

# HOUSING AUTHORITY OF BERGEN COUNTY

ONE BERGEN COUNTY PLAZA, 2<sup>ND</sup> FLOOR HACKENSACK, N.J. 07601

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# **RFP ADDENDUM NOTICE**

To: All Prospective Bidders

Addendum Number: No. 1

Issued by: Erick Martinez, Purchasing Agent

Date: July 7, 2021

Project/Service Name: DHW Replacement at Highland View Apartments

Bid Dated: June 27, 2021
Bid Number: HABC 2021.07.14.02

The above referenced project/service is hereby amended as set forth below. Bidders MUST acknowledge receipt of this addendum, by completing, signing, and submitting with their Bid the Acknowledgment of Receipt of Addenda Form.

### **Description of Addendum:**

The following constitutes Addendum No. 1 to the above referenced solicitation.

The addendum is in response to a bidder's request for *ENGINEERING DRAWINGS*. Part ONE of this addendum provides the ENGINEERING DRAWINGS, which SHALL become part of specifications dated June 25, 2021.

Original Bid Submission Due Date: July 14, 2021, at 9:30 A.M. shall remain UNCHANGED.

**PART ONE:** 

# \*SEE ENGINEERING DRAWINGS ON ATTACHED PAGES\*

It is the sole responsibility of the Bidder to be knowledgeable of all of the additions, deletions, clarifications and modifications to this Bid and/or the Standard Terms and Conditions relative to this Bid as set forth in all addenda.

Except as provided herein, all terms and conditions of the solicitation and any previous addenda remain unchanged and in full force and effect. Please note that the above-mentioned addenda shall become part of the specifications by reference hereto, having the same binding effect as provisions of the original specifications.

The Housing Authority of Bergen County's interpretation of the meaning and intent of these Bid documents, specifications and addenda items shall be final and conclusive.

**END OF ADDENDUM NO. 1** 

 NJ Certificate of Authorization

 Eng'r. Nos.
 24GA27937500

 Arch. Nos.
 21AC00012400

 Date
 6/4/2021

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THOMAS WIGHARD, P. PROFESSIONAL ENGINEER LICENSE NO.

Revisions:

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UNTY HOUSING AUTHORITY VATER HEATER REPLACEMENT AT ND VIEW APARTMENTS VE, PALISADES PARK, NJ 0765C

