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OCTOBER 22, 2025

CONTRACT NO. 1827

MISC. HVAC IMPROVEMENTS PROJECT

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ADDENDUM NO. 01

All bidders bidding **Contract No. 1827** shall read and take note of this **Addendum No. 01**. The Procurement Documents for **Contract No. 1827 MISC. HVAC IMPROVEMENTS PROJECT** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1827 Addendum No. 01

The Acknowledgement attached to **Addendum No. 01** is to be signed and returned immediately via email at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.

Kimberly Kennedy, P.E.

Director – Engineering and Construction

ACKNOWLEDGEMENT OF
CONTRACT NO. 1827 G, E, H – MISC. HVAC IMPROVEMENTS
PROJECT

ADDENDUM NUMBER 01

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

October 22, 2025

CONTRACT NO. 1827

MISC. HVAC IMPROVEMENTS PROJECT

ADDENDUM NO. 01



ADDENDUM No. 01

ALLEGHENY COUNTY SANITARY

AUTHORITY

PITTSBURGH, PENNSYLVANIA

CONTRACT NO. 1827

MISC. HVAC IMPROVEMENTS PROJECT

October 22, 2025

ATTENTION

BID OPENING DATE

Wednesday, DEC 3, 2025

11:00 A.M.

DEADLINE FOR QUESTIONS IS NOVEMBER 21, 2025

This Addendum No. 01 consists of 50 pages and the following attachments:

Attachment A - Addendum No. 01 Article 2 (48 pages)

Attachment B - Addendum No. 01 Drawing – 22” x 34” (2 pages)

Attachment C - Addendum No. 01 Legal Notice (2 pages)

ATTENTION BIDDERS

The following additions to and modifications of the Contract Documents will be included in and become part of the Contract for the Allegheny County Sanitary Authority (ALCOSAN) Misc. HVAC Improvements Project. Bidders are instructed to take the following into account in rendering any Bid for this work

The Bidder is responsible for verifying that he/she has received and reviewed all of the pages of the Contract Documents as well as all of the pages and attachments of all addenda. The Bidder shall verify all pages with the table of contents in the Contract Documents and the first page of all Addenda. Receipt of this Addendum No. 01 must be noted on the Bid Form. These items modify the portions of the documents specifically noted; all other provisions of the Contract Documents shall remain in effect

1. CHANGES TO THE SPECIFICATIONS

1.1 In Volume 1 of 3, Legal Notice

REPLACE Legal Notice in its entirety. Refer to Attachment C.

1.2 In Volume 1 of 3, Article 2

REPLACE Article 2 in its entirety to correct the formatting/labeling issue for the Articles beyond 2.15. Refer to Attachment A.

1.3 In Volume 1 of 3, Article 2.04

REPLACE the second paragraph with the following (Refer to Attachment A):

"The Bid must be submitted intact, sealed and delivered in the envelope which accompanied these Contract Documents, addressed to the Allegheny County Sanitary Authority, Director of Engineering and Construction, 3300 Preble Avenue, Pittsburgh, PA 15233. The Bidder's name and address shall be marked in the upper left-hand corner and the words **"SEALED BID FOR CONTRACT 1827 G, E, H: MISC HVAC IMPROVEMENTS PROJECT "Contract Documents"** shall be clearly marked in the lower left-hand corner of the sealed envelope. Hand delivered Bids shall be delivered to the Contract Clerks at the Owner's Engineering Department. The envelope shall also bear notation to clearly indicate all Addenda received by its identifying numbers and dates received. It is the responsibility of each Bidder to make sure that its Bid is received by the Owner prior to the date and time set for opening of the Bids. Upon Bidder's failure to comply with the foregoing, the Owner may treat the Bid as "nonresponsive" and return it to the Bidder unopened. Bids will be received at the office of the Owner until **11:00 A.M.**, prevailing time, on **Wednesday, December 3, 2025** at which time and place said Bids will be opened publicly and read aloud."

1.4 In Volume 1 of 3, Article 2.28

REPLACE Article 2.28 in its entirety with the following (Refer to Attachment A):

"A Pre-Bid Conference will be held on site, at **10:00 A.M.** prevailing time,

on **Wednesday, October 15, 2025. A second Pre-Bid Conference will be held on Wednesday, October 29, 2025 at 12:30 P.M.** Prospective Bidders are encouraged to attend. Meeting will begin in Auditorium and then proceed to tour work areas.”

- 1.5 In Volume 2 of 3, Specification Section 01 11 00 Summary of Work, Part 1.7 OWNER-FURNISHED PRODUCTS

REMOVE the following from the list of owner furnished products:

MUW001-400

MUW002-400

MUW004-400

- 1.6 In Volume 2 of 3, Specification Section 01 33 00 Submittals, Part 1.11 A and B.

REPLACE the text with the following:

"A. **HVAC** Contractor shall prepare basic coordination drawings for project use, showing the location of piping and equipment to be installed under his contract. The Contract Documents will be used as a guide. Final coordination drawings will govern installation sequence and will be submitted to the Owner for record.

B. Electrical Contractor shall take basic coordination drawings and add (draft) their work, in locations decided upon in coordination meetings with the **HVAC** Contractor. **HVAC** Contractor shall add items to the coordination drawings only after all present at the coordination meetings agree to their location. Sequencing of drawing additions will be as follows:

1. **HVAC** Contractor (prepares original coordination documents)
2. Electrical and **General** Contractors (incorporates their scope of work)"

2. CHANGES TO THE DRAWINGS

- 2.1 **REPLACE** Sheet 120-S-01 with Sheet 120-S-01 Rev.01, refer to Attachment B.

- 2.2 **REPLACE** Sheet 400-HS-01 with Sheet 400-HS-01 Rev.01, refer to Attachment B.

END OF ADDENDUM No. 01

1827 Miscellaneous HVAC Addenda 1 Attachment A

INFORMATION FOR BIDDERS

ARTICLE 2

CONTRACT 1827 G, E, H

Contract No. 182 G, E, H

INFORMATION FOR BIDDERS

ARTICLE 2

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INFORMATION FOR BIDDERS

ARTICLE 2

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2.01 DEFINED TERMS

The terms used in this Information for Bidders have the meanings assigned to them in Article 3, General Contract Conditions ("Contract Provisions"). Certain additional terms used in the Bidding Documents have the meanings indicated below which are applicable to both the singular and plural thereof.

- A. APPARENT LOW BIDDER is the responsible, responsive bidder whose bid as offered in the bid form represents the lowest total as determined by the Base Bid.
- B. BASE BID is the total of the Bid for the Lump Sum Work, plus the amount for any Unit Price Work if applicable. No consideration will be given to additive or deductive alternates or other credits in determining the Base Bid.
- C. BID refers to all materials, items and documents included in the Bidder's response to the Owner submitted pursuant to the Contract Documents.
- D. BIDDER is one who submits a Bid to the Owner as distinct from a sub-bidder, who submits a Bid to a Bidder.
- E. SUCCESSFUL BIDDER is the lowest, responsible and responsive Bidder to whom the Owner (on the basis of the Owner's evaluation as hereinafter provided) makes an award.

2.02 GENERAL

The information contained in this Article 2 of the Contract Documents describes the proper form and method for submitting Bids and the accompanying security to the Allegheny County Sanitary Authority (hereinafter referred to as the "Owner"), and provides certain general information regarding the award of the Contract.

Certain provisions throughout this Article may reference certain consultants retained by the Owner such as the Construction Manager, the Consulting Engineer and the Engineering Program Manager and to certain of their duties and responsibilities. If any or all of the above-mentioned consultants are not retained for this Project, their duties and responsibilities shall, unless otherwise specified, be retained by the Director of Engineering and Construction ("Engineer") or the Engineer's written designee.

It is a condition to the Owner's evaluation of the Bid and possible award of the Contract that the Bidder carefully examines all of the Contract Documents and completely satisfies itself as to the nature and location of the Work and all Job Site conditions that may affect performance of the Work. Submission of the Bid by the Bidder is a representation by the Bidder that it has satisfied itself with respect to the foregoing.

Unless all Bids are rejected, and except as otherwise provided by law, award will be made to the lowest responsive and responsible Bidder. The Owner reserves the right to award by item or on a total Lump Sum Price basis, whichever is deemed most advantageous to the Owner. In cases of discrepancies in prices, the unit price will be binding. In any discrepancy between words and figures, the words will take precedence. For Lump Sum Bids which include an itemized breakdown, the low Bid will be based on the stated Lump Sum Price and the Owner is not required to consider the total value of the itemized breakdown.

The Contract Documents shall be interpreted, construed and enforced in accordance with all applicable laws and regulations of the Commonwealth of Pennsylvania.

2.03 LOCATION AND DESCRIPTION OF WORK

The Work to be done as specified herein (referred to as the "Work") includes construction of the **MISC HVAC IMPROVEMENTS PROJECT** as more fully described in the Contract Documents. The Work covered under this Contract is part of a larger Project being undertaken by the Owner related to odor control and plant expansion at its existing wastewater treatment facility in Pittsburgh, Pennsylvania.

The intent and meaning of the Contract Documents is that the Successful Bidder shall, under each Contract, take any and all actions as are necessary and/or required to provide detailed construction, labor, supervision, materials, supplies, services, equipment, transportation facilities and appurtenances thereto, whether temporary or permanent, and such other items incidental to the execution of the Work.

2.04 SUBMISSION AND OPENING OF BIDS

Bids shall be submitted on the Bid Form which is attached hereto and shall state the proposed price of the Work (typewritten or in ink), both in words and in figures. Bids must be signed in ink. Bids that are not so priced and signed may be rejected.

The Bid must be submitted intact, sealed and delivered in the envelope which accompanied these Contract Documents, addressed to the Allegheny County Sanitary Authority, Director of Engineering and Construction, 3300 Preble Avenue, Pittsburgh, PA 15233. The Bidder's name and address shall be marked in the upper left-hand corner and the words **"SEALED BID FOR CONTRACT 1827 G, E, H: MISC HVAC IMPROVEMENTS PROJECT "Contract Documents"** shall be clearly marked in the lower left-hand corner of the sealed envelope. Hand delivered Bids shall be delivered to the Contract Clerks at the Owner's Engineering Department. The envelope shall also bear notation to

clearly indicate all Addenda received by its identifying numbers and dates received. It is the responsibility of each Bidder to make sure that its Bid is received by the Owner prior to the date and time set for opening of the Bids. Upon Bidder's failure to comply with the foregoing, the Owner may treat the Bid as "nonresponsive" and return it to the Bidder unopened. Bids will be received at the office of the Owner until **11:00 A.M.**, prevailing time, on **Wednesday, December 3, 2025** at which time and place said Bids will be opened publicly and read aloud.

Bids must be firm. **If a Bid is submitted with conditions or exceptions or not in conformance with the terms and conditions of the Contract Documents, it may be rejected.** The Bid may also be rejected if the product or Work offered by the Bidder is determined by the Owner not to be in substantial conformance with the Contract Documents including the Specifications.

Bidder shall not detach and submit Bid pages separately but shall submit their Bids bound with the complete Article One - Bid Form, including all pages correctly assembled.

The Bid should be properly executed and accompanied by all Bonds, Certificates, Questionnaire Forms and other supporting information and documents, as described in the Bid Form.

2.05

SUPPLEMENTARY INFORMATION PACKAGE

- A. After the Bid opening, upon request of the Owner, the Apparent Low Bidder shall be required to submit, prior to the award of the contract, quadruplicate copies of a Supplementary Information Package as described in this Section. The request shall be made solely for the purposes of the Owner's evaluation and review of all proposed materials, equipment, and items of work and determination of conformance with the Contract Documents.
- B. The Supplementary Information Package shall include all such documentation as may be required elsewhere in the Contract Documents and all data and information deemed appropriate by the Bidder to completely describe its respective offering including but not necessarily limited to the following items:
 - 1. A list of all products or equipment that will be supplied by or through the Contractor and incorporated into the Work for which the Owner supplied no specifications and which have a value or combined value in excess of Ten Thousand Dollars (\$10,000) or Ten percent (10%) of the Lump Sum Price, whichever is less, shall be included as "Non-Specified Products." This list will include: manufacturer's name; equipment name and model number; and the

manufacturer's technical literature, brochures and catalog cuts describing the equipment.

2. Any and all other information that may be requested in the Bid Form or under Article 6.
3. If the Bidder intends to offer an "or equal" product as described below in Section 2.9 or an "Alternate" as described below in Section 2.10, the Bidder must submit two sets of information as specified below for each proposed "or equal" product or Alternate. This information shall be clearly identified by specification section and product or system. Failure to submit the requested information, or any ambiguities found, may be considered appropriate cause for rejection of any proposed or equal" or Alternate.
 - a. All information listed in the specifications specifying the product or system and not listed below.
 - b. Complete description of the equipment, system, process, or function including a list of system components, features, dimensional and weight data on separate components and assemblies, drawings, catalog information and cuts, manufacturer's specifications, including materials.
 - c. All differences between the Specifications relating to the specified product or system and the proposed "or equal" or Alternate shall be clearly stated in writing. The proposed "or equal" or Alternate supplier shall perform a paragraph-by-paragraph comparison between the "or equal" or Alternate and the Specifications. The proposed "or equal" supplier shall perform a detailed review of the Contract Drawings associated with the proposed "or equal" or Alternate offering. Any difference with respect to any of the Contract Documents shall be clearly identified and completely described. These differences shall be appropriately indexed by Specification Section paragraph/subparagraph and/or Drawing number including applicable pan, section, and/or detail designation.
 - d. Performance data and pump curves.
 - e. Horsepower of all motors supplied.
 - f. Utility requirements for each component such as water, power, fuel, air, etc.
 - g. Functional description of any internal instrumentation and

control supplied.

- h. List of parameters monitored, controlled, and alarmed.
- i. Addresses and phone numbers of nearest service centers and a listing of the manufacturer or manufacturer's representative service available at these locations.
- j. Addresses and phone numbers for the nearest parts warehouses capable of providing full parts replacement and/or repair services.
- k. A list of three recent installations where a similar product is currently in service; include contact name, telephone number, mailing address, and the names of the engineer, owner, and installation contractor. If three installations do not exist, the list shall include all that do exist.
- l. Detailed information on structural, electrical, mechanical and all other changes or modifications necessary to adapt the product or system to the arrangement shown and/or functions described on the Drawings and in the Specifications.
- m. Any additional space requirements necessary to provide the minimum clear space around the product or system as shown.

Impact on the construction schedule if the "or equal" or Alternate is accepted.

