



# Upper Occoquan Service Authority

*Leader in Water Reclamation and Reuse*

14631 COMPTON ROAD, CENTREVILLE, VIRGINIA 20121-2506  
(703) 830-2200

January 30, 2024

**VIA Electronic and FEDERAL EXPRESS**

**ADDENDUM NO. 3  
TO THE CONTRACT DOCUMENTS  
for the construction of the  
Ozone Biofiltration System  
(UOSA Contract OBF)  
Upper Occoquan Service Authority**

**To: All Official Bidding Document Holders**

Attached for your use, please find a copy of Addendum No. 3 for UOSA Contract OBF. The Bid opening date is February 6, 2024 at 2:00 PM.

Sincerely,

A handwritten signature in blue ink that reads "Jeff Small".

Jeff Small  
Chief Engineer,  
Capital Improvements

Attachment: Addendum No. 3



# Upper Occoquan Service Authority

*Leader in Water Reclamation and Reuse*

14631 COMPTON ROAD, CENTREVILLE, VIRGINIA 20121-2506  
(703) 830-2200

**ADDENDUM NO. 3**  
*to the*  
**CONTRACT DOCUMENTS**  
*for the construction of*  
**Ozone Biofiltration System**  
**UOSA Contract OBF**  
**Upper Occoquan Service Authority**  
**Centreville, VA**

**Date: January 30, 2023**

**To All Official Planholders:**

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the Construction of UOSA Contract OBF for the Upper Occoquan Service Authority, Centreville, Virginia, as fully and completely as if the same were fully set forth therein:

**A. Bidding Requirements**

1. **CONTRACT. Attachments. VCWRLF 2016 CONTRACT INSERTS. Attachments #4**  
Replace with the included Attachment #4.

**B. Specifications**

1. On page 10 of Specification Section 400522, Stainless Steel Process Pipe and Tubing for Ozone Service, **ADD** new Paragraph 3.5,B,4 as follows:  
"4. Field welds for ozone piping shall be limited to the extent possible. Any field welds that cannot be avoided, such as for buried ozone gas piping, must be submitted to the Engineer for approval prior to fabrication. After the piping is installed, five per cent of shop welds (minimum of four), as selected by Engineer, and all field welds shall be radiographed by an approved independent non-destructive testing (NDT) company in accordance with ANSI B31.3. If any of the joints are unacceptable, another equal number of joints shall be tested until all joints in the sample are acceptable. The NDT company shall submit a written test report to the Engineer, describing the radiography test procedure and results. The Contractor shall pay all costs for this NDT."

2. On page 9 of Specification Section 400506, Couplings, Adapters, and Specials for Process Piping, **ADD** new Paragraph 2.12 as follows:

**"2.12 RESTRAINED DISMANTLING JOINTS**

**A. Manufacturers:**

1. Romac Industries, Inc.
2. Smith-Blair.
3. Viking Johnson by Crane Building Services & Utility.

**B. Description:**

1. Comply with AWWA C219 Standards for Bolted, Sleeve-Type Coupling for Plain-End Pipe
2. Rating: Working pressure of joining piping or 150 PSI, whichever is greater.

**C. Materials:**

1. Body: Carbon Steel ASTM A53
2. Follower: Carbon Steel A576 or A36
3. Gasket: Buna-N
4. Flange: Per AWWA C207
5. Tie Rods: Alloy Steel ASTM A193 GR B7
6. Stretcher Plate: ASTM A36 Steel Hot Dip Galvanized

**D. Finishes:**

1. Fusion Bonded Epoxy per AWWA C213".

3. On page 4 of Section 400523, Stainless Steel Process Pipe and Tubing, **ADD** new subparagraph 2.1.B.3, as follows:

**"3. System: Ozonated Filter Effluent and Filter Effluent.**

- a) Fluid: pressurized water up to 10 ppm of ozone
- b) Pressure: 0-1 PSIG, 5 PSIG test
- c) Temperature: 32 to 100 deg F
- d) Grade: 316
- e) Cleaned, pickled, and passivated for oxygen service in accordance with the requirements of Section 463150 "Ozone System General".

On page 4 of Section 400523, Stainless Steel Process Pipe and Tubing, **ADD** "c) 60-inches: 0.375-inches" to Paragraph 2.2.A.2.

On page 3 of Section 400515, Process Pipe Schedule, **ADD** two new rows for OFE and FE as follows:

Fluid Abbreviation	Description	Nominal Diameter	Material	Wall Thickness Schedule, Type, Reference	Specification Section	Working Pressure Range (PSIG)	Test Pressure (PSIG, Unless Otherwise Noted), Test Medium	Insulation Required and Specification Reference	Notes and Allowable Leakage (See General Notes 1, 2, 3)
FE	Filter Effluent	60"	Type 316 Stainless Steel	0.375"	400523	0-1	5, Water		Cleaned for oxygen service. No leakage.
OFE	Ozonated Filter Effluent	60"	Type 316 Stainless Steel	0.375"	400523	0-1	5, Water		Cleaned for oxygen service. No leakage.


### C. Drawings

1. **REPLACE** Sheet H-7 with attached revised Sheet H-7.
2. **REPLACE** Sheet M-13 with attached revised Sheet M-13.
3. **REPLACE** Sheet M-15 with attached revised Sheet M-15.
4. **REPLACE** Sheet M-16 with attached revised Sheet M-16.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 in the Bid Form. Bid Forms submitted without acknowledgement of this Addendum shall be considered non-responsive.

Attachments: Drawings; H-7, M-13, M-15, and M-16.

Approved by: Upper Occoquan Service Authority



Robert W. Angelotti

Executive Director

Insert  
**Wage Determination(s)**

"General Decision Number: VA20240197 01/05/2024

Superseded General Decision Number: VA20230197

State: Virginia

Construction Type: Heavy

County: Fairfax County in Virginia.

Including the independent cities of Fairfax\* and Falls Church\*.

