



City of Bristol
BRISTOL, CONNECTICUT 06010

Invitation to Bid 2C16-006
UST Removal and Fuel Conversion for Edgewood and Stafford Schools
Addendum 01
July 24, 2015

Prevailing wage rates as published by the State of Connecticut Department of Labor are attached to this addendum and herein made a part of the specifications.

Please note the following questions and subsequent responses/clarifications:

- Q1: Who is the City contact for Bid/RFI questions?
A1: Roger Rousseau, Purchasing Agent rogerrousseau@bristolct.gov
- Q2: Who is the City contact for scheduling site visits?
A2: Tara Landon, Tel (860) 584-7016 taralandon@bristolct.gov
- Q3: Will the City waive permit fees, or are they payable in full by the contractor?
A3: Permit fees are not waived and are to be paid by the contractor.
- Q4: Do either of the schools have fire alarm systems to integrate with? If so, please identify the fire alarm vendors for our bid pricing.
A4: Simplex Grinnell
Alice Petronio (800) 451-6124 x 119
- Q5: Do either of the schools have HVAC building management systems to integrate with? If so, please identify the local vendor for our bid pricing.
A5: Environmental Systems Corp.
Daniel Kus (860) 953-8800
- Q6: Drawings show underground gas mains to be completed by Eversource (not in contract). Please confirm if Eversource will provide all supporting work for the gas mains, or is any of this work by the bidding contractor:
- Saw-cutting for roads and sidewalks
 - Trenching from site or road to tie-ins to meters at buildings
 - Back filling and grade restoration for trenching
 - Concrete pads for meters

- Set meters and connect incoming gas mains
 - Bollards for gas meters
 - Catch basin sediment protection
- A6: Eversource will be providing the installation of the gas meters and all supporting work for gas mains up to the meter (e.g. work in road and sidewalk, trenching, backfilling and grade restoration). Contractor is responsible for concrete pads and bollards for meters, and everything from the meter to the building.
- Q7: General conditions allow ninety (90) days for completion of all work at both schools. Is there a milestone date for heat to be provided?
- A7: Heat is to be provided by October 1, 2015.
- Q8: Both projects involve modifications to existing boiler room breechings. The existing insulation on the breeching will be impacted by the work. Has the breeching insulation been tested for asbestos content?
- A8: No known testing has been performed for the breeching insulation. Any remediation efforts, if determined to be necessary, would not be considered as part of the base bid, and would be addressed either via cost adjustment to the base contract or directly by the owner, at the discretion of the owner.
- Q9: Stafford School drawing C2.1 calls for a pipe chase to be used for the gas pipe between the entry point of the building and the boiler room. The area where the pipe is shown to run has existing exposed piping (no chase). There are no construction details for building a pipe chase.
- A9: Stafford School has an existing underground pipe chase that runs from the underground storage tank to the boiler room.
- Q10: Drawing P2.1 note D: gas pipe size is not indicated. Site Plan drawing C2.1 indicates 4" pipe outside. Please confirm pipe size from meter to building.
- A10: Refer to revised drawing P2.1, attached to this addendum and herein made a part of the specifications.
- Q11: Drawings C1.1 and C2.1, construction sequence note #10 states that backfill of excavated area and repair of pavement associated with oil tank removal is by Eversource. Please clarify.
- A11: Construction sequence notes #10 and #11 should state that the contractor is responsible for excavation and repair of pavement associated with tank removal and installation of concrete bollards for gas meter protection.

Q12: Construction sequence notes do not address if Eversource is providing the concrete pads for the gas meters, as detailed on drawing C3.1. Please clarify.

A12: Concrete pads are to be installed by contractor.

All other terms and conditions remain unchanged.

Roger D. Rousseau

Purchasing Agent

Tel (860) 584-6195

Fax (860) 584-6171

Attachments: Prevailing Wage Rates	(35 pages)
Revised Drawing P2.1	(1 page)
Acknowledgement form	(1 page)

RETURN THIS FORM IMMEDIATELY!

City of Bristol, Connecticut
Acknowledgment: Receipt of Bid Documents

Bid Number: **2C16-006**
Title: **UST Removal and Fuel Conversion for
Edgewood and Stafford Schools
Addendum 01**

Please take a moment to acknowledge receipt of the attached documents. Your compliance with this request will help us to maintain proper follow-up procedures while ensuring that all recipients have the opportunity to submit proposals.

Date Addendum 01 was issued July 24, 2015

Date Addendum 01 was received ____/____/____

Do you plan to submit a proposal? Yes ____ No ____

Print or type the following information:

Company name: _____

Address: _____

City or Town: _____

Phone: _____

Fax: _____

Email: _____

Received by: _____

Note: Faxed acknowledgments are requested!
FAX (860)584-6171
A cover sheet is NOT necessary.
IMPORTANT: DO NOT FAX PROPOSALS.
PROPOSALS MUST BE SUBMITTED IN SEALED PACKAGES

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For Mechanical Systems To Natural Gas For Edgewood And Stafford Elementary Schools

**Minimum Rates and Classifications
for Heavy/Highway Construction**

**Connecticut Department of Labor
Wage and Workplace Standards Division**

ID#: H 21023

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: 2C15-006

Project Town: Bristol

FAP Number:

State Number:

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For Mechanical Systems To Natural Gas For Edgewood And Stafford Elementary Schools

CLASSIFICATION	Hourly Rate	Benefits
01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. **See Laborers Group 5 and 7**		
1) Boilermaker	33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	32.50	28.34
2) Carpenters, Piledrivermen	31.45	23.54

As of:

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2a) Diver Tenders	31.45	23.54
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3) Divers	39.91	23.54
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03a) Millwrights	31.84	23.99
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4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	45.10	18.55
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4a) Painters: Brush and Roller	31.02	18.55
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4b) Painters: Spray Only	34.02	18.55
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4c) Painters: Steel Only	33.02	18.55
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Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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4d) Painters: Blast and Spray 34.02 18.55

4e) Painters: Tanks, Tower and Swing 33.02 18.55

5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9) 37.50 23.91 + 3% of gross wage

6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection 34.47 31.09 + a

7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9) 40.62 28.91

---LABORERS----

8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist 27.85 18.30

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen 28.10 18.30

10) Group 3: Pipelayers 28.35 18.30

11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators 28.35 18.30

12) Group 5: Toxic waste removal (non-mechanical systems) 29.85 18.30

13) Group 6: Blasters 29.60 18.30

Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe) 28.85 18.30

Group 8: Traffic control signalmen 16.00 18.30

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
Mechanical Systems To Natural Gas For Edgewood And Stafford Elementary Schools

Group 9: Hydraulic Drills 28.60 18.30

---LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and
Liner Plate Tunnels in Free Air.---

13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men,
Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable
Tenders 32.22 18.30 + a

13b) Brakemen, Trackmen 31.28 18.30 + a

---CLEANING, CONCRETE AND CAULKING TUNNEL---

14) Concrete Workers, Form Movers, and Strippers 31.28 18.30 + a

15) Form Erectors 31.60 18.30 + a

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---ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL
IN FREE AIR:---

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	31.28	18.30 + a
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17) Laborers Topside, Cage Tenders, Bellman	31.17	18.30 + a
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18) Miners	32.22	18.30 + a
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---TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED
AIR: ---

18a) Blaster	38.53	18.30 + a
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19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	38.34	18.30 + a
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20) Change House Attendants, Powder Watchmen, Top on Iron Bolts 36.41 18.30 + a

21) Mucking Machine Operator 39.11 18.30 + a

---TRUCK DRIVERS---(*see note below)

Two axle trucks 28.58 20.24 + a

Three axle trucks; two axle ready mix 28.68 20.24 + a

Three axle ready mix 28.73 20.24 + a

Four axle trucks, heavy duty trailer (up to 40 tons) 28.78 20.24 + a

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Four axle ready-mix	28.83	20.24 + a
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Heavy duty trailer (40 tons and over)	29.03	20.24 + a
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Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	28.83	20.24 + a
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---POWER EQUIPMENT OPERATORS---

Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over. (Trade License Required)	37.55	23.05 + a
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Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer); Bauer Drill/Caisson. (Trade License Required)	37.23	23.05 + a
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Group 3: Excavator/Backhoe under 2 cubic yards; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	36.49	23.05 + a
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Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; 36.10 23.05 + a
CMI Machine or Similar; Koehring Loader (Skooper)

Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; 35.51 23.05 + a
Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self
Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder;
Well Digger; Milling Machine (over 24" Mandrell)

Group 5 continued: Side Boom; Combination Hoe and Loader; Directional 35.51 23.05 + a
Driller.

Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade 35.20 23.05 + a
dozer).

Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer 34.86 23.05 + a
Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine
(24" and Under Mandrel).

Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, 34.46 23.05 + a
Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.

Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless 34.03 23.05 + a
of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape
Equipment (including hydroseeder).

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc. 31.99 23.05 + a

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer),
Robot Demolition Equipment. 31.99 23.05 + a

Group 12: Wellpoint Operator. 31.93 23.05 + a

Group 13: Compressor Battery Operator. 31.35 23.05 + a

Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough
Terrain). 30.21 23.05 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding
Machine Operator; Heater Operator. 29.80 23.05 + a

Group 16: Maintenance Engineer/Oiler 29.15 23.05 + a

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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Group 17: Portable asphalt plant operator; portable crusher plant operator; 33.46 23.05 + a
portable concrete plant operator.

Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum 31.04 23.05 + a
for any job requiring CDL license).

**NOTE: SEE BELOW

---LINE CONSTRUCTION---(Railroad Construction and Maintenance)---

20) Lineman, Cable Splicer, Technician 45.43 6.25%+19.20

21) Heavy Equipment Operator 40.89 6.25%+17.18

22) Equipment Operator, Tractor Trailer Driver, Material Men 38.62 6.25%+16.68

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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23) Driver Groundmen 24.99 6.25%+10.87

23a) Truck Driver 34.07 6.25%+15.41

---LINE CONSTRUCTION---

24) Driver Groundmen 30.92 6.5% + 9.70

25) Groundmen 22.67 6.5% + 6.20

26) Heavy Equipment Operators 37.10 6.5% + 10.70

27) Linemen, Cable Splicers, Dynamite Men 41.22 6.5% + 12.20

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For
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28) Material Men, Tractor Trailer Drivers, Equipment Operators

35.04

6.5% + 10.45

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For Mechanical Systems To Natural Gas For Edgewood And Stafford Elementary Schools

Welders: Rate for craft to which welding is incidental.

**Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

***Note: Hazardous waste premium \$3.00 per hour over classified rate*

ALL Cranes: When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra \$2.00 premium in addition to the hourly wage rate and benefit contributions:

1) Crane handling or erecting structural steel or stone; hoisting engineer (2 drums or over)

2) Cranes (100 ton rate capacity and over) Bauer Drill/Caisson

3) Cranes (under 100 ton rated capacity)

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

~Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work ~

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

As of:

Thursday, July 23, 2015

Project: Removal Of Underground Heating Oil Storage Tanks And Conversion Of Fuel Source For Mechanical Systems To Natural Gas For Edgewood And Stafford Elementary Schools

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~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 clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

Sec. 31-53b. Construction safety and health course. New miner training program. Proof of completion required for mechanics, laborers and workers on public works projects. Enforcement. Regulations. Exceptions. (a) Each contract for a public works project entered into on or after July 1, 2009, by the state or any of its agents, or by any political subdivision of the state or any of its agents, described in subsection (g) of section 31-53, shall contain a provision requiring that each contractor furnish proof with the weekly certified payroll form for the first week each employee begins work on such project that any person performing the work of a mechanic, laborer or worker pursuant to the classifications of labor under section 31-53 on such public works project, pursuant to such contract, has completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, has completed a new miner training program approved by the Federal Mine Safety and Health Administration in accordance with 30 CFR 48 or, in the case of telecommunications employees, has completed at least ten hours of training in accordance with 29 CFR 1910.268.

(b) Any person required to complete a course or program under subsection (a) of this section who has not completed the course or program shall be subject to removal from the worksite if the person does not provide documentation of having completed such course or program by the fifteenth day after the date the person is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c) Not later than January 1, 2009, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or in accordance with Federal Mine Safety and Health Administration Standards or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.