- C. After receiving all proposed "or equal" submittals, the Owner will review and notify the Apparent Low Bidder as to preliminary approval, or rejection, of any proposed "or equal". Preliminary approval of an "or equal" by the Owner shall not be construed to indicate final approval by the Owner or relieve the Successful Bidder from providing post contract award submittal information.
- D. Upon failure to provide all the supplemental information requested in Article 2.05B the Owner may (at its discretion) treat the Bid as nonresponsive and the Bid may be rejected for this reason alone.

2.06 SPARE PARTS AND SPECIAL TOOLS

- A. The Owner may purchase spare parts and special tools for the Work furnished under this Contract, sufficient to ensure Work reliability and to expedite repairs when necessary. Price quotations for Bidder or manufacturer recommended spare parts and special tools items shall be submitted as part of the Supplementary Information Package; however, unless required to be included in the Lump Sum Price on the Bid Form, the costs for spare parts and special tools shall not be included in the Bid's Lump Sum Price.
- B. Price quotations so submitted for each spare part item and all special tools must be guaranteed and fixed for either one year after the Effective Date of the Contract or until the Contract is complete, whichever occurs later.

2.07 AWARD, CONTRACT EXECUTION AND NOTICE TO PROCEED

The Contract(s) will be awarded to the lowest responsive, responsible bidder based on the Lump Sum for Bid Item 8.1 - Lump Sum Work as defined in Article 1, where only a Lump Sum amount is required, or on the sum of Bid Items 8.1 - Lump Sum Work, and 8.2 - Unit Price Work as defined in Article 1 where a Total Base Bid is required by the particular contract.

The Owner may reject all Bids. The Owner may, solely in its own discretion, award the Contract to the lowest responsive and responsible Bidder within Sixty (60) calendar days from the date of Bid opening. A time extension may be made by the written mutual consent of the Owner and the Apparent Low Bidder.

All Bids will remain open for acceptance by Owner for Sixty (60) calendar days after the Bid opening.

In the event a Bidder fails, refuses, or neglects to provide any requested information or documents within the time stated in the Contract Documents, the Owner will have the right to reject its Bid as nonresponsive.

The Notice to Proceed will be made by registered letter mailed to the Awarded Bidder and shall be effective the date of receipt of the mailing. The Owner will endeavor to issue the Notice to Proceed within Ninety (90) calendar days of the Bid opening and Thirty (30) calendar days after the Contract is awarded. Any delays caused by the Awarded Bidder's failure to provide any required documents within the specified time may, at the Owner's option, cause an equivalent number of days to be added to these time-frames. The Awarded Bidder will commence performance immediately upon receipt of the Notice to Proceed. The Awarded Bidder should not order any materials or equipment or make any financial commitments concerning this Contract until receiving the Notice to Proceed.

Awarded Bidders that do Work or prepare to do Work prior to receiving the Owner's Notice to Proceed are proceeding at their own risk.

2.08 CONTRACT DOCUMENTS

The Contract Documents address one (1) project under Contract 1827-G, E, H: MISC HVAC IMPROVEMENTS PROJECT. The Contract Documents are organized in three volumes of Specifications and Contract Drawings.

The Bids submitted for Contract 1827-G, E, H shall be for all work required for the project. A description of the work to be performed is presented in Specification Section 011000 – Summary of work.

Contract Documents may be obtained at the office of the Allegheny County Sanitary Authority, 3300 Preble Avenue, Pittsburgh, PA 15233. A fee of **\$100.00** (delivered by check or money order, no cash will be accepted) shall be required for each set of Contract Documents obtained.

If the Owner is requested to mail the Contract Documents, the above fee must be submitted to the Owner in advance. With this fee, a release must be sent to ALCOSAN requesting the documents be sent by UPS, to the Bidder. Documents cannot be shipped via Federal Express. The Bidder's account number must accompany this release so that the documents can be sent to the Bidder at the Bidder's expense.

Submission of a Bid constitutes a representation by the Bidder to the Owner that the Bidder has reviewed the Contract Documents in their entirety and has analyzed all applicable provisions, terms, conditions and sections and related information in preparation of its Bid. This representation is a material inducement for the Owner's consideration of the Bidder for this Contract.

2.09 "OR-EQUAL" ITEMS

Whenever a product is defined in the Contract documents by trade name and catalogue number of a manufacturer or vendor, the term "or-equal," if not inserted therewith, shall be implied. Any reference to a particular manufacturer's product either by trade name or by limited description is solely for the purpose of more clearly indicating the minimum standard of quality desired, except where a "no substitute" is requested. When a "no substitute" is requested, the Owner will consider Bids for the referenced product only. The term "or-equal" is defined as meaning any other make which, in the sole opinion of the Owner, is of such character, quality and performance equivalence as to meet the standard of quality and performance of the products specified and is such that offering the "or-equal" will not, in the Owner's opinion, constitute a change of the Project.

2.10 ALTERNATE ITEMS

- A. When provided for in the Bid Form, the Owner may request the Bidder to provide a bid on an "Alternate," defined as a "Major Piece of Equipment" or "System" which is different from that specified in the Contract Documents in, for example, composition, qualities, performance, size dimensions, etc. A "Major Piece of Equipment" is one that, when combined with necessary ancillary materials and equipment, has an installed price exceeding \$50,000. A "System" is an assemblage of interdependent, interactive materials and equipment designed as a unit to perform a particular process function, having an installed price exceeding \$50,000. A Bidder who wishes to offer an Alternate shall indicate it on the appropriate Bid Form. In addition, supplemental information from the Bidder must be submitted with a complete description of the Alternate, including trade name, brand and/or model number. The information must identify the product's deviations from the Contract Documents. The Bidder shall also furnish descriptive literature and data with respect to the Alternate it proposes to furnish, including drawings, catalog cost, performance data and any other information necessary for an evaluation. The Bidder must demonstrate the merit of the proposed Alternate to the satisfaction of the Owner.
- B. Alternates are optional and are not in lieu of furnishing a Base Bid for the actual Work specified. During the Bid review procedure, the Alternate will not be considered in determining the low responsive, responsible Bidder. The review of the Bids will be based upon the specified Work. The Owner may, but need not, analyze the Alternate for acceptability until after the award of the Contract. The decision of the Owner with regard to the acceptability of an Alternate will be final and uncontestable.

2.11 QUESTIONS REGARDING CONTRACT DOCUMENTS/ERRORS

In general, no answer will be given to prospective Bidders in reply to an oral question if the question involves an interpretation of the intent or meaning of the Contract Documents, or the equality or use of products other than those designated or described in the Contract Documents. Any information received by Bidders other than by means of the Contract Documents or by Addenda, as described herein, is given informally, for the information and convenience of the Bidder only and is not guaranteed, is without legal effect and may not be used to bind or otherwise obligate the Owner. The Bidder agrees that such information shall not be used as a basis of, nor will the giving of any such information entitle the Bidder to assert, any claim or demand against the Owner.

To receive consideration, any question, inquiry or request for interpretation or clarification shall be submitted to the Construction Manager in writing, at least

Ten (10) calendar days prior to the advertised date for receipt of Bids. The Owner will review all such questions or requests and may issue Addenda, which will become a part of the Contract Documents, to provide interpretation, clarification or to answer issues or questions so raised which, in the opinion of the Owner, require formal responses. Copies of all Addenda will be delivered or sent, prior to the advertised date for receipt of Bids, to all prospective Bidders known to have received the Contract Documents. Addenda will be delivered by messenger or sent by certified mail, return receipt requested, to prospective Bidders or their designated agents, at the addresses given by them. At its option, the Owner may transmit Addenda by facsimile.

If the question involves the use of an "or equal" item described above in Section 2.9, it must be accompanied by drawings, specifications, or other data in sufficient detail to enable the Owner to determine the equality or suitability of the product or method. In general, the Owner will neither approve nor disapprove particular products prior to the opening of Bids. Such product will be considered when offered by the Contractor for incorporation into the work.

If any alleged errors are noted in the Contract Documents, Bidder should immediately notify, in writing, the Construction Manager and, if confirmed, Addenda will be sent to all prospective Bidders known to have received the Contract Documents.

2.12 REFERENCE INFORMATION

Reference Information concerning the existing facilities and the Job Site will, upon request, be made available to prospective Bidders, for reference only, at the office of the Allegheny County Sanitary Authority, 3300 Preble Avenue, Pittsburgh, PA 15233. Upon request, the Owner will provide prospective Bidders with one (1) electronic copy of selected pertinent Drawings of the existing facilities. A fee may be charged by the Owner for these Drawings.

All information given in the Reference Information or in the Contract Documents relating to existing conditions is from the sources presently available to the Owner. All such information is furnished for the information and convenience of Bidders and is not guaranteed. All prospective Bidders agree that as a condition for Owner's review of its Bid that said information shall not be used as a basis for asserting any claims or demands against the Owner. It is understood by all prospective Bidders that they shall be responsible for determining the exact conditions prior to bidding and that they shall not be compensated for what they may feel is extra work because of their failure to discover conditions they could have discovered upon investigation.

2.13 BIDDERS TO INVESTIGATE

Bidders are required to submit their Bids upon the following express conditions which will apply to and be deemed a part of every Bid received:

- A. Bidders must satisfy themselves, by personal examination of the Job Site and by such other means as may be necessary or helpful as to the actual and exact conditions existing, the character and requirements of the Work and the difficulties attendant upon its execution and analyze all laws and regulations which may affect the Work. On written advance request, the Construction Manager will provide each Bidder reasonable access to the Job Site to conduct such explorations and tests (at Bidder's own expense) for submission of a Bid. Bidder shall fill all holes and clean up and restore the Job Site to its former condition upon completion of such explorations.
- B. If any discrepancies should be found between existing conditions and the Contract Documents, prospective Bidders shall report these discrepancies to the Construction Manager for clarification prior to submitting a Bid. Failure of the Bidder to recognize Job Site conditions that affect the Work shall not be considered sufficient cause for an increase in the Contract Price.
- C. The submission of a Bid will constitute an incontrovertible representation of Bidder that Bidder has and will comply with every term, condition and requirement of the Contract Documents and that the Contract Documents are sufficient in scope to convey all terms, conditions and requirements for performance and furnishing of the Work.

2.14 APPROXIMATE ESTIMATE OF QUANTITIES

Any estimate of quantities of Work to be done and Materials to be furnished in these Contract Documents is an approximation and is given only as a basis of calculation upon which to determine the lowest Bidder. The Owner does not assume any responsibility for the quantities. The Bidder specifically agrees not to plead misunderstanding or deception because of such estimates, or of the character of Work or location, or other condition pertaining thereto.

2.15 LEAD OR CHROMIUM BASED PAINT, ASBESTOS, EXCAVATED SOIL AND OTHER EXCAVATED MATERIAL

- A. Lead or Chromium Based Paint: A lead paint survey was performed, and the report is included in the reference information on the flash drive. Bidders should include remediation of any identified lead paint in their lump sum bid based on practices identified by local, State and Federal regulations. Pipes/steel members/surfaces that were identified to have

lead-based or lead-containing paint are assumed to have a consistent coating throughout the work area regardless of specific sampling and testing in those areas. Bidders should include remediation of the lead paint both specifically identified and assumed based on continuation of pipes/steel members/surfaces to be demolished in their bid. Lead mitigation shall adhere to practices identified by local, State and Federal regulations.

- B. Asbestos: A pre-demolition asbestos survey was performed, and the report is included in the reference information on the flash drive. Bidders should include any costs in their lump sum bid for the handling, testing, removal and disposal of any asbestos containing material (ACM, greater than 1% asbestos) and any material that contains low concentrations of asbestos (less than or equal to 1% asbestos), specifically identified in the report. These costs shall be based on practices identified by local, State and Federal regulations.

- C. Excavated Soil and Other Excavated Material:

All soils shall be used to refill excavations to grade above embedment of piping. Excess soils shall be wasted on site at a location designated by owner at time of need.

2.16 ACKNOWLEDGMENT OF ADDENDA

Bidders shall acknowledge receipt of all Addenda and signify same by attaching signed copies of each Addendum to the Contract Documents submitted along with their Bid, and by noting each Addendum received, by its identifying number and date received, on the face of its sealed Bid envelope.

2.17 RISK OF LOSS/BID PRICES

All prices quoted shall include material delivered or obtained by the Bidder to or for the Owner F.O.B. at the Job Site. All transportation charges shall be prepaid, and the risk of injury, damage or loss in transit shall be borne by the Successful Bidder. Such injury, damage or loss shall not release the Successful Bidder from any contractual obligations imposed in the Contract Documents. For Owner-Furnished Equipment to be installed under this Contract, prices quoted shall include materials, equipment and labor to load, transport and unload such items from the Owner's storage area to the Job Site, including all risks for damage of this equipment from the time these items are turned over to the Successful Awarded Bidder until the completion of the Contract.

2.18 TAX EXEMPTIONS

The Bidders shall take notice of and shall be responsible for any local or State taxes levied and applicable, and the costs for the same shall be included as part of this Bid. Sales to the Owner may be exempt from Pennsylvania Selective Sales and Use Taxes. Certain of the Bidder's tax obligations are described in more detail in Section 3.21 of the General Conditions entitled, "Sales and Use Tax."

2.19 BID SECURITY/CONTRACT EXECUTION

Bids shall be accompanied by a Certified Check or properly executed Bid Bond on the form included herein, with corporate surety approved to do business in the Commonwealth of Pennsylvania and satisfactory to the Owner and with valid Power of Attorney attached, in the amount of not less than Ten percent (10%) of the total Lump Sum Price quoted under the Bid, payable to the Allegheny County Sanitary Authority, as security that the Bidder, if awarded the Contract, shall enter into a written Contract with the Owner, on the form included herein, and supply to the Owner all required Bonds and all other documents, materials or items required to be executed, delivered or supplied by it.

Upon failure on the part of such Bidder to enter into a written Contract with the Owner (and return all required documents to the Owner, including Performance and Payment Bonds and Insurance Certificates, after proper execution) within Ten (10) calendar days (not including Sundays or Legal Holidays) from the date of mailing of such Contract to it at the address given in its Bid, such defaulting Bidder and its Surety shall be liable to the Owner for the damages sustained by the Owner by reason of such default. In such event, the Bidder's liability shall not be limited to the amount of the Bid security which accompanied its Bid. If the Bid security were a certified check, such check shall be cashed by the Owner and deposited forthwith to the Owner's account. If the Owner's actual damages are less than the amount deposited, the excess shall be returned to the defaulting Bidder. No allowance for interest or the like shall be paid or payable by the Owner on any Bid security.

