

DOCUMENT 009113.01 – ADDENDA 01

1.1 PROJECT INFORMATION

- A. Project Name: Grove Pond Water Treatment Plant (WTP) PFAS Treatment Facilities.
- B. Owner: Town of Ayer, Massachusetts.
- C. Owner Project Number: 19DPW08.
- D. Engineer: CDM Smith Alan G. LeBlanc, P.E., BCEE.
- E. Date of Addendum: May 13, 2019.

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the INSTRUCTIONS to Bidders. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.

1.3 ATTACHMENTS

- A. This Addendum includes the list of plan holders and the sign-in sheet from the Pre-Bid Conference Meeting that took place on Tuesday, May 7, 2019 at the Grove Pond WTP.
- B. This Addendum includes the following attached Documents:
 - 1. Document 1. List of Plan Holders, dated Friday, May 10, 2019, (new).
 - 2. Document 2. Sign-In Sheet from the Pre-Bid Conference Meeting, dated Tuesday, May 7, 2019, (new).
 - 3. Document 3. Sketch SK-E-1, dated Wednesday, May 8, 2019, (new).
 - 4. Document 4. Sketch SK-A-1, dated Friday, May 10, 2019, (new).

1.4 REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS

- A. Specification Section 070150.19 “Preparation for Reroofing,” (not reissued).
 - 1. Article 1.9 - WARRANTY: Delete in its entirety.
- B. Specification Section 084523 “Fiberglass-Sandwich-Panel Assemblies”, (not reissued).

1. Article 2.2 - FIBERGLASS-SANDWICH PANEL ASSEMBLIES, Delete Paragraph A.1.c and replace with the following paragraphs A.1.c-d:
 - “c. Structures Unlimited, Inc.
 - d. Or equal.”
 2. Article 2.3 – FIBERGLASS-SANDWICH PANELS, Paragraph A.1: Delete in its entirety and Replace with the following:
 - “1. Core Insulation: Fiberglass Batt Insulation in density capable of achieving the specified U-value and Solar Heat Gain Coefficient”
- C. Specification Section 220001-1 “Plumbing (Filed Sub-Bid Required),” (not reissued).
1. Article 1.1 – GENERAL PROVISIONS: Delete Paragraphs E.4 and E.5 in their entirety.
- D. Specification Section 260001 “Electrical Work,” (not reissued).
1. Article 1.2 – DESCRIPTION OF WORK: Delete Paragraphs A.28, A.29, A.30, and G in their entirety.
 2. Article 1.3 – ACTION SUBMITTALS: Delete Paragraph A in its entirety.
- E. Specification Section 400519 “Ductile Iron Process Pipe,” (not reissued).
1. Article 1.4 – SUBMITTALS: Delete Paragraph I in its entirety.
- F. Specification Section 406613 “Switches and Routers,” (not reissued).
1. Remove “and Routers” from every footer in the Section.
 2. Remove “and Routers” from the Section Title on the TOC on page 000110-6.
- 1.5 REVISIONS TO DRAWING SHEETS
- A. Sheet No. A-6 – Wall Sections (not reissued).
1. Section 1/A-6: Revise the Detail Mark “A/A-7” at the parapet to “A-1/A-7.” Note: The orientation of the concrete plank and bearing dimension are correct in the revised detail, but not revised on this sheet.
 2. Section 2/A-6: Add the Detail Mark “A-1/A-7 Similar” at the parapet. Note: The orientation of the concrete plank and bearing dimension are correct in the revised detail, but not revised on this sheet.
 3. Section 3/A-6: Add the Detail Mark “A/A-7” at the parapet.
 4. Section 4/A-6: Add the Detail Mark “A/A-7 Similar” at the parapet.
- B. Sheet No. A-7 – Details I (not reissued).

1. Detail A/A-6: Replace detail with the revised parapet detail, included in the attached SK-A-1, "REVISED ROOF PARAPET DETAIL," dated May 10, 2019.
- C. Sheet No. M-2 Treatment building Addition Plan and Sections (not reissued).
1. Section 2, downstream of (above) static mixer, DELETE 10-inch diameter 90-degree bend and INSERT 10-inch diameter tee with top branch of tee fitted with tapped blind flange, isolation valve, and 1-inch air/vacuum valve DeZurik/Apco Model 142DAT with double acting throttling device Air Release Valve No. 50, or equal. Air/vacuum valve discharge shall be plumbed in Schedule 80 PVC piping supported and routed down to floor to within 3-ft of nearest floor drain.
 2. INSERT a general note onto drawing that reads "Note – All CTS and ZOP chemical piping shall be single wall PVC at heights 5-ft above finished floor and lower, and shall transition to double wall piping at heights greater than 5-ft above finished floor. Double wall piping shall be by Asahi/America or equal, with inner (carrier) piping of materials suitable for up to 150 psi operating pressure, and inner and outer piping resistant to degradation from calcium thiosulfate and zinc orthophosphate.
- D. Sheet No. H-2 – HVAC Plan and Sections (not reissued).
1. Replace all "INSTALLED BY OTHERS" notes in the plan view and section views with "INSTALLED BY DIV 23".
- E. Sheet No. E-4 – Electrical One Line Diagram Modifications and Panelboard Schedules (not reissued).
1. Branch Panel: PPC: Replace panelboard schedule with the revised panelboard schedule, included in the attached SK-E-1, "BRANCH PANEL: PPC," dated 05/08/19.