HEAVY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none"><li>• Executive Order 14026 generally applies to the contract.</li><li>• The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.</li></ul>
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none"><li>• Executive Order 13658 generally applies to the contract.</li><li>• The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours performing on that contract in 2024.</li></ul>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the

Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number      Publication Date  
0                              01/05/2024

BRDC0001-008 04/30/2023

	Rates	Fringes
MASON - STONE.....	\$ 43.16	20.28

CARP0197-021 05/01/2023

	Rates	Fringes
FORM WORKER.....	\$ 33.21	13.87

ELEC0026-005 06/05/2023

	Rates	Fringes
ELECTRICIAN.....	\$ 53.00	21.35

ENGI0077-007 05/01/2023

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Loader).....	\$ 34.80	11.60

ENGI0147-026 06/01/2022

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Crane).....	\$ 34.16	11.50

IRON0028-001 06/01/2023

	Rates	Fringes
IRONWORKER.....	\$ 30.32	18.86

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LABO0011-001 06/01/2022

	Rates	Fringes
LABORER (Pipelayer).....	\$ 29.86	8.85

-----  
PLAS0891-004 02/01/2023

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 30.00	12.99

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PLUM0602-002 08/01/2023

	Rates	Fringes
PIPEFITTER.....	\$ 50.27	23.32

-----  
SUVA2018-002 01/05/2023

	Rates	Fringes
CARPENTER.....	\$ 22.74	7.82
LABORER: Common or General.....	\$ 18.56	4.54
LABORER: Landscape.....	\$ 23.00	2.32
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 31.00	2.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 21.37	3.83
OPERATOR: Bulldozer.....	\$ 24.42	0.00
TRUCK DRIVER: Dump Truck.....	\$ 16.44 **	2.83

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====  
\*\* Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not



currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198

indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board

U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION"

"General Decision Number: VA20240178 01/12/2024

Superseded General Decision Number: VA20230178

State: Virginia

Construction Type: Building

County: Fairfax County in Virginia.

Includes the independent cities of Fairfax\* and Falls Church\*

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none"><li>. Executive Order 14026 generally applies to the contract.</li><li>. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.</li></ul>
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none"><li>. Executive Order 13658 generally applies to the contract.</li><li>. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.</li></ul>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024

ASBE0024-006 10/01/2023

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR - MECHANICAL (Duct, Pipe & Mechanical System Insulation).....	\$ 40.02	19.67+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

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ASBE0024-009 10/01/2023

	Rates	Fringes
FIRESTOPPER.....	\$ 29.80	9.83+a

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke or other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas

Day provided the employee works the regular work day before and after the paid holiday.

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BOIL0045-003 01/01/2021

	Rates	Fringes
BOILERMAKER.....	\$ 42.62	24.81

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BRDC0001-005 04/30/2023

	Rates	Fringes
TILE FINISHER.....	\$ 27.68	11.63

-----  
BRVA0001-009 04/30/2023

	Rates	Fringes
MASON - STONE.....	\$ 43.16	20.28

-----  
BRVA0001-010 04/30/2023

	Rates	Fringes
TILE SETTER.....	\$ 33.41	12.67

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ELEC0026-003 06/05/2023

	Rates	Fringes
ELECTRICIAN (Includes Low Voltage Wiring and Installation of Alarms and Sound and Communication Systems).....	\$ 53.00	21.35

-----  
IRON0005-010 06/01/2023

	Rates	Fringes
IRONWORKER.....	\$ 36.10	25.19

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PAIN0051-034 06/01/2023

	Rates	Fringes
GLAZIER.....	\$ 30.52	13.85

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PAIN0051-035 06/01/2023

	Rates	Fringes
PAINTER		
Brush, Roller and Spray.....	\$ 27.46	11.56

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PLUM0005-014 08/01/2023

	Rates	Fringes
PLUMBER.....	\$ 49.00	22.21+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

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\* PLUM0602-016 08/01/2023

	Rates	Fringes
PIPEFITTER (Includes HVAC Pipe, Unit and Temperature Controls Installations).....	\$ 50.27	23.32+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

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\* SFVA0669-006 01/01/2024

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 40.46	25.80

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SHEE0100-004 11/01/2021

	Rates	Fringes
SHEET METAL WORKER (Includes HVAC Duct Installation).....	\$ 44.37	21.33+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day



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\* SUVA2013-034 01/11/2016

	Rates	Fringes
BRICK POINTER/CAULKER/CLEANER....	\$ 19.68	0.00
BRICKLAYER.....	\$ 23.67	0.00
CARPENTER, Includes Acoustical Ceiling Installation, Drywall Hanging, and Form Work.....	\$ 23.34	5.04
CEMENT MASON/CONCRETE FINISHER...	\$ 24.69	5.55
DRYWALL FINISHER/TAPER.....	\$ 25.53	7.86
FLOOR LAYER: SOFT FLOORS.....	\$ 18.75	0.00
LABORER: Common or General, including brick mason tending and cement mason tending.....	\$ 15.74 **	3.43
LABORER: Pipelayer.....	\$ 16.81 **	4.26
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 21.81	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 18.95	4.03
OPERATOR: Bulldozer.....	\$ 21.99	4.98
OPERATOR: Crane.....	\$ 32.52	2.64
OPERATOR: Forklift.....	\$ 21.56	7.57
OPERATOR: Loader.....	\$ 22.26	3.57
OPERATOR: Roller.....	\$ 16.25 **	4.88
ROOFER.....	\$ 21.55	7.01
TILE FINISHER.....	\$ 23.40	0.00
TRUCK DRIVER: Dump Truck.....	\$ 19.22	2.58
WATERPROOFER.....	\$ 21.75	1.57

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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\*\* Workers in this classification may be entitled to a higher  
minimum wage under Executive Order 14026 (\$17.20) or 13658  
(\$12.90). Please see the Note at the top of the wage  
determination for more information. Please also note that the  
minimum wage requirements of Executive Order 14026 are not  
currently being enforced as to any contract or subcontract to  
which the states of Texas, Louisiana, or Mississippi, including  
their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
for Federal Contractors applies to all contracts subject to the  
Davis-Bacon Act for which the contract is awarded (and any  
solicitation was issued) on or after January 1, 2017. If this  
contract is covered by the EO, the contractor must provide  
employees with 1 hour of paid sick leave for every 30 hours  
they work, up to 56 hours of paid sick leave each year.  
Employees must be permitted to use paid sick leave for their  
own illness, injury or other health-related needs, including  
preventive care; to assist a family member (or person who is  
like family to the employee) who is ill, injured, or has other  
health-related needs, including preventive care; or for reasons  
resulting from, or to assist a family member (or person who is  
like family to the employee) who is a victim of, domestic  
violence, sexual assault, or stalking. Additional information  
on contractor requirements and worker protections under the EO  
is available at  
<https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within  
the scope of the classifications listed may be added after  
award only as provided in the labor standards contract clauses  
(29CFR 5.5 (a) (1) (iii)).

-----  
The body of each wage determination lists the classification  
and wage rates that have been found to be prevailing for the  
cited type(s) of construction in the area covered by the wage  
determination. The classifications are listed in alphabetical  
order of ""identifiers"" that indicate whether the particular  
rate is a union rate (current union negotiated rate for local),

a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

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Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union

average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

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2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

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U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

© 2021 CDM SMITH ALL RIGHTS RESERVED. REUSE OF DOCUMENTS: THESE DOCUMENTS AND DESIGNS PROVIDED BY PROFESSIONAL SERVICE INCORPORATED HEREIN ARE THE PROPERTY OF CDM SMITH AND ARE NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CDM SMITH.

EXHAUST FAN/GRAVITY HOOD SCHEDULE

ITEM NO.	BUILDING	AREA SERVED	SHEET NO.	CFM	S.P.	TYPE			HP	VOLT/PHASE	FAN RPM	MAX SONE VALUE	MANUFACTURER	MODEL NO	REMARKS	CONTROL
						SET	WHEEL	DRIVE								
LL-EF-1	OZONE GENERATION BUILDING LL	OZONE GENERATION ROOM	H-3	7,000	0.5"	ROOF	CENT.	BELT	3	460 V/3Ø	882	19.5	GREENHECK	CUBE-240-30	1,2,3,4,5,6	OZONE ALARM, THERMOSTAT, OR HOA SWITCH
LL-EF-2	OZONE GENERATION BUILDING LL	OZONE GENERATION ROOM	H-3	6,000	1"	ROOF	CENT.	BELT	3	460 V/3Ø	902	17.7	GREENHECK	CUBE-240-30	1,2,3,4,5,6	CONTINUOUS
LL-EF-3	OZONE GENERATION BUILDING LL	OZONE GENERATION ROOM	H-3	7,000	0.5"	ROOF	CENT.	BELT	3	460 V/3Ø	882	19.5	GREENHECK	CUBE-240-30	1,2,3,4,5,6	OZONE ALARM, THERMOSTAT, OR HOA SWITCH
LL-EF-4	OZONE GENERATION BUILDING LL	ELECTRICAL ROOM	H-3	3,750 (NOMINAL)	0.5"	ROOF	CENT.	DIRECT	1	460 V/3Ø	860	12.9	GREENHECK	CUE-200-C	1,2,3,4,5,6	THERMOSTAT OR HOA SWITCH
M-EF-1	BUILDING M	ELECTRICAL ROOM	H-4	5,250 (NOMINAL)	0.682	WALL	PROP.	DIRECT	1 1/2	460 V/3Ø	1750	20.0	GREENHECK	SE1-20-428-A 15	-	THERMOSTAT OR HOA SWITCH
M-EF-2	BUILDING M	ELECTRICAL ROOM	H-4	5,250 (NOMINAL)	0.682	WALL	PROP.	DIRECT	1 1/2	460 V/3Ø	1750	20.0	GREENHECK	SE1-20-428-A 15	-	THERMOSTAT OR HOA SWITCH
86-EF-1	OZONE CONTACTOR 86	SIDESTREAM INJECTION ROOM	H-5	725 (NOMINAL)	0.5"	ROOF	CENT.	DIRECT	1/4	115 V/1Ø	860	5.9	GREENHECK	CUE-141-C	-	OZONE ALARM, THERMOSTAT, OR HOA SWITCH
86-EF-2	OZONE CONTACTOR 86	ELECTRICAL ROOM	H-5	1675 (NOMINAL)	0.5"	ROOF	CENT.	DIRECT	1/3	115 V/1Ø	860	9.5	GREENHECK	CUE-161-C	-	THERMOSTAT OR HOA SWITCH

NOTES:

- EQUIPMENT SCHEDULE IS INCOMPLETE WITHOUT SPECIFICATION SECTION 233423.
- BASIS OF DESIGN MANUFACTURER IS GREENHECK FAN CO. REFER TO SPECIFICATION FOR OTHER ACCEPTABLE MANUFACTURERS.
- DISCONNECT PROVIDED BY DIVISION 26.
- PROVIDE UNIT WITH TEFC MOTOR.
- PROVIDE UNIT AND ACCESSORIES WITH HI-PRO POLYESTER (OR EQUAL).
- PROVIDE UNIT WITH INSULATED SHEET METAL ROOF CURB, STAINLESS STEEL FAN SHAFT, STAINLESS STEEL FASTENERS, MOTORIZED DAMPER (120V), AND BIRDSCREEN.
- PROVIDE UNIT WITH WALL HOUSING, OSHA RATED MOTOR GUARD, AND MOTORIZED DAMPER (120V).

MAKE-UP AIR UNIT SCHEDULE

ITEM NO.	BUILDING	AREA SERVED	SHEET NO	GAS HEATING DATA		FAN DATA						FILTERS		REMARKS	MANUFACTURER	MODEL	INTERLOCKED EF	ATC PANEL	
				INPUT MBH	OUTPUT MBH	CFM	OSA CFM	ESP	HP	DRIVE	MCA	VOLT/PHASE	TYPE						SIZE NO.
LL-MAU-1	OZONE GENERATION BUILDING LL	OZONE GENERATION ROOM	H-2	500.0	400.0	5,500	5,500	1	7.5	BELT	15.6	460/3Ø	AL MESH	MFR. STD.	SEE NOTE	GREENHECK	IGX-115-H22-N	OB-EF-2	OB-ATC-1

NOTES:

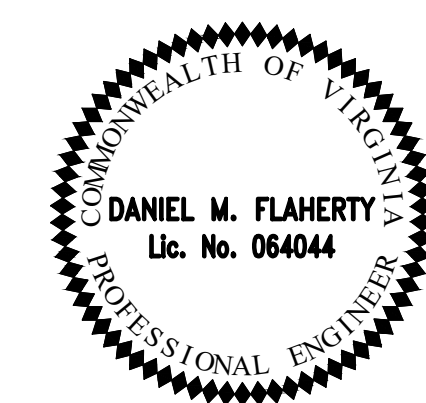
- EQUIPMENT SCHEDULE IS INCOMPLETE WITHOUT SPECIFICATION SECTION 237423.
- BASIS OF DESIGN MANUFACTURER IS GREENHECK. REFER TO SPECIFICATION FOR OTHER ACCEPTABLE MANUFACTURERS.
- DISCONNECT PROVIDED BY DIVISION 26.
- PROVIDE UNIT WITH NON-CONDENSING, INDIRECT-FIRED GAS HEATING SECTION WITH 80% THERMAL EFFICIENCY AND MODULATING GAS VALVE. HEAT EXCHANGER SHALL BE STAINLESS STEEL.
- PROVIDE UNIT WITH INTAKE WEATHERHOOD WITH WASHABLE PREFILTER AND SEPARATE ANGLED FILTER SECTION WITH PLEATED DISPOSABLE FILTERS (MERV 8).
- PROVIDE UNIT AND ACCESSORIES WITH HI-PRO POLYESTER COATING OR EQUAL (ASTM B117 SALT SPRAY RATING OF 2000 HRS MINIMUM)
- PROVIDE UNIT WITH STRAIGHT-SIDED, SHEET METAL ROOF CURB.
- PROVIDE UNIT WITH TEFC MOTOR ENCLOSURE ON SUPPLY FAN MOTOR.
- PROVIDE UNIT WITH CONTROL PANEL. CONFIGURE UNIT FOR DISCHARGE AIR TEMPERATURE CONTROL WITH REMOTE OVERRIDE (ROOM THERMOSTAT). REFER TO CONTROL SEQUENCES FOR ADDITIONAL INFORMATION. PROVIDE UNIT WITH NECESSARY SAFETIES AND CONTROL DEVICES INCLUDING BUT NOT LIMITED TO DISCHARGE AIR TEMPERATURE SENSOR AND ROOM THERMOSTAT (SHIPPED LOOSE).

ELECTRIC UNIT HEATER SCHEDULE

TAG	BUILDING	AREA SERVED	HEATING CAPACITY (KW)	AIR FLOW (CFM)	TEMPERATURE RISE	ELECTRICAL						APPROX. OPERATIONAL WEIGHT (LBS)	MANUFACTURER	MODEL	NOTES
						MOTOR RPM	MOTOR HP	V	PH	HZ	TOTAL AMPS				
86-EUH-1	OZONE CONTACTOR 86	SIDESTREAM INJECTION ROOM	5	700	24	NOT LISTED	0.25	480	3	60	8	56.00	INDEECO	234-U11N-0050U	-
86-EUH-2	OZONE CONTACTOR 86	ELECTRICAL ROOM	3	618	21	1800	0.25	480	3	60	5	45.00	INDEECO	238-UT03U	-
LL-EUH-1	OZONE GENERATION BUILDING LL	ELECTRICAL ROOM	5	618	35	1800	0.25	480	3	60	8	45.00	INDEECO	238-UT05U	-
LL-EUH-2	OZONE GENERATION BUILDING LL	ELECTRICAL ROOM	5	618	35	1800	0.25	480	3	60	8	45.00	INDEECO	238-UT05U	-

NOTES:

- EQUIPMENT SCHEDULE IS INCOMPLETE WITHOUT SPECIFICATION SECTION 238239.19.
- BASIS OF DESIGN MANUFACTURER IS INDEECO. REFER TO SPECIFICATION FOR OTHER ACCEPTABLE MANUFACTURERS.
- PROVIDE UNIT WITH FACTORY INSTALLED DISCONNECT SWITCH.



REV. NO.	DATE	DRWN	CHKD	REMARKS
2	01/24	GL	DF	REVISED PER ADDENDUM NO. 3
1	11/22	GL	DF	REVISED PER PERMIT REVIEW

DESIGNED BY: S. BURDETT  
 DRAWN BY: F. PYSHNOV  
 SHEET CHKD BY: S. TASCARELLA  
 CROSS CHKD BY: B. FLINT  
 APPROVED BY: D. FLAHERTY  
 DATE: NOVEMBER 2022

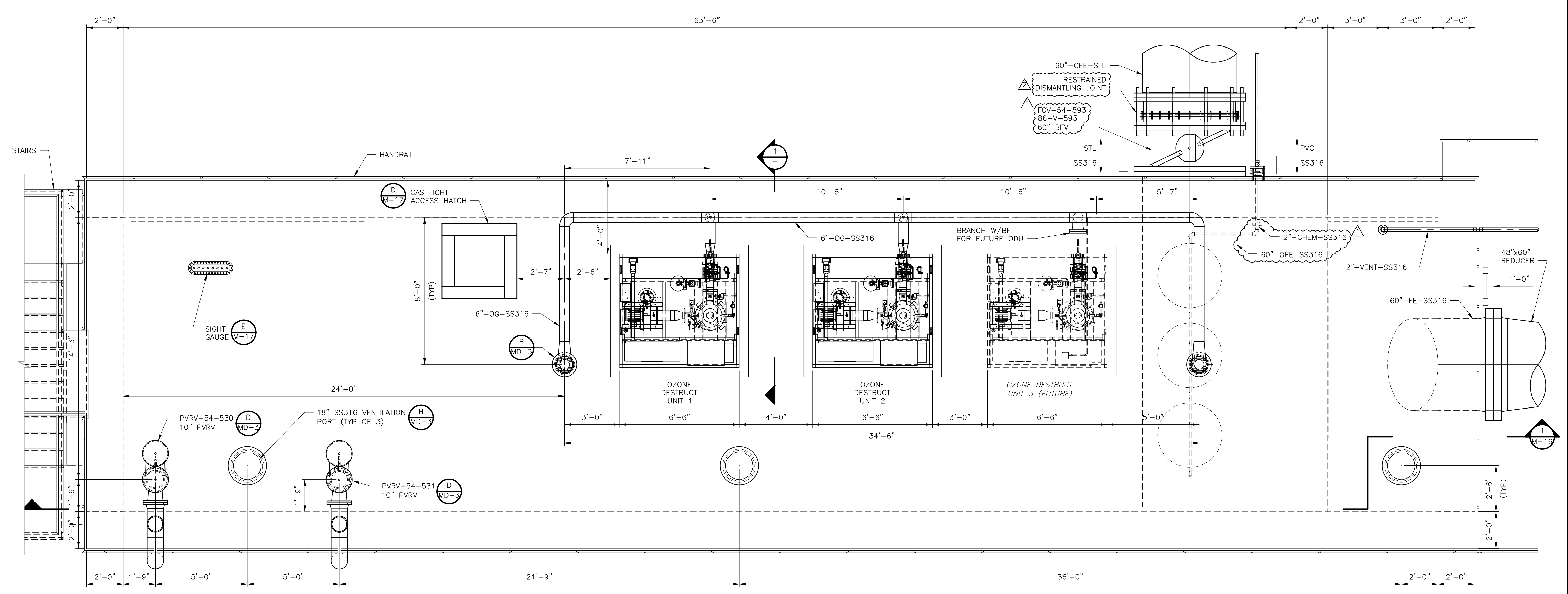
10560 Arrowhead Drive, Suite 500  
 Fairfax, VA 22030  
 Tel: (703) 691-6500