The Bid security of any Bidder that the Owner believes may receive the award may be retained by the Owner until the earlier of the tenth calendar day after the Effective Date of the Contract or the sixty-first calendar day after the Bid opening.

2.20 WITHDRAWAL OR MODIFICATION OF BIDS

The attention of Bidders is directed to the fact that, in submitting its Bid, the Bidder agrees that it will not withdraw it within Sixty (60) calendar days after the actual date of opening of Bids or for one hundred Twenty (120) calendar days if so permitted under applicable law, or for such longer period as may be agreed to by the Bidder. Upon submission of a proper request to the Owner, in writing, and

identification of the one making the request, a Bid may be withdrawn, at any time prior to the designated time for the opening of Bids. Certain Bids may be withdrawn after the Bid opening if in compliance with the Act of January 23, 1974, P.L. 9 No. 4 §1 et seq. 73 P.S. §1601 et seq. entitled, "Public Contracts - Withdrawal of Bids" (for purposes of this Section, the "Act") subject to the limitations and conditions contained therein. Included in the provisions of the Act is a requirement that the Bidder present credible evidence to the Owner's Director of Engineering and Construction within Two (2) working days after opening the Bids of a clerical mistake, as opposed to a judgment mistake, that was actually due to an unintentional and substantial arithmetical error or an unintentional omission of a substantial quantity of work, labor, material or services made directly in the compilation of the Bid.

Unless a Bid has been formally withdrawn as provided above, it shall be deemed open for acceptance until the Contract Agreement has been executed by both the Bidder and the Owner or until the Owner manifests that it does not intend to accept the Bid. Notice of acceptance of any one Bid shall not constitute rejection of any other Bid or a manifestation that Owner does not intend to accept any other Bid.

Any Bidder may modify its Bid by telegraphic or facsimile communication at any time prior to the scheduled closing time for receipt of Bids, provided that such telegraphic or facsimile communication is received by the Owner prior to such closing time and, further, provided that a written confirmation of the telegraphic or facsimile communication, over the signature of the Bidder, was postmarked prior to such closing time. Telegraphic or facsimile modifications shall not reveal the Bid price but shall provide the amount(s) to be added to, subtracted from, or other modifications necessary to be made to the prices or terms of the Bid, so that the final prices or terms will not be known to the Owner until the sealed Bid is opened. If the required written confirmation is not received by the Owner within Two (2) calendar days (excluding Sundays or Legal Holidays) from the closing time, the Owner may, at its option, refuse to consider or give legal effect to such telegraphic or facsimile communication.

2.21 MORE THAN ONE BID

If more than one Bid is offered by any one Bidder in its own name or in the name of his agent, partner, or other person, then all but the lowest of such Bids will be rejected.

2.22 ALTERATION OF BIDS AND DOCUMENTS

No alteration, erasure, addition or omission of required information, or any change of the Contract Documents is permitted, except in accordance with the provisions of Section 2.11 hereof entitled, "Questions Regarding Contract Documents/Errors."

2.23

RIGHT TO REJECT OR ACCEPT BIDS

The Owner reserves the right, which is understood and agreed to by all Bidders, to reject any or all Bids; to waive any informality, nonmaterial change or clarification in any part or provision of the submitted Contract Documents; or to accept any Bid, should the Owner determine that it is in its best interest to do so. The Owner's decision on the qualification of any Bidder or the adequacy, responsiveness, propriety or timeliness of the Bid and/or its decision to reject any or all Bids or to accept any Bid shall be final, binding and uncontestable as to the Bidder.

Any part of the Bid submitted by the Bidder which is unintelligible, or which exhibits any erasure or other mutilation, or is not properly signed or otherwise made up, will, at the discretion of the Owner, be considered nonresponsive and may be rejected for that reason alone.

The Owner may consider the qualifications and experience of subcontractors, suppliers, and other persons and organizations proposed for those portions of the Work as for which the identity of subcontractors, suppliers, and other persons and organizations is requested in the Contract Documents or made by the Bidder.

2.24

QUALIFICATIONS AND EXPERIENCE OF BIDDERS

Each Bidder and its subcontractor must be regularly engaged in, and have at least Five (5) year's experience in, the installation of the particular type(s) of construction, systems and equipment required for this contract. No award will be made to any Bidder who cannot warrant or demonstrate that it possesses the knowledge, experience, skill, capital, financial capacity, charters, licenses, permits, patents and personnel necessary to satisfactorily enable it to prosecute and satisfactorily complete the Work within the Time For Completion as set forth in the Contract Provisions.

Completion of the Contractor's Experience Questionnaire in the Bid Documents is a mandatory requirement of all Bidders and failure to complete this Questionnaire accurately and honestly will be grounds for rejection of a Bid.

The Owner's decision or judgment on these matters will be final, conclusive and binding based upon the information provided by the Bidder in the Contractor's Experience Questionnaire and any additional investigations that it may make. The Owner may make such additional investigations as it deems necessary and the Bidder shall furnish to the Owner, under oath if so required, all such additional information and data for this purpose as the Owner may request. Contractor's who cannot demonstrate and prove that they and their

subcontractors have successfully performed Work similar to that required for this contract will not be considered responsive and/or responsible and will not be considered for this Work.

2.25 MINORITY AND WOMEN'S BUSINESS ENTERPRISE AND LABOR
SURPLUS AREA POLICY

It is the policy of the Owner to award a fair share of contracts to minority and women's businesses. The goal of the Authority is that Ten to Twenty-five Percent (10% to 25%) of all dollars relating to its contracts be awarded to minority or women's business enterprises. The Owner will make every effort to meet that goal in its contracts as well as encourage that goal among its contractors, suppliers and their subcontractors.

The Owner uses affirmative steps to assure that minority and women's businesses are used when possible as sources of supplies, equipment, construction, and services. The Owner encourages its contractors and suppliers to take the same measures when recruiting Subcontractors. Affirmative steps include the following:

- A. Including minority and women's businesses on solicitation lists and contacting them whenever they are potential sources.
- B. Use of area newspapers that serve minority or women's groups for advertising for contracts when work permits. A statement of this policy will be included in the ad text.
- C. Use of minority or women's business associations to contact businesses of this type. A list of these organizations is maintained at the Authority.
- D. Dividing total requirements when economically feasible into small tasks or quantities to permit maximum participation of minority and women's businesses.
- E. Establishing delivery schedules when the requirements of the Work permit that will allow these businesses to participate.
- F. Requiring each party to a sub-agreement to take the affirmative steps listed above.
- G. Procuring goods and services from labor surplus area firms.

Further information concerning this matter may be obtained from the Owner's Manager of Construction.

The Owner will allow lower-tier subcontractor participation to contribute to the

Bidder's MBE/WBE goal of Ten to Twenty-five Percent (10% to 25%).

2.26 FICTITIOUS NAME REGISTRATION

Where the Bid is made by an individual or individuals doing business under a fictitious name, there shall be attached to the Bid, Certificates from the Office of the Secretary of the Commonwealth and from the Prothonotary's Office showing that each individual or individuals are fully registered under the Fictitious Names Act of the Commonwealth of Pennsylvania 1982, Dec. 16, P.L. 1309, No. 295 § 2, 54 Pa. C.S.A. § 301, et. seq. Additional Certificates, in as many copies as may be required shall be furnished to the Owner by the successful Bidder prior to the execution of the Contract.

2.27 NON-PENNSYLVANIA CORPORATIONS

Attention is directed to the fact that if the Bidder is a non-Pennsylvania corporation, it shall obtain a Certificate of Authority to do business in Pennsylvania, as required by the Pennsylvania Business Corporation Law of 1988, approved December 21, 1988, P.L. 1444, No. 177 § 103 amended, 1990, Dec. 19, P.L. 834, No. 198, § 102, 15 Pa. C.S.A. § 4121.

2.28 PRE-BID CONFERENCE

A **Pre-Bid Conference** will be held on site, at **10:00 A.M.** prevailing time, on **Wednesday, October 15, 2025**. A **second Pre-Bid Conference will be held on Wednesday, October 29, 2025 at 12:30 P.M.** Prospective Bidders are encouraged to attend. Meeting will begin in Auditorium and then proceed to tour work areas.

2.29 PATENTS AND PROPRIETARY RIGHTS

Prior to bidding, the Bidder shall acquire through assignment, purchase, license, or other means, all rights required to fully utilize all technology, know-how, trade secrets, inventions, processes, articles, procedures, equipment, apparatus, devices, or any part thereof, and any and all things or matters that are to be used in pursuance of its performance under the terms and conditions of this Contract. Under no circumstances may the Bidder infringe on any patent or any other proprietary rights of third parties in its performance under the terms and conditions of this Contract.

In the event that the Owner shall have any reason to believe that any Bid or performance of this Contract will in any way infringe on any patent or proprietary rights of third parties, the Owner may, at its sole discretion, reject any such Bid or take such other measures that it deems to be in its best interest (including requiring the Bidder to post security). The Bidder will defend, indemnify and save harmless Owner, and all persons acting for or on behalf of Owner, from all

claims and liability of any nature or kind, including costs and expenses, arising from or occasioned by any infringement or alleged infringement of patent or proprietary rights on any technology, know-how, trade secret, invention, process, article, procedure, equipment, apparatus, device, or any part thereof, to be furnished, utilized or installed by said Bidder, or arising from or occasioned by the use or manufacture thereof, including their use by the Owner. Patents and Proprietary Rights are discussed in more detail in the Contract Provisions.

2.30 MATERIALS

Submittal of a Bidder constitutes a representation by the Bidder that all specified materials and equipment will be available in time for the timely completion of this Contract. The Awarded Bidder is responsible for making sure that the progress of the Work is orderly and timely. The Awarded Bidder's duties and responsibilities are discussed in more detail in the General Contract.

2.31 LIST OF MAJOR SUBCONTRACTORS/SUPPLIERS

The Bidder shall submit for approval a list of all subcontractors employed on the Work, whose work to be performed is anticipated to be in excess of One Hundred Thousand Dollars (\$100,000.00), or Five percent (5%) of the Lump Sum Price, whichever is greater, with a list of Work they are to perform. Bidders are advised that they must submit a complete list of subcontractors. Failure to provide this information at the time specified will, at the Owner's election, make the Bid nonresponsive or constitute a breach of the awarded Contract. The Bidder is also cautioned that should the Contract be awarded to it, it must use the subcontractor named in its list of subcontractors for each of the items listed, unless otherwise directed in writing by the Owner.

2.32 NEW OR REMANUFACTURED EQUIPMENT

Unless otherwise specified in the Contract Documents, all products offered by the Bidder must be new. A "new" product is one which will be used first by the Owner after it is manufactured or produced.

2.33 PROJECT LABOR AGREEMENT AND LETTER OF ASSENT

A Project Labor Agreement, which includes a letter of Assent, is included herein.

The Bidder shall, when submitting their bid, acknowledge that it will abide by the Project Labor Agreement by signing and submitting a Letter of Assent in the format given in Attachment A.

The successful bidder/Contractor shall receive a copy of the project labor agreement for execution. The blank spaces seen in this copy will be filled in with

the appropriate prime Contractor's abbreviation. (i.e. G.C. for the General, E.C. for the Electrical, and H.C. for the HVAC.)

The Contractor shall also require each Subcontractor to execute a copy of the Letter of Assent. The Contractor must be sure that each of its Subcontractors has furnished an executed copy of the Letter of Assent to the CM before the Subcontractor starts work on the Project. The Contractor shall abide by and ensure that each Subcontractor abides by the terms of the Project Labor Agreement.

2.34 OWNER PROVIDED MODEL FILE

Owner can provide 2D model of the project area to the winning bidders. The intent of providing the model is for use by the bidder to facilitate sequencing of the work in preparing its bid. The Owner and the Final Design Consultant make no warranty or representation to the quality, performance, merchantability or fitness for a particular purpose of the model. The Bidder assumes the entire risk as to the quality of the model and the Owner and the Final Design Consultant shall not be responsible or liable for any damages caused, in whole or in part, by use of the model.

The Owner and Final Design Consultant do not warrant or guarantee the accuracy of the information and data contained in the 2D model. The information and data contained in the model is not a substitute for the Bidder visiting the Project site, familiarizing itself with the site conditions, or the sound engineering judgment of the Bidder. Any use of, or reliance on, all or a portion of the 2D model by the Bidder shall be at the Bidder's sole risk and without liability to the Owner or Final Design Consultant. The 2D model is not a Contract Document.

ATTACHMENT – A

LETTER OF ASSENT

PROJECT LABOR AGREEMENT

LETTER OF ASSENT

All contractors of whatever tier shall execute the following Letter of Assent prior to commencing work:

[Contractor's letterhead]

ALCOSAN
Kimberly Kennedy, P.E.
3300 Preble Avenue
Pittsburgh, PA 15233

Re: Contract 1827 G, E, H – MISC HVAC IMPROVEMENTS PROJECT

Dear Ms. Kennedy:

Pursuant to Article IV, Section 3 of the above-referenced Agreement, the undersigned Contractor hereby agrees that it will be bound by and comply with all terms and conditions of said Project Stabilization Agreement, and any amendments thereto. The undersigned Contractor specifically stipulates that it will follow and be bound by the provisions of the Agreement related to referral of employees set forth in Article VI; the grievance and arbitration procedure stated in Article VII; and the procedure for resolution of jurisdictional disputes set forth in Article VIII of the Agreement.

This Letter of Assent shall be in effect during the period of time the Contractor performs work on the Project and shall remain in effect for the duration of the Contractor's work on the Project.

Sincerely,

[Name of Contractor or Subcontractor]

By: _____

Title: _____

ARTICLE I

INTENT AND DURATION

Section 1 **Intent and Duration** This Project Stabilization Agreement (the “Agreement”) is entered into between Allegheny County Sanitary Authority (“ALCOSAN”); _____ as General Contractor (GC) and Construction Trades Council of Pittsburgh, AFL-CIO (“BCTC”); and the Signatory Unions (the “Unions”) and applies exclusively to the construction work within the scope of this Agreement to be performed on the ALCOSAN’s **CONTRACT NO. 1827 G, E, H – MISC HVAC IMPROVEMENTS PROJECT** (the “Project”). The purpose of this Agreement is to promote efficiency in the construction of the Project and to provide for the peaceful settlement of any and all labor disputes and grievances without strikes or lockouts, thereby promoting the public interest in assuring the timely and economical completion of the Project. This Agreement shall expire and be of no further force or effect upon the completion of the Project.