1.6 QUESTIONS AND ANSWERS

- A. **Question:** Who owns the dumpsters for the masonry trade. It is not mentioned in the masonry specifications. Please clarify.
Reply: Article 1.A of each specification section clarifies the general requirements of the Work. The Contractor is responsible for the division of the Work.
- B. **Question:** Masonry Parapet At Top Of Wall- Architectural Drawings show 10" and 12" CMU as shown on Detail A/A7. It shows two courses of 10" and two courses of 12" with one bond beam at the top of wall. Structural Drawing show 8" CMU with 2 bond beams as shown on Detail 1/S2. There are 2 bond beams, with one being cut. Please clarify if it is to be built per the architectural or structural drawings.
Reply: See "REVISIONS TO DRAWING SHEETS."
- C. **Question:** Section 084523 Fiberglass-Sandwich-Panel Assemblies, Article 2.1.A Delegated design is not work by this manufacturer/supplier/installer.
Reply: Article 1.A of each specification section clarifies the general requirements of the Work. All the work of Section 084523 "Fiberglass-Sandwich-Panels Assemblies" is required, whether completed by a single manufacturer or combination of manufacturers, suppliers, installers or other entities.

- D. **Question:** Can you please provide the MCC manufacturer type and AIC rating of the existing system?
Reply: MCC Manufacturer: Square D Model 5 Control Center with an interrupting rating of 65 kAIC.
- E. **Question:** Please confirm we are correct in our understanding that work and materials described in non-electrical specifications or shown on non-electrical drawings, without also being described and listed in the electrical specifications, is for coordination purposes only and shall not be part of the electrical contractor's bid for this project.
Reply: Confirmed.
- F. **Question:** Confirm Article 1.2 Paragraph G in Specification Section 260001
Reply: See "REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS"
- G. **Question:** Will the electrical permit fees be waived?
Reply: No. Refer to Section 260001 Article 1.2 Paragraph F.
- H. **Question:** What is the required A.I.C. rating for the new circuit breaker being installed in MCC section 8A and also for Panelboard PPC?
Reply: See Question and Reply D and "REVISIONS TO DRAWING SHEETS."
- I. **Question:** On Drawing E-6, Note 1 states equipment enclosures in the Treatment Building shall be NEMA 4X FRP. The Branch Panel details on E-4 specify NEMA 12 enclosures. Please confirm the required NEMA ratings for the Panels PPC and LPC, Transformer TRC, the Unit Heater and Water Heater Disconnect Switches and the EF-1 Starter enclosure.
Reply: Note 1 on Sheet E-6 refers to the dashed square on the plans. Equipment within that indicated area will be as noted. The panelboards PPC and LPC, transformer TPC, etc. are outside the indicated area and will be suitable for a "Damp" environment as indicated on Sheet E-6. Section 262416 "Panelboards" paragraph 2.1.F details the enclosure requirements for the panelboards. Section 262213 "Low-Voltage Distribution Transformers" paragraph 2.4.F details the enclosure requirements for the transformer.
- J. **Question:** What is the NEMA rating of the local disconnect switches for DHU-1, RCU-1 and EF-1 on the roof?
Reply: Refer to Drawing E-1 ENCLOSURE AND CONDUIT TYPES Note 2. Enclosure ratings for the local disconnects for DHU-1, RCU-1, and EF-1 shall be suitable for outdoor environments.
- K. **Question:** Please confirm if this project is subject to American Iron and Steel Requirements.
Reply: See "REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS".
- L. **Question:** Can you please provide the name of the vendor and the manufacture of the systems for the Fire Alarm System and the Security systems for the above project.
Reply: Fire-Lite MS-10UD by Honeywell
- M. **Question:** On H-2 (HVAC Drawing 2) the process ductile iron piping is called out to be insulated. The note says Insulated by Div 23 and installed by others. Please confirm the insulation is supplied by HVAC Sub and installed by the GC. Furthermore shouldn't the insulation be shown on the "M" process drawings.
Reply: See REVISIONS TO DRAWING SHEETS. All ductile iron piping insulation shown on H-2 will be supplied and installed by HVAC Sub.

- N. **Question:** Do we have an approximate horsepower rating for Exhaust fan EF-1 for sizing of the combination motor starter to be provided?
Reply: 2 horsepower per FAN SCHEDULE on Drawing H-3.
- O. **Question:** Can you please tell me who the existing roofing mfg. is as their warranty must be maintained??
Reply: This requirement has been deleted, the warranty has expired. See “REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS”.
- P. **Question:** In the Plumbing specs Section 1E Reference Drawings is calling for P-4 and FP-1 but there isn't any drawings with these letters to download on the Ayer website and it isn't calling for them on the cover page of the drawings either.
Reply: See “REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS”. These drawings have been removed from the specification section.