BERG DOMESTIC 300 HIGHL

File No. 259161P201

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Job No. 2.2591.61

#### Plumbing General Notes **General Notes** PLUMBING CONTRACTOR SHALL VISIT JOB SITE AND NOTE ALL EXISTING CONDITIONS TO BE MET ALL WORK SHALL CONFORM TO NEW JERSEY STATE ENERGY CODE, BEFORE SUBMITTING BID. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND SHOW THE NATIONAL STANDARD PLUMBING CODE, AND ALL OTHER APPLICABLE DOMESTIC HOT WATER HEATER SCHEDULE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION. 2. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT ( A.O. SMITH AS STANDARD) 2. PLUMBING CONTRACTOR TO PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT WORK, OBTAIN AND PAY FOR ALL NECESSARY CERTIFICATES OF AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR RECOVER RATE APPROVAL FOR WORK, AND PAY FOR ANY LEGAL FEES. COMMENCING WORK. ELECTRICAL DATA INPUT RATING STORAGE @100° RISER | FLUE SIZE | INTAKE SIZE | ELECTRICAL DATA (VOLT / PH / HX) TAG LOCATION SERVICE MODEL MANUFACTERER NOTES CAPACITY (GAL) (MBH/CFH) 3. INSTALLATION TO COMPLY WITH ALL FEDERAL, STATE, MUNICIPAL LAWS, AND ALL CODES, RULES, 3. CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL ORDINANCES, AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK. THE LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED IN THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES. AND ADDRESS ALL DOMESTIC SEE NOTE(S) BELOW 119 3" Ø 3" Ø 120 / 1 / 60 BTH-400 Mxi A.O. SMITH MECH ROOM QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK. WATER SYSTEM 4. PLUMBING CONTRACTOR TO PROVIDE TEMPORARY WATER. OWNER TO PAY FOR WATER 4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP WORK NOTE: PROVIDE CONCENTRIC VENT KIT OUT THRU WALL AREAS UPON COMPLETION OF WORK. CONSUMED. 5. PIPE INSTALLATION AS FOLLOWS: 5. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED 5.A. ALL PIPING TO BE PITCHED TO LOW POINTS WITH DRAIN VALVES, SOIL, STORM, AND PERMITS, FEES AND INSPECTIONS PRIOR TO COMMENCING WORK. WASTE TO BE SLOPED @ 1/8" PER FOOT MIN. UPON COMPLETION OF WORK THE CONTRACTOR SHALL SECURE SLEEVE PIPING THAT PASSES THROUGH WALLS CERTIFICATE OF OCCUPANCY. PROVIDE ROD HANGERS WITH CLEVIS PIPE SUPPORT PER NATIONAL PLUMBING CODE 6. CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL PROVIDE VALVES REQUIRED FOR COMPLETE CONTROL OF ALL SYSTEMS. STOP VALVES DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER. FOR SUPPLY TO ALL FIXTURES TO BE CHROME PLATED WHERE EXPOSED. PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND CLEANOUTS SEE 4/P-2 FOR DETAILS. (E) 1-1/4" GAS. 6. PLUMBING CONTRACTOR TO PERFORM ALL TESTING OF THE PLUMBING WORK IN THE PRESENCE Phasing Notes 2 PSI (VIF) OF THE OWNER. PROVIDE ALL APPARATUS, TEMPORARY CONNECTIONS, AND OTHER - REMOVE TWO (2) EXISTING BOILERS REQUIREMENTS TO DO SUCH TESTS. ANY DEFECTS, LEAKS, ETC. WILL BE REPLACED AND TEST (N) 2" GAS, AND THREE (3) HEAT EXCHANGERS REPEATED UNTIL TEST REQUIREMENTS ARE MET. 7" W.C. AND ALL ASSOCIATED EQUIPMENT. CONTRACTOR TO PERFORM WORK IN PHASES AS INDICATED BELOW. ACCESSORIES, ELECTRICAL, AND 7. SUBMIT SHOP DRAWINGS OF ALL WORK TO BE DONE, EQUIPMENT, AND FIXTURES FURNISHED. ALL EQUIPMENT TO BE REMOVED SHALL BE HANDED OVER TO OWNER PIPING. EQUIPMENT TO BE HANDED FOR POTENTIAL REUSE. OVER TO OWNER FOR POTENTIAL 8. PLUMBING CONTRACTOR TO CARRY OUT PERIODIC CLEANING TO REMOVE RUBBISH ETC., TO BOILER ROOM REUSE. SEE PHASING NOTES FOR LEAVE PREMISES FREE FROM DEBRIS, AND DISCARDED MATERIALS. AFTER INSTALLATION, CLEAN PHASE 1: EXISTING 1-1/4" (VIF) GAS PIPING FROM METER TO BE ADDITIONAL INFORMATION. FIXTURES, FITTINGS, ETC. AND LEAVE READY FOR USE. REMOVED AND REPLACED WITH 2" GAS PIPING TO ACCOMMODATE <u> ACCU-2</u> NEW 4" CONCENTRIC VENTS. NEW EQUIPMENT. REMOVE ONE (1) HX AND ALL ASSOCIATED PIPING, (N) CONCRETE PAD. PATCH AND SEAL AROUND · (N) 3" FAI (TYP) VALVES, ELECTRICAL, ETC. INSTALL ONE (1) NEW HWH COMPLETE SEE 8/P-2 FOR DETAIL WALL VENT PENETRATIONS. BOILER ROOM WITH PIPING, VALVES, ELECTRICAL, ETC