

The attention of bidders submitting proposals for the subject project noted above is called to the following Addendum to the Contract Forms and Specifications.

The items set forth herein, whether of omission, addition, substitution or clarification are to be included in and form a part of the proposal submitted.

**THE NUMBER OF THIS ADDENDUM MUST BE ENTERED IN THE SPACE PROVIDED ON THE BID PROPOSAL FORM.**

This Addendum consists of the following information:

- Part 1 Division #0 & 1, Bidding and Contract Requirements
- Part 2 Technical Changes, Architectural, Structural and Civil
- Part 3 Technical Changes, Mechanical, Electrical and Plumbing
- Part 4 Drawing Changes, Architectural and Civil
- Part 5 Drawing Changes, Structural .....NOT USED
- Part 6 Drawing Changes, Mechanical, Electrical and Plumbing
- Part 7 Clarifications
- Part 8 New Issues – List of attached Documents

**Part 1 Division #0 & 1, Bidding and Contract Requirements**

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- 1. **ADD** spec section 00 70 01 Insurance Rider. This shall serve as the insurance requirements of this job in lieu of “Exhibit A” referenced in the Standard Form of Agreement Between Owner and Contractor.
- 2. 01 50 00 – E. Waste Disposal Facilities - **REVISE** first sentence to “GC shall provide suitable waste-collection containers for the use of all Prime Contractors. Items larger than the container capacity shall be removed from the site by the respective Prime Contractor. Containers shall be protected from access by the public by fencing as may be specified herein or approved by the Architect.”
- 3. 01 73 00 – See Clarifications below in this addendum.

**Part 2 Technical Changes, Architectural, Structural and Civil**

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- 1. C201 – **ADD** note “GC shall provide trenching, backfill and surface restoration where HVAC Contractor to replace fuel oil piping as shown on H101/1 and H201/1&2”

**Part 3 Technical Changes, Mechanical, Electrical and Plumbing**

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- 1. **ADD** spec section 230190 Pumps, attached to this addendum.
- 2. **ADD** spec section 230280 Duct Mounted Coils, attached to this addendum.
- 3. **ADD** spec section 230290 Direct Expansion Coils, attached to this addendum.

**Part 4 Drawing Changes, Architectural and Civil**

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- 1. A203/2 – **CHANGE** wall type in Boys Room 217 (west wall) to wall type M6.

**Part 6 Drawing Changes, Mechanical, Electrical and Plumbing**

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1. H201, H202, H203 – **ADD** note “Replace all existing registers and diffusers shown on the Drawings in Toilet rooms LL54, LL16, LL17, LL13, 114, 118, 119, 139, 217, 218, 218A, 233 with Mark B registers. See the Schedule of Registers and Diffusers on H301 for more details. Match existing size and airflow.”
2. H401 – **ADD** Underground Pipe Wall Penetration Detail and Trench & Bedding Detail. See SK-H1.

## Part 7 Clarifications

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1. **A101** – Demolition General Note 12 – The owner agreed to remove furniture and miscellaneous items on a room-by-room basis prior to demolition, however, Contractor shall ultimately be responsible for removals as noted so that removals by owner will not be basis for a delay in the schedule. Contractor shall notify the Owner at least 2 weeks in advance to allow time for the Owner to clear the rooms.
2. **PH101/0** – The fenced-in area designated as Storage & Staging Area 3 in the parking lot to the north of the building is not within the Owner’s property. The adjacent property owner (Children’s Village) has agreed to allow Contractors to use a portion of this parking lot, provided the Contractors maintain/restore the area to existing condition. Bidders should assume that an area approximately the size shown on the Drawings will be made available. Exact size and location shall be negotiated with the winning bidders.
3. **Alternate No. 3** is all work associated with the addition of the canopy and piers. Site work as shown on C201 is Base Bid.
4. **H301** - Cooling Cap. BTU/Hr for CC/2 under Schedule of DX Cooling Coils shall read 180,000.
5. **E201** - All corridor normal lighting shall be circuited to panelboard LP-B#27a and emergency lighting designated with EMR to be circuited to inverter INV-B#2b.
6. **E202** - All corridor normal lighting shall be circuited to panelboard RP-1#1a and emergency lighting designated with EMR to be circuited to inverter INV-1#2b.
7. **E203** - All corridor normal lighting shall be circuited to panelboard RP-2#1a and emergency lighting designated with EMR to be circuited to inverter INV-2#1b.
8. Existing FA panel is EST3. Building vendor is Sonitec Security 1-888-766-4832
9. Existing PA vendor is Open systems
10. Existing BMS Contractor is Richmar Controls, Inc.
11. Below is intended to be a supplement to the following:

### **Section 01 10 00 Summary**

### **Section 01 31 00 Project Management and Coordination**

### **Section 01 73 10 Cutting and Patching**

- a. All contractors are reminded of specific coordination requirements with other trades and failure to coordinate or be aware of other’s work shown on another trades drawings or specifications will not be the basis for extra cost. Once approved, contractors shall provide a copy of shop drawings to affected trades.
- b. **Example:** EC is to power the mechanical equipment provided by the HC, who is required to submit such equipment and provide layout. An EC who runs the power, without coordinating or verifying the layout and equipment power requirements, would be required, without an extra, to wire to the approved layout configuration.
- c. **Example:** GC closes up a new wall without providing EC time to rough, or closes up without notice or before roughing time is finished. GC is responsible for all costs related to opening and closing wall for EC to rough.
- d. **Example:** EC does not rough promptly or as provided for on schedule. GC provides notice then closes up new wall as shown on schedule. EC is now responsible for all cutting and patching as needed to do their work. (Turn-key Operation)

- e. **Question:** In an existing area, the PC is removing a urinal and the HVAC contractor (HC) is removing an old register from a gypsum ceiling and installing a new one nearby, and the GC is painting the room. Who does the cutting and patching and who does the finish work?  
**Answer:** Each Prime Contractor is responsible for a complete installation, except where others are specifically assigned work. Therefore, the HC removes the old register, patches the hole, and cuts in for the new register. The GC will paint over the patch only because they were assigned to paint the room. The PC will remove and patch at the urinal. They will provide a turnkey operation, including having a tile worker patch the finish, as the GC is not shown to do tile work on that wall.
- f. **Question:** When do warranties go into effect; especially equipment?  
**Answer:** A complete and accepted system will be understood to mean a system where the Owner has received all required demonstrations, instructions, and operating and maintenance materials. Exceptions may be equipment operating as intended for beneficial use.  
**Example:** HVAC unit is installed in June and starts being used to condition air for beneficial occupancy in July. The Unit is shown to be fully functional, but systems are not balanced and controls are not coordinated until August 1st. The Owner receives training September 1st. The unit's manufacturer warranty may start in July. However, the contractor's full material and labor warranty, and the controls warranty, will not start until September 1st. The contractor is responsible for monitoring and maintaining the unit, including filters, until turned over on September 1st.
12. **All concrete** associated with this project within and outside the building footprint shall be provided by the GC (General Construction)
13. **All excavation & trenching** within & outside the existing building footprint (which includes backfill, compaction & surface finishing) and all conc. slab trenching inside the building, including for all utilities, floor drains & other in-slab elements shall be provided by the (GC) General Trades Contractor. Bedding shall be done (per details as indicated or required by code) by the trade required to provide the item, however, concrete encasement (where needed) shall be done by the GC.
14. **See the attached Multiple Prime Contractor Coordination Chart.**
15. **Each Prime Contractor** is responsible for a complete installation, except where others are specifically assigned work.
16. Contract estimates (includes Alternates):
- a) Contract No. 1 General Construction – \$2,212,200
  - b) Contract No. 2 Plumbing - \$436,621
  - c) Contract No. 3 HVAC - \$1,072,539
  - d) Contract No. 4 Electrical - \$1,209,564

**Part 8            New Issues – List of attached Documents**

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- 1. 00 70 01 Insurance Rider
- 2. 23 01 90 Pumps
- 3. 23 02 80 Duct Mounted Coils
- 4. 23 02 90 Direct Expansion Coils
- 5. Sketch SKH1 (dated 01/22/2021)
- 6. Multiple Prime Contractor Coordination Chart (dated 01/22/2021)

End of Addendum

SECTION 007001

Insurance Rider  
 (Supplement to Article 11 of Section 00 70 00, AIA A201-2007  
 For Insurance Requirements for this Project)

Name of Insurance Producer:	
Name of Insured:	

The Contractor shall purchase and maintain during the life of the contract insurances as listed herein. This insurance must be purchased from a New York State licensed, A.M. Best Rated "A" or "A+" carrier. The Owner, the Architect, their Consultants and Subconsultants shall, with the exception of Worker's Compensation and Employer's Liability Insurance, be named as additional named insureds on a primary and non-contributory basis. Contractor must submit additional insured endorsements to the District for approval.

At least ten (10) working days prior to the commencement of the Work, the Contractor and all Subcontractors shall submit to the Owner, through the Architect, a Certificate of Insurance (AIA Form G705) or Accord 25-s showing evidence of insurance coverage as required by these documents. The standard Accord Form of Certificate of Insurance or insurance carrier certificate will be acceptable for employer's liability and statutory Disability. Submit all Workers' Compensation Certificates on form C-105.2, or if funded through the New York State Insurance Fund, on form U-26.3.

All Certificates of Insurance must be signed by a licensed agent or authorized representative of the insurance carrier.

The certificate shall be issued to the Owner with a provision that in the event the policies are either canceled or diminished, at least 30 days prior notice thereof shall be given to the Owner.

The insurance required for this project shall be written for not less than limits of liability specified in this attachment or otherwise within the Contract Documents or required by law, whichever coverage is greater. Coverages, whether written on an occurrence or claims-made basis, shall be maintained without interruption from date of commencement of the Work until date of final payment and termination of any coverage required to be maintained after final payment.

.1 General Liability: (Occurrence Form) – Limits Per Project using ISO Form CG 00 01 07 98 or later date

\$2,000,000	General Aggregate
\$1,000,000	Products/Completed Operations
\$1,000,000	Personal and Adv. Injury
\$1,000,000	Occurrence
\$ 50,000	Fire Damage
\$ 5,000	Medical Expense

*Coverage to include Broad Form Property Damage, Contractual Liability, Independent Contractors, and Personal Injury. No exclusion for XCU or hazards shall be endorsed to the Policy.*

*Products and Completed Operations Coverage to be kept in force for 12 months after final payment; a renewal certificate is to be submitted for the project if the coverage renews in less than 12 months following the completion of the project.*

Coordinate requirements for additional insurance covering contractual obligations assumed by Contractor as established in Articles 3.18 and 10.3 of these Conditions by using Endorsement ISO Form B, CG2010 11/85 or CG 20 10 10/01 plus CG 20 37 10/01 or equivalent. This endorsement must also reflect that the coverage provided is Primary and Non-Contributory. Waiver of Subrogation applies to all policies for all additional insureds.

.2 Auto Liability to cover ALL autos; or Owned, Hired, Leased and Non-Owned Autos.

\$1,000,000	Combined Single Limit or
\$ 500,000	Bodily injury (per person)
\$1,000,000	Bodily injury (per accident)
\$ 500,000	Property Damage
\$ 5,000	Medical Payments

.3 Excess Liability: Insurance is to cover all stated insurance coverages listed within this Attachment

\$2,000,000	Each Occurrence
\$2,000,000	Aggregate
\$ 10,000	Retention (Maximum)

.4 Workers' Compensation

Statutory	Part A
Statutory	Disability
Employer's Liability	Part B
\$ 500,000	Each Accident
\$1,000,000	Disease Policy Limit
\$ 500,000	Disease Each Employee

.5 Hazardous Material Coverage

Hazardous material liability insurance as follows:	\$1,000,000 occurrence/\$2,000,000 aggregate, including products and completed operations.
Such insurance shall include coverage for the Contractor's operations including, but not limited to, removal, replacement enclosure, encapsulation and/or disposal of asbestos, or any other hazardous material, along with any related pollution events, including coverage for third-party liability claims for bodily injury, property damage and clean-up costs. If a retroactive date is used, it shall pre-date the inception of the Contract.	

If motor vehicles are used for transporting hazardous materials, the Contractor shall provide pollution liability broadened coverage (ISO endorsement CA 9948) as well as proof of M CS 90.
Coverage shall fulfill all requirements of the Contract and General Conditions and shall extend for a period of three (3) years following acceptance by the Owner of the Certificate of Completion.

.6 Testing Company Errors and Omission Insurance

\$1,000,000	Each Occurrence
\$2,000,000	Aggregate

for the testing and other professional acts of the Contractor performed under the contract with the Owner.

Further, Contractor shall require all Subcontractors to carry similar insurance coverages and limits of liability as set forth above and adjusted to the nature of Subcontractors' operations and submit same to Owner for approval prior to start of any Work.

Further, it is not the intention of these insurance requirements to require each Subcontractor, vendor or material man involved in the work to provide "excess" coverage in the amounts stated herein but the "excess" limit shall be at least 2 times the contract sum entered into between the individual Contractor and the particular Subcontractor, vendor or material man but not less than \$1,000,000.00, each occurrence, \$3,000,000 aggregate and \$10,000 retention (Maximum).

In the event Contractor fails to obtain the required certificates of insurance from the Subcontractor and a claim is made or suffered, the Contractor shall indemnify, defend and hold harmless Owner, Architect, Engineers, Consultants and Subconsultants and their agents or employees from any and all claims for which the required insurance would have provided coverage. This indemnity obligation is in addition to any other indemnity obligation provided in the Contract.

The following shall be included as Additional Insureds

- School District (NAME), Members of the Board of Education, any officer, member of its staff, employee, or representative of school district.
- KG+D Architects and ALL consultants listed on the cover of the PROJECT/SPECIFICATIONS MANUAL

Proof of Insurance shall show the following Insureds and Holder:	
(a)	Certificate Holder:
(b)	Additional Named Insureds, on a primary basis:
	Owner
	Architect
	Construction Manager (if applicable)
	Consultants:

## SECTION 230190

### PUMPS

#### PART 1 - GENERAL

Applicable Provisions of the Conditions of the Contract and Division 1 General Requirements govern the work in this section. Submit shop drawings for checking and approval.

#### PART 2 - PRODUCTS

##### 2.1 FLOOR MOUNTED PUMPS

- A. The pumps shall be model series E-1535 as manufactured by ITT Bell & Gossett with performances noted on the Drawing schedule.
- B. The pumps shall be single stage; vertical split case design in cast iron and bronze construction. The pump's internals shall be capable of being serviced without disturbing piping connections or motor. The impeller shall be of the enclosed type, dynamically balanced and keyed to shaft and secured with a suitable locknut.
- C. Pump seal shall be standard single mechanical seal with carbon seal ring and Remite (or equal) seat. A replaceable shaft sleeve shall be furnished to cover the wetted area of the shaft under the seal of packing.
- D. The bearing frame assembly of the pump shall be fitted with re-greaseable ball bearings equivalent to electric motor bearing standards for quiet operation. The pump and motor shall be mounted on a common baseplate of heavy structural steel design with securely welded cross members and open grouting area.
- E. The pumps shall be factory tested at the operating conditions, thoroughly cleaned and painted with one coat of machinery enamel prior to shipment. A set of installation instructions shall be included with the pump at the time of shipment.

#### PART 3 - EXECUTION

##### 3.1 INSPECTION

- A. Inspect equipment space locations before beginning installation. Verify that the space is correct for entry and access. Do not proceed with installation of the equipment until unsatisfactory conditions have been corrected.

##### 3.2 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations for installation of equipment, accessories and components.

- B. All heating, ventilating and air conditioning equipment shall be carefully designed, constructed and installed so as to prevent any objectionable noise or vibration reaching any part of the building outside of the mechanical equipment room. Care shall also be taken to prevent transmission of noise or odor through ductwork into other spaces. The Contractor shall be required to rectify or replace at his own expense, any equipment not complying with the foregoing requirements.

### 3.3 CLEANING

- A. Clean interior and exterior surfaces promptly after installation of equipment and components. Take care to avoid damage to protective coatings and finishes. Remove excess sealants, lubrication, dirt and other foreign substances.

END OF SECTION 230190

## SECTION 23 0280

### DUCT MOUNTED COILS

#### PART 1 - GENERAL

Applicable provisions of the Conditions of the Contract and Division 1 General Requirements govern the work in this section. Submit shop drawings for checking and approval.

#### PART 2 - PRODUCTS

##### 2.1 DUCT MOUNTED COILS

- A. Coils as shall be with aluminum plate fins, have collars drawn, belled, and firmly bonded to copper tubes by mechanical expansion of tubes. No soldering or tinning used in the bonding process.
- B. Coils have galvanized steel casing and are mounted pitched in the unit casing. Coils are to be removable in duct flanges. Hot water coils are continuous tube type and proof tested at 300 p.s.i.g. air pressure under water.

#### PART 3 - EXECUTION

##### 3.1 INSPECTION

- A. Inspect equipment space locations before beginning installation. Verify that the space is correct for entry and access. Do not proceed with installation of the equipment until unsatisfactory conditions have been corrected.

##### 3.2 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations for installation of equipment, accessories and components.
- B. All heating, ventilating and air conditioning equipment shall be carefully designed, constructed and installed so as to prevent any objectionable noise or vibration reaching any part of the building outside of the mechanical equipment room. Care shall also be taken to prevent transmission of noise or odor through ductwork into other spaces. The Contractor shall be required to rectify or replace at his own expense, any equipment not complying with the foregoing requirements.

##### 3.3 CLEANING

- A. Clean interior and exterior surfaces promptly after installation of equipment and components. Take care to avoid damage to protective coatings and finishes. Remove excess sealants, lubrication, dirt and other foreign substances.

END OF SECTION 230280

## SECTION 23 0290

### DIRECT EXPANSION COILS

#### PART 1 - GENERAL

Applicable provisions of the Conditions of the Contract and Division 1 General Requirements govern the work in this section. Submit shop drawings for checking and approval.

#### PART 2 - PRODUCTS

##### 2.1 GENERAL DESCRIPTION

- A. Furnish as shown on plans and as described in the specification
- B. Coils to have extended surface, staggered tube, and plate fin design.

##### 2.2 HEADERS

- A. Made of seamless copper tubing to assure compatibility with primary surface.
- B. Headers to have intruded tube holes to provide maximum brazing surface for tube to header joint, strength, and inherent flexibility. Header diameter should vary with refrigerant flow requirements.

##### 2.3 CONNECTIONS

- A. Coils to be furnished with brass distributor(s) of the pressure type for the liquid connection. Suction connection(s) are copper O.D. sweat. Both connections are designed to insure proper loading per circuit and avoid loss in coil capacity.
- B. Coils must be arranged for counter flow, the distributor on leaving air side and suction connection at the bottom of the header on the entering air side.
- C. The connections are located to permit right hand mounting of the coil and assure equal pressure through all the circuits.

##### 2.4 TESTING AND PRESSURE RATINGS

- A. Completed coils are tested at a minimum of 315 psig air pressure while submerged in warm water.
- B. Hydrostatic tests alone are not acceptable.
- C. Coils are dehydrated prior to shipment and then liquid connection (distributor) and suction connections capped for shipment.
- D. Standard coil construction is rated for 250 psig working pressure at 300 degrees F.

2.5 CAPACITY

- A. Coil capacity shall be as outline on the project schedule and confirmed with computer generated output.
- B. Refrigerant Type: Refrigerant R410A.

2.6 PRIMARY SURFACE

- A. Tubes to be 5/8" O.D. copper, staggered in direction of airflow, and must be on 1 1/2" tube centers.
- B. Wall thickness to be .020" nominal and water pressure drop of coil selection adjusted to wall thickness specified.
- C. Tubes to be mechanically expanded in to fin collars to provide a continuous primary to secondary compression bond over entire coil length, assuring maximum heat transfer.

2.7 SECONDARY SURFACE

- A. Plate style fins shall be corrugated for high capacity and structural strength.
- B. Fin thickness shall be .0075" aluminum.
- C. The fins to have collars to determine fin spacing per inch and support the heat transfer bond to primary surface. Copper tubing should not be visible between the fins.
- D. Fin Style to be a New Ripple fin type.

2.8 COIL TYPE & CIRCUITING

- A. Evaporator coils available from 12" to 54" fin height on 1.5" tube centers and on 3" increments.
- B. All evaporator (DX) coils available from 12" to 216" fin length in two decimal point increments
- C. Casing Style: Contractor Coil with flanged casing.
- D. Casing Material: Galvanized Steel.

2.9 PROTECTIVE COATINGS

- A. None, specified coil and casing material only.

2.10 PACKAGING

- A. Coil(s) to be fully crafted in a wooden enclosure with protective cardboard covering the finned area.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Inspect equipment space locations before beginning installation. Verify that the space is correct for entry and access. Do not proceed with installation of the equipment until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations for installation of equipment, accessories and components.
- B. All heating, ventilating and air conditioning equipment shall be carefully designed, constructed and installed so as to prevent any objectionable noise or vibration reaching any part of the building outside of the mechanical equipment room. Care shall also be taken to prevent transmission of noise or odor through ductwork into other spaces. The Contractor shall be required to rectify or replace at his own expense, any equipment not complying with the foregoing requirements.

3.3 CLEANING

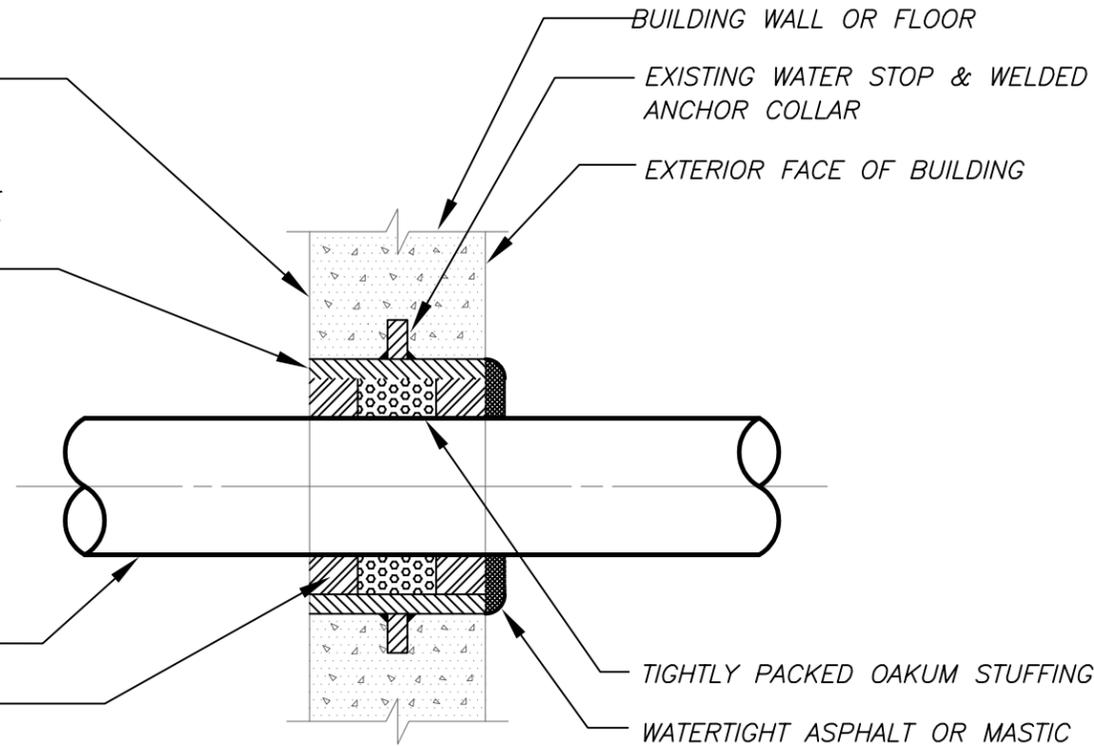
- A. Clean interior and exterior surfaces promptly after installation of equipment and components. Take care to avoid damage to protective coatings and finishes. Remove excess sealants, lubrication, dirt and other foreign substances.