(d) This section shall not apply to employees of public service companies, as defined in section 16-1, or drivers of commercial motor vehicles driving the vehicle on the public works project and delivering or picking up cargo from public works projects provided they perform no labor relating to the project other than the loading and unloading of their cargo.

(P.A. 06-175, S. 1; P.A. 08-83, S. 1.)

History: P.A. 08-83 amended Subsec. (a) by making provisions applicable to public works project contracts entered into on or after July 1, 2009, replacing provision re total cost of work with reference to Sec. 31-53(g), requiring proof in certified payroll form that new mechanic, laborer or worker has completed a 10-hour or more construction safety course and adding provision re new miner training program, amended Subsec. (b) by substituting "person" for "employee" and adding "or program", amended Subsec. (c) by adding "or in accordance with Federal Mine Safety and Health Administration Standards" and setting new deadline of January 1, 2009, deleted former Subsec. (d) re "public building", added new Subsec. (d) re exemptions for public service company employees and delivery drivers who perform no labor other than delivery and made conforming and technical changes, effective January 1, 2009.

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of <http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm>; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTIMATELY ARISE CONCERNING THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

November 29, 2006

Notice
To All Mason Contractors and Interested Parties
Regarding Construction Pursuant to Section 31-53 of the
Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.

- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

STATUTE 31-55a

- SPECIAL NOTICE -

To: All State and Political Subdivisions, Their Agents, and Contractors

Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.

Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the **contractor's** responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: www.ctdol.state.ct.us. For those without internet access, please contact the division listed below.
- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.

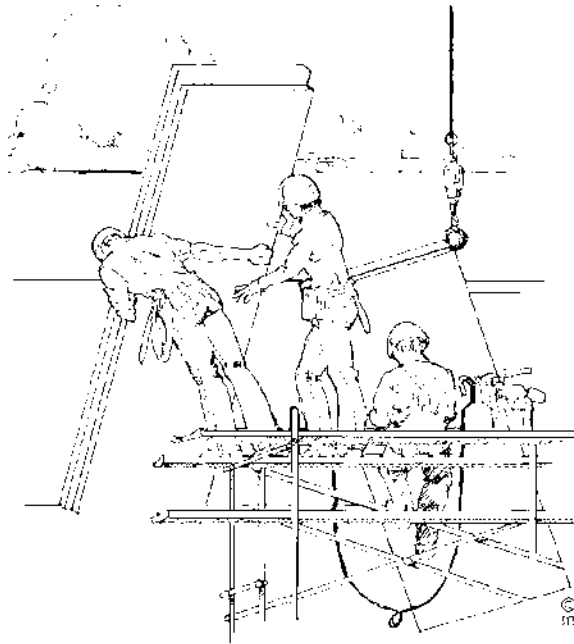
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached “Contracting Agency Certification Form” to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

 Inquiries can be directed to (860)263-6543.



CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION
CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I, _____, acting in my official capacity as _____,
authorized representative title

for _____, located at _____,
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with
_____, located at _____,
project name and number address

shall be \$_____, which includes all work, regardless of whether such project
consists of one or more contracts.

CONTRACTOR INFORMATION

Name: _____

Address: _____

Authorized Representative: _____

Approximate Starting Date: _____

Approximate Completion Date: _____

Signature

Date

Return To: Connecticut Department of Labor
Wage & Workplace Standards Division
Contract Compliance Unit
200 Folly Brook Blvd.
Wethersfield, CT 06109

Date Issued: _____

CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM
Construction Manager at Risk/General Contractor/Prime Contractor

I, _____ of _____
Officer, Owner, Authorized Rep. Company Name

do hereby certify that the _____
Company Name

Street

City

and all of its subcontractors will pay all workers on the

Project Name and Number

Street and City

the wages as listed in the schedule of prevailing rates required for such project (a copy of which is attached hereto).

Signed

Subscribed and sworn to before me this _____ day of _____, _____.

Notary Public

Return to:
Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

Rate Schedule Issued (Date): _____

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

CONTRACTOR NAME AND ADDRESS:		PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109												WORKER'S COMPENSATION INSURANCE CARRIER								
PAYROLL NUMBER	Week-Ending Date	PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION	DAY AND DATE							Total ST Hours	Total O/T Hours	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS		GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY			
						HOURS WORKED EACH DAY										FICA	WITH-HOLDING			FEDERAL STATE	LIST OTHER	
						S	M	T	W	TH	F	S										WITH-HOLDING
					Trade License Type & Number - OSHA 10 Certification Number																	
SUBCONTRACTOR NAME & ADDRESS															POLICY # EFFECTIVE DATE: EXPIRATION DATE:							

12/9/2013
WWS-CPI

*IF REQUIRED

*SEE REVERSE SIDE

PAGE NUMBER _____ OF _____

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker’s compensation, income taxes, etc.).

Please specify the type of benefits provided:

- 1) Medical or hospital care _____ 4) Disability _____
- 2) Pension or retirement _____ 5) Vacation, holiday _____
- 3) Life Insurance _____ 6) Other (please specify) _____

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of _____,

I, _____ of _____, (hereafter known as Employer) in my capacity as _____ (title) do hereby certify and state:

Section A:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

- a) The records submitted are true and accurate;
- b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;
- c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);
- d) Each such person is covered by a worker’s compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;
- e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and
- f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA~The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such persons name first appears.

_____ Submitted on (Date)

(Signature) (Title)

Weekly Payroll Certification For
Public Works Projects (Continued)

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS

WEEKLY PAYROLL

Week-Ending Date:
Contractor or Subcontractor Business Name:

PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION Trade License Type & Number - OSHA 10 Certification Number	DAY AND DATE							Total ST Hours	Total O/T Hours	BASE HOURLY RATE TOTAL FRINGE BENEFIT PLAN CASH	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS			GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY	
				S	M	T	W	TH	F	S						FEDERAL STATE	FICA WITH- HOLDING	WITH- HOLDING			OTHER
				HOURS WORKED EACH DAY																	
												\$ Base Rate	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Base Rate	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Base Rate	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Base Rate	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Base Rate	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								
												\$ Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$								

*IF REQUIRED

OCCUPATIONAL CLASSIFICATION BULLETIN

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53.

Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification.

Below are additional clarifications of specific job duties performed for certain classifications:

- **ASBESTOS WORKERS**

- Applies all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.

- **ASBESTOS INSULATOR**

- Handle, install apply, fabricate, distribute, prepare, alter, repair, dismantle, heat and frost insulation, including penetration and fire stopping work on all penetration fire stop systems.

- **BOILERMAKERS**

- Erects hydro plants, incomplete vessels, steel stacks, storage tanks for water, fuel, etc. Builds incomplete boilers, repairs heat exchanges and steam generators.

- **BRICKLAYERS, CEMENT MASONS, CEMENT FINISHERS, MARBLE MASONS, PLASTERERS, STONE MASONS, PLASTERERS. STONE MASONS, TERRAZZO WORKERS, TILE SETTERS**

- Lays building materials such as brick, structural tile and concrete cinder, glass, gypsum, terra cotta block. Cuts, tools and sets marble, sets stone, finishes concrete, applies decorative steel, aluminum and plastic tile, applies cements, sand, pigment and marble chips to floors, stairways, etc.

- **CARPENTERS, MILLWRIGHTS. PILEDRIVERMEN. LATHERS. RESILIENT FLOOR LAYERS, DOCK BUILDERS, DIKERS, DIVER TENDERS**

- Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard. Installs, assembles, dismantles, moves industrial machinery. Drives piling into ground to provide foundations for structures such as buildings and bridges, retaining walls for earth embankments, such as cofferdams. Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings, acoustical tile layer, concrete form builder. Applies firestopping materials on fire resistive joint systems only. Installation of curtain/window walls only where attached to wood or metal studs. Installation of insulated material of all types whether blown, nailed or attached in other ways to walls, ceilings and floors of buildings. Assembly and installation of

modular furniture/furniture systems. Free-standing furniture is not covered. This includes free standing: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two-position information access station, file cabinets, storage cabinets, tables, etc.

- **CLEANING LABORER**

- The clean up of any construction debris and the general cleaning, including sweeping, wash down, mopping, wiping of the construction facility, washing, polishing, dusting, etc., prior to the issuance of a certificate of occupancy falls under the Labor classification.

- **DELIVERY PERSONNEL**

- If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.
- An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer/tradesman and not a delivery personnel.

- **ELECTRICIANS**

- Install, erect, maintenance, alteration or repair of any wire, cable, conduit, etc., which generates, transforms, transmits or uses electrical energy for light, heat, power or other purposes, including the Installation or maintenance of telecommunication, LAN wiring or computer equipment, and low voltage wiring.

***License required per Connecticut General Statutes: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9.**

- **ELEVATOR CONSTRUCTORS**

- Install, erect, maintenance and repair of all types of elevators, escalators, dumb waiters and moving walks.

***License required by Connecticut General Statutes: R-1,2,5,6.**

- **FORK LIFT OPERATOR**

- Laborers Group 4) Mason Tenders - operates forklift solely to assist a mason to a maximum height of nine (9) feet only.
- Power Equipment Operator Group 9 - operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

- **GLAZIERS**

- Glazing wood and metal sash, doors, partitions, and 2 story aluminum storefronts. Installs glass windows, skylights, store fronts and display cases or surfaces such as building fronts, interior walls, ceilings and table tops and metal store fronts.

Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers which requires either a blended rate or equal composite workforce.

- **IRONWORKERS**

- Erection, installation and placement of structural steel, precast concrete, miscellaneous iron, ornamental iron, metal curtain wall, rigging and reinforcing steel. Handling, sorting, and installation of reinforcing steel (rebar). Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation. Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers which requires either a blended rate or equal composite workforce. Insulated metal and insulated composite panels are still installed by the Ironworker.

- **INSULATOR**

- Installing fire stopping systems/materials for "Penetration Firestop Systems": transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations, ductwork behind radiation, electrical cable trays, fire rated pipe penetrations, natural polypropylene, HVAC ducts, plumbing bare metal, telephone and communication wires, and boiler room ceilings. Past practice using the applicable licensed trades, Plumber, Sheet Metal, Sprinkler Fitter, and Electrician, is not inconsistent with the Insulator classification and would be permitted.

- **LABORERS**

- Acetylene burners, asphalt rakers, chain saw operators, concrete and power buggy operator, concrete saw operator, fence and guard rail erector (except metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation.), hand operated concrete vibrator operator, mason tenders, pipelayers (installation of storm drainage or sewage lines on the street only), pneumatic drill operator, pneumatic gas and electric drill operator, powermen and wagon drill operator, air track operator, block paver, curb setters, blasters, concrete spreaders.

- **PAINTERS**

- Maintenance, preparation, cleaning, blasting (water and sand, etc.), painting or application of any protective coatings of every description on all bridges and appurtenances of highways, roadways, and railroads. Painting, decorating, hardwood finishing, paper hanging, sign writing, scenic art work and drywall hanging+ for any and all types of building and residential work.

- **LEAD PAINT REMOVAL**

- Painter's Rate
 1. Removal of lead paint from bridges.
 2. Removal of lead paint as preparation of any surface to be repainted.
 3. Where removal is on a Demolition project prior to reconstruction.
- Laborer's Rate
 1. Removal of lead paint from any surface NOT to be repainted.
 2. Where removal is on a TOTAL Demolition project only.

- **PLUMBERS AND PIPEFITTERS**

- Installation, repair, replacement, alteration or maintenance of all plumbing, heating, cooling and piping.

***License required per Connecticut General Statutes: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2 S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4.**

- **POWER EQUIPMENT OPERATORS**

- Operates several types of power construction equipment such as compressors, pumps, hoists, derricks, cranes, shovels, tractors, scrapers or motor graders, etc. Repairs and maintains equipment.

***License required, crane operators only, per Connecticut General Statutes.**

- **ROOFERS**

- Covers roofs with composition shingles or sheets, wood shingles, slate or asphalt and gravel to waterproof roofs, including preparation of surface. (tear-off and/or removal of any type of roofing and/or clean-up of any and all areas where a roof is to be relaid)

- **SHEETMETAL WORKERS**

- Fabricate, assembles, installs and repairs sheetmetal products and equipment in such areas as ventilation, air-conditioning, warm air heating, restaurant equipment, architectural sheet metal work, sheetmetal roofing, and aluminum gutters. Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, fascia, louvers, partitions, wall panel siding, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Insulated metal and insulated composite panels are still installed by the Iron Worker. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers.

- **SPRINKLER FITTERS**

- Installation, alteration, maintenance and repair of fire protection sprinkler systems.

***License required per Connecticut General Statutes: F-1,2,3,4.**

- **TILE MARBLE AND TERRAZZO FINISHERS**

- Assists and tends the tile setter, marble mason and terrazzo worker in the performance of their duties.

- **TRUCK DRIVERS**

- **Definitions:**

- 1) "Site of the work" (29 Code of Federal Regulations (CFR) 5.2(l)(b) is the physical place or places where the building or work called for in the contract will remain and any other site where a significant portion of the building or work is constructed, provided that such site is established specifically for the performance of the contract or project;
 - (a) Except as provided in paragraph (l) (3) of this section, job headquarters, tool yards, batch plants, borrow pits, etc. are part of the "site of the work"; provided they are dedicated exclusively, or nearly so, to the performance of the contract or project, and provided they are adjacent to "the site of work" as defined in paragraph (e)(1) of this section;
 - (b) Not included in the "site of the work" are permanent home offices, branch plant establishments, fabrication plants, tool yards etc, of a contractor or subcontractor whose location and continuance in operation are determined wholly without regard to a particular State or political subdivision contract or uncertain and indefinite periods of time involved of a few seconds or minutes duration and where the failure to count such time is due to consideration justified by industrial realities (29 CFR 785.47)
- 2) "Engaged to wait" is waiting time that belongs to and is controlled by the employer which is an integral part of the job and is therefore compensable as hours worked. (29 CFR 785.15)
- 3) "Waiting to be engaged" is waiting time that an employee can use effectively for their own purpose and is not compensable as hours worked. (29 CFR 785.16)
- 4) "De Minimus" is a rule that recognizes that unsubstantial or insignificant periods of time which cannot as a practical administrative matter be precisely recorded for payroll purposes, may be disregarded. This rule applies only where there are uncertain and indefinite periods of time involved of a short duration and where the failure to count such time is due to consideration justified by worksite realities. For example, with respect to truck drivers on prevailing wage sites, this is typically less than 15 minutes at a time.

- **Coverage of Truck Drivers on State or Political subdivision Prevailing Wage Projects**

- Truck drivers **are covered** for payroll purposes under the following conditions:
 - Truck Drivers for time spent working on the site of the work.
 - Truck Drivers for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not de minimus.
 - Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
 - Truck drivers transporting portions of the building or work between a site established specifically for the performance of the contract or project where a significant portion of such building or work is constructed and the physical

places where the building or work outlined in the contract will remain.

For example: Truck drivers delivering asphalt are covered under prevailing wage while “engaged to wait” on the site and when directly involved in the paving operation, provided the total time is not “de minimus”

- Truck Drivers **are not covered** in the following instances:
 - Material delivery truck drivers while off “the site of the work”
 - Truck Drivers traveling between a prevailing wage job and a commercial supply facility while they are off the “site of the work”
 - Truck drivers whose time spent on the “site of the work” is de minimus, such as under 15 minutes at a time, merely to drop off materials or supplies, including asphalt.

These guidelines are similar to U.S. Labor Department policies. The application of these guidelines may be subject to review based on factual considerations on a case by case basis.

For example:

- Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- Driving a truck on site and moving equipment or materials on site would be considered covered work, as this is part of the construction process.

Any questions regarding the proper classification should be directed to:

*Public Contract Compliance Unit
Wage and Workplace Standards Division
Connecticut Department of Labor
200 Folly Brook Blvd, Wethersfield, CT 06109
(860) 263-6543*

**Connecticut Department of Labor
Wage and Workplace Standards Division
FOOTNOTES**

⇒ Please Note: If the “Benefits” listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the “Benefits” section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Concrete Finishers, Stone Masons
(Building Construction) and
(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

- a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Elevator Constructors: Mechanics

- a. Paid Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Veterans’ Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

Glaziers

- a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators
(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year’s Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

- a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

Laborers (Tunnel Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular work day preceding the holiday or the regular work day following the holiday.

Roofers

- a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

Sprinkler Fitters

- a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.

PLUMBING SPECIFICATIONS

GENERAL CONDITIONS OF THE CONTRACT

IT IS THE INTENT OF THE SPECIFICATIONS AND DRAWINGS TO PROVIDE FOR FINISHED WORK, TESTED AND READY FOR OPERATION.

WORK OF THIS SECTION SHALL BE GOVERNED BY THE CONTRACT DOCUMENTS. PROVIDE MATERIALS, LABOR, EQUIPMENT AND SERVICES NECESSARY TO FURNISH, DELIVER AND INSTALL ALL WORK AS SPECIFIED AND AS REQUIRED BY JOB CONDITIONS. WHERE A CONFLICT EXISTS BETWEEN THESE NOTES, THE DRAWINGS AND THE FOLLOWING SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

ITEMS AND SERVICES NOT SHOWN ON THE DRAWINGS OR STATED IN THE SPECIFICATIONS, BUT REQUIRED TO RENDER THE WORK COMPLETE AND READY FOR OPERATION, SHALL BE PROVIDED WITHOUT ADDITIONAL COST.

DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. DRAWINGS INDICATE A GENERAL ARRANGEMENT OF WORK AND ARE NOT TO BE CONSIDERED SUB-CONTRACTOR DOCUMENTS. IT IS THE INTENT OF THESE DOCUMENTS TO INCLUDE THE PROVISION AND INSTALLATION OF ALL NECESSARY WORK AND MATERIALS FOR COMPLETE, OPERATIONAL AND CODE COMPLIANT SYSTEMS BY THE CONTRACTOR.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED AND PAY ALL APPLICABLE FEES. INCLUDED SHALL BE ANY UTILITY COST ASSOCIATED WITH ANY NEW OR MODIFIED SERVICES.

ALL WORK SHALL BE DONE IN CONFORMANCE AND PROVISIONS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND LAWS.

STORE MATERIALS INSIDE AND PROTECTED FROM DEBRIS, WEATHER AND MOISTURE.

SHOP DRAWINGS

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL, REVISED IF REQUIRED AND RESUBMITTED AS PER COMMENTS PRIOR TO CONSTRUCTION.