AS INDICATED ON PLANS. SEE 3/P-2 FOR DETAIL. REMOVE EXISTING BOILER **General Demolition Notes** (E) 1-1/4" GAS TO RTU ON ROOF DCW (TYP) VENTS. TWO EXISTING PHASE 2: REMOVE A SECOND HX AND ALL ASSOCIATED PIPING, 200 CFH, 7" W.C. MASONRY OPENINGS TO VALVES, ELECTRICAL, ETC. INSTALL SECOND NEW HWH COMPLETE (E) AHU-2 WITH PIPING, VALVES, ELECTRICAL, ETC AS INDICATED ON PLANS. BE REUSED FOR FUTURE (E) AHU-2 SIZES & LOCATIONS OF EXIST. HVAC/MECH. EQUIPMENT, DUCTWORK, PIPING, AIR CONCENTRIC VENTS = INLETS/OUTLETS, ETC. SHOWN ON DRAWINGS ARE BASED ON EXIST. DRAWINGS & SITE PATHX1XI PHASE 3: REMOVE THE THIRD HX AND TWO (2) BOILERS WITH ALL **♀**(N) 3" EXH (TYP) OBSERVATIONS, & THEY ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO VERIFY EXACT ASSOCIATED PIPING, VALVES, VENTS, FRESH AIR INTAKE, (E) CONCRETE PAD TO LOCATIONS IN FIELD. ELECTRICAL, ETC. BOILER <u>B-1</u> TO REMAIN AND SERVE <u>HWC-1</u> OF (N) 2" GAS REMAIN 800 CFH, 7" W.C. (E) HWC-1 NOT ALL EXIST. DUCTWORK, PIPING, VALVES, ETC. ARE SHOWN ON DRAWINGS. VERIFY IN FIELD (E) 1-1/2" HWR (N) 1-1/2" DHW (TYP) WHERE APPLICABLE, PATCH ALL OPENINGS ON WALLS AFTER EXIST. EQUIPMENT, DUCTWORK & PIPING, ETC. ARE REMOVED. INFILL & PATCH W/ SUITABLE MATERIALS TO MAINTAIN FIRE RATING (N) 1-1/4" GAS & PAINT TO MATCH EXISTING. 400 CFH, 7" W.C. (N) 2-1/2" DCW REMOVE EXISTING GAS, . ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR MECHANICAL DEMOLITION IS HWS, HWR, DCW, DHW (N) 2-1/2" THE RESPONSIBILITY OF THE CONTRACTOR. PIPING UP TO POINTS CONTRACTOR IS RESPONSIBLE TO DRAIN-DOWN EXIST. HEATING PIPING SYSTEM TO SHOWN. ALL PIPING TO BE ELEV. MECH. CAPPED AND PREPPED ACCOMMODATE MECHANICAL DEMOLITION & NEW INSTALLATION. RESTORE THE SYSTEM AFTER FOR INSTALLATION OF NEW PIPING. ALL EXIST. PNEUMATIC AIR TUBING ASSOCIATED W/ DEMOLISHED HVAC/HV EQUIPMENT THAT ARE ACCESSIBLE (ABOVE CLG., EXPOSED IN SPACES, NEAR EQUIPMENT, TO/FROM EXIST. PNEUMATIC (E) 2-1/2" DCW ELEV. MECH. CONTROL PANELS, ETC.) SHALL BE REMOVED IN ENTIRETY. EXIST. PNEUMATIC AIR TUBING THAT ARE NOT ACCESSIBLE (IN MASONRY WALLS, ETC.) SHALL BE CAPPED AND ABANDONED IN PLACE. (E) 2-1/2" DHW CHECK IN FIELD (E) 2-1/2" DCW ALL EXIST. CONTROLS & RELATED WIRING & CONDUITS, ETC. WHICH BECOME OBSOLETE, WHETHER OR NOT SHOWN ON DRAWINGS SHALL BE REMOVED. PATCH WALLS & SOFFIT, ETC. & (E) 3/8" DCW − PAINT TO MATCH EXISTING. CONTRACTOR IS REQUIRED TO PROPERLY PROTECT EXIST. FLOORS, WALLS, FURNITURE EQUIPMENT, ETC. DURING CONSTRUCTION. ALL DAMAGED ITEMS SHALL BE REPAIRED/REPLACED BOILER ROOM PROPOSED PLUMBING PLAN BOILER ROOM PLUMBING DEMOLITION PLAN AT EXPENSE OF THE CONTRACTOR. REMOVE PROTECTIONS AFTER ALL WORK IS COMPLETE & VACUUM CLEAN ALL AREAS TO BE FREE OF DUST & DEBRIS. CONTRACTOR IS REQUIRED TO CAREFULLY REMOVE EXIST. EQUIPMENT, DUCTWORK, ETC. AS NOT TO DISTURB POTENTIAL EXIST. ASBESTOS FLOOR TILES & PLASTER CEILING THROUGHOUT 2-1/2" DHW TO (E) MAIN -2-1/2" DCW --SHEET METAL STRAP (TYP.) 4" Ø PVC − INTAKE & FLUE GAS CONNECT TO HWH GAS SERVICE. (1180 CFH, 2 PSI, VIF 6" TO 12" HOT WATER SYSTEM PIPING DIAGRAM **CONCENTRIC VENT DETAIL** GAS RISER DIAGRAM PROVIDE A SECTION OF HIGH HANGER ROD ----**COMPRESSION STRENGTH** INSULATION AT EACH HANGER **GALVANIZED CLEVIS** POINT. INSULATION MAY BE **BROOM FINISH** SUPPORT HANGER HALF ROUND OR FULL ROUND & EXTENDED 2" BEYOND GALV. NEW EQUIP. SIZE +6" BOTH DIRECTIONS SHIELD EA. WAY. REFER TO PLANS FOR DIMENSIONS - GAS SHUT-OFF VALVE INSULATION WHERE **INSTALL LOCKED-UP TYPE** INSULATION REQUIRED PRESSURE REGULATOR IF WHERE EXIST. GAS PRESSURE REQUIRED EXCEEDS 10"0 W.C. CHECK IN FIELD GAS LINE (SEE PLAN CONNECT TO FOR SIZE) EACH DHWH 6x6- 10WWF 4" BELOW TOP GALV. IRON UNISTRUT CHANNE DRIP LEG SHEET SHIELD 6" THICK POURED CONCRETE PAD 1. ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM (12" LONG) 4000 PSI CONCRETE THE STEEL STRUCTURE TO THE TOP CORD OF JOISTS MAX 6% AIR ENTRAINED 2. PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE. GAS CONNECTION DETAIL PIPE SUPPORT DETAILS **CONCRETE PAD DETAIL** P-2 N.T.S.