END OF DOCUMENT 009113.01

ADDENDUM 1_DOCUMENT 1

Grove Pond Water Treatment Plant PFAS Treatment Facilities
Submission Details

Serial	SID	Submitted Time	Completed Time	Modified Time	Draft	IP Address	UID	Username	First Name	Last Name	Email	Business Name	Business Phone	Address Line 1	Address Line 2	City	State / Province	Zip Code
1	12543	4/24/2019 4:23	4/24/2019 4:23	4/24/2019 4:23	0	96.10.45.10	0		Bid	Clerk	primevendor123@gmail.com	Prime Vendor	9108059630	4622 Cedar Ave		Wilmington	North Carolina	28403
2	12563	4/24/2019 10:02	4/24/2019 10:02	4/24/2019 10:02	0	71.184.222.56	0		Kristen	Polito	kristen@stanleyroof.com	Stanley Roofing Company, Inc.	9783567958	42 Mitchell Road		Ipswich	Massachusetts	01938
3	12573	4/24/2019 10:29	4/24/2019 10:29	4/24/2019 10:29	0	96.89.235.117	0		Gina	DiCenso	gdcenso@gvwinc.com	GWV, INC	6175676000	1200 Bennington Street, 2nd Floor		East Boston	Massachusetts	02128
4	12583	4/24/2019 10:30	4/24/2019 10:30	4/24/2019 10:30	0	173.13.119.20	0		Jessica	Borrorsh	JBorrorsh@waterlineind.com	Waterline Industries Corporation	603-474-7477	7 London Lane		Seabrook	New Hampshire	03874
5	12593	4/24/2019 11:46	4/24/2019 11:46	4/24/2019 11:46	0	75.147.8.76	0		Cassie	Johnston	hrservices@frea.biz	Fall River Electrical Associates Co., Inc.	5086750523	74 Corneau St		Fall River	Massachusetts	02721
6	12603	4/24/2019 13:01	4/24/2019 13:01	4/24/2019 13:01	0	75.147.8.76	0		Cassie	Johnston	hrservices@frea.biz	Fall River Electrical	508-675-0523	74 Corneau St		Fall River	Massachusetts	02721
7	12613	4/24/2019 14:11	4/24/2019 14:11	4/24/2019 14:11	0	75.69.198.16	0		Jennifer	Tocci	jennifer@barbatoconstruction.com	Barbato Construction Co., Inc.	5089469414	155 East Grove Street		Middleboro	Massachusetts	02346
8	12623	4/24/2019 14:12	4/24/2019 14:12	4/24/2019 14:12	0	75.69.198.16	0		Jennifer	Tocci	jennifer@barbatoconstruction.com	Barbato Construction Co., Inc.	5089469414	155 East Grove Street	P.o. Box 1259	Middleboro	Massachusetts	02346
9	12633	4/24/2019 14:13	4/24/2019 14:13	4/24/2019 14:13	0	173.13.100.21	81	cknox	Cindy	Knox	cknox@ayer.ma.us	Town of Ayer	9787728252	1 Main Street	2nd Floor	Ayer	Massachusetts	01432
10	12643	4/24/2019 14:27	4/24/2019 14:27	4/24/2019 14:27	0	71.233.162.110	0		Jennifer	Mifflin	jmifflin.rac@gmail.com	RAC Builders, Inc.	(413) 786-8401	12 School Street		Agawam	Massachusetts	01001
11	12653	4/24/2019 14:28	4/24/2019 14:28	4/24/2019 14:28	0	71.233.162.110	0		Jennifer	Mifflin	jmifflin.rac@gmail.com	RAC Builders, Inc.	(413) 786-8401	12 School Street	P.O. Box 846	Agawam	Massachusetts	01001
12	12673	4/24/2019 14:40	4/24/2019 14:40	4/24/2019 14:40	0	24.61.110.179	0		Jessica	Borrorsh	JBorrorsh@waterlineind.com	Waterline Industries Corporation	603-474-7477	7 London Lane		Seabrook	New Hampshire	03874
13	12683	4/24/2019 14:41	4/24/2019 14:41	4/24/2019 14:41	0	24.61.110.179	0		Jessica	Borrorsh	JBorrorsh@waterlineind.com	Waterline Industries Corporation	6034747477	7 London Lane		Seabrook	New Hampshire	03874
14	12693	4/24/2019 14:53	4/24/2019 14:53	4/24/2019 14:53	0	68.15.40.57	0		DIANE	Cabral	diane@camhvac.com	CAM HVAC & Construction Inc.	4012327230	116 Lydia Ann Road		Smithfield	Rhode Island	02917
15	12703	4/24/2019 15:15	4/24/2019 15:15	4/24/2019 15:15	0	76.191.33.204	0		Graham	Hines	CMRestimating@wseinc.com	Weston & Sampson CMR	9789770110	55 Walkers Brook Drive	Suite 100	Reading	Massachusetts	01867
16	12723	4/24/2019 15:58	4/24/2019 15:58	4/24/2019 15:58	0	72.17.142.130	0		Tyler	Butel	tbutel@adedgetechnologies.com	AdEdge Water Technologies		2055 Boggs Rd		Duluth	Georgia	30096
17	12743	4/24/2019 17:29	4/24/2019 17:29	4/24/2019 17:29	0	96.10.45.10	0		Kim	Jones	primevendor123@gmail.com	Prime Vendor Inc.	8007469554	4622 Cedar Avenue	N/A	Wilmington	North Carolina	28403
18	12753	4/25/2019 3:03	4/25/2019 3:03	4/25/2019 3:03	0	64.61.73.9	0		Manisha	Bara	projectleads@mail.thebluebook.com	The Blue Book Building and Construction Netw	800-431-2584	800 E Main St		800 E Main St	New York	10535
19	12763	4/25/2019 3:05	4/25/2019 3:05	4/25/2019 3:05	0	64.61.73.9	0		Manisha	Bara	projectleads@mail.thebluebook.com	The Blue Book Building and Construction Netw	800-431-2584	800 E Main St		800 E Main St	New York	10535
20	12773	4/25/2019 4:32	4/25/2019 4:32	4/25/2019 4:32	0	96.10.45.10	0		Bid	Clerk	primevendor123@gmail.com	Prime Vendor	9108059630	Wilmington		Wilmington	North Carolina	28403
21	12803	4/25/2019 8:42	4/25/2019 8:42	4/25/2019 8:42	0	212.54.152.187	0		Celia	Gomes	cbm@costamasonry.com	Costa Brothers Masonry	508-991-7634	2 Lambath Park Drive		Fairhaven	Massachusetts	02719
22	12813	4/25/2019 9:07	4/25/2019 9:07	4/25/2019 9:07	0	24.91.59.95	0		Jo-Ann	O'Brien	jobrien@cenedellamasonry.com	Cenedella Masonry Inc.	5084737836	177 CENTRAL STREET	2ND FLOOR	Milford	Massachusetts	01757
23	12823	4/25/2019 9:08	4/25/2019 9:08	4/25/2019 9:08	0	50.250.57.249	0		Mark	Wetzel	mwetzel@ayer.ma.us	Ayer DPW	978-772-8240	250Brook St		Ayer	Massachusetts	01432
24	12833	4/25/2019 9:28	4/25/2019 9:28	4/25/2019 9:28	0	107.1.94.98	0		Tiffany	DiSanto	planroom@wjgei.com	Wayne J. Griffin Electric, Inc.	5083065215	116 Hopping Brook Road		Holliston	Massachusetts	01746
25	12843	4/25/2019 9:38	4/25/2019 9:38	4/25/2019 9:38	0	50.252.212.65	0		Tricia	McColgan	Tricia@dandcconstruction.com	D&C Construction Co., Inc.	7818718200	649 Broad St		Weymouth	Massachusetts	02189
26	12853	4/25/2019 9:44	4/25/2019 9:44	4/25/2019 9:44	0	75.147.8.76	0		Cassie	Johnston	cassiejohnston@frea.biz	Fall River Electrical	5086750523	74 Corneau St		Fall River	Massachusetts	02721
27	12863	4/25/2019 9:45	4/25/2019 9:45	4/25/2019 9:45	0	76.191.33.204	0		Shari	DeBenedett	cmrestimating@wseinc.com	Weston & Sampson CMR Inc.	978-532-1900	55 Walkers Brook Dr.	Suite 100	Reading	Massachusetts	01867
28	12873	4/25/2019 9:56	4/25/2019 9:56	4/25/2019 9:56	0	73.214.119.132	0		danielle	mcnally	dmcnally@paintbidtracker.com	danielle mcnally	4126971124	2100 wharton st.		pittsburgh	Pennsylvania	15203
29	12883	4/25/2019 9:57	4/25/2019 9:57	4/25/2019 9:57	0	68.15.40.57	0		Diane	Cabral	diane@camhvac.com	CAM HVAC & Construction Inc.	4012327230	116 Lydia Ann Road		Smithfield	Rhode Island	02917
30	12893	4/25/2019 9:59	4/25/2019 9:59	4/25/2019 9:59	0	199.164.151.20	0		Justin	Felisco	Justin.felisco@constructconnect.com	constructconnect	3236025079					
31	12903	4/25/2019 10:06	4/25/2019 10:06	4/25/2019 10:06	0	75.69.198.16	0		Jennifer	Tocci	jennifer@barbatoconstruction.com	Barbato Construction Co., Inc.	5089469414	155 East Grove Street	P.o. Box 1259	Middleboro	Massachusetts	02346
32	12913	4/25/2019 10:07	4/25/2019 10:07	4/25/2019 10:07	0	68.15.40.57	0		Diane	Cabral	diane@camhvac.com	CAM HVAC & Construction Inc.	4012327230	116 Lydia Ann Road		Smithfield	Rhode Island	02917
33	12923	4/25/2019 10:09	4/25/2019 10:09	4/25/2019 10:09	0	68.15.40.57	0		Diane	Cabral	diane@camhvac.com	CAM HVAC & Construction Inc.	4012327230	116 Lydia Ann Road		Smithfield	Rhode Island	02917
34	12933	4/25/2019 10:09	4/25/2019 10:09	4/25/2019 10:09	0	24.60.197.195	0		Liz	Marmanides	lmarmanides@dandiscontracting.com	Dandis Contracting	7818289313	1020 Turnpike Street		Canton	Massachusetts	02021
35	12943	4/25/2019 10:13	4/25/2019 10:13	4/25/2019 10:13	0	24.60.197.195	0		Liz	Marmanides	lmarmanides@dandiscontracting.com	Dandis Contracting	7818289313	1020 Turnpike Street		Canton	Massachusetts	02021
36	12953	4/25/2019 10:15	4/25/2019 10:15	4/25/2019 10:15	0	24.60.197.195	0		Liz	Marmanides	lmarmanides@dandiscontracting.com	Dandis Contracting	7818289313	1020 Turnpike Street		Canton	Massachusetts	02021
37	12973	4/25/2019 10:18	4/25/2019 10:18	4/25/2019 10:18	0	173.9.5.89	0		Jennifer	Wrightson	jennifer@rockwellroofing.com	Rockwell Roofing, Inc.	9785377825	44 Pond Street		Leominster	Massachusetts	01453
38	12983	4/25/2019 10:19	4/25/2019 10:19	4/25/2019 10:19	0	173.9.5.89	0		Jennifer	Wrightson	jennifer@rockwellroofing.com	Rockwell Roofing, Inc.	9785377825	44 Pond Street		Leominster	Massachusetts	01453
39	12993	4/25/2019 10:19	4/25/2019 10:19	4/25/2019 10:19	0	104.171.91.171	0		Barry	Zvibleman	bzvibleman@gmail.com	Onion Enterprises	2392726655	14713 Reserve Lane		Naples	Florida	34109
40	13003	4/25/2019 10:59	4/25/2019 10:59	4/25/2019 10:59	0	71.88.23.218	0		Kathie	Rybicki	krybicki@capewayroofing.com	Capeway Roofing Systems, Inc.	508-674-0800	664 Sanford Rd		Westport	Massachusetts	02790
41	13013	4/25/2019 11:02	4/25/2019 11:02	4/25/2019 11:02	0	71.88.23.218	0		Kathie	Rybicki	krybicki@capewayroofing.com	Capeway Roofing Systems, Inc.	508-674-0800	664 sANFORD rD		wESTPORT	Massachusetts	02790
42	13023	4/25/2019 11:15	4/25/2019 11:15	4/25/2019 11:15	0	71.184.222.56	0		Kristen	Polito	kristen@stanleyroof.com	Stanley Roofing Company, Inc.	9783567958	42 Mitchell Road		Ipswich	Massachusetts	01938
43	13033	4/25/2019 13:31	4/25/2019 13:31	4/25/2019 13:31	0	71.208.239.75	0		JOHN	Falcone	catcav12@outlook.com	Envirobidnet.com an Entram Corp.	888-888-0900	24123 Peachland Blvd. C-4 310		Port Charlotte	Florida	33954
44	13043	4/25/2019 13:42	4/25/2019 13:42	4/25/2019 13:42	0	96.230.58.239	0		Darlene	Gallini	dgallini@heckmanmasonry.com	Heckman Masonry Corp	5083933360	17 THAYER STREET		NORTHBOROUGH	Massachusetts	01532
45	13053	4/25/2019 14:11	4/25/2019 14:11	4/25/2019 14:11	0	24.60.197.195	0		Liz	Marmanides	lmarmanides@dandiscontracting.com	Dandis Contracting	7818289313	1020 Turnpike Street		Canton	Massachusetts	02021
46	13063	4/25/2019 16:29	4/25/2019 16:29	4/25/2019 16:29	0	74.92.10.173	0		Suzanne	Natale	snatale@elmelec.com	Elm Electrical, Inc.	413-568-0905	68 Union Street		Westfield	Massachusetts	01085
47	13073	4/25/2019 16:38	4/25/2019 16:38	4/25/2019 16:38	0	71.11.15.194	0		Scot	Robert	srobert@greenwood-industries.com	Greenwood Industries	508-865-4040	640 Lincoln Street		Worcester	Massachusetts	01605
48	13083	4/25/2019 17:15	4/25/2019 17:15	4/25/2019 17:15	0	71.11.15.194	0		Scot	Robert	srobert@greenwood-industries.com	Greenwood Industries	508-865-4040	640 Lincoln Street		Worcester	Massachusetts	01605
49	13093	4/26/2019 2:12	4/26/2019 2:12	4/26/2019 2:12	0	64.61.73.9	0		Shankha Shubhr	Sarkar	projectleads@mail.thebluebook.com							
50	13103	4/26/2019 5:45	4/26/2019 5:45	4/26/2019 5:45	0	64.61.73.9	0		bikash	saikia	projectleads@mail.thebluebook.com	The Blue Book Building and Construction Netw	800-431-2584	800 E Main St		800 E Main St	New York	10535
51	13113	4/26/2019 8:17	4/26/2019 8:17	4/26/2019 8:17	0	96.86.126.33	0		Marianne	Clowes	mclowes@royalsteamheater.com	Royal Steam Heater Company	978-632-0770	499 Main Street	PO Box 427	Gardner	Massachusetts	01440
52	13143	4/26/2019 10:21	4/26/2019 10:21	4/26/2019 10:21	0	73.234.11.37	0		Aimee	Foley	office@folanwaterproofing.com	Folan Waterproofing & Construction Co., Inc.	5082386550	795 Washington Street		South Easton	Massachusetts	02375
53	13153	4/26/2019 10:22	4/26/2019 10:22	4/26/2019 10:22	0	73.234.11.37	0		Aimee	Foley	office@folanwaterproofing.com	Folan Waterproofing & Construction Co., Inc.	5082386550	795 Washington Street		South Easton	Massachusetts	02375
54	13163	4/26/2019 10:39	4/26/2019 10:39	4/26/2019 10:39	0	50.233.203.154	0		Michelle	Douglass	estimating@methuenconstruction.com	Methuen Construction Company Inc	6033282222	144 Main Street, PO Box 980		Plaistow	New Hampshire	03865
55	13173	4/26/2019 12:06	4/26/2019 12:06	4/26/2019 12:06	0	116.50.163.82	0		Jocelyn	Bangcaya	jocelyn.bangcaya@construction.com	Dodge Data and Analytics	4132036801	300 American Metro Blvd		Hamilton Township	New Jersey	08619
56	13183	4/26/2019 12:26	4/26/2019 12:26	4/26/2019 12:26	0	116.50.163.82	0		Jocelyn	Bangcaya	jocelyn.bangcaya@construction.com	Dodge Data and Analytics	4132036801	300 American Metro Blvd		Hamilton Township	New Jersey	08619
57	13203	4/26/2019 13:21	4/26/2019 13:21	4/26/2019 13:21	0	75.147.8.76	0		Cassie	Johnston	hrservices@frea.biz	Fall River Electrical Associates Co., Inc.	5086750523	74 Corneau Street		Fall River	Massachusetts	02721
58	13213	4/28/2019 14:45	4/28/2019 14:45	4/28/2019 14:45	0	71.11.15.194	0		Scot	Robert	srobert@greenwood-industries.com	Greenwood Industries	508-865-4040	640 Lincoln Street		Worcester	Massachusetts	01605
59	13223	4/29/2019 1:27	4/29/2019 1:27	4/29/2019 1:27	0	66.170.139.161	0		onvia	Miller	sourcemanagement2@onvia.com	Onvia	2063739500	50				

84	13573	5/2/2019 13:49	5/2/2019 13:49	5/2/2019 13:49	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747
85	13593	5/2/2019 14:47	5/2/2019 14:47	5/2/2019 14:47	0	50.241.115.172	0	Melissa	Fiore	mfiore@fraserengineering.com	Fraser Engineering Company	6173323700					02460
86	13603	5/2/2019 15:06	5/2/2019 15:06	5/2/2019 15:06	0	47.14.132.73	0	Domenic	Livoli	dlivoli@charter.net	Livoli Estimating Service	5085290362	24 Juniper Road		Upton	Massachusetts	01568
87	13643	5/3/2019 8:31	5/3/2019 8:31	5/3/2019 8:31	0	112.133.251.70	0	amit	damahe	amitdamahe06@gmail.com	amit	9049317607	ramnagar road	bajar chok ramnagr	gondia	Alabama	44161
88	13673	5/5/2019 8:52	5/5/2019 8:52	5/5/2019 8:52	0	97.95.186.171	0	Jennifer	Wrightson	jennifer@rockwellroofing.com	Rockwell Roofing, Inc.	9785377825	44 Pond Street		Leominster	Massachusetts	01453
89	13683	5/6/2019 9:11	5/6/2019 9:11	5/6/2019 9:11	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747
90	13693	5/6/2019 11:34	5/6/2019 11:34	5/6/2019 11:34	0	70.88.203.225	0	John	Tranghese	john@mldctrust.com	Laborers Unified Trust	5085448255	7 Laborers Way		Hopkinton	Massachusetts	01748
91	13703	5/6/2019 14:25	5/6/2019 14:25	5/6/2019 14:25	0	66.170.139.161	0	Onvia	Onvia	svcagency@onvia.com	Onvia	2063739500	509 Olive Way	509 Olive Way	Seattle	Alabama	98101
92	13713	5/7/2019 11:37	5/7/2019 11:37	5/7/2019 11:37	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747
93	13723	5/7/2019 11:38	5/7/2019 11:38	5/7/2019 11:38	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747
94	13733	5/7/2019 12:22	5/7/2019 12:22	5/7/2019 12:22	0	96.230.149.138	0	maria	Desnoyers	belcour@verizon.net	Belcour Corp	4017624685	99 Front St		Woonsocket	Rhode Island	02895
95	13763	5/8/2019 9:01	5/8/2019 9:01	5/8/2019 9:01	0	24.60.197.195	0	Liz	Marmanides	lmarmanides@dandiscontracting.com	Dandis Contracting	7818289313	1020 Turnpike Street		Canton	Massachusetts	02021
96	13773	5/9/2019 9:17	5/9/2019 9:17	5/9/2019 9:17	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747
97	13783	5/9/2019 11:16	5/9/2019 11:16	5/9/2019 11:16	0	74.92.10.173	0	Suzanne	Natale	snatale@elmelec.com	Elm Electrical, Inc.	4135680905	68 Union Street		Westfield	Massachusetts	01085
98	13793	5/10/2019 10:01	5/10/2019 10:01	5/10/2019 10:01	0	23.25.206.73	0	damian	Rebisz	Drebisz@johnwegan.com							
99	13803	5/10/2019 11:27	5/10/2019 11:27	5/10/2019 11:27	0	24.63.175.2	0	Sandra	Sousa	sandy@marmeloconstruction.com	Marmelo Bros Construction	5089956582	11 Ventura Drive		Dartmouth	Massachusetts	02747

