

ADDENDUM NO. 1

NORTHERN KENTUCKY WATER DISTRICT
TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

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ADDENDUM NO. 1

NORTHERN KENTUCKY WATER DISTRICT

TAYLOR MILL WATER TREATMENT PLANT ELECTRICAL AND BASIN IMPROVEMENTS

The following addenda items modify, change, delete from, or add to the requirements of the Contract Documents for this project. The articles contained in this Addendum take precedence over the requirements of the previously published Contract Documents. Where any articles of the Project Manual or any detail of the Contract Drawings is modified or any Article, Paragraph, Subparagraph, or Clause thereof is modified or deleted by the articles contained in this Addendum, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

Bid Opening Date and Time Remains February 25, 2014 @ 2:00 p.m., Local Time

GENERAL

1. General Questions from Pre-Bid Conference for prospective Bidders held on February 12, 2014 at 9:00 a.m. at the NKWD Central Facility located at 2835 Crescent Springs Road, Erlanger, Kentucky, are addressed in the Addendum Attachments.
2. Photos for the existing Basin Rake Arms and Basin Tube Settler Supports are provided in the Addendum Attachments.
3. Prevailing Wage Rates and Davis Beacon Wage Rates are provided in the Addendum Attachments.

CHANGES TO BID SUBMITTAL DOCUMENT

1. No changes.

CHANGES TO PROJECT MANUAL VOLUME 1 OF 1

1. SECTION 01 62 00 – PRODUCT OPTIONS

A. Page 2: Paragraph 1.4.A, **ADD** paragraph 1.4.A.8 as follows:

8. CONTRACTOR shall confirm that equipment being proposed as “Or Equal” equipment will be able to be installed as shown on the Contract Drawings. Prior to submitting shop drawings for approval by the ENGINEER, the CONTRACTOR shall submit, in writing, that the proposed “Or Equal” equipment will be able to be installed as shown on the Contract Drawings.

2. SECTION 46 43 73 – TUBE SETTLERS

A. Page 2: In Paragraph 2.1.A.1, **REPLACE** the “Design Basis for the Tube Settler System Performance” characteristics with the following:

Design Basis for the Tube Settler System Performance

	<u>North Basin</u>	<u>South Basin</u>
Max hydraulic flow rate	6 mgd	6 mgd
Loading rate at maximum flow	2.42 gpm/sq. ft.	2.42 gpm/sq. ft.
Minimum surface area	1,725 sq. ft	1,725 sq. ft.

CHANGES TO DRAWINGS

1. SHEET M-01-001
 - A. BASEMENT MODIFICATION PLAN: **REPLACE** "BASEMENT MODIFICATION PLAN" with the attached Figure ADD 1-1.

2. SHEET M-01-001
 - A. 1ST FLOOR PLAN: In Note 3, **DELETE** the sentence that reads "WHEN POSSIBLE, CONTRACTOR SHALL PROVIDE DISMANTLING JOINTS."

3. SHEET A-01-004
 - A. FILTER BUILDING ROOF PLAN AND SECTIONS: In GENERAL NOTE 1, **REPLACE** "GLASS FIBER REINFORCED EMULSION ROOFING SYSTEM" with "PROPOSED ROOFING SYSTEM."

4. SHEET S-02-001
 - A. NOTES: **ADD** the following NOTE:
"3. TO RE-INSTALL WOOD BAFFLE SUPPORTS AND GUIDES, PROVIDE NEW ANCHORAGE AS FOLLOWS:
 - a. Top support column connection: (12)- 3/4" dia SS anchor bolts w/ 8" embedment and (4) – 3/4" dia SS adhesive anchors with 8" embedment.
 - b. Bottom support column connection: (16)-3/4" dia SS adhesive anchors w/ 8" embedment.
 - c. Baffle guide connection: (256)-5/8" dia SS adhesive anchors w/ 6" embedment."

5. SHEET S-02-003
 - A. NOTES: **REPLACE** NOTE 3 with the following: "3. PROVIDE ANCHORAGE FOR TOP COLUMN SUPPORT AS NOTED ON SHEET S-02-001."

6. SHEET S-02-003

LABEL: **REPLACE** the callout label "REPLACE EXIST. BAFFLE COLUMN ANCHORAGE (SEE NOTE 3) (TYP OF 6)" with "REPLACE EXIST. BAFFLE COLUMN ANCHORAGE (SEE NOTE 3) (TYP OF 8)".

7. SHEET S-02-001

LABEL: **REPLACE** the callout label "REMOVE EXISTING BAFFLE COLUMN ANCHORAGE (SEE NOTE 1) (TYP OF 4)" with "REMOVE EXISTING BAFFLE COLUMN ANCHORAGE (TYP OF 8) (SEE NOTES 1, 3, AND ADDENDUM NO. 1 FIGURE ADD1-2)".

8. SHEET S-02-001

LABEL: **REPLACE** the callout label "REMOVE WOOD PLANK BAFFLES (TYP OF 8) (SEE NOTE 1)" with "REMOVE WOOD PLANK BAFFLES (TYP OF 8) (SEE NOTES 1, 3, AND ADDENDUM NO. 1 FIGURE ADD1-2)".

9. SHEET E-01-007

A. **REPLACE** portions of the plan with the attached Figure ADD 1-3.

10. SHEET E-01-007

A. **REPLACE** KEYNOTE 1 with the following:
"New 12" wide, 5" deep, 6" rung spacing aluminum cable tray. Hang below the ceiling as high as possible. Remove and replace ceiling as required to install supports and cabling."

11. SHEET E-01-007

A. **REPLACE** KEYNOTE 2 with the following:
"New 6" wide, 5" deep, 6" rung spacing aluminum cable tray with a barrier in the middle for control and signal cables. Hang below the ceiling, next to the 12" cable tray. Remove and replace ceiling as required to install supports and cabling."

12. SHEET E-01-007

A. **ADD** the following KEYNOTE 17 (See Figure ADD1-3):
New 6" wide, 5" deep, 6" rung spacing aluminum cable tray with a barrier in the middle for control and signal cables. Hang below the 12" cable tray. Field coordinate final location to coordinate with window mechanisms. Remove and replace ceiling as required to install supports and cabling."

13. SHEET E-01-009

A. **ADD** the following sentence to KEYNOTE 13:
"Provide offset as required in ceiling cavity below for routing to cable tray."

NOTICE: THIS ADDENDUM MUST BE ACKNOWLEDGED BY ENTRY OF THE ADDENDUM NUMBER AND THE ASSOCIATED DATE IN THE REQUISITE SPACE OF THE BID FORM OF THE BID SUBMITTAL DOCUMENT. FAILURE OF A BIDDER TO ACKNOWLEDGE THIS ADDENDUM MAY CAUSE THE BID TO BE REJECTED AS INCOMPLETE.

ISSUED: FEBRUARY 14, 2014

++ END OF ADDENDUM NO. 1 ++

GENERAL QUESTIONS

1. What is the floor elevation of the third floor of the Filter Building where electrical work will be performed?

Response: Per Contract Drawing E-01-008, the floor elevation of the third floor of the Filter Building where electrical work will be performed is EL 545.00.

2. What is the ambient temperature of the third floor of the Filter Building where electrical work will be performed?

Response: Ambient temperature has not been identified. This project will provide and install a new split system fan coil unit/air handling unit with air cooled condensing unit. An adequate air temperature will be maintained for the third floor of the Filter Building.

3. Is the CONTRACTOR allowed to work during weekends?

Response: The OWNER has not authorized Work during the weekend hours. The CONTRACTOR may request from the OWNER to work weekends, but such request should be limited. Careful consideration will be given to the neighboring St. Anthony's School and Church during the weekends. During the weekends, St. Anthony's can host church services, funerals, weddings, ect. Any approved weekend work hours would need to be carefully coordinated with the St. Anthony's School and Church by the CONTRACTOR. Per paragraph 6.02.C of the Supplementary Conditions, "No Work shall be done between 6:00 p.m. and 8:00 a.m. without permission of the Owner".

4. Will pump performance curves for the new pumps be provided to prospective bidders during the bid phase in order to size associated electrical equipment?

Response: Pump curves will not be provided during the bid phase. All suppliers must work with prospective bidders to obtain pump performances curves.

