MSBA ACCELERATED REPAIR PROGRAM
BOILER REPLACEMENT

TRINITY DAY ACADEMY
181 HILLMAN STREET
NEW BEDFORD, MA 02740
MSBA PROJECT # 201802010510

CONSTRUCTION DOCUMENTS
MARCH 27, 2019

ARCHITECT
HABEEB & ASSOCIATES
ARCHITECTS
150 LONGWATER DRIVE
NORWELL, MA 02061
TEL: 781-871-9804 / FAX: 781-871-9805
www.habeebarch.com

OWNERS PROJECT MANAGER
THE VERTEX COMPANIES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
TEL: 781-952-6000
bfors@vertexeng.com

OWNER / AWARDING AUTHORITY
CITY OF NEW BEDFORD
CITY HALL, 133 WILLIAM STREET
NEW BEDFORD, MA 02740

MEP CONSULTANT
SHEKAR & ASSOCIATES, INC.
775 PLEASANT STREET UNIT 14
EAST WEYMOUTH, MA 02189
TEL: 781-337-8347

DRAWING LIST

GENERAL
G-001 TITLE SHEET
G-002 ARCHITECTURAL SITE PLAN

ARCHITECTURAL
A-100 PARTIAL DEMOLITION AND NEW FLOOR PLANS
A-200 PARTIAL EXTERIOR ELEVATIONS AND DETAILS

PLUMBING
P-100 PLUMBING DEMOLITION PLANS
P-200 PLUMBING NEW WORK PLANS
P-300 PLUMBING DETAIL SHEET

MECHANICAL
H-100 HVAC DEMOLITION PLANS
H-200 HVAC NEW WORK PLANS
H-300 HVAC DETAIL SHEET 1
H-400 HVAC DETAIL SHEET 2

ELECTRICAL
E-100 ELECTRICAL DEMOLITION PLANS
E-200 ELECTRICAL NEW WORK PLANS

FILED SUB-BIDS CONTRACT SPECIFICATION LEGEND

NOTE:
ALL OTHER WORK NOT INCLUDED IN FILED SUB-BIDDERS SCOPE SHALL BE DONE
BY THE GENERAL CONTRACTOR (PRIME)

LOCUS PLAN (NOT TO SCALE)
1. Protect all existing trees, before and during demolition, and in proximity to the work area including contractor's temporary facilities and fenced areas.
2. All damage due to construction-related work, including but not limited to, temporary protection, shall be replaced.
3. All trees and shrubs damaged by construction-related work shall be replaced.
4. All conditions damaged by construction-related work, including but not limited to, temporary protection, shall be replaced.
5. The building shall be occupied during construction. All exits and entrances shall be maintained clear and safe. Provide temporary barricades to protect the building from the work area.
6. The contractor shall coordinate with the owner and school for an entrance and exit to be used by the contractor and sub-contractors.

GENERAL SITE NOTES

1. Protect all existing trees, before and during demolition, and in proximity to the work area including contractor's temporary facilities and fenced areas.
2. All damage due to construction-related work, including but not limited to, temporary protection, shall be replaced.
3. All trees and shrubs damaged by construction-related work shall be replaced.
4. All conditions damaged by construction-related work, including but not limited to, temporary protection, shall be replaced.
5. The building shall be occupied during construction. All exits and entrances shall be maintained clear and safe. Provide temporary barricades to protect the building from the work area.
6. The contractor shall coordinate with the owner and school for an entrance and exit to be used by the contractor and sub-contractors.

ARCHITECTURAL SITE PLAN

PROPOSED FENCED IN CONTRACTOR STORAGE AND LAY-DOWN AREA WITH LOCKING ENTRANCES. SEE SPECIFICATION SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS. COORDINATE EXACT LOCATION WITH OWNER AND OWNERS PROJECT MANAGER. LOCATION IS SUBJECT TO THE DISCRETION OF THE OWNER / SCHOOL.
REMOVE EXISTING VENT HOOD AND 12" INTAKE PIPE
REMOVE EXISTING 14" DIA. BOILER VENT STACK AND BRACKETS
CORE NEW 8" PENETRATIONS IN EXISTING MASONRY WALL, SEE MEP DRAWINGS
REMOVE (3) EXISTING GAS VENT PIPES, BY 220" SEE MEP DRAWINGS
6" CLR
EQ
EQ

INFILL ALL FASTENER HOLES WITH SOLID GROUT TINTED TO MATCH EXISTING BRICK, FULL DEPTH, TYPICAL
NEW 10" DIA. STAINLESS STEEL BOILER FLUE, SEE MEP DRAWINGS

PROVIDE STAINLESS STEEL MASONRY FASTENERS W/ NEOPRENE GASKETS @ 4" O.C. AROUND PERIMETER OF COLLAR, PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT

NO SEALANT AT BOTTOM OF COLLAR
CONT. BEAD HIGH GRADE URETHANE SEALANT AT SIDES AND TOP OF COLLAR
PROVIDE STAINLESS STEEL MASONRY FASTENERS TO MOUNT STAINLESS STEEL COLLAR, PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT

INFILL ALL FASTENER HOLES WITH SOLID GROUT TINTED TO MATCH EXISTING BRICK, 2" MIN. THICKNESS

NOTES
ALL FASTENERS TO BE STAINLESS STEEL W/ NEOPRENE WASHERS
CONT. BEAD HIGH GRADE URETHANE SEALANT AT SIDES AND TOP OF COLLAR
FULLY PACK CAVITY WITH MINERAL WOOL AROUND BOILER FLUE PIPE


PROVIDE NEW STAINLESS STEEL COLLAR SET IN FULL BED OF HIGH GRADE URETHANE SEALANT AT MASONRY WALL AND BOILER FLUE PIPE, PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT

NOTE:
NO SEALANT AT BOTTOM OF COLLAR
CONT. BEAD HIGH GRADE URETHANE SEALANT AT SIDES AND TOP OF COLLAR


PROVIDE NEW STAINLESS STEEL MASONRY FASTENERS W/ NEOPRENE GASKETS @ 4" O.C. AROUND PERIMETER OF COLLAR, PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT