ADDENDUM NO. 1 PROJECT BI-CTC-455

Date: April 17, 2015

Renovations and Addition to Lafayette Hall

Housatonic Community College

Bridgeport, CT

CLARIFICATIONS

- 1. The pre-bid meeting was convened on Thursday April 9, 2015 at 1:00 PM. See attached pre bid agenda and sign in sheets.
- 2. See pre-bid requests for information and responses to date.
- 3. Replace Section 00 54 00 Prevailing Wage Rates with the attached prevailing wage rates and supporting documents as provided by the State of Connecticut Department of Labor.
- 4. Amenta/Emma Architects Addendum 1 Dated April 16, 2015Clarifications and Sketches are attached.
- 5. M&M Systems Corporation has been accepted as an equal product specific to Section 07 95 00 Expansion Control, see attached approval.
- 6. The deadline for the submission of bid packages for this solicitation remains April 30, 2015 by 2:00 PM at the State Office Building 165 Capitol Ave. Hartford CT Room G-36.

ATTACHMENTS

1.	Addendum 1, Cover Sheet/Clarifications,	1 page
2.	Prebid Sign-In Sheets,	1 page
3.	Pre-Bid Agenda	2 pages
4.	Pre-Bid Request for Information Question and Responses,	3 pages
5.	Section 00 54 00 Prevailing Wages	35 pages
6.	Amenta/Emma Architects Addendum 1	26 pages
7.	M&M Systems Product Approval	1 page

Newfield Construction, Inc. PRE BID SIGN IN APRIL 9, 2015 Renovations and Addition to Lafayette Hall Project No. BI-CTC-455

Please Print Clearly

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Renovations and Addition to Lafayette Hall Housatonic Community College Project No. BI-CTC-455 Pre Bid Meeting Agenda April 9, 2015 1:00 PM

- 1. Sign in.
- Introductions.
- 3. Project description New Addition with phased renovations of existing Lafayette Hall.
- 4. Project award date and construction schedule Award: Summer 2015. Please Refer to Section 00 30 00 for Preliminary Construction Schedule. The schedule identifies major milestones.
- 5. Contract format Newfield is a Construction Manager at Risk. The trade contracts will be held by Newfield Construction, Inc. Refer to Section 00 51 00 for the Form of Agreement between the Construction Manager and Contractor.
- 6. Special Project Conditions See Section 00 52 20 Special Project Requirements for Meetings, Safety, Cleaning, Staffing, Extra Work and Change Order Procedures, Payment Application Procedures, etc.
- 7. Contractor Insurance Requirements- See Section 00 72 23 General Conditions. A Certificate of Insurance must be submitted and approved prior to commencing work.
- 8. Bonds 10% Bid Bond or bid security required. 100% Performance and Payment Bond required from Contractor. Newfield Construction, Inc is the Bond Oblige on all bonds.
- 9. Connecticut Set Aside Program Requirements Each Trade Contractor is to award its sub-contracts and suppliers at a minimum 25% SBE and 6.25% MBE of their total contract price.
- 10. Bidder requirements- Prior experience of no less than 3 similar size projects within five years. Workers Compensation EMR 1.0 or less, including all tiers of subcontractors. All bidders must submit a Contractors Qualification Statement AIA A305 with bid. Current DAS Certificate. Bid Bond. OPM required Forms. See Instructions to Bidders Section 00 02 10 for further clarifications and qualifications.
- 11. Bids are due Thursday, April 30, 2012 by 2:00 PM at the State Office Building Room G-36 165 Capitol Avenue, Hartford, CT.
- 12. Bid Forms- Submit one original and 2 copies of the following fully executed forms:
 - a. Bid Proposal Form. (Section 00 02 40)
 - b. Bid Bond or Bid Security (10%). (Section 00 02 50)
 - c. Contractors Qualification Statement AIA A305. (Section 00 02 60)
 - d. DAS Contractor Prequalification Certificate and Update Statement, as required.
 - e. All required OPM Forms (see section 00 02 10)
- 13. Allowances and Unit Prices Refer to Bid Form (Section 00 02 40) and Bid Packages (Section 00 90 00).
- 14. This is a prevailing wage project certified payrolls to be submitted weekly.
- 15. Bid documents available for purchase plus shipping and sales tax) at ARC Connecticut, 220 Farmington Ave, Farmington, CT 06032. (860) 677-8817.
- 16. Bid documents can be viewed on line at www.cdcnews.com, www.newfieldconstruction.com or hard copy review by appointment only, at Newfield Construction, 225 Newfield Ave., Hartford, CT 06106.
- 17. Taxes- Project is sales tax exempt. All out of state (non-resident) contractors must furnish the Construction Manager with a Certificate of Compliance with Connecticut General Statutes Section 12-