Pre-Bid Meeting Sign In Sheet
Town of Ayer, Massachusetts
Grove Pond Water Treatment Plant - PFAS Treatment Facilities

Date: May 7, 2019 Time: 9:30 am Eastern


Location: 99 Barnham Road, Ayer, MA

	Company	Contact	Phone	Address	Email
1	CDM Smith	A LeBlanc	603.222.8380	670 N Commercial St Suite 208 Manchester NH	LEBLANCAG@CDMSMITH.COM
2	CDM Smith	J. In	603.222.8356	"	IMJ@CDMSMITH.COM
3	Weston & Sampson	Matt Keiser	978 230 3017	225 New Boston St Woburn	keiserm@wseinc.com
4	Weston + Sampson	Graham Hines	978-977-0110	55 Walkers Brook Dr. Suite 100 Reading, MA 01867	hinesg@wseinc.com CMR Bidding@wseinc.com
5	David Waterline Ind.	David Mokos	603-474-7477	7 London Ln Seabrook NH	estimating@waterlineind.com
6	WJGEI	JOJO MAKUWA	3065499 508 429	116 HOPPING BROOK RD HOLLISTON, MA	JMAKUWA@WJGEI.COM
7	David F Sullivan & Assoc	Mike Sullivan	603-474-2484	19 Batchelder Rd. Seabrook NH 03874	mikesullivan@davidfsullivan.com
8	EVQVA WT	DARREN DAWSON	617 699-5761	PO BOX 60872 01116 LONGMEADOW MA	darren.dawson@evqva.com
9	BARBATO CONST	ED BARBATO	508 946 9414	EDBARBATO@ BARBATOCONSTRUCTION.COM	155 E. GROVE ST MIDDLEBORO, MA. 02346
10	LAFLIEUR ELECTRIC	LARRY HARRIS	508 832-9333	63LM ST, AUBURN, MA 01501	lharris@lafleurelectric.com
11	FRASER Engineering	FRANZ PIERRE	774-474-0857 8575	65 Court St, Newbury	Fpierre@fraser-engineering.com
12	Winston Builders	Nicholas Brecken	508-366-1767	55 Hopkinton Rd Westboro, MA	Nick.winston@aol.com
	Mark Wetzel	Ayer DPW	978-772-8240		MWetzel@ayer.ma.us

Branch Panel: PPC

Location: TREATMENT BUILDING
Supply From: MCC SECTION 8A
Mounting: Surface
Enclosure: Type 12

Volts: 480 Delta
Phases: 3
Wires: 3

A.I.C. Rating: 65,000 
Mains Type: MCB
Mains Rating: 150 A
MCB Rating: 150 A

CKT	Circuit Description	Notes	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Notes	Circuit Description	CKT
1	TRC	8	30 A	3	2815 VA			2500 VA			3	20 A	5	EUH-1	2
3	--		--	--		1220 VA			2500 VA		--	--		--	4
5	--		--	--			1074 VA			2500 VA	--	--		--	6
7	EUH-2	5	20 A	3	2500 VA			2500 VA			3	20 A	5	EUH-3	8
9	--		--	--		2500 VA			2500 VA		--	--		--	10
11	--		--	--			2500 VA			2500 VA	--	--		--	12
13	EUH-4	5	20 A	3	2500 VA			2000 VA			3	20 A	5	EWH-1	14
15	--		--	--		2500 VA			2000 VA		--	--		--	16
17	--		--	--			2500 VA			2000 VA	--	--		--	18
19	EWH-2	5	20 A	3	2000 VA			6110 VA			3	30 A	6	DHU-1	20
21	--		--	--		2000 VA			6110 VA		--	--		--	22
23	--		--	--			2000 VA			6110 VA	--	--		--	24
25	RCU-1	7	20 A	3	1663 VA			943 VA			3	20 A	5	EF-1	26
27	--		--	--		1663 VA			943 VA		--	--		--	28
29	--		--	--			1663 VA			943 VA	--	--		--	30
31	ELECTRIC FORKLIFT CHARGING RECEPTACLE	5	20 A	3	2938 VA			943 VA			3	20 A	5	OVERHEAD COILING DOOR	32
33	--		--	--		2938 VA			943 VA		--	--		--	34
35	--		--	--			2938 VA			943 VA	--	--		--	36
37	Spare		20 A	3	0 VA			0 VA			3	20 A		Spare	38
39	--		--	--		0 VA			0 VA		--	--		--	40
41	--		--	--			0 VA			0 VA	--	--		--	42

Total Load: 29.4 kVA 27.8 kVA 27.7 kVA
Total Amps: 106 A 100 A 100 A

Panel Totals	
Total Conn. Load:	84.90 kVA
Total Est. Demand:	85.43 kVA
Total Conn.:	102 A
Total Est. Demand:	103 A

Notes:
 1. PROVIDE LOCKING HARDWARE
 2. 5 ma GROUND FAULT INTERRUPTER (GFI) CIRCUIT BREAKER
 3. 30 ma GFI CIRCUIT BREAKER FOR EQUIPMENT PROTECTION ONLY (HEAT TRACE)
 4. PROVIDE LOCKING HARDWARE & PAINT BREAKER HANDLE RED (FACP)
 5. BRANCH CIRCUIT WIRING: 3/4"C., 3#12 & 1#12(G)
 6. BRANCH CIRCUIT WIRING: 3/4"C., 3#10, 1#10(N) & 1#10(G)
 7. BRANCH CIRCUIT WIRING: 3/4"C., 3#12, 1#12(N) & 1#12(G)
 8. REFER TO ONE LINE DIAGRAM