END OF SECTION 23 0290

INTERIOR FACE OF BUILDING  
EXISTING WALL PIPE SLEEVE  
SHALL BE MODIFIED TO  
ACCOMMODATE NEW FUEL OIL  
PIPING AND CONTROL WIRING.  
PROVIDE WATER TIGHT  
PENETRATIONS.

PIPES CENTERED IN EXISTING  
SLEEVE

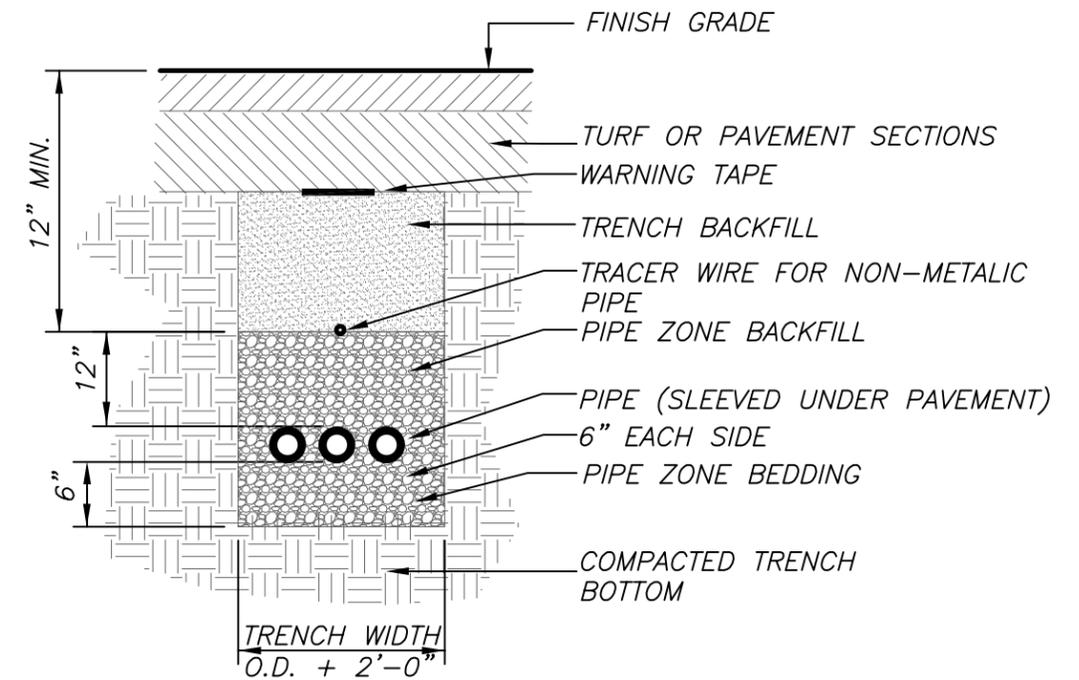
WATERPROOF CAULKING



NOTES:

1. WHEN SEALING FLOOR PENETRATIONS, EXTEND SLEEVE 3" ABOVE FINISHED FLOOR.
2. IN EXISTING CONSTRUCTION, A CORE DRILL ONE PIPE SIZE LARGER THAN THE PIPE OR CONDUIT MAY BE USED IN LIEU OF A SLEEVE.
3. PROVIDE NEW SLEEVES WHERE NONE EXIST OR EXISTING ARE TOO SMALL FOR NEW PIPES.

UNDERGROUND PIPE WALL PENETRATION DETAIL 2  
SKH2 NO SCALE



NOTES:

1. ALL INSTALLATION AND FILL MATERIALS TO BE AS PER THE MANUFACTURERS RECOMMENDATIONS.
2. HVAC CONTRACTOR RESPONSIBLE TO PROVIDE BEDDING AND PIPING. ALL TRENCHING, BACKFILL, AND SURFACE RESTORATION BY OTHERS.

TRENCH & BEDDING 1  
SKH1 NO SCALE



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BETHUNE LEARNING CENTER  
GREENBURGH ELEVEN UFSD

BID ADDENDUM No. 3  
CONSTRUCTION DOCUMENTS

Sheet Title

DETAILS

S.E.D. Control No.