Upon execution of this Agreement by all parties, all construction work covered by this Agreement on the Project shall be contracted exclusively to Contractors who agree to execute and be bound by the terms of this Agreement. The Unions agree that other Contractors may execute the Agreement for purposes of performing such work. The GC shall monitor compliance with this Agreement by all contractors, who through their execution of a Letter of Assent hereto, together with their subcontractors, shall become bound hereto. For purposes of this Agreement, the term “Contractor” shall be deemed to include all construction contractors and subcontractors of whatever tier engaged in on-site construction work on the Project, including the GC when it performs such construction work.

The GC, the Unions and all signatory Contractors agree to abide by the terms and conditions contained in the Agreement. This Agreement represents the complete understanding of all parties, and no Contractor is or will be required to sign any other agreement with a signatory union as a condition of performing work coming within the scope of this Agreement. No practice, understanding or agreement between a Contractor and a Union which is not specifically set forth in this Agreement will be binding on any other party unless endorsed in writing by the GC.

Section 2 **Limitation of Agreement to Project** The Unions agree that this Agreement will be made available to, and will fully apply to, any successful bidder for work on the Project, without regard to whether that successful bidder performs work at other sites on either a union or a non-union basis, and without regard to whether employees of such bidder are or are not members of any union. The Unions further agree that this Agreement applies only to this Project, and that by signing the Letter of Assent hereto, a Contractor, not previously in signed agreement with the Unions, does not recognize the Unions as the bargaining representative of any of its employees at any other project, site or location. It is the intent of this Agreement that Contractors who sign it will create a relationship with the Unions governed by the provisions of Section 8(f) of the Labor Management Relations Act, 29 U.S.C. §158(f).

ARTICLE II

PURPOSE

Section 1 **Purpose** The parties' signatory to this Agreement accordingly pledge their complete good faith and trust to work towards an absolutely on-time completion of the Project. The signatory parties further pledge to demonstrate nationally that Western Pennsylvania enjoys a mature labor relations climate and continues to be the number one location in the United States to live and work.

Section 2 **Time is of the Essence** The parties to this Agreement understand and agree that time is of the essence for this Project. The parties understand and agree that the ALCOSAN and the GC has a critical need for timely substantial completion of the Project, as the Project must be completed within **520 calendar days of the date of the Notice to Proceed.** Timely completion of the Project without interruption or delay is therefore vital. The parties understand and agree that timely construction of the Project will require substantial numbers of employees from construction and supporting crafts possessing skills and qualifications that are essential to its completion; the Unions pledge that they have members who are competent, skilled, and qualified to perform the required construction work. The parties also understand that on-budget completion of the Project is most critical; it is therefore essential that construction work on the Project be done in an efficient, economical manner with optimum productivity and no delays. In recognition of those special needs of the Project, Unions signatory hereto and their members agree not to initiate, authorize, sanction, participate in or condone, or permit their members to engage in, any strike, sympathy strike, jurisdictional strike, recognitional strike, slowdown, sabotage, work to rule, sickout, sit down, picketing of any type (including informational picketing), hand billing, boycott, interruption of work or any disruptive activity that interferes with or interrupts in any way work on the Project. Contractors agree not to engage in any lockouts.

ARTICLE III

BENEFITS OF THE AGREEMENT

Section 1 **Benefits of the Agreement** This Agreement is intended to foster the achievement of a timely and on-budget completion of the Project by, among other things:

- (a) Avoiding the costly delays of potential strikes, sympathy strikes, jurisdictional strikes, slowdowns, walkouts, picketing, hand billing and any other disruptions or interference with work, and promoting labor harmony and peace for the duration of the Project;
- (b) Standardizing terms and conditions governing the employment of labor on the Project;
- (c) Permitting a wide flexibility in work scheduling, shift hours, and starting times;
- (d) Achieving negotiated adjustments as to work rules and staffing requirements from those which otherwise might obtain;
- (e) Providing comprehensive and standardized mechanisms for the settlement of work disputes;
- (f) Ensuring a reliable source of skilled and experienced labor; and
- (g) Furthering public policy objectives, to the extent lawful, as to improved employment opportunities for the Minority business Enterprises, Women Business Enterprises.

ARTICLE IV

SCOPE OF THE AGREEMENT

Section 1 **The Work** This Agreement is specifically defined and limited to onsite construction work required to construct the Project. The site of the construction is agreed to be **the central portion of the Alcosan treatment plant** as shown on the contract drawings.

Section 2 **Exclusions from Scope** Items specifically excluded from the scope of this Agreement, even if performed in connection with the Project, include the following:

- (a) Work of non-manual employees, including but not limited to, superintendents, supervisors, staff engineers, inspectors, quality control and quality assurance personnel, timekeepers, mail carriers, clerks, office workers including messengers, guards, safety personnel, emergency medical and first aid technicians, and other professional, engineering, administrative, supervisory and management employees.
- (b) Equipment and machinery owned or controlled and operated by ALCOSAN.
- (c) All off-site manufacture, fabrication or handling of materials, equipment or machinery (except at dedicated lay-down or (storage areas), and all deliveries of any type to and from the Project site.
- (d) All employees of ALCOSAN, the CM, Final Design Team or any other consultant when such employees do not perform manual labor coming within the scope of this Agreement.
- (e) Any work performed on or near or leading to or onto the site of work on the Project and undertaken by state, county, city or other governmental bodies, or their contractors; or by public utilities or their contractors.
- (f) Off-site maintenance of leased equipment and on-site supervision of all such maintenance work.
- (g) Work by employees of a manufacturer or vendor necessary to maintain such manufacturer's or vendor's warranty or guarantee, unless such work has historically and customarily been performed by members of a signatory union, or work performed by supervisors or technicians employed by the manufacturer or vendor to oversee the testing of equipment once installed to insure that the equipment is fully operational.
- (h) Laboratory work for specialty testing or inspections not ordinarily done by the signatory local unions.
- (i) All work done by employees of ALCOSAN, or of any State agency, authority or entity or employees of any municipality or other public employer.
- (j) All employees and entities engaged in ancillary Project work performed by electric utilities, gas utilities and telephone companies.

The Unions agree that there shall be no interference with, or disruption of work, of those contractors, employers and employees exempted from coverage of this Agreement by subparagraph (a) through (j) above.

This Agreement is a stand-alone agreement. While this Agreement expressly does not incorporate any local area collective bargaining agreements, such local area collective bargaining agreements may be referenced for the limited purposes as hereinafter set forth in this Agreement. However, to the extent, if any, that any provisions of this Agreement conflict with any provision of a local area collective bargaining agreement, the provisions of this Agreement shall control, except for all work performed under the NTL Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, all instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Systems Technicians, and the National Agreement of the International Union of Elevator Constructors, with the exceptions of Article VII – Grievance Arbitration Procedure, Article VIII – Jurisdictional Disputes, and Article X – Work Stoppages, of this Project Agreement, which shall apply to such work.

Section 3 **Contract Award and Consent to Agreement**

- (a) The GC and/or Contractors, as appropriate have the absolute right to award contracts or subcontracts on the Project notwithstanding the existence or nonexistence of any Agreements between such contractor and any Union party provided only that such Contractor is willing, ready and able to execute and comply with this Agreement or a Letter of Assent thereto, should such Contractor be awarded work covered by this Agreement.
- (b) All subcontractors of a Contractor, of whatever tier, who have been awarded contracts of work covered by this Agreement on or after the effective date of this Agreement shall also be required to accept and to be bound by the terms and conditions of this Agreement and shall evidence their acceptance by the execution of this Agreement or a Letter of Assent thereto, prior to the commencement of work. A copy of this Agreement or Letter of Assent executed by each Contractor shall be available for review by the Unions.

Section 4 **Craft Jurisdiction** This Agreement shall recognize the traditional craft jurisdictions of the signatory unions. Any and all jurisdictional disputes shall be settled in accordance with Article VIII below. While this Agreement is a stand-alone Agreement and expressly does not incorporate any local are collective bargaining agreements, the Agreement will utilize the local area collective bargaining agreements of signatory locals as a reference to define the signatory local unions' craft jurisdiction.

Section 5 **Subcontracting** ALCOSAN agrees that neither it nor any of its contractors or subcontractors will subcontract any work covered by this Agreement to be done on the Project except to a person, firm or corporation who is or agrees to become party to this Agreement. Any contractor or subcontractor working on the Project shall, as a condition to working on said Project, become a signatory to and perform all work under the terms of this Agreement. Contractors who are signatory to local collective bargaining agreements shall be bound by the terms of their respective local collective bargaining agreements on subcontracting to the extent such terms are consistent with Article IV, Section 2 of this Agreement. Disputes

concerning compliance with such local subcontracting provisions for this project shall be subject to all of the dispute resolution provisions of this Agreement.

Section 6 **Liability** It is understood that the liability of the Contractor and the liability of the separate Unions under this Agreement shall be several and not joint. The Unions agree that this Agreement does not have the effect of creating any joint employer status between or among ALCOSAN and/or any Contractor and ALCOSAN shall not assume any liabilities of the Contractors.

Section 7 **Abatement of Agreement** As areas of covered work on the Project are accepted by ALCOSAN, this Agreement shall have no further force or effect on such areas except where the Contractor is directed by ALCOSAN to engage in repairs or punch list modifications.

ARTICLE V

LABOR/MANAGEMENT COOPERATION JOINT ADMINISTRATIVE COMMITTEE

Section 1 The parties to this Agreement shall establish a Project Joint Administrative Committee (“Committee”). This Committee will be a three-person committee comprised of one member each from the General Contractor, from ALCOSAN, and from the signatory Unions, with an alternate signatory Union member available to replace the regular volunteer when a problem or grievance concerns the regular member’s Union. The members of the Project Joint Administrative Committee shall be appointed by their respective principals at a time to be determined after the time the General Contract is awarded. Each member of the Committee shall designate an alternate who shall serve in the absence of the member for any purpose contemplated by this Agreement.

Section 2 The Committee shall meet at least quarterly or more often if special circumstances warrant, to discuss the administration of the Agreement, the progress of the Project, labor/management problems that may arise, and any other relevant matters. Any need for interpretation which might arise from the application of the terms and conditions of the Agreement shall be referred directly to the Committee for resolution.

ARTICLE VI

UNION RECOGNITION AND EMPLOYMENT

Section 1 **Pre-Hire Recognition** Each Contractor recognizes the Unions as the sole and exclusive bargaining representative of all craft employees within their respective jurisdictions working on the Project under the Agreement. It is contemplated that such recognition under this Agreement is pursuant to the provisions of Section 8(f) of the Labor Management Relations Act, 29 U.S.C. §158(f) unless the signatory Contractor and Unions have another, preexisting legal relationship.

Section 2 **Contractor's Right of Selection** Each Contractor shall have the right to determine the competency of all employees, the number of employees required and shall have the sole responsibility for selecting employees to be laid off.

Section 3 **Union Referral** For Local Unions having a job referral system, each Contractor agrees to comply with such system, and the referral system shall be used exclusively by such Contractor, except as modified by this Article. Such job referral system will be operated in a non-discriminatory manner and in full compliance with Federal, State, and Local laws and regulations requiring equal employment opportunities and non-discrimination, and referrals shall not be affected in any way by the rules, regulations, by-laws, constitutional provisions or any other aspects or obligations of union membership, policies or requirements. The Union shall indemnify and hold each Contractor harmless with respect to any claim arising out of how the Union operates and administers its referral system. All hiring procedures, including related practices affecting apprenticeship and training, will be operated so as to facilitate the ability of the contractors to meet any and all equal employment opportunity/affirmative action obligations. The Contractor may reject any referral for any reason and request another, different referral.

Section 4 **Lack of Job Referral System** In the event that a signatory Local Union does not have a job referral system as set forth in Section 3 above, the Contractor shall give the Union forty-eight (48) hours to refer applicants. The Contractor may reject any referral for any reason and request another, different referral. The Contractor shall notify the Union of employees hired from any source other than referral by the Union.

Section 5 **Unavailability of Union Referrals** In the event that Local Unions are unable to fill any requisitions for qualified employees within Forty-eight (48) hours after such requisition is made by the Contractor (Saturdays, Sundays, and Holidays excepted), the Contractor may employ applicants from any other available source. The Contractor shall inform the Union of the name and social security number of any applicants hired from other sources and refer the applicant to the Local Union for dispatch to the Project.

Section 6 **No Cross-Referrals** The Local Unions shall not knowingly refer an employee currently employed by any Contractor working under this Agreement to any other Contractor, nor shall any Union engage in any activity which encourages workforce turnover or absenteeism.

Section 7 **Union Best Efforts** The Local Unions will exert their utmost efforts to recruit sufficient numbers of skilled craft workers to fulfill the manpower requirements of each Contractor, including calls to local unions in other geographical areas when its referral lists have been exhausted.

Section 8 **Non-Discrimination** No employee covered by this Agreement shall be required to join any Union or pay any agency fees or dues as a condition of being employed, or remaining employed, on the Project. Where, however, there is in effect and in the possession of the Contractor a voluntary written dues deduction authorization executed by the employee on a standard form furnished by the Union, the Contractor agrees to deduct union dues from the pay of the employee and to remit the dues to the Union at the same time that trust fund contributions are required to be remitted to the administrators of the appropriate trust funds on behalf of that employee.

Section 9 **Core Employees** To provide opportunities to participate on the Project to minority and women owned business enterprises as well as other enterprises which do not have a relationship with the Unions signatory to this Agreement and to ensure that such enterprises will have an opportunity to employ their “core” employees on this Project, the parties agree that any such enterprise has the right to select core employees whom it will employ on site, in accordance with the formula below and who:

- (a) Possess any license required by the state or federal law for the Project work to be performed;
- (b) Have worked a total of at least 1,200 hours per year in the construction craft during each of the prior 3 years, including participating in a state certified apprenticeship program;
- (c) Were on the Contractor’s active payroll for at least 60 out of the 180 calendar days prior to the contract award;
- (d) Have the ability to perform safely the basic functions of the applicable trade.

The first employee and the third employee, or up to ten percent (10%) percent of all employees, whichever is greater, hired by each contractor may be core employees. After such core employees have been hired by any contractor, all the employees shall thereafter be hiring hall referrals by the appropriate signatory unions in accordance with the provisions of the applicable local collective bargaining agreements.

Section 10 **Craft and General Forepersons** The selection of craft foreman and/or general foreman and the number foreman required shall be the exclusive right and responsibility of each contractor.

Section 11 **Helmets to Hardhats** The Employers and the Unions recognize a desire to facilitate entry into the building and construction trades of veterans who are interested in careers in the building and construction industry. The Employers and Unions agree to utilize the services of the Center for Military Recruitment, Assessment and Veteran's Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs identified by the parties.

The Unions and Employers agree to coordinate with the Center to create and maintain an integrated database of veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Unions will give credit to such veterans for bona fide, provable past experience.

ARTICLE VII

GRIEVANCE ARBITRATION PROCEDURE

Section 1 This Agreement is intended to provide close cooperation between management and labor. Each of the Unions will assign a representative to this Project for the purpose of completing the construction of the Project economically, efficiently, continuously, and without interruptions, delays, or work stoppages.

Section 2 The Contractors, Unions, and the employees, collectively and individually, realize the importance to all parties to maintain continuous and uninterrupted performance of the work of the Project, and agree to resolve disputes in accordance with the grievance-arbitration provisions set forth in this Article.

Section 3 Any question or dispute arising out of and during the term of this Project Agreement (other than trade jurisdictional disputes) shall be considered a grievance and subject to resolution under the following procedures:

- Step 1:
- (a) When any employee subject to the provisions of this Agreement feels he or she is aggrieved by a violation of this Agreement, he or she, through his or her local union business representative or job steward, shall, within Five (5) working days after the occurrence of the violation, give notice to the work-site representative of the involved Contractor stating the provision(s) alleged to have been violated. The business representative of the local union or the job steward and the work-site representative of the involved Contractor and the General Contractor shall meet and endeavor to adjust the matter within Three (3) working days after timely notice has been given. The representative of the Contractor shall keep the meeting minutes and shall respond to the Union representative in writing (copying the General Contractor) at the conclusion of the meeting but not later than Twenty-four (24) hours thereafter. If they fail to resolve the matter within the prescribed period, the grieving party may, within Forty-eight (48) hours thereafter, pursue Step 2 of the Grievance Procedure, provided the grievance is reduced to writing, setting forth the relevant information concerning the alleged grievance, including a short description thereof, the date on which the grievance occurred, and the provision(s) of the Agreement alleged to have been violated.
 - (b) Should the Local Union(s) or the General Contractor or any Contractor have a dispute with the other party and, if after conferring, a settlement is not reached within Three (3) working days, the dispute may be reduced to writing and proceed to Step 2 in the same manner as outlined herein for the adjustment of an employee complaint.

Step 2: The International Union Representative and the involved Contractor shall meet within Seven (7) working days of the referral of a disputed to this second step to arrive at a satisfactory settlement thereof. Meeting minutes shall be kept by the Contractor. If the parties fail to reach an agreement, the dispute may be appealed in writing in accordance with the provisions of Step 3 within Seven (7) calendar days thereafter.

Step 3: (a) If the grievance has been submitted but not adjusted under Step 2, either party may request in writing, within Seven (7) calendar days thereafter, that the grievance be submitted to an Arbitrator mutually agreed upon by them. The Contractor and the involved Union shall attempt mutually to select an Arbitrator, but if they are unable to do so, they shall request the American Arbitration Association to provide them with a list of arbitrators from which the Arbitrator shall be selected. The rules of the American Arbitration Association shall govern the conduct of the arbitration hearing. The decision of the Arbitrator shall be final and binding on all parties. The fee and expenses of such arbitration shall be borne equally by the Contractor and the involved Local Union(s).

(b) Failure of the grieving party to adhere to the time limits established herein shall render the grievance null and void. The time limits established herein may be extended only by written consent of the parties involved at the particular step where the extension is agreed upon. The Arbitrator shall have the authority to make decisions only on issues presented to him or her, and he or she shall not have authority to change, amend, add to or detract from any of the provisions of this Agreement.

Section 4 The General Contractor and ALCOSAN shall be notified of all actions at Steps 2 and 3 and shall, upon their request, be permitted to participate in all proceedings at these steps.

ARTICLE VIII

JURISDICTIONAL DISPUTES

Section 1 The assignment of work will be solely the responsibility of the Contractor performing the work involved, and such work assignments will be in accordance with the Plan for the Settlement of Jurisdictional Disputes in the Construction Industry (the “Plan”) or any successor Plan.

Section 2 There will be no strike, sympathy strike, jurisdictional strike, recognitional strike, slowdown, sabotage, work to rule, sickout, sit-down, picketing of any type (including informational picketing), hand billing, boycott, interruption of work or any disruptive activity that interferes with or interrupts in any way work on the Project by the Unions or their members arising out of, or because of, any jurisdictional dispute. All jurisdictional disputes on this Project, between or among Building and Construction Trades Unions and employers shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Contractors and Unions party to this agreement. This Jurisdictional Dispute Resolution Procedure will only apply to work performed by Local Unions at the Project. Any Local Union involved in a jurisdictional dispute on this Project shall continue working in accordance with Sections 1 and 2 above without disruption of any kind, and the Contractor’s initial assignment shall be adhered to until the dispute is resolved. Individuals violating this section shall be subject to immediate discharge.

Section 3 Each Contractor will conduct a pre-job conference with the appropriate Building and Construction Trades Council prior to commencing work. The General Contractor and the Owner will be advised in advance of all such conferences and may participate if they wish.

Section 4 Nothing in this Article of this Agreement shall preclude any Contractor from obtaining administrative or injunctive relief to halt any strike, picketing, or work stoppage pending resolution of a dispute pursuant to this Article.

ARTICLE IX

MANAGEMENT'S RIGHTS

Section 1 **Exclusive Authority – Workforce** The GC and the Contractors retain the full and exclusive authority for the management of their operations and workforces. The GC and Contractors retain the right to plan, direct, and control the workforce, including the hiring, promotion, demotion, transfer, layoff, suspension, discipline or discharge for just cause of employees; the determination of crew make-up, crew size and manning levels; the selection of foremen, the assignment and scheduling of work; the promulgation of work rules; and the requirement of overtime work, the determination of when it will be worked and the number and identity of employees engaged in such work. No rules, customs, or practices which limit or restrict productivity, efficiency of the individual and/or joint working efforts of employees shall be permitted or observed. The GC and Contractors may utilize any methods or techniques of construction and operation.

Section 2 **Materials, Design, Machinery, Equipment** There shall be no limitation or restriction by a signatory Union upon a Contractor's choice of materials or design, nor, regardless of source or location, upon the full use and utilization of equipment, machinery packaging, pre-cast, pre-fabricated, pre-finish, or pre-assembled materials, tools or other labor saving devices. The on-site installation or application of all items shall be performed by the craft having jurisdiction of such work; provided, however, that installation of specialty items may be performed by employees employed under this Agreement who may be directed by other personnel in a supervisory role, in circumstances requiring special knowledge of the particular items.

Section 3 **Specialty Work** It is recognized by the Contractors, the Unions, and their members that the performance of certain work on the Project shall consist of the installation of certain materials, equipment, or supplies manufactured outside this local vicinity which must, for warranty purposes, be installed by the manufacturer and/or designated specialty contractors and that such installation work is not customarily performed by the members of such unions. The Unions and their members agree that they shall make no claims for such work; provided, however, that the GC and/or the Joint Administrative Committee shall provide them with the necessary information establishing the nature of such specialty work.

Section 4 **New Technology, Equipment** The use of new technology, equipment, machinery, tools and/or labor saving devices and methods of performing work may be initiated by any Contractor from time to time during the Project. The Union agrees that it will not in any way restrict the implementation of such new devices or work methods.

Section 5 **Disputes** If there is any disagreement between any Contractor and the Union concerning the manner or implementation of such device or method of work, the implementation shall proceed as directed by the Contractor, and the Union shall have the right to grieve and/or arbitrate the dispute as set forth in Article VII of this Agreement.

ARTICLE X

WORK STOPPAGES

Section 1 **No Strikes or Work Disruptions** There shall be no strike, sympathy strike, jurisdictional strike, recognitional strike, slowdown, sabotage, work to rule, sickout, sit-down, picketing of any type (including informational picketing), hand billing, boycott, interruption of work or any disruptive activity that interferes with or interrupts in any way work on the Project. The Unions signatory hereto, and each of their members, agree not to initiate, authorize, sanction, participate in, condone, or permit their members to engage in any such activity. Failure of any Union or employee covered by this Agreement to cross any picket line established by any Union, signatory or non-signatory to the Agreement, or by any other organization or individual at or in proximity to the Project construction site, is a violation of this Article. The signatory Union shall be responsible for any action of its members, which violates this section, and its members shall be subject to discipline up to and including discharge for violation of the provisions of this article.

Section 2 **Union Responsibilities** The Union shall not sanction, aid or abet, encourage or condone any conduct or activity in violation of this Article, and shall undertake all means to prevent or to terminate any such conduct immediately. No employee shall engage in activities which violate this Article, and the Union shall pursue all disciplinary action permitted by its Constitution and By-laws against any employee who engages in any activity which violates this Article.

Section 3 **Violation** If any Contractor and/or ALCOSAN contends that any Union or its member(s) has violated this Article, it will notify in writing the International President(s) of the Union(s) involved, advising him of the fact, with copies of such notice to the Local Union(s) involved, and the BCTC. The International President or Presidents will immediately instruct, order and use the best efforts of his office, including discipline procedures under its Constitution and By-laws, to cause the Local Union(s) or its members to cease any violation of this Article.

Section 4 **Expedited Arbitration** Should ALCOSAN, GC or any Contractor believe that there has been any violation of this Article, it may institute this expedited arbitration procedure (in addition to any action at law or in equity, or any other contractual procedure available to it). The parties to this Agreement have agreed that the Labor Arbitration Rules of the American arbitration Association shall apply, including the Rules governing Expedited Arbitration. The Arbitrator shall hold a hearing within twenty-four (24) hours of verbal or written notice of a claimed violation of this Article and shall complete the hearing in one session. The sole issue at the hearing shall be whether or not a violation of this article has occurred. The Arbitrator shall have no authority to consider any matter in justification, explanation, or mitigation of such violation. The arbitral award shall be issued in writing within Three (3) hours after the close of the hearing and may be issued without opinion. If any party desires an opinion, the arbitrator shall issue one within fifteen (15) days, but its issuance shall not delay compliance with, or enforcement of, the award.

ARTICLE XI

WAGES AND BENEFITS

Section 1 **Classification – Wages** All employees covered by this Agreement shall be classified in accordance with work performed and paid the prevailing wage and benefit rates for these classifications. The GC, upon request, shall provide the Unions with substantiation that prevailing wages and benefits are being paid by Contractors on the Project.

Section 2 **Payment of Benefits/Contribution** Each Contractor will also pay all required contributions in the amounts required by Section 1 of this Article to the established employee benefit funds that accrue to the direct benefit of the employees (such as pension and annuity, health and welfare, vacation, apprenticeship, training funds). With respect to contributions required in this Section to Employer-Union jointly trusted funds, the Contractor adopts and agrees to be bound by the written terms of the legally established trust agreement specifying the detailed basis on which payments are to be made into, and benefits paid out of, such Trust Funds. The Contractor authorizes the parties to such Trust Funds to appoint Trustees and successor Trustees to administer the Trust Funds and hereby ratifies and accepts the Trustees and successor Trustees to administer the Trust Funds and hereby ratifies and accepts the Trustees so appointed as if made by Contractor. This section does not apply to core employees unless any core employee voluntarily elects to join and become a member of any local union signatory to this Agreement, in which event this Section shall immediately apply with respect to any such core employee.

ARTICLE XII

LOCAL UNION NEGOTIATIONS DURING THE PENDENCY OF THE AGREEMENT

Section 1 All parties to this Agreement understand and acknowledge that some crafts who will be working on the Project are covered by local collective bargaining agreements that will expire prior to the projected completion of the project. All contracting parties understand and agree that irrespective of whether such local collective bargaining agreement negotiations are successful or unsuccessful, there shall be no strike, sympathy strike, jurisdictional strike, recognition strike slowdown, sabotage, work to rule, sickout, sit-down, picketing of any type (including informational picketing), hand billing, boycott, interruption of work or any disruptive activity that interferes with or interrupts in any way work on the Project by any Union involved in such local negotiations, or by any of its members, nor shall there be any lockout on the Project affecting such union or its members during the course of such negotiations. Irrespective of the status of any such local collective bargaining agreement negotiations, the affected Union and all of its members will observe and fully comply with the provisions of this Agreement.

Section 2 **Wage/Benefit Increases** Should a craft covered by this Agreement negotiate an increase in wages or an increase in benefits with any Contractor to become effective during the term of the Project for the area of Western Pennsylvania, those wage and/or benefit increases shall be paid, as of the effective date of those increases, to those employees in that craft performing work covered by this Agreement.

ARTICLE XIII

HOURS OF WORK, OVERTIME, SHIFTS AND HOLIDAYS

Section 1 **Work Day and Work Week** Except as provided in Section 4, the first shift shall consist of Eight (8) or Ten (10) hours per day between the hours of 6:00 A.M. and 5:30 P.M., plus one-half (1/2) hour for unpaid lunch, approximately mid-way through the shift. Forty (40) hours per week shall constitute a regular week's work, whether consisting of Five (5) Eight (8) hour days, or Four (4) Ten (10) hour days. The work week will start on Monday and conclude on Sunday. A uniform starting time will be established for all crafts on each project or segment of work. Nothing herein shall be construed as guaranteeing any employee Eight (8) or Ten (10) hours per day or Forty (40) hours per week. The Union(s) shall be informed of the work starting time set by the contractor at the pre-job conference which may be changed thereafter upon Three (3) days' notice to the Union(s) and the employees. A second shift, if used, shall consist of eight hours between the 3:00 P.M. and 1:00 A.M.; a third shift, if used, shall begin between 10:00 P.M. and 1:00 A.M. For the purposes of Section 3, the third shift shall be considered as part of the prior day's work.

Section 2 **Starting Times** Employees shall be at their place of work at the starting time and shall remain at their place of work (as designated by the Contractor) performing their assigned functions until quitting time, which is defined as the scheduled end of the shift. The parties reaffirm their policy of a fair day's work for a fair day's wage. There shall be no pay for time not worked unless the employee is otherwise engaged at the direction of the Contractor. Due to the magnitude of the project and congestion of the site, staggered starting times may be required. If necessary, these starting times would be between 6:00 A.M. and 8:00 A.M. This policy could help reduce the transportation problems at start and completion times.