5. If a CONTRACTOR has been identified by the OWNER as the Apparent Low Bidder, can the Contractor make time sensitive shop drawing submittals during the OWNERS's 120 day bid acceptance time period?

Response: Yes. However, the CONTRACTOR will need to complete the following form and return to the OWNER:

Form 35, NKWD Early Submittal of Time Sensitive Shop Drawings Letter (Section 01 33 13, Reference Forms).

6. What is the ENGINEER's Cost Estimate for the project?

Response: The Engineer's Opinion of Probable Cost for the Base Bid for the project is \$3,500,000.

7. It will be difficult to remove and replace the (2) 20" influent valves in the basement without installing 20" dismantling joints or flanged coupling adapters. Please advise if it is acceptable to add either of these next to the 20" butterfly valves.

Response: Flanged Coupling Adapters will be installed per attached Figure ADD1-1 of this Addendum.

8. Note 3 on the First Floor Plan on Sheet M01-001 states, "When possible, contractor shall provide dismantling joints." It does not appear there is room in any of these lines, with the exception of pump #1 discharge line. Without dimensions from the pump shop drawings and valve shop drawings, it is unknown whether or not there is room for DMJ's in any of the lines. For bidding purposes, please establish a baseline for what the contractor should include in his bid.

Response: Note 3 shall be revised per addenda, See Item 2 of Changes to Drawings Section of Addendum.

9. Can information on the hypolan baffle that the CONTRACTOR will have to cut a hole in for the suction piping to pump #6 be provided? Does the CONTRACTOR need to include any special provisions as far as trimming out around the opening?

Response: The existing hypolan baffle is a "ENV-3603-12, 36 MIL Black, DuPont Hypalon, Potable Grade Baffle Panel". The CONTRACTOR shall remove as little of the baffle as possible to install the proposed piping to pump 6. The OWNER will repair the baffle after the proposed pipe is installed. CONTRACTOR shall coordinate this repair with the OWNER.

10. Please identify the quantity of repairs that need to be made to the rake arms for bidding purposes. Also, please confirm this repair work is to be included in the base bid only and not part of alternate #4.

Response: See "Rake Arm Notes" No. 1 on sheet M-02-001 and the repair schedule on sheet S-02-008 for the bid quantity for the basin rake arm repairs. See Section 01 23 00, Allowances, paragraph 1.2.D.3.

11. Sheet S-02-001 shows demolishing the skylights and a portion of the tunnel roof slab around the skylights. Is the intent to simply remove the skylights and infill the existing openings or to cut a 7'-6" square section of the slab out around the

skylights and infill this larger area as shown on S-02-003?

Response: To remove the skylights and replace with concrete slab, it is required to overcut the opening, preserve the reinforcement, and lap in new reinforcement. Removing the skylight and filling the opening with doweled in reinforcement will not be permitted.

12. In order to replace the pumps/motors, sections of the back pump room roof will have to be removed. Is there an existing cut sheet of this room we can reference?

Response: See "Proposed Pump No. 6 Section and Miscellaneous Details (Burgess & Niple, 1980) Drawing in Addendum Attachments.

13. Is the CONTRACTOR responsible for cleaning/prepping/painting the existing can for pump #1?

Response: No. The CONTRACTOR is only responsible for work related to the cleaning/prepping/painting of proposed piping.

14. Is the CONTRACTOR responsible for cleaning/prepping/painting the existing suction piping inside the wet wells?

Response: No. The CONTRACTOR is only responsible for work related to the cleaning/prepping/painting of proposed piping.

15. Is the CONTRACTOR responsible for cleaning/prepping/painting the existing discharge piping in either of the pump rooms?

Response: No. The CONTRACTOR is only responsible for work related to the cleaning/prepping/painting of proposed piping.

16. In lieu of preserving existing rebar as indicated, we believe it would be quicker and less expensive to cut out the concrete and rebar in these locations and epoxy dowel in new rebar. Is this acceptable?

Response: Existing reinforcement has minimal edge distance and equivalent strength cannot be obtained with adhesive dowels. Existing reinforcement must be preserved. Removing existing reinforcement and doweled in reinforcement will not be permitted.

17. Can the proposed cable tray get past the concrete beam in the ceiling of the pump room?

Response: See Figure ADD1-3 of this Addendum.

18. On sheet A-01-004, General Note 1, verify the use of glass-fiber reinforced asphalt emulsion roofing system?

Response: See Item 4 under "Changes to Drawings" Section.

19. Since there is no demolition detail provided of the construction area where the wood baffles are being removed, I have assumed the section 3/S-02-003 which seems to show a 12"x12" concrete beam spanning across the tank is what we are removing. Please confirm.

Response: Wood baffle planks span across Flocculation Basin to full height and are supported at the middle of the basins by a steel column. As noted in Addendum Attachment Figure ADD1-2, the steel column is anchored to the concrete tie beam shown in Section 3/S-02-003; this anchorage is noted for removal and re-installation on Sheet S-02-001. As shown in Section 3, reinforcing in the tie beam shall be preserved, concrete shall be removed.

20. There are no existing or new details provided to show the configuration of the wood baffles. Can a detail be provided?

Response: Wood baffle re-installation shall match existing, refer to Addendum Attachment Figure ADD1-2.

21. The note regarding removal of baffles says typical of 8. Does that mean there are 8 baffles per location?

Response: There are a total of eight baffles, four in each Flocculation Basin.

22. Please provide a detail of the baffle column anchorage to be removed.

Response: See Item No. 4 in the "Change to Drawings" Section of this Addendum for anchorage requirements.

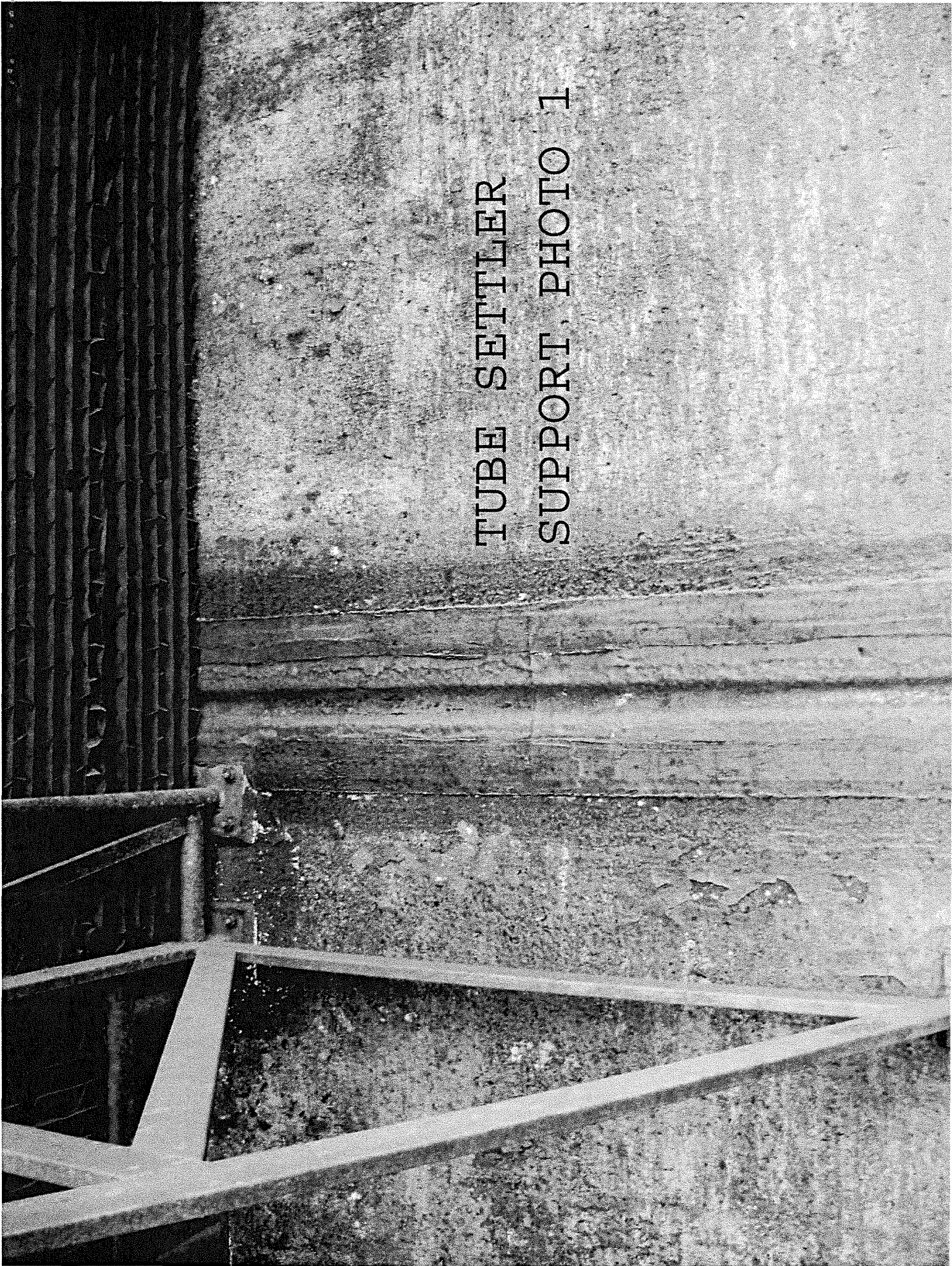
23. Are there 4 column anchorages per each of the 4 locations of the 12x12 beam or does the note (TYP OF 4) mean there is one column anchorage per each of the 4 beam locations.

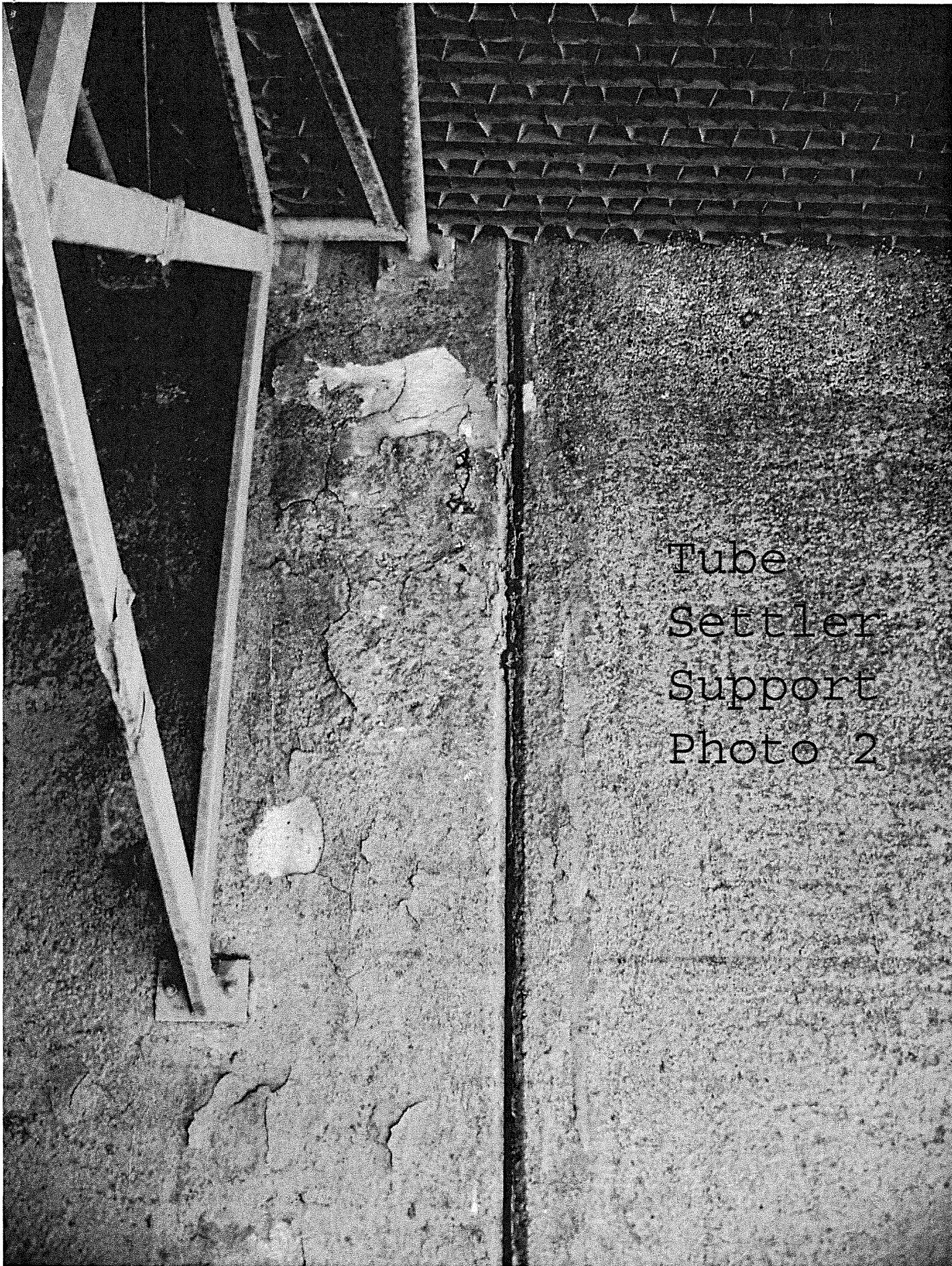
Response: Each of the 8 baffles has a column. See Item No. 4 in the "Change to Drawings" Section of this Addendum for anchorage requirements.

24. Who can prospective bidders contact to verify the total number of Addenda issued?

Response: Prospective bidders can contact Carol Lovett at ARCADIS-US at Phone: (513) 860-8700 to verify the total number of Addenda issued.

TUBE SETTLER
SUPPORT PHOTO 1





Tube
Settler
Support
Photo 2



TUBE
SETTLER
SUPPORT
PHOTO 3



Steven L. Beshear
Governor

KENTUCKY LABOR CABINET
DEPARTMENT OF WORKPLACE STANDARDS
DIVISION OF EMPLOYMENT STANDARDS,
APPRENTICESHIP & MEDIATION
1047 US Hwy 127 S - Suite 4
Frankfort, Kentucky 40601
Phone: (502) 564-3534
Fax (502) 696-1897
www.labor.ky.gov

Larry Roberts
Secretary

Anthony Russell
Commissioner

February 6, 2014

Amy Kramer
N KY Water District
2835 Crescent Springs Rd.
Erlanger KY 41018

Re: N KY Water District, Taylor Mill WTP-Electrical & Basin Imp

Advertising Date as Shown on Notification: January 30, 2014

Dear Amy Kramer:

This office is in receipt of your written notification on the above project as required by KRS 337.510 (1).

I am enclosing a copy of the current prevailing wage determination number CR 4-015, dated November 26, 2013 for KENTON County. This schedule of wages shall be attached to and made a part of the specifications for the work, printed on the bidding blanks, and made a part of the contract for the construction of the public works between the public authority and the successful bidder or bidders.

The determination number assigned to this project is based upon the advertising date contained in your notification. There may be modifications to this wage determination prior to the advertising date indicated. In addition, if the contract is not awarded within 90 days of this advertising date or if the advertising date is modified, a different set of prevailing rates of wages may be applicable. It will be the responsibility of the public authority to contact this office and verify the correct schedule of the prevailing rates of wages for use on the project. Your project number is as follows: 059-H-00586-13-4, Heavy/Highway

Sincerely,

Anthony Russell
Commissioner



KENTUCKY LABOR CABINET
PREVAILING WAGE DETERMINATION
CURRENT REVISION
LOCALITY NO. 15

KENTON COUNTY

Determination No. CR 4-015 2013

PROJECT NO. 059-H-00586-13-4

Date of Determination: November 26, 2013

_____ BLDG ___x___ HH

This schedule of the prevailing rate of wages for Kenton County has been determined in accordance with the provisions of KRS 337.505 to 337.550. This determination shall be referred to as Prevailing Wage Determination No. CR 4-015 2013.

Apprentices shall be permitted to work as such subject to Administrative Regulations 803 KAR 1:010. Copies of these regulations will be furnished upon request to any interested person.

Overtime is to be computed at not less than one and one-half (1 1/2) times the indicated BASE RATE for all hours worked in excess of eight (8) per day, and/or in excess of forty (40) per week. However, KRS 337.540 permits an employee and employer to agree, in writing, that the employee will be compensated at a straight time base rate for hours worked in excess of eight (8) hours in any one calendar day, but not more than ten (10) hours worked in any one calendar day, if such written agreement is prior to the over eight (8) hours in a calendar day actually being worked, or where provided for in a collective bargaining agreement. The fringe benefit rate is to be paid for each hour worked at a straight time rate for all hours worked.

