

1 ARCHITECTURAL PART PLAN- BOILER ROOM
A101 SCALE: 1/8" = 1'-0"

KEY NOTES

- SUGGESTED ENTRY POINT FOR INSTALLATION AND REMOVAL OF BOILER ROOM EQUIPMENT.
- SEE A030 (SITE PLAN) AND STRUCTURAL DRAWINGS FOR WORK AT AREA WAY.
- REMOVE EXISTING BOILERS AND EQUIPMENT PIPING, BRIDGING AND MISCELLANEOUS EQUIPMENT AS PER MECHANICAL TRADE - SUPPORT/PROTECT ITEMS TO REMAIN.
- PROVIDE AND INSTALL 2 NEW BOILERS, CHEMICAL FEED, BOILER FEED AND VACUUM PUMP AS PER MECHANICAL TRADE.
- REMOVE EXISTG. EQUIPMENT AND EQUIPMENT PADS. PROVIDE 1'-0" ± NEW CONC. FILL @ BOILER PIT, FUEL OIL TANK & TANK ROOM. SEE STRUCTURAL DWGS. REPAIR (FILL AND SMOOTH) CONCRETE FLOOR WITH STRUCTURAL REPAIR COMPOUND (AS PER SPECS) AT REMOVED CONCRETE PADS.
- INSTALL NEW CONCRETE BOILER AND EQUIPMENT PADS AS PER STRUCTURAL TRADE AND AS RECOMMENDED BY BOILER MANUFACTURER. FINAL LOCATIONS AND DIMENSIONS TO BE CO-ORDINATE WITH MECHANICAL MANUFACTURER.
- PAINT ENTIRE BOILER ROOM OPEN CELLAR AREA, GAS METER ROOM AND FORMER OIL TANK ROOM WALLS, FLOORS AND CEILINGS (SEE SPECS FOR PAINT) - COLOR AS PER CUSTODIAN.
- PROVIDE LADDER AND PLATFORM AS PER OSHA APPROVED CODE. SEE STRUCTURAL DRAWINGS. EXTEND THE PLATFORM & RAILING TO SAFETY VALVE. SUPPORT ENTIRE PLATFORM AS PER STRUCTURAL TRADE. PROVIDE SHOP DRAWINGS AFTER THE BOILER SUBMISSIONS HAVE BEEN APPROVED. LOCATION AS PER STRUCTURAL TRADE - FIELD COORDINATE.
- PROVIDE AND INSTALL NEW GAS METER EQUIPMENT AS PER PLUMBING TRADE AND CONCRETE PADS AS PER STRUCTURAL TRADE. PROVIDE LAYOUT FOR APPROVAL PRIOR TO INSTALLATION.
- NEW GAS ENTRY AS PER PLUMBING TRADE. CO-ORDINATE WITH UTILITY AND PLUMBING TRADE FOR EXACT LOCATION AND HEIGHT. SEE SITE PLAN ON A030.
- NOTE: ALL EXISTING AND NEW PIPE PENETRATIONS AT ALL RATED WALLS (INCLUDING ALL WALLS AT NEWLY DESIGNATED RATED SPACE) MUST BE FIRE SEALED AS PER SPECS. SEE DETAILS ON MECH. DRAWINGS
- NEW DRAIN. SEE PLUMBING
- NEW SIGN ON WALL ADJACENT TO NEW DOOR AT GAS METER RM TO READ "GAS METER RM -NO STORAGE PERMITTED". SEE SPEC FOR SIGNAGE.
- INSTALL NEW 3'-0" X 7'-0" (3) HOUR FIRE RATED DOOR (D1) IN NEW WALL WITH NEW BOND BEAM LINTEL AS PER STRUCTURAL TRADE. FOR DOOR DETAIL SEE DWG. A036
- CUT SECTION OF EXISTING FENCE AND INSTALL NEW FENCE AS REQUIRED AND SHOWN. WELD, GRIND AND PAINT AS PER SPECS.
- REMOVE EXISTING RAILING FOR ACES TO PIT. INSTALL NEW CONTINUOUS RAILING WITH POSTS (SURFACE MOUNTED, OSHA REGULATION) SEE ARCHITECTURAL DETAILS, MEP & STRUCTURAL DRAWINGS FOR ADDITIONAL INFO. PROVIDE SHOP DRAWINGS. PREPARE AND PAINT AS PER SPECS.
- REMOVE EXISTING OIL TANKS AND EQUIPMENT IN EXISTING OIL TANK ROOMS. SEE MEP AND STRUCTURAL DWGS FOR ADDITIONAL INFO.
- TAKE CARE TO KEEP THE EXISTING CONCRETE STEPS. MODIFY BY REMOVING 1 RISER, CUT BACK RAILING. SEE ARCHITECTURAL DETAILS, MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
- EXISTING CHIMNEY TO REMAIN. REMOVE EXISTING BRICK AND FIRE BRICK IN SAW TOOTH PATTERN TO ALLOW FOR INSTALLATION OF NEW CHIMNEY LINER AS REQUIRED AND INDICATED BY MECHANICAL AND STRUCTURAL TRADES. CLOSE UP OPENING WITH NEW BRICK TO MATCH EXISTING (BOTH FIRE BRICK AND FACE BRICK).
- SCRAPE EXISTING PAINT OFF FROM SURFACE OF THE WALL; PREPARE SURFACE FOR NEW FINISH. SEE SPEC. SECTION 09900. LEAVE BOTTOM 3 COARSESS-BARE (NO NEW FINISH).
- NOT USED.
- NOT USED
- NOT USED
- NOT USED
- NOT USED.
- PROVIDE AND INSTALL NEW VACUUM PUMP AS PER MECHANICAL TRADE.
- PROVIDE AND INSTALL NEW CHEMICAL FEED AS PER MECHANICAL TRADE.
- PROVIDE AND INSTALL NEW BOILER FEED AS PER MECHANICAL TRADE.
- PROVIDE AND INSTALL NEW HOT WATER HEATER AS PER PLUMBING TRADE. PROVIDE PAD AS SHOWN.
- NEW TEMPORARY HOT WATER HEATER AS PER PLUMBING TRADE.
- NOT USED
- NOT USED
- NEW SUMP PUMP TO BE PROVIDED - SEE PLUMB. TRADE.
- REMOVE PORTION OF THE CMU WALLS AND DOOR UP TO SLAB ABOVE. PATCH & PREPARE FOR NEW PAINT FINISH AT ADJACENT SURFACE WHERE WALL WAS REMOVED.
- REMOVE EXISTING DOOR AND LADDER CLOSE EXISTING OPENING WITH FIRE RATED WALL CONSTRUCTION. SEE DETAIL 3 OF DWG A036.00