Section 3 **Overtime** Overtime shall be defined as all hours worked in excess of Forty (40) hours in a week, or for Eight (8) hour shifts, in excess of Eight (8) hours per day; or for Ten (10) hour shifts, for work in excess of Ten (10) hours per day; such work and work performed on Saturday shall be paid at one and one-half times the straight time rate of pay. However, in scheduled five day/eight hour shift work-weeks, Saturday may be scheduled as a "make-up" day at straight time to make-up for a day lost (Monday through Friday) due to inclement weather; in scheduled for day/ten hour shift work weeks, Friday and/or Saturday may be scheduled as a "makeup" day at straight time to make up for a lost day (Monday through Thursday) due to inclement weather. In addition, if a makeup day is scheduled, all employees directed to work on such day will be guaranteed a minimum of Four (4) hours work or pay. In any week in which employees on the Project are scheduled on four day/ten hour shifts, an employee whose first day of work on the projects begins on Wednesday, or a later day of the schedule shall be paid, during the first week of his employment only, time and a half for all hours worked in excess of eight in a day for each day he worked during said week. Work on Sundays and Holidays shall be at double time. There will be no restriction on any Contractor's scheduling of overtime or the non-discriminatory designation of employees who will work. The Contractor shall have the right to schedule work so as to minimize overtime. There shall be no pyramiding of overtime pay under any circumstances.

Section 4 **Shifts**

- (a) Shift work may be performed at the option of the Contractor(s) upon Three (3) days' prior notice to the Union and shall continue for a period of not less than five (5) working days. Saturdays and Sundays, if worked, may be used for establishing the Five (5) day minimum work shift. If two shifts are worked, each shall consist of eight (8) hours of continuous work exclusive of a one-half (1/2) hour non-paid lunch period for Eight (8) hours pay.
- (b) The Contractor may establish a work week of Four (4) consecutive Ten (10) hour workdays (exclusive of one-half hour unpaid lunch, approximately midway through the shift) between Monday and Friday.

Section 5 **Holidays** Recognized holidays on the Project shall be New Year's Day, Martin Luther King Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving Day, and Christmas Day. Work performed on holidays shall be paid at double the straight time rate of pay. A holiday falling on Sunday shall be observed the following Monday

Section 6 **Meal Period** The Contractor will schedule a meal period of not more than one-half hour duration at the work location at approximately the mid-point of the scheduled work shift (4 hours in a five-day work week, 5 hours in a four-day work week), consistent with Section 1; provided, however, that the Contractor may, for efficiency of the operation, establish a schedule which coordinates the meal periods of two or more crafts. If an employee is required to work through his meal period, he shall be compensated for the time worked at the applicable overtime rate and the employee shall, when work permits, eat his lunch "on the fly."

Section 7 **No Organized Work Breaks** There will be no organized breaks or other non-working time established during working hours. Individual nonalcoholic beverage containers will be permitted at the employee's work stations.

Section 8 **Craft Worker Parking Facilities** Parking facilities or arrangements for employees working on the Project will be established by ALCOSAN by the time work on the Project commences.

ARTICLE XIV

APPRENTICES

Section 1 **Need For** The parties recognize the need to maintain continuing support of programs designed to develop adequate numbers of competent workers in the construction industry. The Contractor(s) will accordingly employ apprentices in their respective crafts to perform work on the Project within the apprentices' capabilities.

Section 2 **Ratios** The Union agrees to cooperate with the Contractor in furnishing qualified apprentices as requested. There shall be no restrictions on the utilization of apprentices in performing the work of their craft provided they are properly supervised.

ARTICLE XV

DRUG AND ALCOHOL POLICY

Section 1 **Policy** All parties understand and agree that a substance abuse program has been established by the Master Builders' Association of Western PA, Inc. (MBA) and/or the **Constructors Association of Western Pa (CAWP)**, and will be in force for all work performed under the Agreement. The substance abuse program will prohibit the use, sale, transfer, purchase and/or possession of a controlled substance, alcohol and/or firearms while on the Project's premises and will require testing of employees. The substance abuse program will be incorporated into and made part of the Agreement and implemented for all Contractors and employees working on the Project.

ARTICLE XVI

NON-DISCRIMINATION

Section 1 **Policy** It is the continuing policy of the GC, the Contractors and the Unions that the provisions of this Agreement shall be applied without discrimination because of age, race, sex, color, religion, creed, national origin or union signatory or membership status. There shall be no discrimination against an employee because of her or his membership in, or activities on behalf of Unions.

ARTICLE XVII

SOLE AND COMPLETE AGREEMENT

Section 1 The parties agree that this Agreement constitutes the sole and complete agreement between them governing the rates of pay and working conditions of the construction employees working on the Project, that it settles all demands and issues on the matters subject to collective bargaining, and that it shall not be modified or supplemented in any way except by written agreement executed by both parties.

ARTICLE XVIII

SEPARABILITY AND SAVINGS CLAUSE

Section 1 **Intent of Parties** If any article or section of this Agreement shall be held invalid by law or by a tribunal of competent jurisdiction, or if compliance with or enforcement of any article should be restrained pending a final determination as to its validity, the remainder of this Agreement shall not be affected and shall remain in full force and effect. In the event that any article or section is held invalid, the parties hereto shall, upon the request of the Unions, enter into collective bargaining negotiations for the purpose of arriving at a mutually satisfactory replacement for such article during the period of invalidity or restraint. If the parties hereto cannot agree on a mutually satisfactory replacement, either party shall be permitted to submit its demand to formal arbitration.

Section 2 **Force of Agreement** The parties recognize the right of the ALCOSAN to withdraw, at its absolute discretion, the utilization of this Agreement as part of any bid specification should a court of competent jurisdiction issue any order which could result, temporarily or permanently, in delay of the bidding, awarding, and/or construction work on the Project. Notwithstanding such an action by the General Contractor, or such court order, the parties agree that the Agreement shall remain in full force and effect on the Project, to the maximum extent legally possible.

REPRESENTING THE FOLLOWING LOCAL UNIONS

TERM OF AGREEMENT

This Agreement shall take effect on the 11 day of Aug, 2009 and shall remain in full force and effect through

BUILDING AND CONSTRUCTION
TRADES COUNCIL OF PITTSBURGH,
AFL-CIO

By William Brooks
(President William Brooks)

Contractor

Dennis E. Eicker
(Sectary Treasurer Dennis E. Eicker)

Richard Stanizzo
(Business Manager Richard Stanizzo)

REPRESENTING THE FOLLOWING LOCAL UNIONS

Asbestos Workers Local No. 2

Boilermakers Local No. 154

Bricklayers and Allied Craftworkers Local No. 9

Greater Pennsylvania Regional Council of Carpenters

Heavy Construction Carpenters Local No. 2274

Cement Masons Local No. 526

International Brotherhood of Electrical Workers Local No. 5

Elevator Constructors Local No. 6

International Union of Operating Engineers Local No. 66

Construction General Laborers Local No. 373

Floor Coverers and Decorators Local No. 1759

Bridge, Structural, Ornamental, and Reinforcing Iron Workers Local No. 3

Laborers' District Council of Western Pennsylvania

Construction General Labor and Material Handlers Local No. 1058

Millmen's Local No. 1160

Millwright's Local No. 2235

Plasterers' Local No. 31

Plumbers Local No. 27

District Council 57 IUPAT

Pile Drivers Local No. 2235

United Union of Roofers, Water proofers and Allied Workers Local No. 37

Sheet Metal Workers Local No. 12

Sprinkler Fitters Local No. 542

Steamfitters Local No. 449

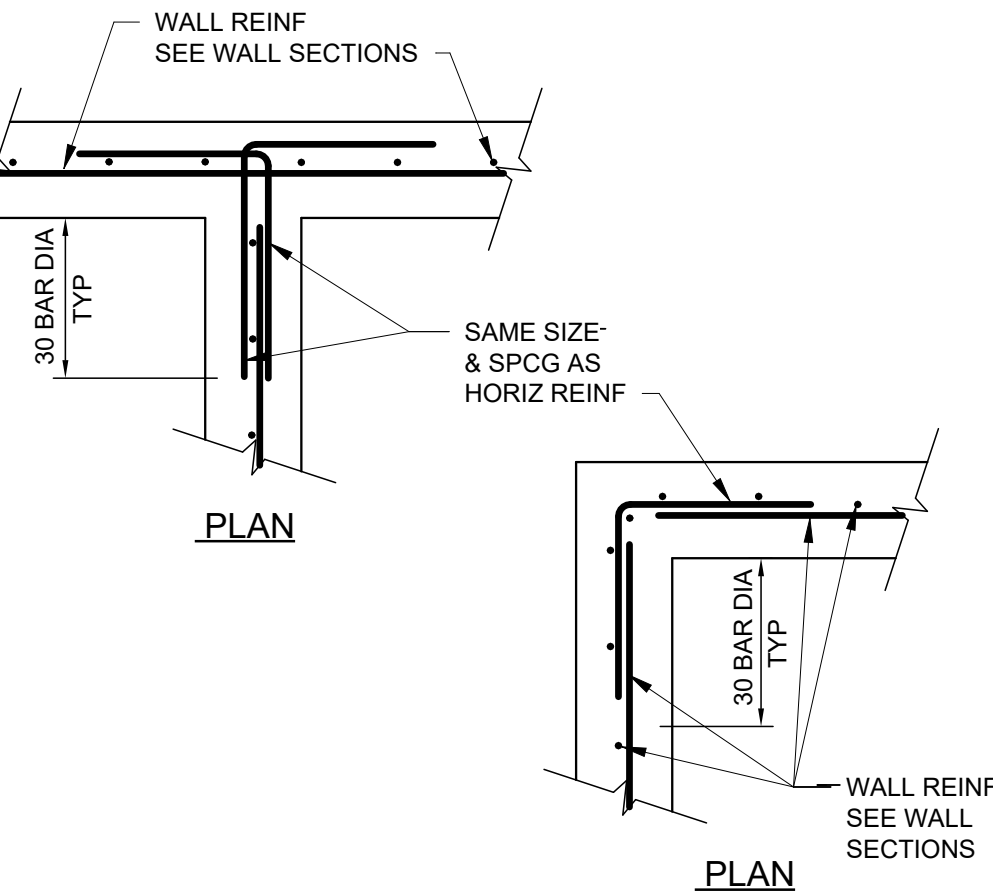
Teamsters Local No. 341

1827 Miscellaneous HVAC Addenda 1 Attachment B

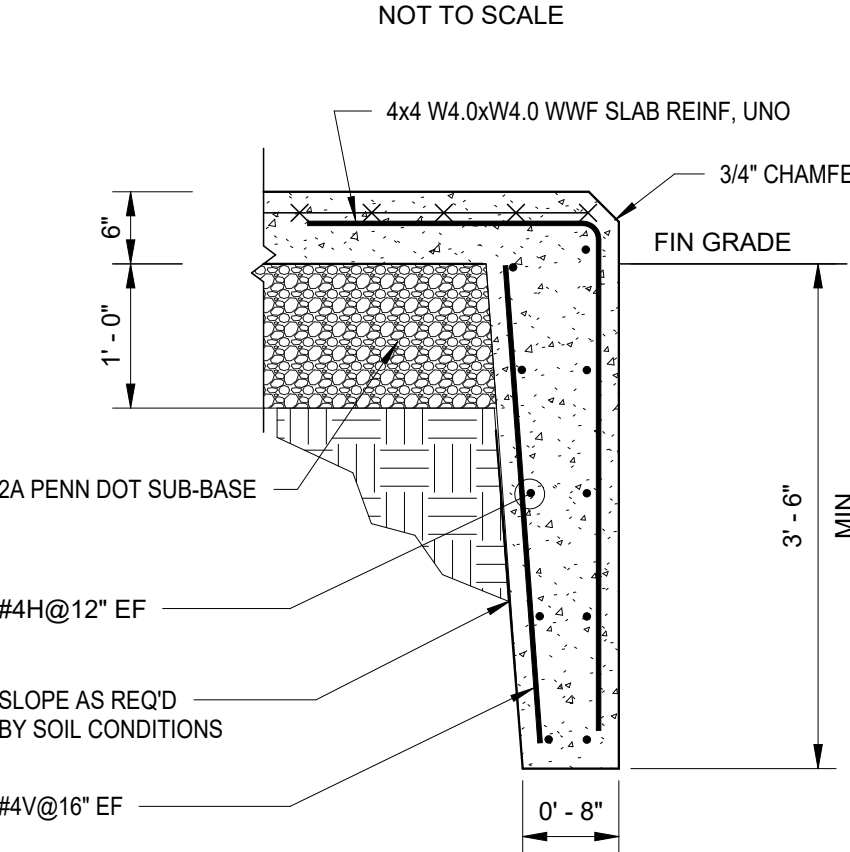
NON-BEARING WALL MASONRY LINTEL SCHEDULE

MASONRY OPENING	LINTEL SIZE PER EVERY 4" OF MASONRY WIDTH	
UP TO 5'-4"	L3 1/2 x 3 1/2 x 5/16	
UP TO 7'-4"	L4 x 3 1/2 x 5/16	
UP TO 8'-4"	L5 x 3 1/2 x 3/8	