ACCEPTANCE OF DEVIATIONS OR SUBSTITUTIONS FROM BASE SPECIFIED ITEMS OR EQUIPMENT SHALL BE REQUESTED IN WRITING AND SHALL BE CONSIDERED AT THE OWNER'S DISCRETION. ANY CHANGES REQUIRED FOR ACCOMMODATION SHALL BE AT NO ADDITIONAL COST.

NATURAL GAS PIPING SYSTEM

UNLESS OTHERWISE NOTED ON THE PLANS, GAS PIPING SHALL BE AS FOLLOWS:

GAS PIPING TO BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON FITTINGS, ASTM A53.

PIPE THREADS TO BE TAPERED AND PIPING SHALL SLOPE TOWARDS EQUIPMENT WITH DRIPS AT LOW POINTS AND EQUIPMENT. ASME B1.20.1

ALL PIPING SHALL BE TESTED IN COMPLIANCE WITH THE NEW YORK STATE GAS CODE AND NFPA 54 WITH ALL DOCUMENTATION OF TESTS SIGNED BY CONTRACTOR. TEST WITH COMPRESSED AIR OR OTHER INERT GAS.

SLOPE PIPING UPWARDS AT A MINIMUM OF 1/4" IN 15'-0" HORIZONTAL PIPE RUN.

HANGERS AND SUPPORT SPACING SHALL BE AS FOLLOWS:
ALL PIPE SIZES AT MAXIMUM 6'-0" SPACING

GAS CONNECTORS TO EQUIPMENT SHALL BE MADE WITH CCST OR OTHER CSA CERTIFIED/UL LISTED FLEXIBLE CONNECTORS.

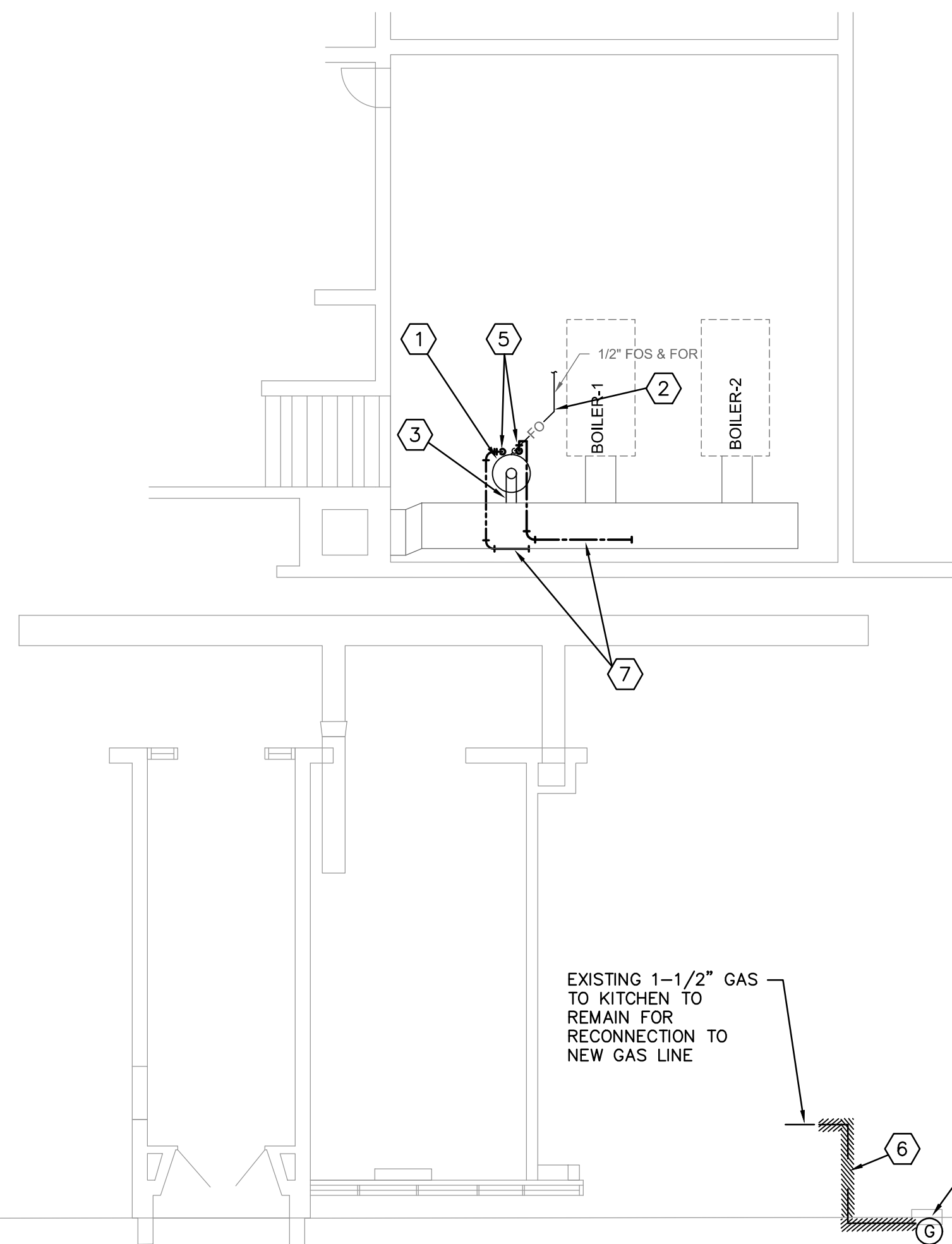
ALL PIPING UP TO 2" SHALL BE THREADED, 2-1/2" AND LARGER SHALL BE WELDED.

VALVING SHALL BE BALL VALVES (BRONZE BODY, BRASS STEM PTFE SEAT) FOR PIPING UP TO 2" AND IRON BODY GAS COCKS (BRASS PLUG AND WASHER) FOR PIPING 2-1/2" AND LARGER. CSA CERTIFIED/UL LISTED.

ALL NEW GAS PIPING SHALL BE PAINTED WITH PRIMER AND TWO COATS YELLOW ENAMEL WITH PIPE LABELS SPACED AT MAXIMUM 6'-0" INTERVALS. LABELS TO INDICATE NATURAL GAS AND GAS PRESSURE.