Renovations and Addition to Lafayette Hall Housatonic Community College Project No. BI-CTC-455 Pre Bid Meeting Agenda April 9, 2015 1:00 PM

- 430(7) (Guarantee Bonds for Unemployment Compensation and Sales & Use Taxes) from the Connecticut Department of Revenue Services.
- 18. Permits-The Contractor will obtain the appropriate permit and utility releases. All trades normally requiring permits must obtain permits. Fees will **not** be waived.
- 19. Send all pre bid requests for information to Newfield Construction- Fax or email to Stephen Buccheri at Newfield Construction- Fax: (860) 953-1712, Email:stevebuccheri@newfieldconstruction.com. **The cut off for pre bid inquiries is Thursday, April 23, 2015 5:00 PM.**
- 20. Additional pre bid inspections of the job site for bidders and vendors is scheduled for Thursday April 16th, 1:00 PM to 4:00 PM at Lafayette Hall and April 23rd 1:00 PM to 4:00 PM at Lafayette Hall. Assemble adjacent to the front desk. Do not walk the building without the guidance of a Newfield representative. The Newfield representative can be contacted at (860) 509-3023.
- 22. The State of Connecticut is following LEED point ratings (see Division 0) all Trade Contractors to adhere to submittal and installation requirements.
- 23. Questions and answers.
- 25. Building and site tour available after pre-bid.

ADDENDUM NO. 1 Prebid Requests for Information Questions and Responses April 17, 2015

Renovations and Addition to Lafayette Hall Housatonic Community College Bridgeport CT Project No. BI-CTC-455

Questions (Responses in Italics):

- 1. A question Supplemental Bids and supplemental phases of the project? To clarify the construction is broken into phases of the project which are described is Section 00 30 00 B which will include some off hour work. Further to this there are supplemental bids which appear on the bid form and are more fully described in Section 01 23 13.
- 2. A question was asked as to how a bid package like 09C Acoustical meet the project SBE/MBE requirements? Each trade contractor add their associated bid package are responsible to fulfill the SBE/MBE requirements. The acoustical can use subcontractors for labor and or material portions to achieve the requirements. If a trade contractor is already an SBE/MBE then the SBE/MBE requirements would be considered fulfilled.
- 3. Is there any onsite parking? No onsite parking or material lay down will be provided. This is an urban site which will require coordination of both manpower and material to and from the site.
- 4. Where will temporary partitions be located? **Temporary partitions are located on both the phase drawings and the Drawing G2.04.**
- 5. Who will remove existing Art work? The College will remove existing Artwork.
- 6. Why is the demolition specification listed in multiple bid packages? Selective demolition is included in multiple bid packages to address transitions between new work and existing conditions.
- 7. Who provides dumpsters for demolition? *The demolition contractor provides his own dumpsters.*
- 8. Who is the currant fire alarm vendor? *USI Integrate, contact person will be provided upon request.*
- 9. Drawing A2.13 calls for Frame Type XX with door #L200B to be fire rated. Door schedule A4.02 show non-rated at L200B, which is correct? *Door schedule is correct, no rating required. Storefront Type XX shall be Storefront type SF-1 and all panels shall be glazing type GL-1.*

- 10. Section 084123(2.1) calls for a frame type SF-5 to be rated. We do not see a SF-5 on sheets A2.10-2.13, please advise? **SF-5 is not required and shall be deleted from the specifications.**
- 11. Please confirm wood doors are pre-glazed? Glazing for interior wood doors to be provided by specification sections 088000 and 081416, Bid Package BP 08.