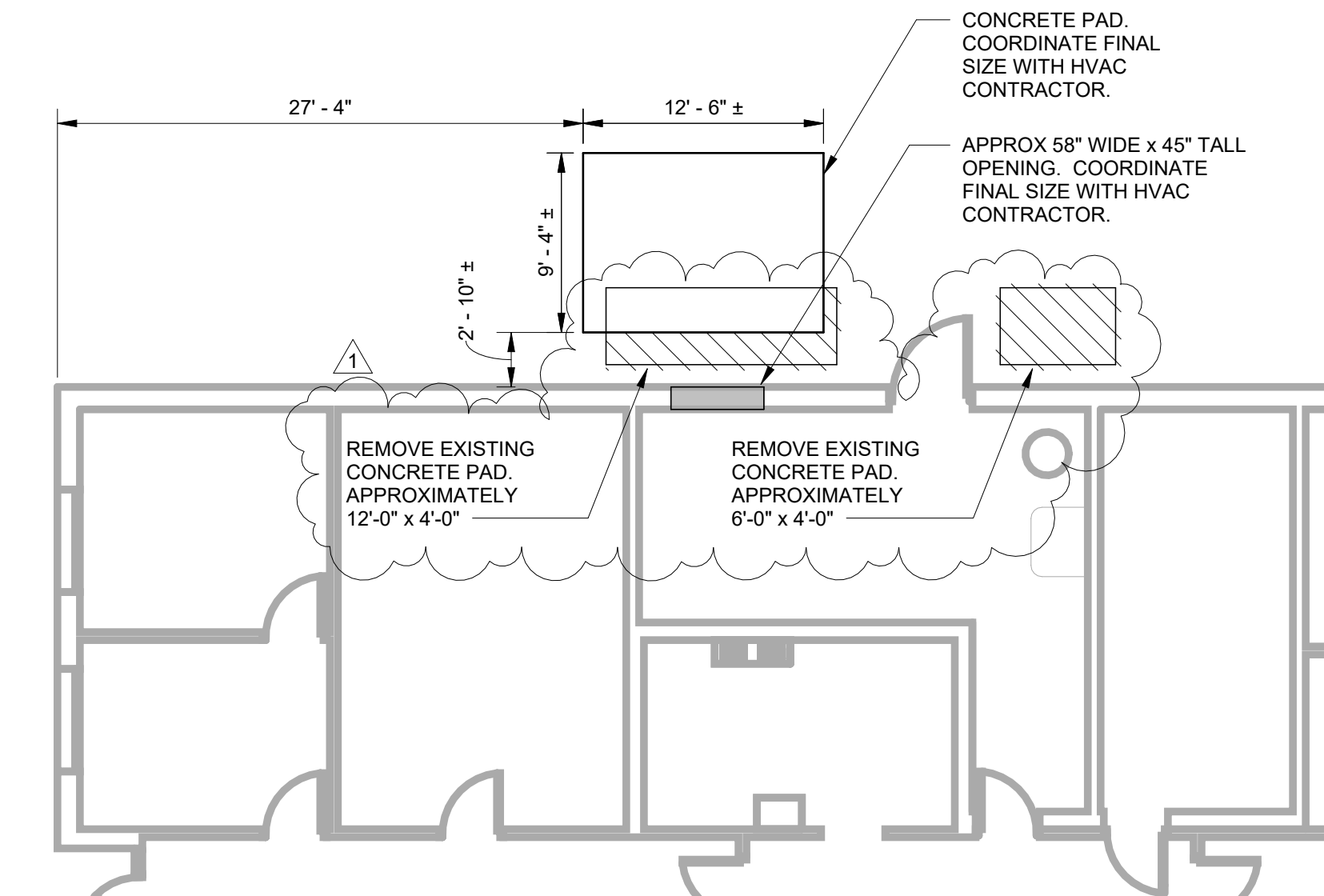
- NOTES:
1. LONG LEG VERTICAL, UNLESS NOTED.
2. 8" MINIMUM BEARING AT EACH END.
3. ALL STEEL MATERIALS IN EXTERIOR WALLS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.
4. COORDINATE LINTEL SIZES WITH OPENING SIZES SHOWN ON ARCHITECTURAL AND MEP DRAWINGS.
-



TYPICAL DETAIL AT CONCRETE WALL INTERSECTIONS

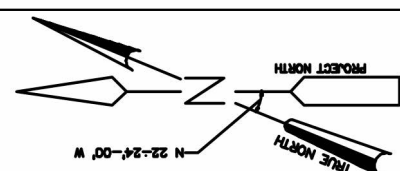


TYPICAL AHU CONCRETE PAD DETAIL



3 PARTIAL FIRST FLOOR PLAN

SCALE: 1/8\"/>



STEEL:

- ALL DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO AISC SPECIFICATIONS FOR "DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITION.
- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:
 - ANGLES, BARS, PLATES - ASTM A572 GRADE 50, MINIMUM YIELD STRENGTH = 50 KSI.
- GALVANIZED STRUCTURAL STEEL SHALL COMPLY WITH ASTM A123 SPECIFICATION FOR HOT-DIP GALVANIZED COATING.
- GALVANIZING REPAIR PAINT SHALL COMPLY WITH ASTM A780

CONCRETE:

- CONCRETE UNLESS NOTED: F'C = 4500 PSI., NORMAL WEIGHT AGGREGATE.
 - CONCRETE FOR EXTERIOR FLAT WORK, WALKS, ETC.: F'C = 4500 PSI, (4.5% TO 7.5% ENTRAINMENT AIR), MAXIMUM WATER/CEMENTITIOUS RATIO = 0.45. LIMIT POZZOLAN CONTENT PER ACI 301, LATEST EDITION, TABLE 4.2.2.9.
- CONCRETE WORK AND TESTING, AS PERFORMED BY "QUALIFIED FIELD TESTING TECHNICIANS" AND "QUALIFIED LABORATORY TECHNICIANS", SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 (LATEST EDITION), "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS BELOW. REPORTS FROM TESTS REQUIRED BY SECTION 1.6 OF ACI 301, LATEST EDITION, SHALL BE SUBMITTED TO STRUCTURAL ENGINEER, ARCHITECT, OWNER, CONTRACTOR, CONCRETE SUPPLIER, AND BUILDING OFFICIAL.
- ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4 INCH CHAMFER, UNLESS NOTED OTHERWISE.
- STAGGER LAP SPLICES PER CRSI ENGINEERING TECHNICAL NOTE ETN-D-2-13.
- REINFORCING STEEL:
 - WELD WIRE FABRIC (WWF) PLAIN SHALL BE SUPPLIED IN SHEETS AND CONFORM TO ASTM A185.
- REINFORCING BARS SHALL BE GRADE 60 DEFORMED BARS CONFORMING TO ASTM A615 OR ASTM A706.
- REINFORCING BARS SHALL BE FREE OF DIRT AND FORM RELEASE AGENTS.
- LAP WELDED WIRE FABRIC MINIMUM 1 FULL SPACE PLUS 2".
- CAST-IN-PLACE CONCRETE SHALL HAVE THE FOLLOWING COVER OVER REINFORCEMENT UNLESS OTHERWISE NOTED.
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
 - CONCRETE EXPOSED TO EARTH AND WEATHER:
 - #6 THRU #18 BARS: 2 INCHES
 - #5 BAR W31 OR D31 WIRE: 1 1/2 INCHES
- MACHINE TROWEL FINISH SLAB AND CURE USING "CURE AND SEAL" TYPE CURING COMPOUND MEETING ASTM C1315, VOC COMPLIANT, 25% MINIMUM SOLIDS CONTENT. FOR APPLICATIONS EXPOSED TO SUNLIGHT USE LIGHT BROOM FINISH AND ACRYLIC BASED CURING COMPOUND.
- FLOOR SLAB-ON-GRADE SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES PER ASTM E-1155 AND ACI 117: F_r(FLATNESS) / F_l(LEVELNESS)
 - OVERALL VALUE (FLATNESS/LEVELNESS): 25/20
 - SPECIFIED MINIMUM LOCAL VALUE (FLATNESS/LEVELNESS): 18/13
- MAXIMUM GAP UNDER 10 FT. UNLEVELLED STRAIGHT EDGE = 1/4".
- BONDING AGENT SHALL COMPLY WITH ASTM C 881, TWO COMPONENT EPOXY RESIN, TYPE IV AND V LOAD BEARING.
- CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1-90 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306R-10 "GUIDE TO COLD WEATHER CONCRETING".
- CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305.1-06 "SPECIFICATION FOR HOT WEATHER CONCRETING" AND ACI 305R-10 "GUIDE TO HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND SPEED SHALL BE ENTERED INTO NOMOGRAPH FIGURE 4.2 IN ACI 305R-10 TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
- CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR EACH TYPE OF CONCRETE TO THE STRUCTURAL ENGINEER FOR APPROVAL IN ACCORDANCE WITH ACI 301, LATEST EDITION, SECTION 4.2.3.4 FIELD TEST DATA OR TRIAL MIXTURES. SUBMITTAL DATA MUST INCLUDE FIELD TEST DATA FROM AT LEAST 10 TESTS OR A THREE POINT CURVE GENERATED USING TRIAL MIXTURES.
- CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE UNLESS EFFECTIVELY COATED TO PREVENT ALUMINUM-CONCRETE REACTION OR ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.
- FIELD QUALITY CONTROL:
 - ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM TESTS AND INSPECTIONS.
 - CONCRETE TESTING: BY QUALIFIED INDEPENDENT TESTING AGENCY.
 - FREQUENCY: ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR FOR EACH CONCRETE MIX EXCEEDING 5 CU. YD. PLUS ONE SET FOR EACH ADDITIONAL 25 CU.YD. OR FRACTION THEREOF.
 - TESTS:
 - SLUMP - ASTM C143, ONE TEST PER COMPOSITE SAMPLE, 4" LIMIT PLUS OR MINUS 1"
 - CONCRETE TEMPERATURE, ASTM C1064 ONE TEST HOURLY WHEN TEMPERATURE IS BELOW 40°F OR ABOVE 80°F, LIMITS HOT WEATHER MAXIMUM DELIVERY TEMPERATURE 90°F, COLD WEATHER DELIVERY MINIMUM DELIVERY 50°F.
 - COMPRESSIVE TEST SPECIMENS - ASTM C31 CAST 2 CYLINDERS EACH FOR LABORATORY CURED AND FIELD CURED FOR EACH COMPOSITE SAMPLE
 - COMPRESSIVE STRENGTH TESTS ASTM C39 ONE SET OF TWO FIELD CURED CYLINDERS AT 7 DAYS AND ONE SET AT 28 DAYS

GENERAL:

- DO NOT SCALE DRAWINGS.
- ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- CONSTRUCTION DOCUMENTS ARE BASED UPON INFORMATION FROM AVAILABLE DESIGN DRAWINGS AND LIMITED FIELD INVESTIGATION. REFERENCES TO EXISTING CONSTRUCTION MAY NOT REFLECT ACTUAL CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, MEMBER SIZES AND EXISTING CONDITIONS. THESE CONDITIONS SHALL BE REFLECTED ON THE SHOP DRAWINGS PRIOR TO SUBMITTING FOR APPROVAL.
- THE STRUCTURAL DRAWINGS ARE NOT INTENDED TO STAND ALONE BUT TO BE WORKED IN CONJUNCTION WITH THE ARCHITECTURAL AND MEP DRAWINGS.
- DETAILS LABELED "TYPICAL DETAILS" OR "TYPICAL" OR "TYP" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF DETAIL. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE REFERENCED AT EACH LOCATION. QUESTIONS OF APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER OF RECORD.
- CONTRACTOR SHALL PROVIDE ALL SHORING AND SUPPORT NECESSARY TO PROTECT THE EXISTING STRUCTURE DURING CONSTRUCTION. ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR.
- CONTRACTOR SHALL REVIEW AND COORDINATE SHOP DRAWINGS WITH EXISTING CONDITIONS AND MEP REQUIREMENTS AND EQUIPMENT. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY CONTRACTOR PRIOR TO SENDING TO ENGINEER OF RECORD FOR REVIEW.

DEMOLITION:

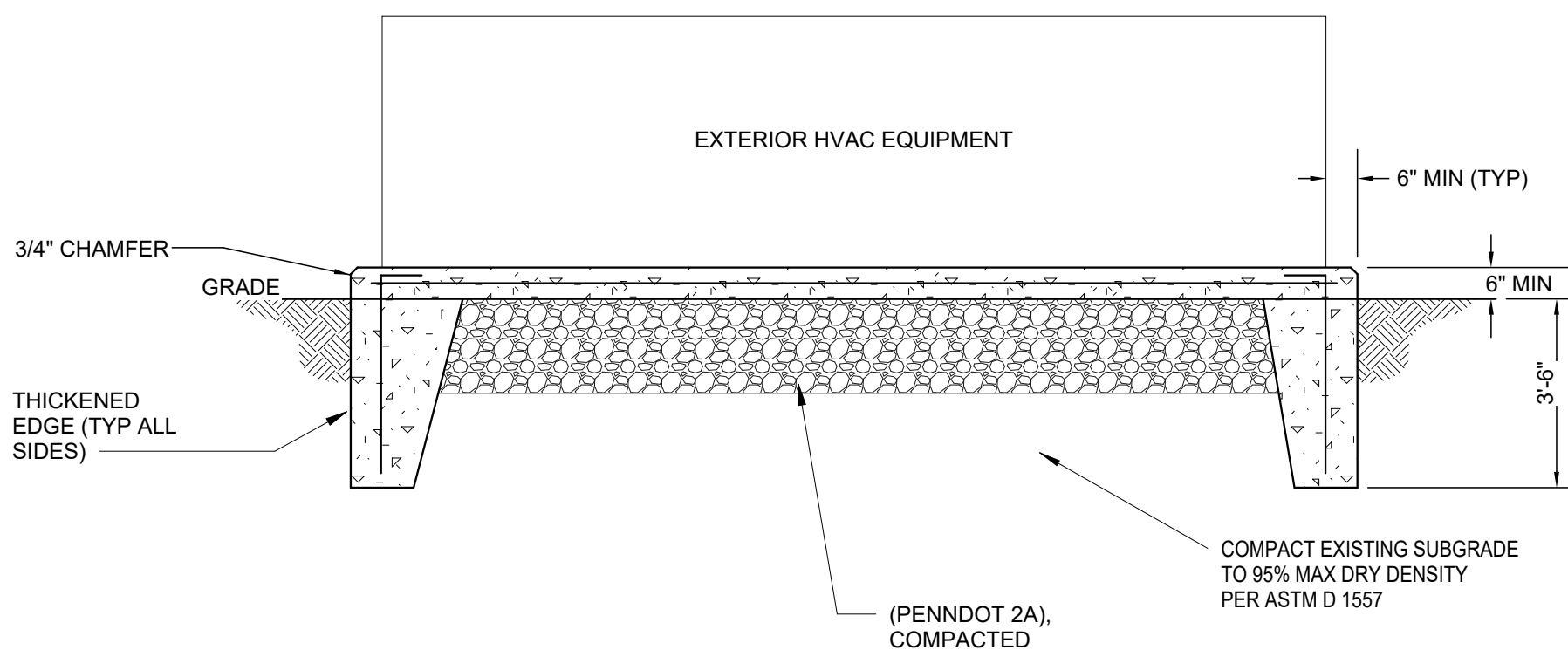
- THE G.C. IS RESPONSIBLE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING DEMOLITION WORK.
- THE G.C. IS RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR ALL DEMOLITION WORK, INCLUDING REMOVAL FROM THE BUILDING.
- ALL WORK IS TO BE PERFORMED SO AS TO NOT INTERFERE WITH WORK IN ADJACENT AREAS.
- WHERE IT BECOMES NECESSARY TO TEMPORARILY DISTURB BUILDING SYSTEMS & ADJACENT SPACES TO PERMIT EXECUTION OF THE DEMOLITION PROCESS. IT SHALL BE THE RESPONSIBILITY OF THE DEMOLITION CONTRACTOR TO CONTACT THE OWNER TO SCHEDULE THE REQUIRED SHUTDOWN(S).