PLUMBING DEMOLITION KEY NOTES

- 1 EXISTING OIL FIRED WATER HEATER TO BE REMOVED FOR REPLACEMENT. RETAIN EXISTING POWER WIRING FOR REUSE.
- 2 EXISTING FUEL OIL SUPPLY LINE TO BE DISCONNECTED AND REMOVED TO BELOW FINISHED FLOOR. PATCH FLOOR AS REQUIRED.
- 3 EXISTING WATER HEATER VENT AND VENT CONNECTION TO BREECHING TO BE REMOVED. RETAIN CONNECTION FOR REUSE.
- 4 EXISTING WATER HEATER GAS VENT FLUE PIPE TO BE REMOVED FOR REPLACEMENT
- 5 EXISTING WATER PIPING TO BE DISCONNECTED AND RETAINED FOR REUSE/RECONNECTION TO NEW HEATER
- 6 EXISTING 1-1/2" GAS PIPING TO BE REMOVED AS INDICATED
- 7 EXISTING DOMESTIC WATER PIPING TO REMAIN.



1 PLUMBING DEMOLITION FLOOR PLAN
SCALE: 1/8"=1'-0"

PLUMBING EQUIPMENT

WATER HEATER

EXISTING WATER HEATER:

- 1. A.O. SMITH, MODEL #COF 315A940, SERIAL #1026M000339, 84 GALLON STORAGE, RECOVERY RATED AT 263 GPH AT 100F TEMPERATURE RISE, 315,000 BTUH INPUT (BASED ON #2 FUEL OIL).

NEW REPLACEMENT WATER HEATER:

- 1. A.O. SMITH, MODEL #BTR-275, 100 GALLON STORAGE, RECOVERY RATED AT 267 GPH AT 100F TEMPERATURE RISE, 275,000 BTUH (BASED ON NATURAL GAS. PROVIDE 120VAC-3.0A FLA POWER FOR CONTROLS AND IGNITION).
- 2. PROVIDE THE SERVICES OF A FACTORY AUTHORIZED TECHNICIAN FOR INSTALLATION, TESTING AND ADJUSTING. PROVIDE WRITTEN TEST REPORTS WITH ALL SETTINGS AND READINGS RECORDED.

THERMAL EXPANSION TANK

- 1. WESSELS, MODEL #TTA20, 8 GALLON, 3.1 GALLON ACCEPTANCE VOLUME, FLOOR MOUNTED, 3/4" SYSTEM CONNECTION, DIAPHRAGM TYPE (FIXED, NON-REPLACEABLE)

NATURAL GAS PRESSURE REGULATOR

PR-1:

- 1. REGULATOR TO BE AS MANUFACTURED BY SENSUS, MAXITROL, FISHER, OR APPROVED EQUAL. REGULATORS TO BE SIZED FOR 275 MBH, INLET PRESSURE AT 2 PSI, OUTLET PRESSURE AT 7" W.C.. RUN VENT TO EXTERIOR OF BUILDING AND TO ROOF WITH VENT SUPPRESSOR.

PR-2:

- 1. REGULATOR TO BE AS MANUFACTURED BY SENSUS, MAXITROL, FISHER, OR APPROVED EQUAL. REGULATORS TO BE SIZED FOR 330 MBH, (VERIFY WITH KITCHEN EQUIPMENT), INLET PRESSURE AT 2 PSI, OUTLET PRESSURE AT 7" W.C.. RUN VENT TO EXTERIOR OF BUILDING AND TO ROOF WITH VENT SUPPRESSOR.

PLUMBING LEGEND

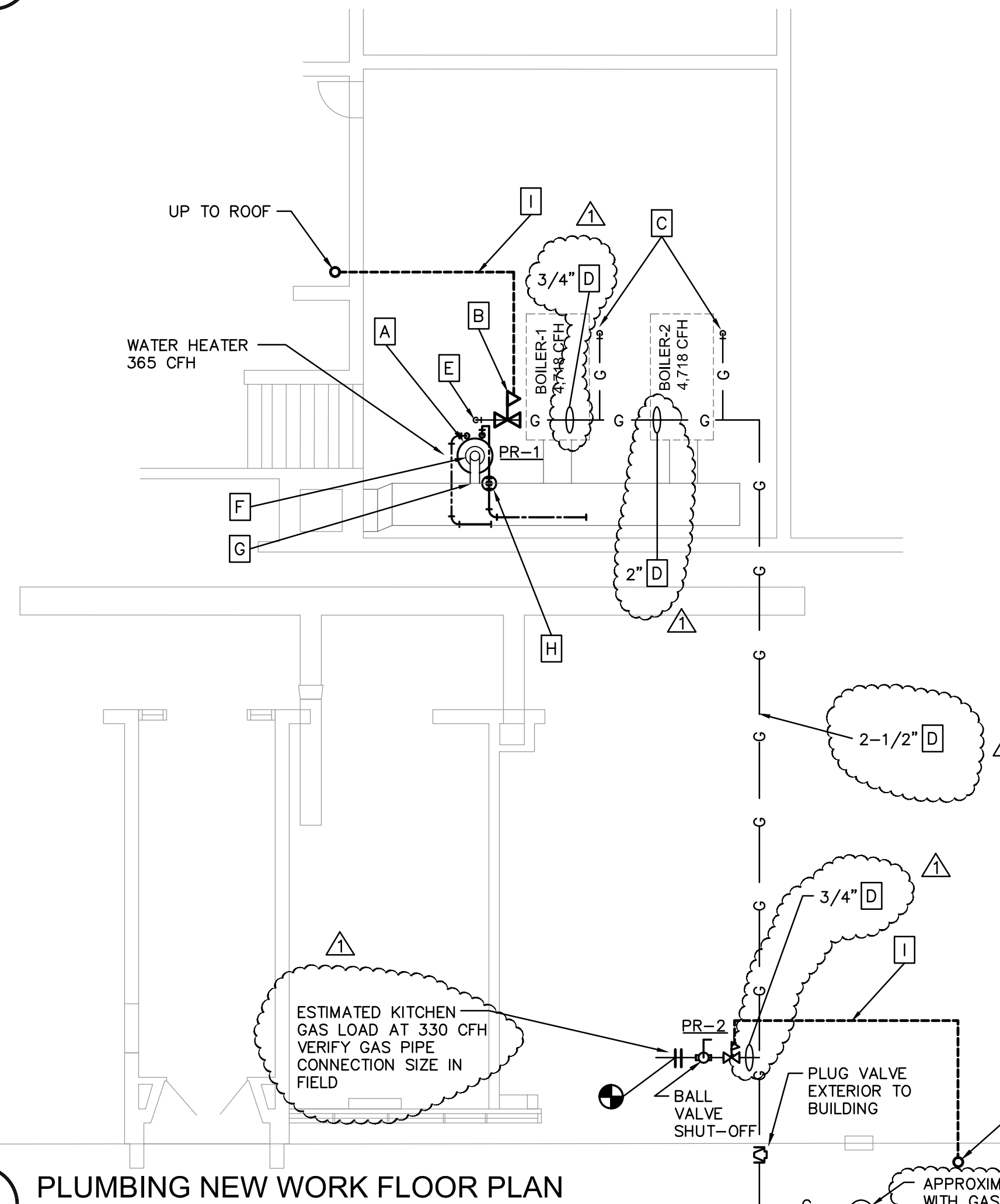
- G — GAS PIPING
- P — PRESSURE REGULATOR VENT PIPE
- C — COLD WATER PIPING
- H — HOT WATER PIPING
- POINT OF CONNECTION—NEW TO EXISTING
- ⚡ PRESSURE REGULATOR