UPPER OCCOQUAN SERVICE AUTHORITY  
 MILLARD H. ROBBINS, JR.  
 WATER RECLAMATION FACILITY  
 OZONE BIOFILTRATION SYSTEM

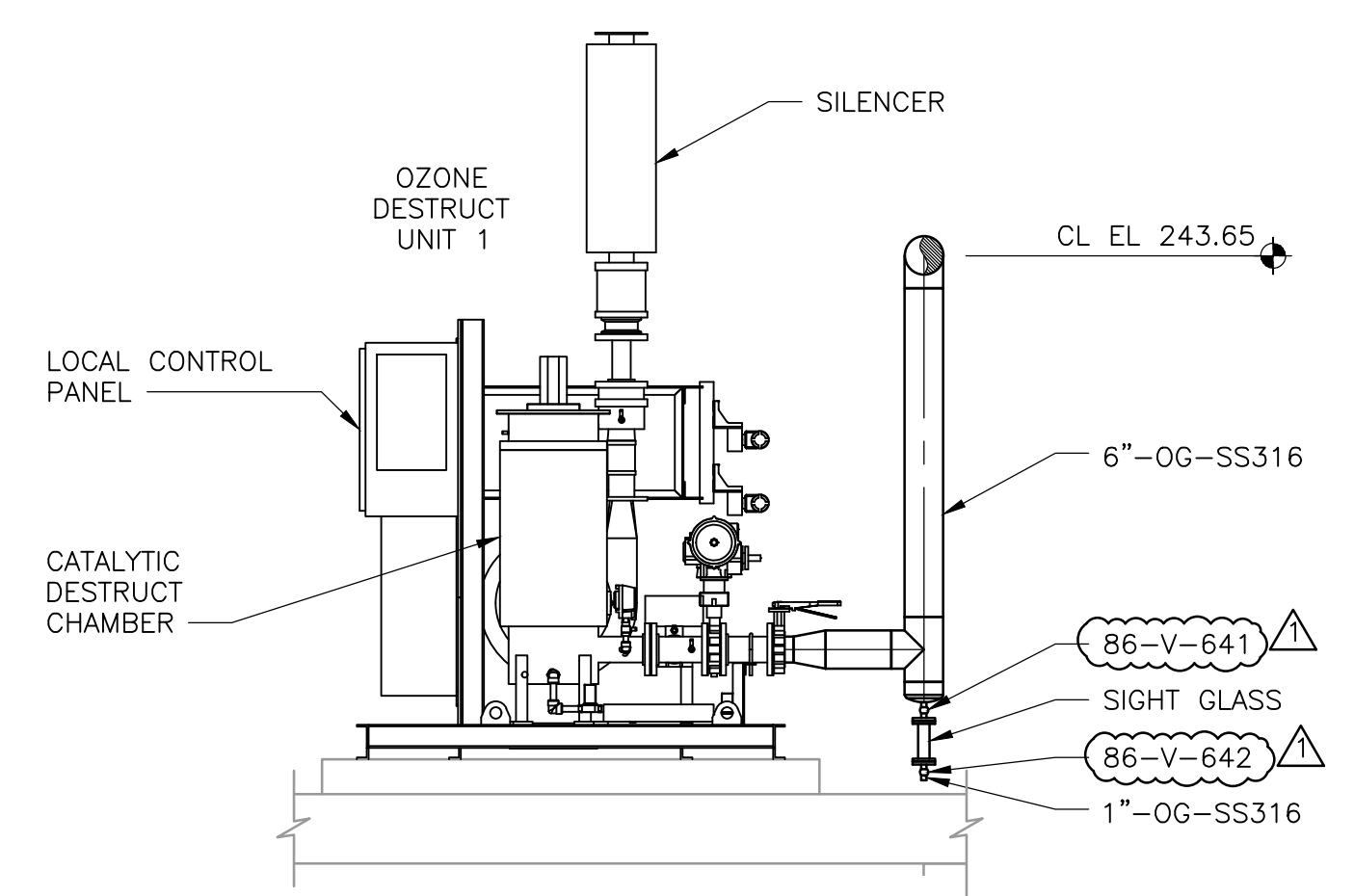
HVAC SCHEDULES  
 H-7

PROJECT NO. 20885-242778
FILE NAME: HWZ000OB.RVT
SHEET NO. H-7

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**ROOF PLAN**  
 3/8" = 1'-0"



**SECTION 1**  
 3/8" = 1'-0"



REV. NO.	DATE	DRWN	CHKD	REMARKS
2	01/24	JJS	BWZ	ADDENDUM 3.
1	12/23	MAR	BWZ	ADDENDUM 2. REVISED CALLOUTS

DESIGNED BY: C. STILLWELL  
 DRAWN BY: M-RUSH  
 SHEET CHK'D BY: C. STILLWELL  
 CROSS CHK'D BY: B. ZUIDERLIJET  
 APPROVED BY: B. FLINT  
 DATE: NOVEMBER 2022

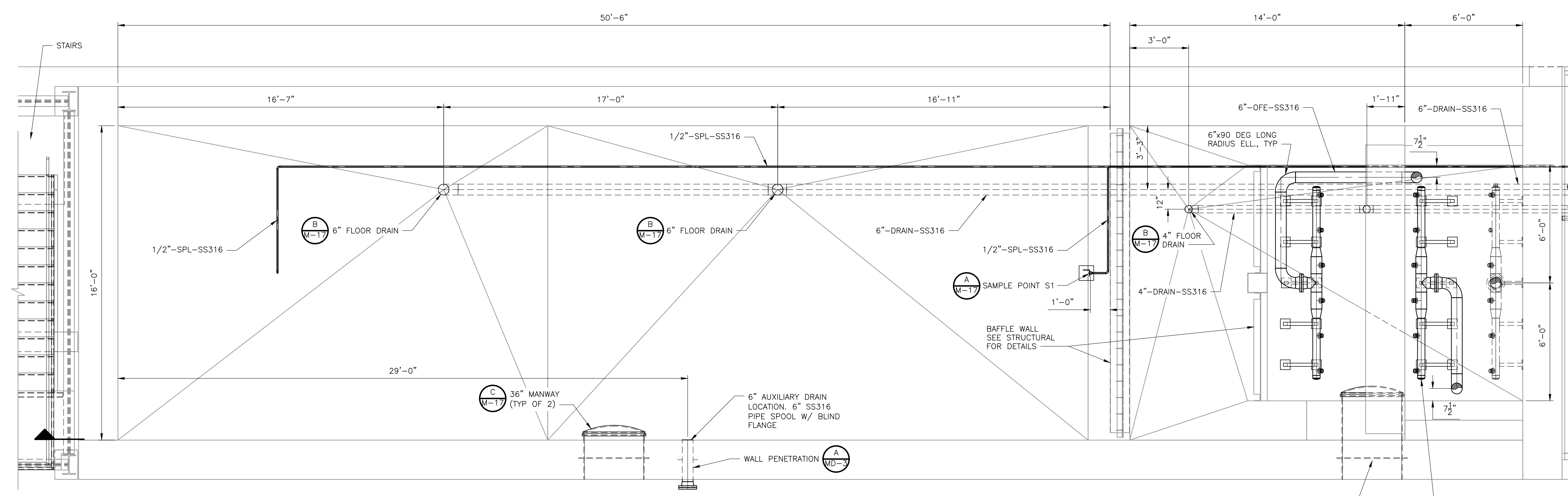
**CDM Smith**  
 10560 Arrowhead Drive, Suite 500  
 Fairfax, VA 22030  
 Tel: (703) 691-6500

UPPER OCCOQUAN SERVICE AUTHORITY  
 MILLARD H. ROBBINS, JR.  
 WATER RECLAMATION PLANT  
 OZONE BIOFILTRATION SYSTEM

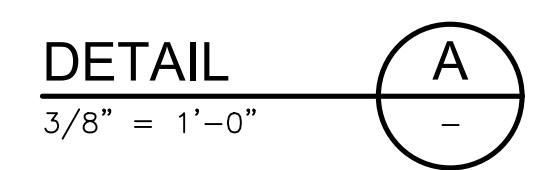
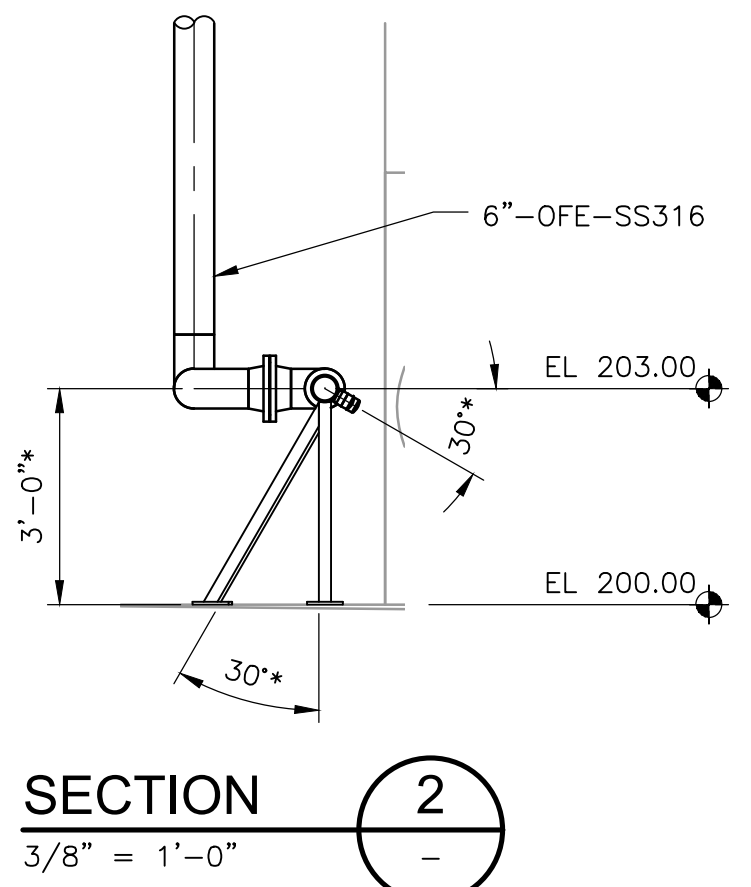
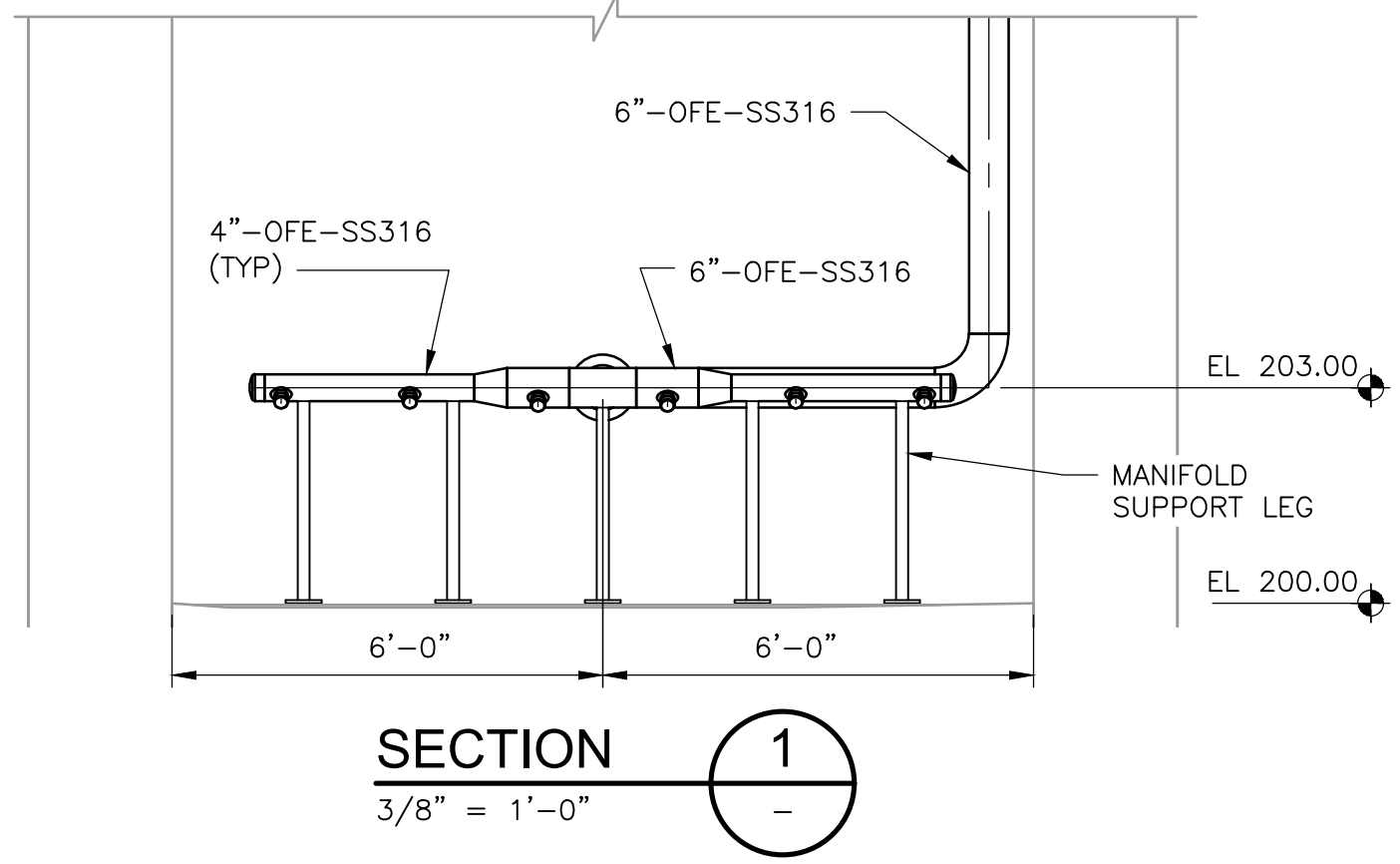
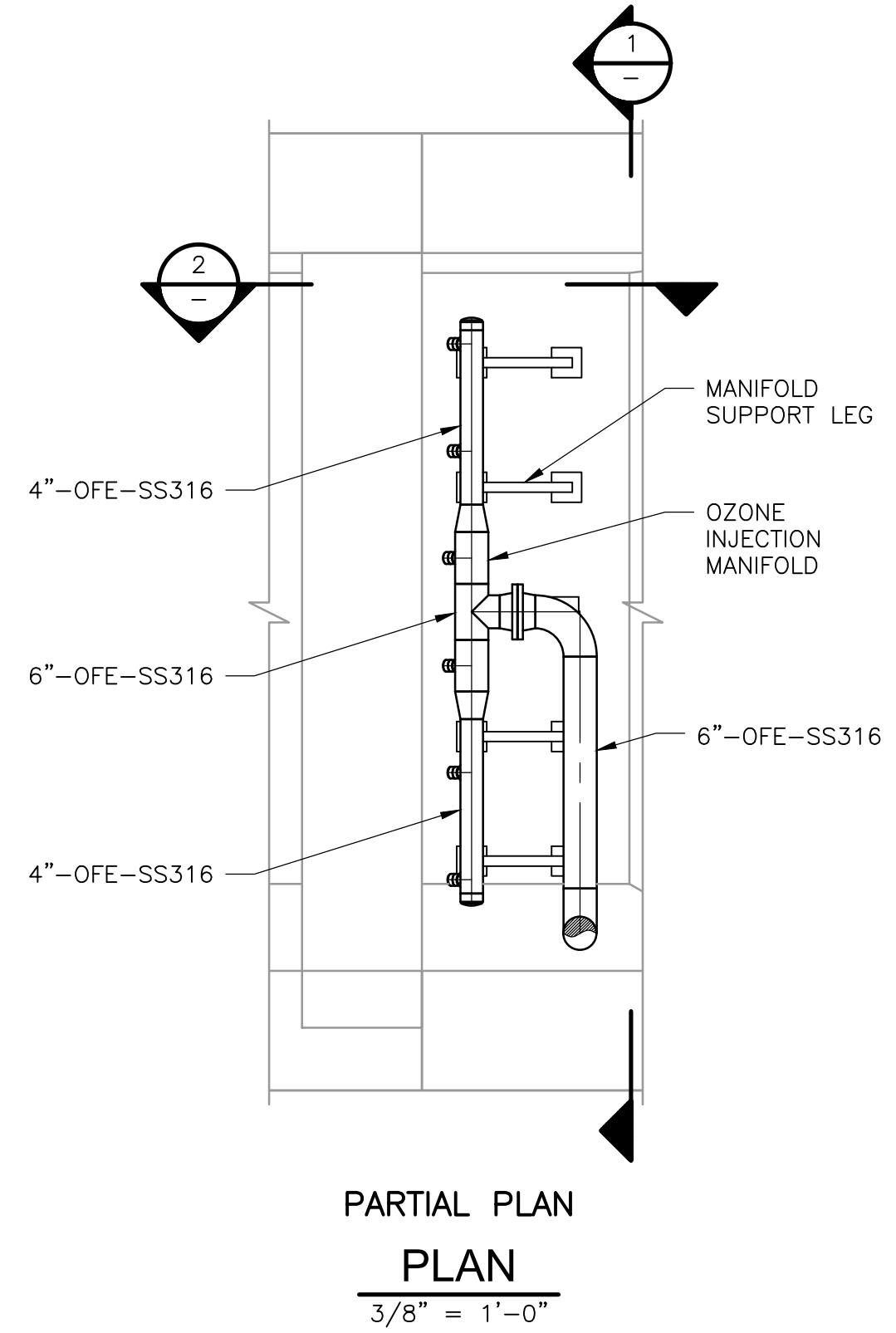
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 SHEET NO. M-13

**OZONE CONTACTOR 86**  
**PLAN AT EL. 245.00**

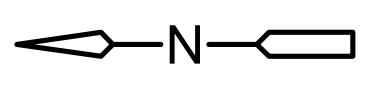
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COORDINATE FINAL MANWAY LOCATION AND ELEVATION WITH NOZZLE MANIFOLDS FINAL LOCATION AND ELEVATION TO ENSURE MANWAY DOOR IS UNOBSTRUCTED. INVERT ELEVATION OF MANWAY NOT TO EXCEED 3- FEET ABOVE CONTACTOR FLOOR



- NOTES:
- \* INDICATES DIMENSIONS TO BE FIELD VERIFIED AND COORDINATED W/ EQUIPMENT SUPPLIERS.
  - OZONE NOZZLE MANIFOLD SHALL BE PROVIDED BY MAZZEI INJECTOR COMPANY. MANIFOLD DETAILS AS SHOWN ARE BASED ON EQUIPMENT SUPPLIER. ALTERNATE ARRANGEMENTS SHALL CONFORM WITH THE STRUCTURAL DESIGN SPECIFICATIONS AND BE INSTALLED AT NO ADDITIONAL COST TO OWNER.



