODE	MANUFACTURER/ MODEL NO.	SERVICE	TYPE	NO. OF PUMPS	GPM	HEAD (FT)	DISCHARGE SIZE	SUMP SIZE	ELECTRICAL HP	VOLT	PH	FLA	REMARKS
SP-1	LITTLE GIANT / PIT PLUS SIMPLEX	CELLAR	SUBMERSIBLE	1	14	15	2"	22" DIA X 30" DEEP	.5	120	1	13	
	PACKAGE SYSTEM 9S-SMPX-B	BOILER RM											

GENERAL NOTES
1. PROVIDE CHECK VALVE AND SHUT OFF VALVE ON PUMP. SEE GENERAL DETAIL ON DRAWINGS.
2. PROVIDE PREMIUM EFFICIENCY MOTORS FOR MOTORS 1 HP AND OVER PER MENA STANDARD MG1-2003, TABLES 12-12 AND 12-13.
3. PROVIDE FLOAT SWITCH ASSEMBLY



DOMESTIC WATER RISER DIAGRAM
N.T.S.



SANITARY RISER DIAGRAM
N.T.S.

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Project
BROOKLYN PHILHARMONIC MUSIC CENTER
299 DeGraw Street, Brooklyn, NY 11231

Prepared for
Brooklyn Philharmonic
55 Washington Street, Suite 656
Brooklyn, NY 11201

Contract No: 79.07250.09

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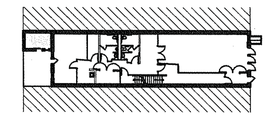
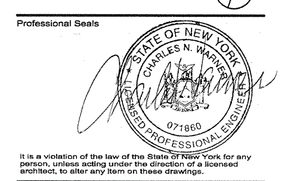
Key Plan



BLOCK: 414
LOT: 61

Professional Seals



It is a violation of the law of the State of New York for any person, unless acting under the direction of a licensed architect, to alter any item on these drawings.

No.	Issue Description	MM-DD-YYYY
1	ISSUED FOR FILING	06-14-2012
2	ISSUED FOR BID	07-20-2012

No.	Revision Description	MM-DD-YYYY

B-Scan

Drawn by AW Reviewed by EP
Project No 79.07250.09
Date June 1, 2011
CAPIS ID PV467BPHL

Sheet Title
PLUMBING LEGEND AND RISER DIAGRAMS

Sheet Number
P-001.00

Original drawing is 42 x 30 Do not scale contents of this drawing