



GAS METER RIG INSTALLATION NOTES:

GAS METER & REGULATOR RIG LAYOUT SHOWN IS FOR REFERENCE ONLY. FOR EXACT PIPING LAYOUT, PIPE SIZES AND BILL OF MATERIAL INFORMATION REFER TO THE "GAS METER & BOOSTER LAYOUT" BY GAS OPERATION DEPT. OF CON EDISON.

BASEMENT FLOOR NOTES - NEW WORK:

- FOR HVAC EQUIPMENT SEE HVAC DWGS.
- FOR ELECTRICAL EQUIPMENT SEE ELECTRICAL DWGS.
- PROVIDE GAS-FIRED HOT WATER AND EXPANSION TANK ON CONCRETE PAD TOGETHER WITH CIRCULATING PUMP, SUPPORTS AND ALL RELATED APPURTENANCES. FOR ADDITIONAL INFORMATION SEE SCHEDULES ON DRAWING P001 AND ELECTRICAL DRAWINGS. INSTALLATION OF ALL NEW PIPING, FITTINGS, CONTROLS, ELECTRICAL WIRING FOR THE NEW H.W.H. SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES AND AS PER MANUFACTURER'S INSTRUCTIONS. FOR PIPING SIZES AND CONNECTIONS SEE SCHEMATIC DIAGRAM ON DWG. P301. PROVIDE 'VENTLESS' HIGH-LOW GAS PRESSURE SWITCHES, BAROMETRIC DAMPER AND SPILL SWITCH FOR H.W.H. AS PER MANUFACTURER RECOMMENDATIONS.
- PROVIDE TYPE B GAS VENT FOR HW HEATER FLUE AS SHOWN ON THE PLAN. CONNECT FLUE TO EXISTING CHIMNEY WHERE INDICATED ON DRAWING. FOR FLUE CONNECTION TO THE EXISTING CHIMNEY SEE DETAIL ON DWG. P401.
- PROVIDE PUMPING AND PIPING SERVICE TO EMPTY THE DRAIN WATER FROM THE SUMP PIT. CLEAN EXISTING SUMP PIT, ALL EXISTING UNDERGROUND WASTE PIPING AND BLOW DOWN PIPING IN BOILER ROOM AND BOILER PIT, TOGETHER WITH FLOOR DRAINS. PROVIDE WATERPROOFING FOR 4'-0" L x 4'-0" W x 6'-0" DEEP (V.I.F.) SUMP PIT PRIOR TO NEW DUPLEX SUMP PUMP INSTALLATION. PROVIDE NEW SUMP PIT HEAVY DUTY CAST IRON 3/8" THICK CHECKERED MTYPE COVER WITH LOCKING DEVICE. PROVIDE NEW DUPLEX SUBMERSIBLE SUMP PUMPS (PUMPS #3&4) WITH GATE AND CHECK VALVES. CONNECT TWO (2) 2" PUMP DISCHARGE TO EXISTING 3" PUMP DISCHARGE PIPING (COMBINED) AS INDICATED ON DRAWING. FOR ADDITIONAL SUMP PUMP INFORMATION SEE SCHEDULE ON DWG. P001. STRUCTURAL AND ELECTRICAL DRAWINGS. FOR TYPICAL DETAIL SEE DWG. P401.
- PROVIDE 3/4" QUENCH COLD WATER WITH VACUUM BREAKER FOR COOLING OF BOILER BLOW DOWN TANK. RECONNECT PIPING TO EXISTING 3/4" QUENCH PIPING AT CEILING AS SHOWN ON THE DWG.
- PROVIDE 2" RPZ FEBCO MODEL #825Y WITH AIR GAP FITTING ON WATER MAKE UP WATER TO BOILER'S FEED AND OTHER HVAC EQUIPMENT. PROVIDE 6" FUNNEL DRAIN WITH 3" DRAIN PIPING SPILL TO NEW FLOOR DRAIN. FOR ADDITIONAL INFORMATION SEE DETAIL ON DWG. P301. FOR CONNECTION TO HVAC EQUIPMENT SEE HVAC DRAWINGS.
- PROVIDE 2" DRAIN PIPING FROM BLOW DOWN TANK TO EXISTING PIPING. FOR HARD CONNECTION FROM BOILER'S BLOWDOWN TO BLOW DOWN TANK SEE DETAIL ON HVAC DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO HIRE A 'CERTIFIED BACKFLOW PREVENTION DEVICE TESTER' TO CERTIFY AND PERFORM TESTING OF THE SECONDARY RPZ. PREPARE AND SUBMIT COPIES OF NYC DOB FORM OP129 TO BCC TO FACILITATE CLOSE-OUT OF THE PROJECT.
- ALL NEW PIPING TO BE PRESSURE TESTED, INCLUDING ALL EXISTING GAS PIPING AS PER NYC BLDG. CODE AND SCA SPEC. SECTION 15414.
- FOR TEMPORARY HOT WATER HEATER LOCATION AND INFORMATION SEE DWG. P001 AND DWG. P051.

G.C. NOTES:

- GENERAL CONTRACTOR SHALL COORDINATE ALL PLUMBING, ELECTRICAL AND GENERAL CONSTRUCTION WORK PRIOR TO ANY REMOVALS, REINSTALLATION AND NEW INSTALLATION.
- PROVIDE ACCESS OPENINGS AT WALL/CEILING TO INSTALL NEW GAS AND DOMESTIC WATER PIPING. REBUILD THE WALL/CEILING OPENINGS AFTER INSTALLATION OF NEW PLUMBING PIPING, FITTINGS & INSULATION AND FINISH THE WALL/CEILING TO MATCH ADJACENT FINISHES (I.E., TILES, PLASTER, PAINT, ETC.). PAINT THE PLASTER/GYPSUM BOARD TO THE NEAREST CORNER TO MATCH EXISTING.

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NOTE: Drawing may be
printed at reduced scale

No. Date Revision

Key Plan:

Block #3216 Lot #2

SCA Program Design Manager:	JOSE BAEZ, P.E.
Project Architect/Engineer:	P. DALY, P.E.
Discipline Lead:	ARIFUL GAFFAR P.E.
Designer:	ARIFUL GAFFAR P.E.
Drawn by:	ARIFUL GAFFAR, P.E.
Checked by:	ARIFUL GAFFAR P.E.
Design No.:	D015405
Facility Code:	X026
Date:	12/06/13

Project:
P.S 396X @ X026
PLANCK BOILER CONVERSION
AND CLIMATE CONTROL

Address:
1930 ANDREWS AVENUE,
BRONX, NY 10453

Drawing Title:
**BASEMENT PART PLAN
PLUMBING & DRAINAGE -
NEW WORK**

Drawing No.:	P101.00
Sheets in Contract Set:	23 of 79
Sheets in DOB Set:	23 of 59