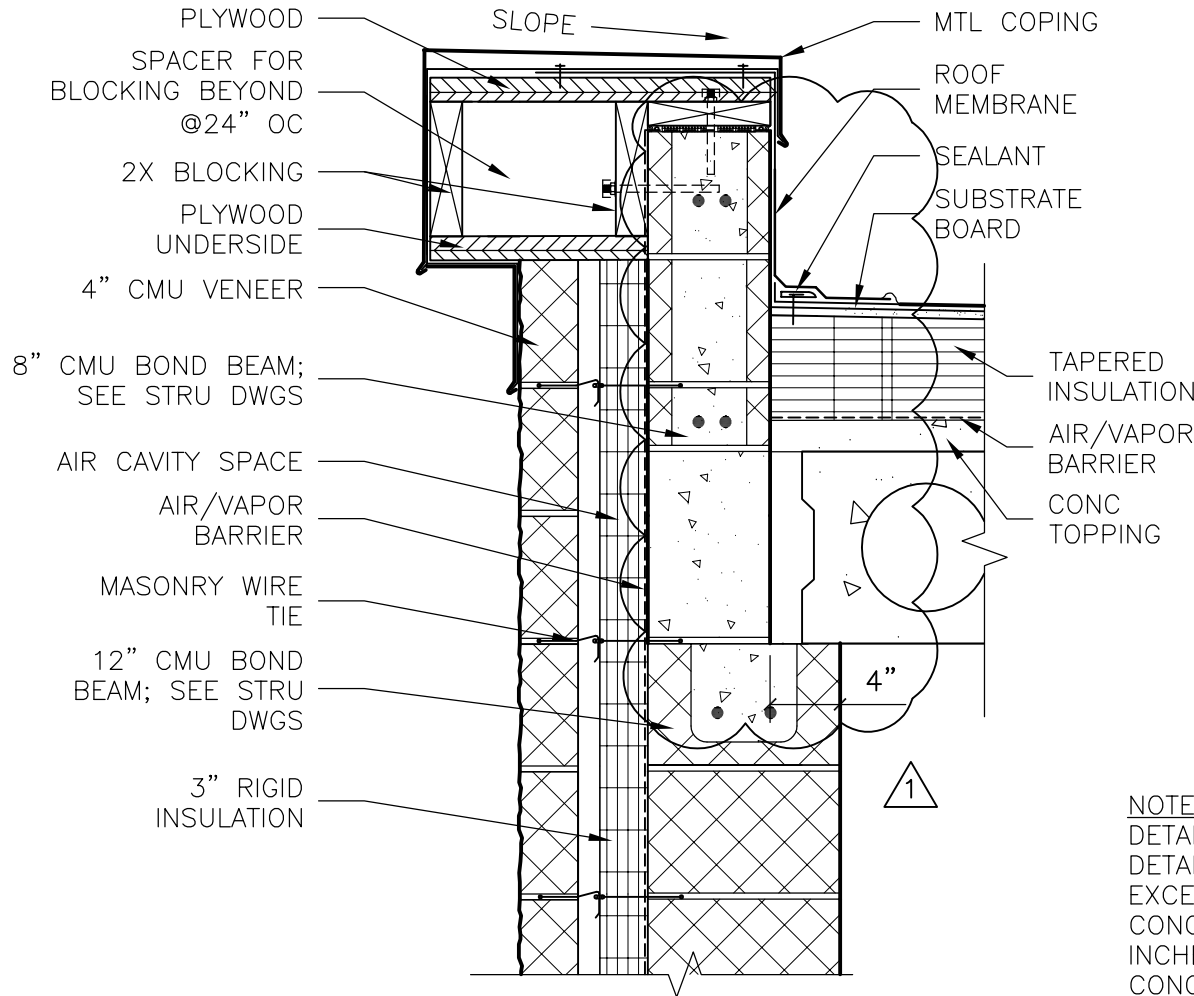


TOWN OF AYER, MA
 GROVE POND WATER TREATMENT PLANT
 PFAS TREATMENT FACILITIES
 CONTRACT NO. 19DPW08

DATE:	05/08/19	ADDENDUM NO.	FIGURE NO.
SHEET NO.	LOCATION		
E-4	G1	1	SK-E-1

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DOCUMENT 4

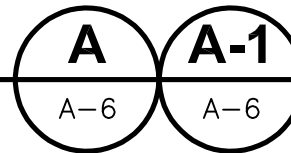


NOTE:
 DETAIL A = AS DRAWN
 DETAIL A1 = SIMILAR
 EXCEPT BEARING FOR
 CONCRETE PLANK IS 4
 INCHES AND IN THE
 CONCRETE PLANK IS IN
 THE LONG PLANE

REVISED ROOF PARAPET

DETAIL

1" = 1'-0"



TOWN OF AYER, MA
 GROVE POND WATER TREATMENT PLANT
 PFAS TREATMENT FACILITIES
 CONTRACT NO. 19DPW08

DATE: MAY 10, 2019		ADDENDUM NO.	FIGURE NO.
SHEET NO.	LOCATION	1	SK-A-1
A-7	A		