66-04-11-02-0-003-002

Job No.  
2019-1029

Date  
01/22/2021

Scale

Drawn / Checked

-

Sheet No.

SK-H1

**Greenburgh Eleven**  
**Bethune Learning Center**  
Multiple Prime Contractor Coordination Chart

	<b>Contract #1</b> <b>Construction</b>	<b>Contract #2</b> <b>Plumbing &amp; Fire Protection</b>	<b>Contract #3</b> <b>HVAC</b>	<b>Contract #4</b> <b>Electrical</b>
General Requirements	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible
Project Scheduling	GC to facilitate Master Schedule and provide all durations and updates for GC work and monthly updates to full project schedule.	Provide durations and updates for all Plumbing & Fire Protection work. Coordinate schedule with other primes.	Provide durations and updates for all HVAC work. Coordinate schedule with other primes.	Provide durations and updates for all Electrical work. Coordinate schedule with other primes.
Trenching & Backfill for Utilities	Provide all trenching, backfill and surface restoration as required of all Contracts. Refer to the MEP drawings.			
Gas Service / Fuel Oil Lines Replacement	Provide all trenching, backfill and surface restoration as required for all Contracts. Refer to MEP drawings.	Provide bedding and piping for all new gas piping from building to utility connection.	Provide bedding and piping for all new fuel oil piping from building to tank.	
All other utilities	Provide all other utilities including piping & bedding from 5 feet outside building footprint.	Provide all piping & bedding to 5 feet outside of building footprint.		
Site Electric	Excavate and backfill for all site electric. Provide enclosures as required.			Provide bedding and conduit / wire for site electric / security.
Disconnects (As Required)		Disconnect gas, water and sewer services as required.	Disconnect Fuel Oil lines as required.	Disconnect electrical service as required.
Trenching & Backfill for sub slab work	Provide all trenching, backfill and concrete within the project. Refer to the MEP drawings for concrete housekeeping pads & other concrete required.	Provide all piping / systems and bedding.		Provide all conduit / wire and bedding.
Sleeves and holes for piping / conduit	Provide all holes and openings for systems installed by this Contract.	Provide all holes and openings for systems installed by this Contract.	Provide all holes and openings for systems installed by this Contract.	Provide all holes and openings for systems installed by this Contract.
Patching & Firestopping	Provide all patching & firestopping for work of this Contract.	Provide all patching & firestopping for work of this Contract.	Provide all patching & firestopping for work of this Contract.	Provide all patching & firestopping for work of this Contract.
Cutting and Patching of Finished Surfaces	Provide all finish patching where specifically assigned work.	Provide all finish patching except where GC is specifically assigned work.	Provide all finish patching except where GC is specifically assigned work.	Provide all finish patching except where GC is specifically assigned work.
Removal of Debris	Provide waste removal containers for the project and dispose of all waste related to the work of this Contract.	Dispose of all waste related to the work of this Contract in G.C.'s containers.	Dispose of all waste related to the work of this Contract in G.C.'s containers.	Dispose of all waste related to the work of this Contract in G.C.'s containers.
Building and Partition Layout	Provide all building and partition layout to facilitate the work of other prime contractors.			
Layout of Systems	Provide all layout for the work of this Contract.	Provide all layout for the work of this Contract.	Provide all layout for the work of this Contract.	Provide all layout for the work of this Contract.
Fire Watch	Provide Fire Watch for work of this Contract.	Provide Fire Watch for work of this Contract.	Provide Fire Watch for work of this Contract.	Provide Fire Watch for work of this Contract.
Coordination Drawings	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible
Cleaning During Construction	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible
Final Cleaning	Provide final cleaning of all areas.	Provide final cleaning of all fixtures, equipment and systems installed by this Contractor.	Provide final cleaning of all fixtures, equipment and systems installed by this Contractor.	Provide final cleaning of all fixtures, equipment and systems installed by this Contractor.
Project Closeout	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible	All Contracts Responsible

This Chart is in addition to the requirements of the Contract Documents and is to be interpreted in conjunction with these documents.