President & CEO
Lorraine Grillo

Board of Trustees
Chancellor Carmen Farfio, Chairman
Curtis A. Harris
Emily A. Youssouf



Architecture & Engineering

E. Bruce Barrett, R.A. LEED A.P., Vice President
Eian R. Abner, P.E., Senior Director, Design Consultant Management
Stanley Dolir, R.A., Director, Quality Control & Construction Support
Mario A. Gómez, P.E., LEED A.P., Director, A&E In-House Design
George D. Roussey, P.E., LEED A.P., Director, Technical Standards
Stacey Spann-Thom, Director, Operations Support

Consultants:

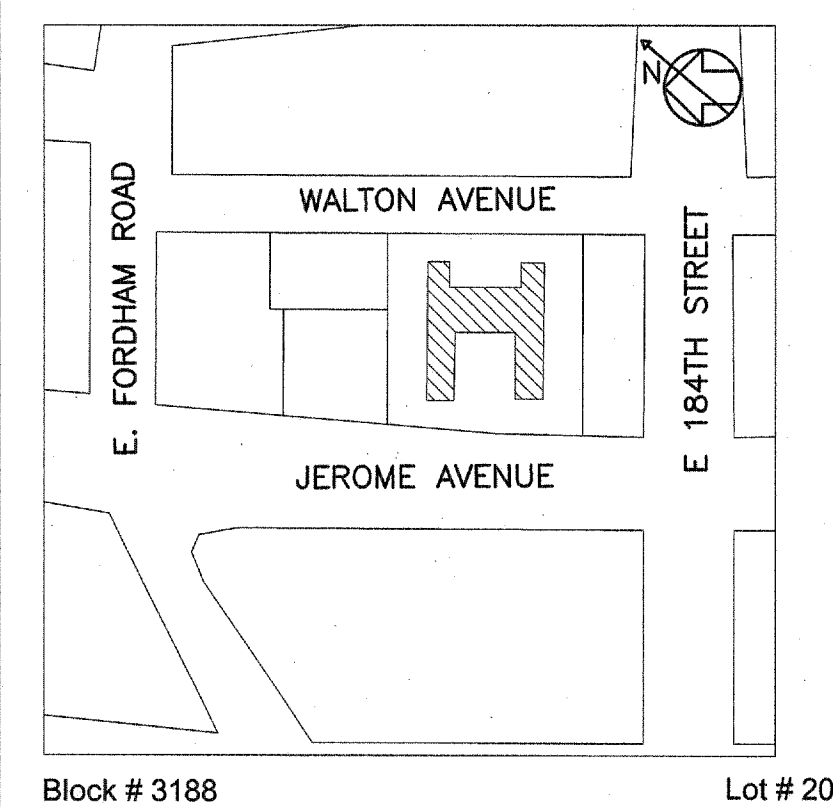
NOTE: Drawing may be printed at reduced scale

IT IS A VIOLATION OF THE STATE EDUCATION LAW SECTION 7209 (2) FOR ANY PERSON TO ALTER AN ITEM IN ANY WAY UNLESS SUCH PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, AND THE ENGINEER STAMPS SUCH CHANGES

1 12/06/2013 ISSUE FOR CONSTRUCTION

No. Date Revision

Key Plan:



SCA Program Design Manager: J. BAEZ

Project Architect/Engineer: P. DALY P.E.

Discipline Lead: EDWARD ANASTASIO, R.A.

Designer: E. ANASTASIO, R.A./ T. GAFFAR

Drawn by: TAHMINA GAFFAR

Checked by: EDWARD ANASTASIO, R.A.

Design No.: D015404

Facility Code: X033

Date: 12/06/2013

Project:
P.S. 33, BRONX
PLANANC BOILER CONVERSION
AND CLIMATE CONTROL
Address:
2424 JEROME AVENUE,
BRONX, NY 10468

Drawing Title:

BOILER ROOM PLAN

Drawing No.:
A101.00

Sheets in Contract Set:
7 of 58

Sheets in DOB Set:
7 of 41

Design V:\033\015404\Draws\A101.dwg 02/25/14 - 408pm