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	01/24	JJS	BWZ	ADDENDUM 3.

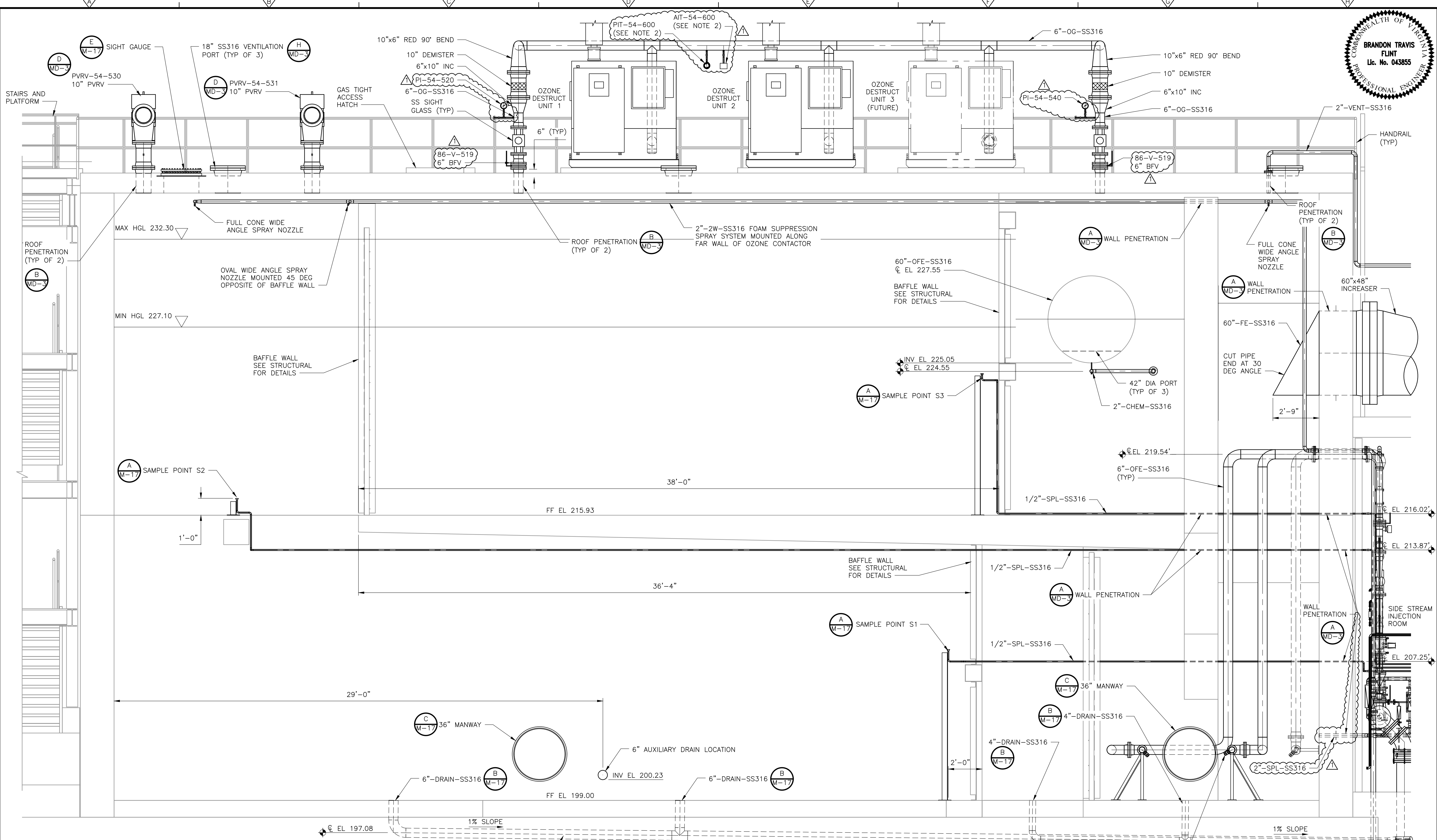
DESIGNED BY: C. STILLWELL  
 DRAWN BY: M. RUSH  
 SHEET CHK'D BY: C. STILLWELL  
 CROSS CHK'D BY: B. ZUIDERVIJLT  
 APPROVED BY: B. FLINT  
 DATE: NOVEMBER 2022



UPPER OCCOQUAN SERVICE AUTHORITY  
 MILLARD H. ROBBINS, JR.  
 WATER RECLAMATION PLANT  
 OZONE BIOFILTRATION SYSTEM

PROJECT NO. 20885-242778  
 FILE NAME: M0150CPL.DWG  
 SHEET NO. M-15  
**OZONE CONTACTOR 86  
 PLAN AT 214.90**





- NOTES:**
1. LOCATION AND DESIGN OF SIDE STREAM NOZZLE MANIFOLDS IS BY THE SIDE STREAM INJECTION SYSTEM SUPPLIER. LOCATION SHOW IS FOR REFERENCE ONLY.
  2. LOCATE INSTRUMENTS <6 FEET ABOVE FINISHED FLOOR.

2. LOCATE INSTRUMENTS <6 FEET ABOVE FINISHED FLOOR.

DRAIN PIPE EMBEDDED WITHIN SLAB

**SECTION 1**  
3/8" = 1'-0" M-13, M-14, M-15

SIDE STREAM INJECTION NOZZLE MANIFOLD (TYP 2, 1 FUT) (SEE NOTE 1)

DRAIN PIPE EMBEDDED WITHIN SLAB

REV. NO.	DATE	DRWN	CHKD	REMARKS
2	01/24	JJS	BWZ	ADDENDUM 3.
1	12/23	MAR	BWZ	ADDENDUM 2. ADD CALLOUTS AND NOTES.

DESIGNED BY:	C. STILLWELL
DRAWN BY:	M. RUSH
SHEET CHK'D BY:	C. STILLWELL
CROSS CHK'D BY:	B. ZUIDERVIJLT
APPROVED BY:	B. FLINT
DATE:	NOVEMBER 2022



UPPER OCCOQUAN SERVICE AUTHORITY  
MILLARD H. ROBBINS, JR.  
WATER RECLAMATION PLANT  
OZONE BIOFILTRATION SYSTEM

**OZONE CONTACTOR 86 SECTION**

PROJECT NO. 20885-242778  
FILE NAME: M0160CSC.DWG  
SHEET NO. M-16

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