Fringe benefit amounts are applicable for all hours worked except when otherwise noted. Welders will receive rate for craft in which welding is incidental.

NOTE: The type of construction shall be determined by applying the following definitions:

BUILDING CONSTRUCTION

Building construction is the construction of sheltered enclosures with walk-in access for the purpose of housing persons, machinery, equipment, or supplies. It includes all construction of such structures, the installation of utilities and the installation of equipment, both above and below grade level, as well as incidental grading, utilities and paving.

HIGHWAY CONSTRUCTION

Highway construction includes the construction, alteration or repair of roads, streets, highways, runways, taxiways, alleys, trails, paths, parking areas, and other similar projects not incidental to building or heavy construction. It includes all incidental construction in conjunction with the highway construction project.

HEAVY CONSTRUCTION

Heavy projects are those projects that are not properly classified as either "building" or "highway". For example, dredging projects, water and sewer line projects, dams, flood control projects, sewage treatment plants and facilities, and water treatment plants and facilities are considered heavy.



Anthony Russell, Commissioner
Department of Workplace Standards
Kentucky Labor Cabinet

Determination No. CR 4-015 2013
November 26, 2013

ASBESTOS/INSULATION WORKERS:

(Including duct (hot/cold), Pipe Insulator, pipe wrapping):

BASE RATE \$29.05
 FRINGE BENEFITS 13.47

Hazardous Material Handlers: (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging & disposing of all insulation materials, whether they contain asbestos or nor, from mechanical systems):

BASE RATE \$23.60
 FRINGE BENEFITS 9.80

BOILERMAKERS:

BASE RATE \$35.79
 FRINGE BENEFITS 16.71

BRICKLAYERS:

Bricklayers: BUILDING

BASE RATE \$21.86
 FRINGE BENEFITS 4.75

Tile Setters: BUILDING

BASE RATE \$25.54
 FRINGE BENEFITS 9.78

Tile Finishers: BUILDING

BASE RATE \$21.99
 FRINGE BENEFITS 9.78

Bricklayer: HEAVY HIGHWAY

BASE RATE \$26.12
 FRINGE BENEFITS 9.73

CARPENTERS:

Carpenters: (Including drywall hanging):

BUILDING

BASE RATE \$21.47
 FRINGE BENEFITS 10.67

Carpenters & Piledrivermen: HEAVY & HIGHWAY

BASE RATE \$27.05
 FRINGE BENEFITS 9.69

Divers: HEAVY & HIGHWAY

BASE RATE \$40.58
 FRINGE BENEFITS 9.69

CEMENT MASON / CONCRETE FINISHERS:

BUILDING

BASE RATE \$22.00
 FRINGE BENEFITS 11.65

HEAVY & HIGHWAY

BASE RATE \$25.75
 FRINGE BENEFITS 8.60

ELECTRICIANS:

Electricians:

BASE RATE \$26.35
 FRINGE BENEFITS 16.09

ELECTRICIAN/LINE CONSTRUCTION:

Linemen: BUILDING

BASE RATE \$30.50
 FRINGE BENEFITS 11.15

Equipment Operator: BUILDING

BASE RATE \$27.45
 FRINGE BENEFITS 10.51

ELECTRICIAN/LINE CONSTRUCTION: CONTINUED

Groundmen:	BUILDING	BASE RATE	\$19.83
		FRINGE BENEFITS	8.92

SOUND & COMMUNICATION TECHNICIAN:		BASE RATE	\$21.55
		FRINGE BENEFITS	8.46

ELEVATOR MECHANICS:		BASE RATE	\$37.47
		FRINGE BENEFITS	20.035

GLAZIERS:		BASE RATE	\$15.45
		FRINGE BENEFITS	0.00

IRONWORKERS:		BASE RATE	\$25.00
Structural & Ornamental:		FRINGE BENEFITS	18.40

Fence Erector:		BASE RATE	\$22.50
		FRINGE BENEFITS	18.10

REINFORCING:		BASE RATE	\$26.47
		FRINGE BENEFITS	19.30

LABORERS / BUILDING:		BASE RATE	\$22.90
Landscape Laborer and Mason Tender-Brick (Hod):	BUILDING	FRINGE BENEFITS	9.20

Pipelayer and Screw Operator:	BUILDING	BASE RATE	\$23.00
		FRINGE BENEFITS	9.20

Grade Checker:	BUILDING	BASE RATE	\$22.90
		FRINGE BENEFITS	9.20

LABORER	COMMON OR GENERAL	BASE RATE	\$17.17
		FRINGE BENEFITS	4.58

LABORER	MASON TENDER-BRICK	BASE RATE	\$14.75
		FRINGE BENEFITS	2.04

Mason Tender-Cement/Concrete:		BASE RATE	\$14.45
		FRINGE BENEFITS	0.00

LABORER / HEAVY HIGHWAY:

GROUP 1: Asphalt Laborer, Carpenter Tender, Concrete Curing applicator, Dump Man (Batch Truck), Guardrail and Fence Installer, Joint Setter, Laborer (Construction), Landscape Laborer, Mesh Handlers & Placer, Right-of-way Laborer, Riprap Laborer & Grouter, Scaffold Erector, Seal Coating, Surface Treatment or Road Mix Laborer, Sign Installer, Slurry Seal, Utility Man, Bridge Man, Handyman, waterproofing Laborer, Flagperson, Hazardous Waste (Level D), Diver Tender, Zone Person & Traffic Control:

HEAVY & HIGHWAY	BASE RATE	\$26.72
	FRINGE BENEFITS	9.75

GROUP 2: Skid Steer, Asphalt Raker, Concrete Puddler, Kettle Man (Pipeline), Machine Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Power Buggy or Power Wheelbarrow, Sheeting & Shoring Man, Surface Grinder Man, Plastic Fusing Machine Operator, Pug Mill Operator, & Vacuum Devices (wet or dry), Rodding Machine Operator, Diver, Screwman or Paver, Screed Person, Water Blast, Hand Held Wand, Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (Level C), Air Track and Wagon Drill, Bottom Person, Cofferdam (below 25 ft. deep), Concrete Saw Person, Cutting with Burning Torch, Form Setter, Hand Spiker (Railroad), Pipelayer, tunnel Laborer (without air) & Caisson, Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning), Sandblaster Nozzle Person, & Hazardous Waste (Level B):

HEAVY & HIGHWAY	BASE RATE	\$26.89
	FRINGE BENEFITS	9.75

GROUP 3: Blaster, Mucker, Powder Person, Top Lander, Wrencher (Mechanical Joints & Utility Pipeline), Yarnier, Hazardous Waste (Level A), Concrete Specialist, Concrete Crew in Tunnels (With Air-pressurized - \$1.00 premium), Curb Setter & Cutter, Grade Checker, Utility Pipeline Tapper, Waterline, and Caulker:

HEAVY & HIGHWAY	BASE RATE	\$27.22
	FRINGE BENEFITS	9.75

GROUP 4: Miner (With Air-pressurized - \$1.00 premium), & Gunnite Nozzle Person:

HEAVY & HIGHWAY	BASE RATE	\$27.67
	FRINGE BENEFITS	9.75

Signal Person will receive the rate equal to the rate paid the laborer classification for which he or she is signaling

MILLWRIGHTS:	BASE RATE	\$27.55
	FRINGE BENEFITS	15.39

OPERATING ENGINEERS / BUILDING:

GROUP 1: Boom & Jib 250' over:

BUILDING	BASE RATE	\$30.74
	FRINGE BENEFITS	12.25

GROUP 2: Boom & Jib Over 180' through 249:

BUILDING	BASE RATE	\$30.49
	FRINGE BENEFITS	12.25

GROUP 3: Boom & Jib 150' through 180':

BUILDING	BASE RATE	\$29.99
	FRINGE BENEFITS	12.25

GROUP 4: Master Mechanic:

BUILDING	BASE RATE	\$29.74
	FRINGE BENEFITS	12.25

OPERATING ENGINEERS / BUILDING: CONTINUED

GROUP 5: Crane (compact track or rubber over 4,000 lbs capacity, self erecting, stationary, track or truck (all configurations)), elevating grader, forklift (rough terrain with winch/hoist, backhoe, backhoe track, trackhoe, hoist (2 or more drums), horizontal directional drill, rotary drill, slip form paver:

BUILDING	BASE RATE	\$29.49
	FRINGE BENEFITS	12.25

GROUP 6: Asphalt Paver; Bobcat-type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Bulldozer; Endloader; Power Grader; Power Scraper:

BUILDING	BASE RATE	\$29.37
	FRINGE BENEFITS	12.25

GROUP 7: Forklift (except masonry), highway drills-all types, hoist (1 drum):

BUILDING	BASE RATE	\$28.33
	FRINGE BENEFITS	12.25

GROUP 8: Roller (except asphalt), self propelled sub grader, tractor (pulling sheep foot roller or grader):

BUILDING	BASE RATE	\$27.15
	FRINGE BENEFITS	12.25

GROUP 9: Allen Screed Paver(concrete); crane compact, track or rubber under 4,000 lbs, masonry forklift, oiler:

BUILDING	BASE RATE	\$21.69
	FRINGE BENEFITS	12.25

OPERATOR	BOBCAT/SKID LOADER	BASE RATE	\$20.77
		FRINGE BENEFITS	5.38

OPERATOR	COMPACTOR	BASE RATE	\$24.53
		FRINGE BENEFITS	0.00

OPERATOR	EXCAVATOR	BASE RATE	\$19.18
		FRINGE BENEFITS	5.16

OPERATOR	HIGHLIFT	BASE RATE	\$25.00
		FRINGE BENEFITS	0.00

OPERATING ENGINEERS / HEAVY HIGHWAY:

Master Mechanic & Boom from 150-180:

HEAVY & HIGHWAY	BASE RATE	\$31.04
	FRINGE BENEFITS	13.01

Boom from 180 and over: HEAVY & HIGHWAY

	BASE RATE	\$31.29
	FRINGE BENEFITS	13.01

OPERATING ENGINEERS / HEAVY HIGHWAY: CONTINUED

GROUP 1: Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradual; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Horizontal Directional Drill (over 500,000 ft. lbs. thrust); Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; & Wheel Excavator:

HEAVY & HIGHWAY	BASE RATE	\$30.79
	FRINGE BENEFITS	13.01

GROUP 2: Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); & Vermeer type Concrete Saw:

HEAVY & HIGHWAY	BASE RATE	\$30.67
	FRINGE BENEFITS	13.01

GROUP 3: A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); & Welding Machines:

HEAVY & HIGHWAY	BASE RATE	\$29.63
	FRINGE BENEFITS	13.01

GROUP 4: Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway) except Masonry); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift (highway); Form Trencher; Hydro Hammer; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); & Vibratory Compactor with Integral Power:

HEAVY & HIGHWAY	BASE RATE	\$28.45
	FRINGE BENEFITS	13.01

GROUP 5: Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt); Generator; Inboard-Outboard Motor Boat Launch; Masonry Fork Lift; Oil Heater (asphalt plant); Oiler; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; & VAC/ALLS:

HEAVY & HIGHWAY	BASE RATE	\$22.99
	FRINGE BENEFITS	13.01



PAINTERS / BUILDING:

Brush & Roller Only:	BUILDING	BASE RATE	\$21.30
		FRINGE BENEFITS	3.80
Spray Only:	BUILDING	BASE RATE	\$23.89
		FRINGE BENEFITS	8.36
Sign Painter & Erector:	BUILDING	BASE RATE	\$20.23
		FRINGE BENEFITS	3.25

PAINTERS / HEAVY & HIGHWAY

Bridge/Equipment Tender and/or Containment Builder:	HEAVY & HIGHWAY	BASE RATE	\$20.73
		FRINGE BENEFITS	8.36
Brush & Roller:	HEAVY & HIGHWAY	BASE RATE	\$23.39
		FRINGE BENEFITS	8.36
Spray:	HEAVY & HIGHWAY	BASE RATE	\$23.89
		FRINGE BENEFITS	8.36
Sandblasting & Water Blasting:	HEAVY & HIGHWAY	BASE RATE	\$24.14
		FRINGE BENEFITS	8.36
Bridge:	HEAVY & HIGHWAY	BASE RATE	\$24.39
		FRINGE BENEFITS	8.36

PIPEFITTERS & PLUMBERS:

(Including HVAC Pipe Installation & HVAC System Installation):

		BASE RATE	\$29.60
		FRINGE BENEFITS	17.09

PLASTERERS:

BUILDING

		BASE RATE	\$22.00
		FRINGE BENEFITS	10.10

ROOFERS (excluding metal roofs):

(Including built up roof, modified bitumen roof, rubber roof, shake & shingle roof & single ply roof:

		BASE RATE	\$26.31
		FRINGE BENEFITS	12.30

SHEETMETAL WORKERS (including metal roofs):

(including HVAC duct installation)

		BASE RATE	\$26.86
		FRINGE BENEFITS	17.08

SPRINKLER FITTERS:

(Fire Sprinklers)

		BASE RATE	\$30.14
		FRINGE BENEFITS	17.12

TRUCK DRIVERS / BUILDING:

10 Yard Truck:	BUILDING	BASE RATE	\$16.27
		FRINGE BENEFITS	1.50
Dump Truck:	BUILDING	BASE RATE	\$15.47
		FRINGE BENEFITS	2.74

TRUCK DRIVER / HEAVY HIGHWAY:

Driver:	HEAVY & HIGHWAY	BASE RATE	\$15.85
		FRINGE BENEFITS	4.60
Euclid Wagon, End Dump, Lowboy, Heavy Duty Equipment, Tractor-Trailer Combination, & Drag:	HEAVY & HIGHWAY	BASE RATE	\$16.29
		FRINGE BENEFITS	4.60

End of Document
CR 4-015 2013
NOVEMBER 26, 2013

DAVIS BACON WAGE RATES

General Decision Number: KY140089 01/03/2014 KY89

Superseded General Decision Number: KY20130089

State: Kentucky

Construction Type: Heavy
Including Water and Sewer Line Construction

County: Kenton County in Kentucky.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Modification Number 0 Publication Date 01/03/2014

CARP0698-002 05/01/2011

Rates Fringes

CARPENTER (Including Form Work).....\$ 25.74 12.69

ELEC0212-007 06/03/2013

Rates Fringes

ELECTRICIAN.....\$ 26.35 16.09

ENGI0018-025 05/01/2012

Rates Fringes

POWER EQUIPMENT OPERATOR:
Bobcat/Skid Loader &
Forklift (All other types)..\$ 29.63 13.01
Bulldozer & Loader (Front
End).....\$ 30.67 13.01
Crane.....\$ 30.79 13.01
Masonry Forklift & Roller...\$ 29.63 13.01
Oiler.....\$ 22.99 13.01

IRON0044-016 06/01/2013

Rates Fringes

IRONWORKER, STRUCTURAL.....\$ 25.00 18.40

* IRON0372-017 06/01/2013

Rates Fringes

IRONWORKER, REINFORCING.....\$ 26.47 19.30

PLAS0132-013 06/01/2013

Rates Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 22.00 11.65

PLUM0392-008 06/01/2013

Rates Fringes

PLUMBER.....\$ 29.60 17.09

TEAM0100-001 03/31/2013

Rates Fringes

TRUCK DRIVER (Dump Truck).....\$ 19.56 16.85

SUKY2010-148 09/14/2010

Rates Fringes

LABORER: Common or General.....\$ 23.47 4.93

LABORER: Pipelayer.....\$ 17.51 6.89

OPERATOR:
Backhoe/Excavator/Trackhoe.....\$ 28.42 7.61

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

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) (ii)).