 Coordinate between sections as necessary for complete installation, compliant with all indicated fire ratings.
- 12. Regarding glass doors type L and Q; Is there a specification for these doors, (full shoes, patch fittings), what is the finish required? Glass doors will be provided with patch fittings-coordinate with scheduled door hardware. Finish to be US26D/US32D to match remainder of hardware specified within section 087100.
- 13. Drawing A1.31a should the frame marked AA in room L408C be type PP. **No frame** marked type AA is similar to type UU. Frame dimensions are indicated on detail 23/A8.41.
- 14. Please confirm railing glass is by others. *Railing glass is furnished and installed under Bid Package 05 Metals.*
- 15. Section 084113 2.4(A) calls for a 2" thick door. O84413 2.5(A) calls for 1 ¾" thick, which one is correct? 2" overall thickness, with minimum 0.188" thick rail and stile members indicated in section 084113 is correct. Requirements of section 084413 shall be revised to match.
- 16. Regarding detail 18 on A3.42 who supplies the ¾" plywood? *The interior ¾" fire retardant plywood is furnished and install under General Trades BP 02B.*
- 17. Detail 15 on A3.42 shows galvanized steel surround by 084113. Head does not show this. Confirm this is by this bid package also only occurs at sill. Also Detail 18 on A3.44 shows this by section 055000 which it should be. Please advise? Galvanized steel plate window surround shall be by section 055000 unless otherwise indicated to be provided by Steel BP 05 (example 27/A3.43). Reference in detail 15A3.42 is incorrect and shall be updated to 055000.
- 18. Reference is made to Bid Package BP 05 Steel, please clarify the intent of note 01.19. The note is meant for the steel trade contractors to determine and carry the cost there of any traffic control required to bring cranes and trailers into and out of the site. Trailers will not be allowed to be stored on site due to site constraints, trailers will need to be marshaled off site and brought to the site unloaded and taken away immediately. Material trailers will not be allowed along Lafayette Street unless the Steel contractor has made all required arrangements with authorities having jurisdictions. The site trade contractor will make a lane closure as indicated on the logistic plan, if the lane closure needs to be modified to accommodate crane or trailer movements it will be the responsibility of the steel trade to make these arrangements and pay for them accordingly.

- 19. In Bid package 09A Drywall note 1.10 revise numerical hours to read (150) carpenter hours and (150) labor hours.
- 20. In Bid package 09A Drywall note 1.16 revise the fifth sentence to read; the drywall contractor shall include cutting and patching in *existing* plaster or drywall walls for all trades.
- 21. How many temporary toilets are required on the project, as required by Bid Package 02B General Trades? *Per OSHA 1 toilet is required for every 10 people on the project.*
- 22. How many trash chutes are required, as indicated in General Trades Bid Package 02B Scope item 01.20? The general trade contractor is to carry two (2) trash chutes for the project final locations to be determined.
- 23. General Trade Package 02B Scope Item 01.17 includes temporary weather protection of glazed opening, but Bid Package 08 Glass and Glazing Scope Item 01.22 assigns this same scope of work. We assume this item is to be provided in Bid Package 08, confirm? To clarify temporary protection for openings is to be provided by the General Trades Contractor, once the Glass and Glazing Contractor mobilizes the project and begins framing their system they will be responsible to modify, add and/or supplement this temporary protection including installing protection within their framing systems.