DESIGN CRITERIA:

- BUILDING CODE: 2018 IBC

- NOTES:
ALL EXPOSED FASTENERS, SUPPORTS, ETC. SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.

EXTERIOR PAD FOUNDATION DETAIL



Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
S. Strotman	1	10/22/2025	ADDENDUM 01	
Drawn by:				
CAD				
Checked by:				
S. Strotman				

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SHANNON O. STROTMAN
ENGINEER
PE-074438
9/19/2025

alcosan
allegheny county sanitary authority

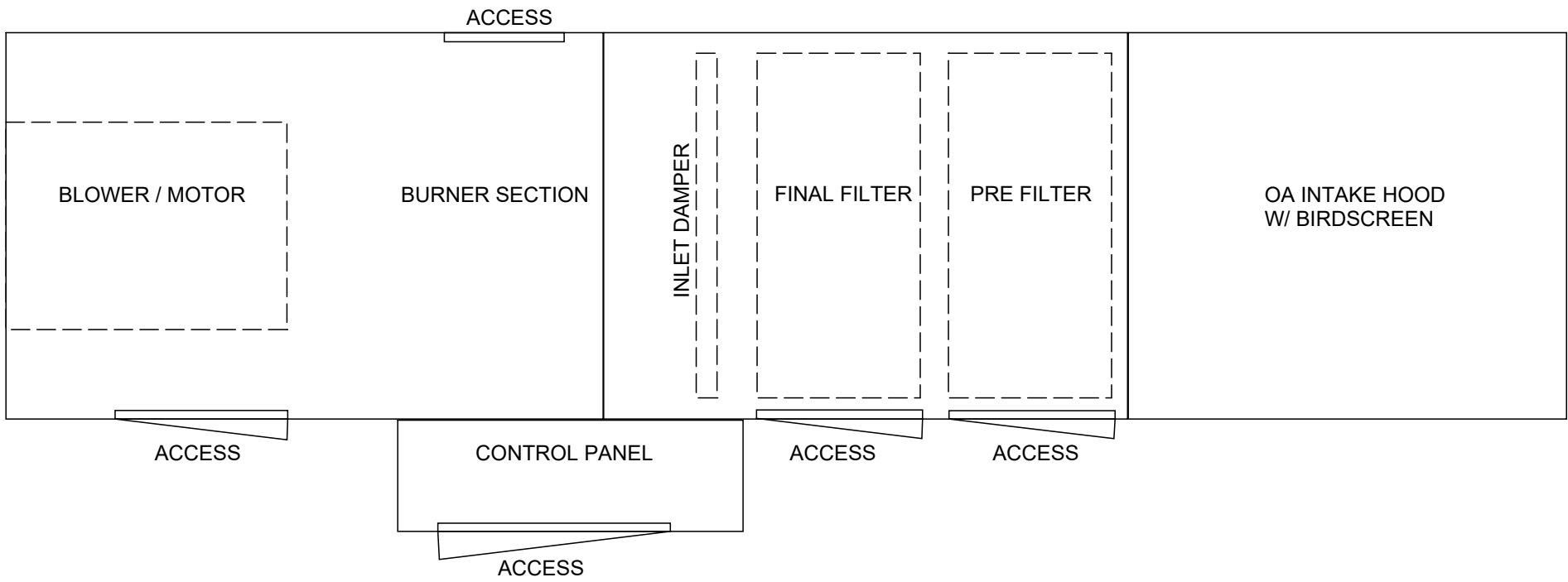
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ALLEGHENY COUNTY SANITARY AUTHORITY
WASTE WATER TREATMENT PLANT
MISC. HVAC IMPROVEMENTS PROJECT - ADMINISTRATION BUILDING
120-S-01
GENERAL NOTES AND TYPICAL DETAILS

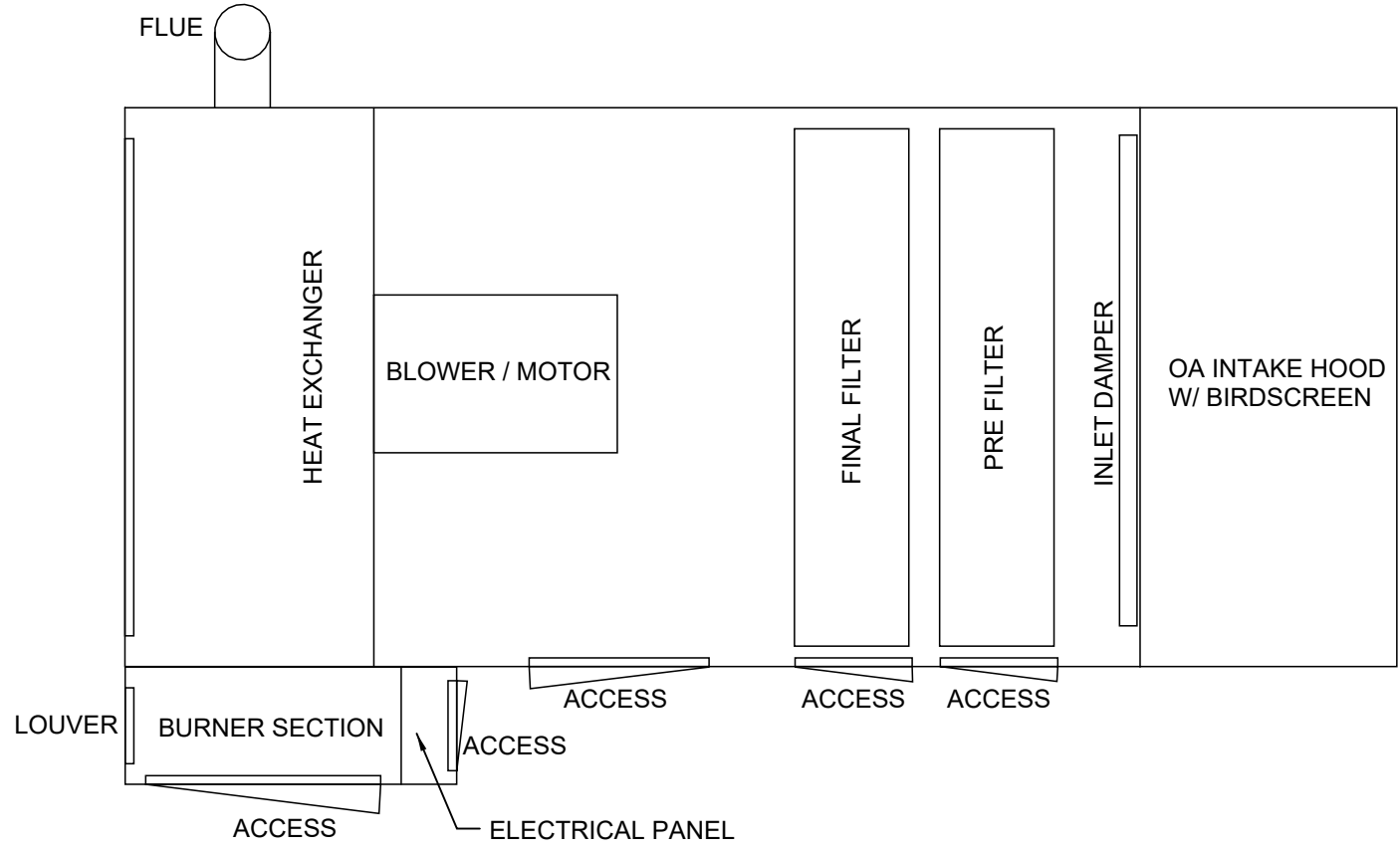
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MAKEUP AIR UNIT SCHEDULE (GAS)																											
SYMBOL	LOCATION	SERVES	TOTAL CFM	% OA	EXT SP	SUPPLY FAN DATA								GAS FURNACE DATA						PRE-FILTER	PRE-FILTER	ELECT CHAR	MCA	MAXIMUM BREAKER	UNIT WEIGHT LBS	REMARKS	
						CFM	WHEEL DIA	DRIVE	TYPE	RPM	BHP	HP	TOT SP	VFD	EAT °F DB	LAT °F DB	MIN CFM	INPUT MBH	TOT OUTPUT MBH	DIRECT FIRE / INDIRECT FIRE	TYPE						TYPE
MUW001-400	ROOF	-	20,400	100	0.70	20,400	25/25	BELT	FC DIDW	674	16.91	20	3.0	NO	0	75	20,400	1805.4	1444	DIRECT FIRE	2" MERV 8 PLEAT	2" CARBON	460 / 3 / 60	31.1	50	4,370	BASIS OF DESIGN: ENGINEERED AIR MODEL: HE221/O/R
MUW002-400	ROOF	-	20,400	100	0.70	20,400	25/25	BELT	FC DIDW	674	16.91	20	3.0	NO	0	75	20,400	1805.4	1444	DIRECT FIRE	2" MERV 8 PLEAT	2" CARBON	460 / 3 / 60	31.1	50	4,370	BASIS OF DESIGN: ENGINEERED AIR MODEL: HE221/O/R
MUW004-400	ROOF	-	11,000	100	0.75	11,000	20/18	BELT	FC DIDW	970	10.95	15	3.9	NO	0	50	11,000	750	600	INDIRECT FIRE	2" MERV 8 PLEAT	2" CARBON	460 / 3 / 60	23.6	40	4,331	BASIS OF DESIGN: ENGINEERED AIR MODEL: DJE100/O/R

- NOTES:
1. UNITS TO BE INSTALLED ON STEEL DUNNAGE. PROVIDE SOLID 22 GAUGE LINER ON BOTTOM OF UNITS.
 2. EXTERIOR OF UNITS SHALL BE EPOXY COATED FOR CORROSION PROTECTION.
 3. UNIT MANUFACTURER TO PROVIDE FUSED DISCONNECT.
 4. UNIT MANUFACTURER TO PROVIDE A REMOTE MOUNTED CONTROL PANEL, SWITCHES AND LIGHTS WITH A NEMA 4X RATING. CONTROL PANEL SHALL HAVE AN ENGRAVED LABEL.
 5. PROVIDE INTERLOCK FOR EXISTING EXHAUST FANS. COORDINATE LOCATION OF EXISTING FANS.
 6. PROVIDE SMOKE DETECTOR FOR SUPPLY DUCT. COORDINATE WITH EXISTING FIRE ALARM SYSTEM.
 7. UNITS SHALL BE HORIZONTAL AIRFLOW.
 8. PROVIDE UNITS WITH OUTSIDE AIR HOOD.
 9. GAS FURNACE BASED ON 14"W.C. PRESSURE.
 10. PROVIDE STAINLESS STEEL DAMPERS AND FILTER FRAMES.
 11. PROVIDE THERMOSTAT. REPLACE INKIND AT EXISTING LOCATION.
 12. REFER TO DIVISION 23 SPECIFICATION AND DIVISION SECTION 01 71 16 FOR MANUFACTURER PROVIDED ON-SITE SERVICES FOR FACILITY START-UP TO BE INCLUDED IN HVAC CONTRACTOR SCOPE OF WORK.
 13. HVAC CONTRACTOR TO PROVIDE ONSITE OFF-LOADING AND TRANSPORT TO FINAL LOCATION.



MUW001-400 AND MUW002-400 DETAIL
NOT TO SCALE



MUW004-400 DETAIL
NOT TO SCALE

UNIT FUNCTION:
UNIT MOUNTED FUSED DISCONNECT SWITCH 'ON', SERVICE SWITCH 'ON'.

SMOKE DETECTOR CONTACT 'CLOSED' FIRE ALARM CONTACTS (BY OTHERS) 'CLOSED' (JUMPER IF NOT REQUIRED).

REMOTE PANEL SUMMER/WINTER/OFF SWITCH IN 'SUMMER' POSTION, THE OUTSIDE AIR DAMPER OPENS TO 100%, SUPPLY BLOWER STARTS AND RUNS CONTINUOUSLY. HEATING IS LOCKED OUT.

REMOTE PANEL SUMMER/WINTER/OFF SWITCH IN 'WINTER' POSITION, THE OUTSIDE AIR DAMPER OPENS, BLOWER WILL DELAY ON AND RUN CONTINUOUSLY. THE CONTROLLER WITH A REMOTE PANEL MOUNTED THERMOSTAT SETPOINT OF 75°F, AND OVERRIDE DISCHARGE SETPOINT OF 120°F (WHEN CALLED BY ROOM THERMOSTAT) WILL MODULATE HEATING.

HEAT MODE
IF THERE IS A CALL FOR HEATING AND THE UNIT IS IN HEATING MODE, THE CONTROLLER MODULE WILL BEGIN MODULATING THE GAS HEATING. THE DISCHARGE AIR TEMPERATURE CONTROL BAND IS FROM 50°F TO 120°F. HEATING IS LOCKED OUT ABOVE 60°F AMBIENT TEMPERATURE.

SUMMER/WINTER/OFF SWITCH IN 'OFF' POSITION, OUTSIDE AIR DAMPER CLOSES, AND BLOWER SHUTS DOWN. UNIT IS OFF.

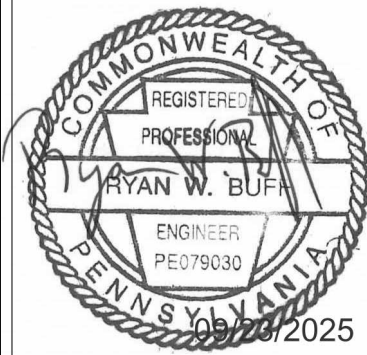
IF THE FIRE ALARM CONTACTS 'OPEN', EQUIPMENT OPERATION IS DISABLED IMMEDIATELY. IF THE DISCHARGE AIR TEMPERATURE FALLS BELOW 40° F (4.4° C), THE CONTROL PANEL WILL SHUT DOWN THE BLOWER, CLOSE DAMPERS AND INDICATE ALARM.

Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
C, Everyly	1	10/22/2025	ADDENDUM 01	
Drawn by:				
C, Everyly				
Checked by:				
R, Buff				



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ALLEGHENY COUNTY SANITARY AUTHORITY
WASTE WATER TREATMENT PLANT
MISC. HVAC IMPROVEMENTS PROJECT - DEWATERING BUILDING

400-HS-01
HVAC SCHEDULES

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