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 union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows 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. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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 Regional Office for the area in which the survey was conducted because those Regional Offices have 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



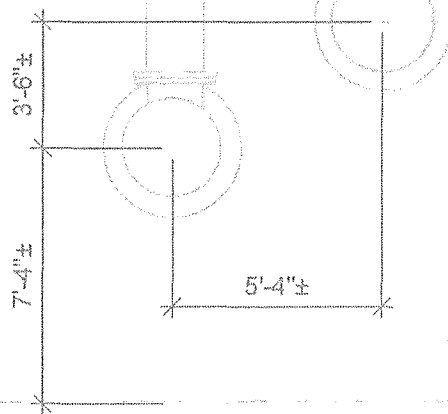
20"
BFV-1

20"
BFV-2

SEE
NOTE 3

20" FLG. COUPLING
ADAPTER (TYP. OF 2)

WET WELL



2

BASEMENT MODIFICATION PLAN

NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL REMOVE AND REPLACE BUTTERFLY VALVES.
2. CONTRACTOR SHALL PROVIDE AND INSTALL FLANGED COUPLING ADAPTERS AS SHOWN.
3. CONTRACTOR SHALL REINSTALL SAMPLE LINE AS REQUIRED.

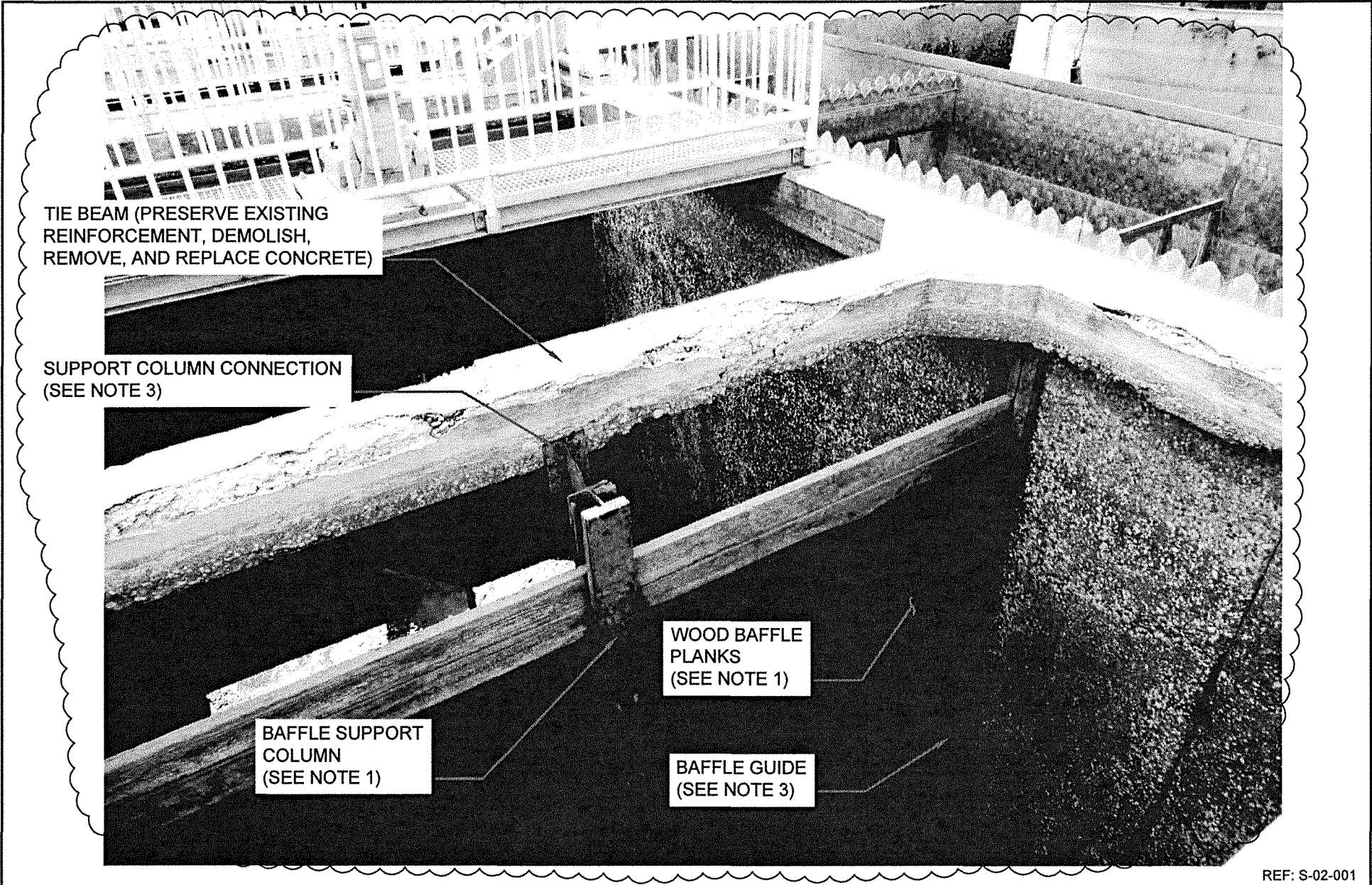
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NORTHERN KENTUCKY WATER DISTRICT
 TAYLOR MILL WATER TREATMENT PLANT
 ELECTRICAL AND BASIN
 IMPROVEMENTS

MECHANICAL
 BASEMENT
 MODIFICATION PLAN
 SCALE: N.T.S.

FEBRUARY 14, 2014

ADD 1-1



TIE BEAM (PRESERVE EXISTING REINFORCEMENT, DEMOLISH, REMOVE, AND REPLACE CONCRETE)

SUPPORT COLUMN CONNECTION (SEE NOTE 3)

WOOD BAFFLE PLANKS (SEE NOTE 1)

BAFFLE SUPPORT COLUMN (SEE NOTE 1)

BAFFLE GUIDE (SEE NOTE 3)

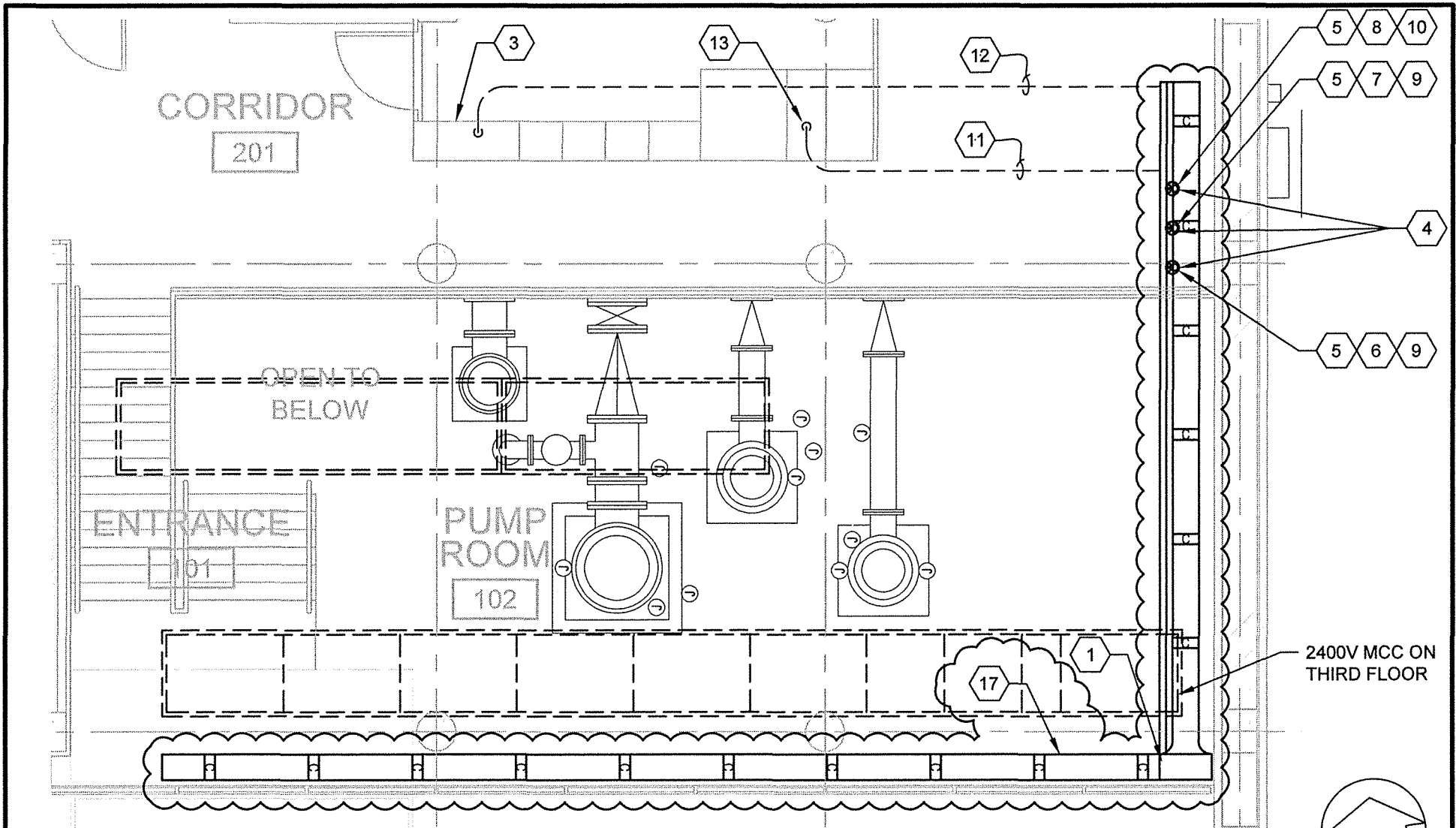
REF: S-02-001

NORTHERN KENTUCKY WATER DISTRICT
TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN
IMPROVEMENTS

STRUCTURAL
WOOD BAFFLE PHOTO
SCALE: N.T.S.