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 Date
 6/4/2021

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AS WIGHARD, P.E.

Revisions:

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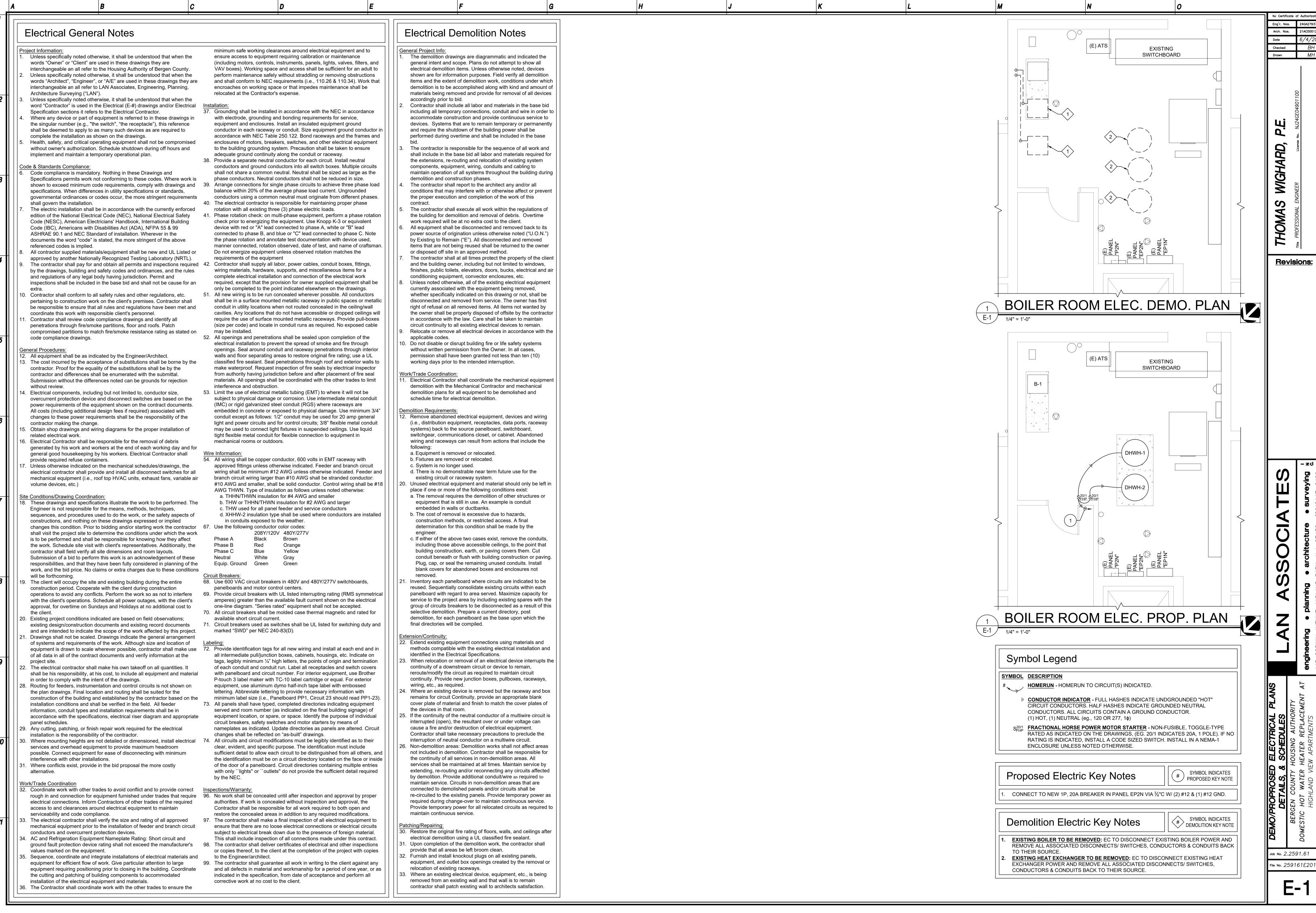
445 GODWIN AVENUE,

BERGEN COUNTY HOUSING AUTHORIT
STIC HOT WATER HEATER REPLACEME
HIGHLAND VIEW APARTMENTS
HIGHLAND AND DAILSADES DABY NI

Job No. 2.2591.61

File No. 259161P201

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**Revisions:** 

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