GENERAL NOTES

- 1. COORDINATE WITH MECHANICAL AND CIVIL PLANS FOR EXACT LOCATIONS OF EQUIPMENT AND CONNECTIONS.
- 2. CONTRACTOR TO PROVIDE THE SERVICES OF A LICENSED ELECTRICIAN FOR DISCONNECTION AND RECONNECTION OF POWER WIRING, CONTROL WIRING, AND ANY NEW WIRING, CONDUIT, ETC. REQUIRED FOR EQUIPMENT AND WORK SHOWN ON THE PLANS.

PLUMBING NEW WORK KEY NOTES

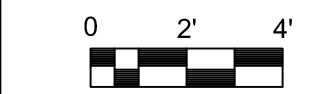
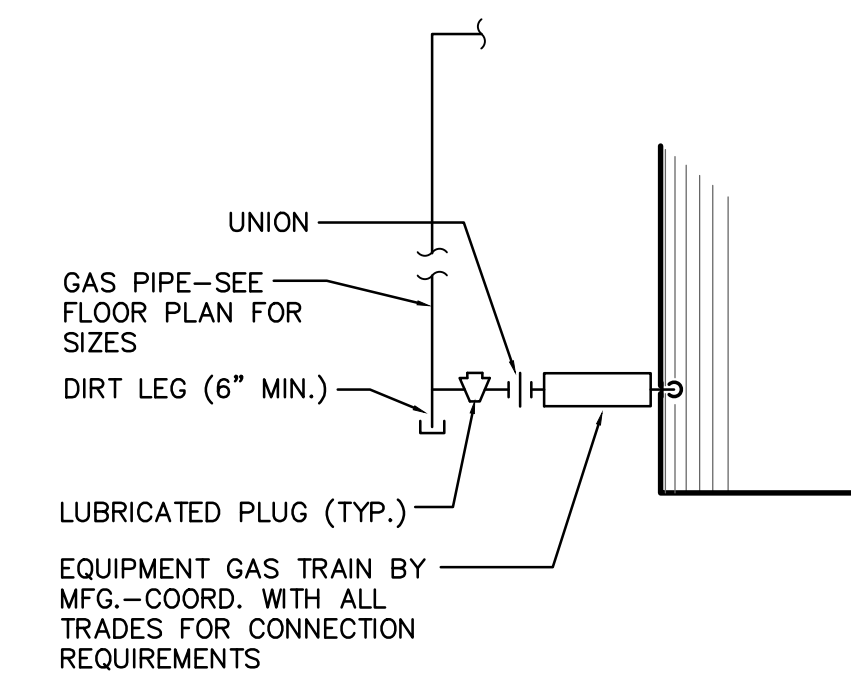
- A PROVIDE NEW WATER HEATER.
- B PROVIDE NEW GAS PRESSURE REDUCING VALVE.
- C PROVIDE 1/2" GAS CONNECTION TO BOILERS
- D NEW GAS LINE RUN AT CEILING HEIGHT FROM METER—VERIFY EXACT ROUTE IN THE FIELD.
- E PROVIDE 1 1/4" GAS CONNECTION TO WATER HEATER.
- F PROVIDE NEW BIOMETRIC DAMPER IN VENT RISER.
- G PROVIDE NEW 8", 24 GAUGE, GALVANIZED SMOKE PIPE.
- H PROVIDE NEW THERMAL EXPANSION TANK IN COLD WATER SUPPLY LINE—VERIFY LOCATION AND CONNECTION POINT IN FIELD.
- I PRESSURE REGULATOR VENT—MIN. 3/4" (VERIFY WITH MFG) AT CEILING HEIGHT.



2 PLUMBING NEW WORK FLOOR PLAN
SCALE: 1/8"=1'-0"

3 GAS EQUIPMENT PIPING DETAIL

P2.1 N.T.S. (TYP. BOILERS AND WATER HEATERS)



NO.	DATE	DESCRIPTION
1	07/23/2015	ADDENDA #1-GAS PIPE SIZES

DESIGNED:	SCALE:	AS NOTED:	ISSUE DATE:	PROJECT NUMBER:	SHEET NUMBER:	SHEET SIZE:
DM			07/06/2015	BR14702.TM	24	24"x36"
DRAWN:			WP			
REVIEWED:			DM			
APPROVED:			RHR			

STAFFORD SCHOOL
212 LOUISIANA AVENUE
BRISTOL, CONNECTICUT

PLUMBING-ELECTRICAL
BOILER ROOM PART
PLANS

DRAWING NAME: I:\2015\15-099 Stafford and Edgewood Schools - Bristol\Drawings\STAFFORD\Plumbing\P2.1.dwg LAYOUT: P2.1 PLOT DATE: Jul 24, 2015 - 7:10am OPERATOR: wjlsch