FEBRUARY 14, 2014

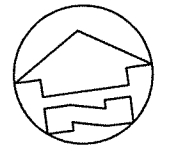
ADD 1-2



1

**FILTER BUILDING MEZZANINE
POWER PLAN AT EL. 535.00**

NOT TO SCALE



REF: E-01-007

FEBRUARY 14, 2014

NORTHERN KENTUCKY WATER DISTRICT
TAYLOR MILL WATER TREATMENT PLANT
**ELECTRICAL AND BASIN
IMPROVEMENTS**

ELECTRICAL
**FILTER BUILDING MEZZANINE
POWER PLAN AT EL. 535.00 II**
SCALE: N.T.S.

ADD 1-3

Northern Kentucky Water District
Taylor Mill Water Treatment Plant Electrical & Basin Improvements

Pre-Bid Conference

February 12, 2014, 9:00 am

Name	Organization	Phone	Email
Jason Abbott	Arcadis	(513) 985-8048	jason.abbott@arcadis-us.com
Jason Lee	Arcadis	(513) 985-8058	jason.lee@arcadis-us.com
Michelle Howlette	Magna Engineers	(859) 309-2990	mhowlette@magnaengineers.com
Amy Kramer	NKWD	(859) 426-2734	akramer@nkywater.org
ED HARKER	BENSHAW	412-863-8195	eharker@curtisswright.com
DONALD J. JANSEN	Seco Electric Co., Inc	859/491-2984	ELECTR@ZOOMTOWN.COM
DICK KUHN	Queen City Electric	513-591-2600	dkuhn@QueenCityElectric.NET
HAN KOEBBE	QUEEN CITY ELECTRIC	513-591-2600	HKOEBBE@QUEENCITYELECTRIC.NET
JACOB REEVES	CodeLL Construction	859-744-2222	jreeves@codellconstruction.com
Brad Miller	Building Crafts, Inc.	(859) 781-9500	bmiller@buildingcrafts.com
Greg Johnson	Building Crafts, Inc	(859) 781-9500	gjohnson@buildingcrafts.com
Bill Schroder	J.A. Schroder & Sons LLC	513-481-7795	SCHRODERPV@Aol.com
MIKE WELSON	J.A. SCHRODER & SONS LLC	513-479-7483	SCHRODERPV@Aol.com

Northern Kentucky Water District
Taylor Mill Water Treatment Plant Electrical & Basin Improvements

Pre-Bid Conference
 February 12, 2014, 9:00 am

Name	Organization	Phone	Email
SEAN MIGUEL	LAYNE	502-585-1241	sean.miguel@layne.com
RICK EOFF	EGC	859-442-6598	reoff@egconst.com
ROB HUGGINS	EGC	859-441-7447	rhuggins@egconst.com
Dennis Nutley	SSRG	512-222-4129	dnutley@ssrg.com
Dave Norman	Dugan+Meyers	513-891-4300	dnorman@dugan-meyers.com
DAVID MUMFORD	KALKREUTH ROOFING & SHEET METAL	859-231-7663	dmumford@KRSM.net
Dan Wackerman	Lake Erie Electric	937-743-1220	dwackerman@lakeerieelectric.com
Jeff Schuchter	NKWD	859-426-2703	jschuchter@nkywater.org
DAVID DONNER	AW FARRELL	513-334-0716	CRAIG.MILLER@AWFARRELL.COM
Jesen Otto	Marine Solutions	859-576-6893	Jotto@MCI Marine Solutions.com
Jason Lee	Arcadis	513-478-2773	Jason.Lee@arcadis-us.com
Michelle Howlett	Magna Engineers	859-309-2990	mhowlett@magnaengineers.com
DAVID HART	TRENCO	513-489-1125	dhart@trencoinc.com

ADDENDUM NO. 2

NORTHERN KENTUCKY WATER DISTRICT

TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

ADDENDUM TABLE OF CONTENTS

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Kenton County Water District No. 1 Water Treatment Plant Additional Details (Sheet 4 of 5) (Hazelet & Erdal 1974)	1

ADDENDUM NO. 2

NORTHERN KENTUCKY WATER DISTRICT

TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

The following addenda items modify, change, delete from, or add to the requirements of the Contract Documents for this project. The articles contained in this Addendum take precedence over the requirements of the previously published Contract Documents. Where any articles of the Project Manual or any detail of the Contract Drawings is modified or any Article, Paragraph, Subparagraph, or Clause thereof is modified or deleted by the articles contained in this Addendum, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

Bid Opening Date and Time Remains February 25, 2014 @ 2:00 p.m., Local Time

GENERAL

1. General Questions from Prospective Bidders are addressed.
2. Additional information regarding the back pump room roof is provided to Prospective Bidders.

CHANGES TO BID SUBMITTAL DOCUMENT

1. No changes.

CHANGES TO PROJECT MANUAL VOLUME 1 OF 1

1. SECTION 40 05 06 – COUPLINGS, ADAPTERS, AND SPECIALS FOR PROCESS PIPING

A. Page 3: PART 2 PRODUCTS, **ADD** Section 2.3 as follows:

2.3 COUPLINGS

A. Flanged Coupling Adapters:

1. Description: One end of adapter shall be flanged and opposite end shall have sleeve-type flexible coupling.
2. Products and Manufacturers: Provide one of the following:
 - a. Style 128, as manufactured by Dresser Piping Specialties, part of Dresser, Inc.
 - b. Style 913, by Smith Blair, Inc.
 - c. Or equal.
3. Pressure and Service: Same as connected piping.
4. Material: Steel.
5. Gasket: Recommended by the manufacturer.
6. Bolts and Nuts: Alloy steel, corrosion-resistant, primer-coated. For buried or submerged applications, provide stainless steel bolts complete with washers complying with ASTM F593, AISI Type 316 and nitrided stainless nuts.
7. Harnessing:
 - a. Harness adapters to restrain pressure piping. For pressure pipelines, test pressures are included in piping schedule in Section 40 05 05, Exposed Piping Installation.
 - b. For flanged adapters 12-inch diameter and smaller, provide 1/2-inch diameter (minimum) Type 316 stainless steel anchor studs installed in pressure-tight anchor boss. For buried or submerged applications, provide external bolting and other hardware of Type 316 stainless steel, including tie bolts, bolt plates, lugs, nuts, and washers. Provide number of studs required to restrain test pressure and service conditions. Harness shall be as designed and recommended by flanged adapter manufacturer. Provide the following minimum anchor studs unless otherwise approved by ENGINEER.
 - 1) Six-inch Diameter and Smaller: Two
 - 2) Eight-inch Diameter and Smaller: Four
 - 3) Ten-inch Diameter and Smaller: Six
 - 4) Twelve-inch Diameter and Smaller: Eight
 - c. For adapters larger than 12-inch diameter, provide split-ring harness clamps with minimum of four corrosion-resistant alloy steel bolts. For buried or submerged applications, provide external bolting and other hardware of Type 316 stainless steel, including tie bolts, bolt plates, lugs,

nuts, and washers. Harness assembly shall be as designed and recommended by flanged adapter manufacturer. Dimensions, sizes, spacing and materials shall be suitable for service and conditions encountered and shall be approved by ENGINEER.

CHANGES TO DRAWINGS

1. SHEET E-01-007

- A. KEY NOTES: **REPLACE** Key Note 7 with the following:
"2 ½"C WITH 3#1/0 5KV SHIELDED 1#2 GROUND FROM PUMP #2
STARTER TO PUMP #2 MOTOR TERMINAL."

2. SHEET E-01-007

- A. KEY NOTES: **REPLACE** Key Note 8 with the following:
"3"C WITH 3-250 KCMIL, 5KV SHIELDED 1#2 GROUND FROM
PUMP #3 STARTER TO PUMP #3 MOTOR TERMINAL."

NOTICE: THIS ADDENDUM MUST BE ACKNOWLEDGED BY ENTRY OF THE
ADDENDUM NUMBER AND THE ASSOCIATED DATE IN THE
REQUISITE SPACE OF THE BID FORM OF THE BID SUBMITTAL
DOCUMENT. FAILURE OF A BIDDER TO ACKNOWLEDGE THIS
ADDENDUM MAY CAUSE THE BID TO BE REJECTED AS
INCOMPLETE.

ISSUED: FEBRUARY 18, 2014

++ END OF ADDENDUM NO. 2 ++

GENERAL QUESTIONS

1. Is the Electrical Power Distribution System Studies specified in Section 26 05 75 to be procured and supplied by the 2400V VFD and MCC manufactures that are specified in Sections 26 24 19 and 26 29 23 or by the CONTRACTOR?

Response: Section 26 05 75, paragraph 2.01.A states: "The specified electrical power system studies shall be performed by the manufacturer of the power distribution and control equipment furnished for the project."

2. Is additional information available to Prospective Bidders regarding the back pump room roof?

Response: See "Kenton County Water District No. 1 Water Treatment Plant Additional Details (Sheet 4 of 5) (Hazelet & Erdal 1974)" Drawing in Addendum Attachments.

ADDENDUM NO. 3

NORTHERN KENTUCKY WATER DISTRICT
TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

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General Questions	1

ADDENDUM NO. 3

NORTHERN KENTUCKY WATER DISTRICT

TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

The following addenda items modify, change, delete from, or add to the requirements of the Contract Documents for this project. The articles contained in this Addendum take precedence over the requirements of the previously published Contract Documents. Where any articles of the Project Manual or any detail of the Contract Drawings is modified or any Article, Paragraph, Subparagraph, or Clause thereof is modified or deleted by the articles contained in this Addendum, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

Bid Opening Date and Time Remains February 25, 2014 @ 2:00 p.m., Local Time

GENERAL

1. General Questions are addressed in Addendum Attachments.

CHANGES TO BID SUBMITTAL DOCUMENT

1. No changes.

CHANGES TO PROJECT MANUAL VOLUME 1 OF 1

1. No Changes.

CHANGES TO DRAWINGS

1. No Changes.

NOTICE: THIS ADDENDUM MUST BE ACKNOWLEDGED BY ENTRY OF THE ADDENDUM NUMBER AND THE ASSOCIATED DATE IN THE REQUISITE SPACE OF THE BID FORM OF THE BID SUBMITTAL DOCUMENT. FAILURE OF A BIDDER TO ACKNOWLEDGE THIS ADDENDUM MAY CAUSE THE BID TO BE REJECTED AS INCOMPLETE.

ISSUED: FEBRUARY 20, 2014

++ END OF ADDENDUM NO. 3 ++

GENERAL QUESTIONS

1. Is construction equipment allowed on the top slab of the existing clearwell?

Response: Construction equipment is not allowed on the existing clearwell top slab.

2. If Alternative No. 2 is selected by the owner, which means that a new pump and motor will not be installed at pump number 3, will the proposed electrical work need to connect to the existing pump number 3?

Response: The motor at the existing pump No. 3 is currently inoperable. If Alternative No.2 is selected by the owner, as stated in Section 01 23 00, Alternatives, paragraph 1.2.B.3, "the proposed electrical work shall be installed to the general location of termination but not connected."

ADDENDUM NO. 4

NORTHERN KENTUCKY WATER DISTRICT
TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

ADDENDUM TABLE OF CONTENTS

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Specification Section 00 41 13, Bid Form	12
Specification Section 00 41 23, Supplements to Bid Form	10

ADDENDUM NO. 4

NORTHERN KENTUCKY WATER DISTRICT

TAYLOR MILL WATER TREATMENT PLANT
ELECTRICAL AND BASIN IMPROVEMENTS

The following addenda items modify, change, delete from, or add to the requirements of the Contract Documents for this project. The articles contained in this Addendum take precedence over the requirements of the previously published Contract Documents. Where any articles of the Project Manual or any detail of the Contract Drawings is modified or any Article, Paragraph, Subparagraph, or Clause thereof is modified or deleted by the articles contained in this Addendum, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

Bid Opening Date and Time Remains February 25, 2014 @ 2:00 p.m., Local Time

GENERAL

1. Revised Section 00 41 13, Bid Form, is provided in Addendum Attachments.
2. Additional Specification Section 00 41 23, Supplements to Bid Form, is provided in Addendum Attachments for inclusion in the Bid Submittal Document.

CHANGES TO BID SUBMITTAL DOCUMENT

1. SECTION 00 41 13 – BID FORM

- A. **REPLACE** Section 00 41 13 – Bid Form in its entirety with enclosed Section 00 41 13 – Bid Form.

2. SECTION 00 41 23 – SUPPLEMENT TO BID FORM

- A. **ADD** Section 00 41 23 – Supplement To Bid Form to the Bid Submittal Document.

CHANGES TO PROJECT MANUAL VOLUME 1 OF 1

1. SECTION 00 41 13 – BID FORM
 - A. **REPLACE** Section 00 41 13 – Bid Form in its entirety with enclosed Section 00 41 13 – Bid Form.

2. SECTION 01 22 13 – MEASUREMENT AND PAYMENT
 - A. Page 2, Paragraph 1.4.C: **REPLACE** “ITEM 3 – CRACK REPAIR” with “ITEM 3 – TROUGH CRACK REPAIR”.

3. SECTION 01 22 13 – MEASUREMENT AND PAYMENT
 - A. Page 2, Paragraph 1.4.C.1: **REPLACE** the paragraph in its entirety with the following:
 1. Description: Item 3 includes all trough slab and wall crack repair required for completing the Work as shown and specified

4. SECTION 01 22 13 – MEASUREMENT AND PAYMENT
 - A. Paragraph 1.4.E **ADD** the following paragraph:
 - E. Item 6 – Base Slab Crack Repair:
 1. Description: Item 6 includes all base slab crack repair required for completing the Work as shown and specified.
 2. Measurement: The quantity of crack repair will be measured for payment on the basis of linear feet of crack.
 3. Payment: The unit price payment per linear foot of crack repair will be full compensation for all crack repairs actually performed as shown and specified and not specifically included under other items and under other contracts. The unit price shall apply to actual quantities up to one hundred fifty percent (150%) or to actual quantities less than fifty percent (50%) of the estimated quantity.

CHANGES TO DRAWINGS

1. SHEET S-02-005.
 - A. **REPLACE** Callouts “TROUGH SLAB CRACK REPAIR (TYP)” with “TROUGH CRACK REPAIR (TYP)”.

2. SHEET S-02-008.
 - A. REPAIR SCHEDULE - REPAIR TYPE, **REPLACE** Repair Type “CRACK” with “TROUGH CRACK”.

3. SHEET S-02-008.
 - A. REPAIR SCHEDULE – SPALL BID QUANTITY, **REPLACE** Spall Bid Quantity “100 SF” with “650 SF”

NOTICE: THIS ADDENDUM MUST BE ACKNOWLEDGED BY ENTRY OF THE ADDENDUM NUMBER AND THE ASSOCIATED DATE IN THE REQUISITE SPACE OF THE BID FORM OF THE BID SUBMITTAL DOCUMENT. FAILURE OF A BIDDER TO ACKNOWLEDGE THIS ADDENDUM MAY CAUSE THE BID TO BE REJECTED AS INCOMPLETE.

ISSUED: FEBRUARY 21, 2014

++ END OF ADDENDUM NO. 4 ++