FURTHER ANSWERS TO PRE-BID QUESTIONS APPEAR IN ADDENDUM 1
CLARIFICATIONS PROVIDED BY AMENTA/EMMA ARCHITECTS

Minimum Rates and Classifications for Building Construction

ID#: B 20438

Connecticut Department of Labor Wage and Workplace Standards Division

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: BI-CTC-455 Project Town: Bridgeport

State#: FAP#:

CLASSIFICATION	Hourly Rate	Benefits
1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings	35.75	28.82
1b) 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 7**		
2) Boilermaker	35.24	25.01

110,000.		-
3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	32.50	28.74 + a
3b) Tile Setter	33.75	24.21
3c) Terrazzo Mechanics and Marble Setters	31.69	22.35
3d) Tile, Marble & Terrazzo Finishers	26.26	20.69
3e) Plasterer	32.50	29.45
LABORERS		

Project: Renovations And Addition To Lafayette Hall At Housatonic Community College				
4) Group 1: Laborers (common or general), acetylene burners, carpenter tenders, concrete specialists, wrecking laborers, fire watchers.	27.05	17.80		
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofer/mixer/nozzleman (Person running mixer and spraying fireproof only)	27.30	17.80		
4b) Group 3: Jackhammer Operators/Pavement Breaker, mason tender (brick) and mason tender (cement/concrete)	27.55	17.80		
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections) P6 and P7 rate is \$26.80	27.30	17.80		
4d) Group 5: Air track operators, Sand blasters	27.80	17.80		
4e) Group 6: Nuclear toxic waste removers, blasters	30.05	17.80		

Project: Renovations And Addition To Lafayette Hall At Housatonic Community College				
4f) Group 7: Asbestos/lead removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped)	28.05	17.80		
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew	27.55	17.80		
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew	27.05	17.80		
4i) Group 10: Traffic Control Signalman	16.00	17.80		
5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	31.00	22.50		
5a) Millwrights	31.60	22.75		

Project: Renovations	And Addition To	Lafayette Hall A	At Housatonic	Community College
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6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	37.27	22.25 + 3% of gross wage
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	47.96	28.385+a+b
LINE CONSTRUCTION		
Groundman	24.37	6.5%+10.04
Linemen/Cable Splicer	44.30	6.5%+17.70
8) Glazier (Trade License required: FG-1,2)	34.58	18.55
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9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	34.47	29.74 + a
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. and over. (Trade License Required)	36.80	22.30 + a
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)	36.48	22.30 + a
Group 3: Excavator; Backhoe/Excavator under 2 cubic yards; Cranes (under 100 ton rated capacity), Grader/Blade; 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)	35.74	22.30 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).	35.35	22.30 + a

Group 5: Specialty Railroad Equipment; Asphalt Paver; 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)	34.76	22.30 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine.	34.76	22.30 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	34.45	22.30 + a
Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell).	34.11	22.30 + a
Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; bower stone spreader; welding; work boat under 26 ft.; transfer machine.	33.71	22.30 + a
Group 9: Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; andscape equipment (including Hydroseeder).	33.28	22.30 + a

Project: Renovations And Addition To Lafayette Hall At Housatonic	Communi	ty College
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	31.24	22.30 + a
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer),	31.24	22.30 + a
robot demolition equipment.	31.27	22.30 T a
Group 12: Wellpoint operator.	31.18	22.30 + a
Group 13: Compressor battery operator.	30.60	22.30 + a
Group 14: Elevator operator; tow motor operator (solid tire no rough errain).	29.46	22.30 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Velding Machine Operator; Heater Operator.	29.05	22.30 + a

Project: Renovations And Addition To Lafayette Hall At Housatonic	Communi	ty College
Group 16: Maintenance Engineer/Oiler.	28.40	22.30 + a
Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	30.60	22.30 + a
Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	30.29	22.30 + a
PAINTERS (Including Drywall Finishing)		
10a) Brush and Roller	31.02	18.55
10b) Taping Only/Drywall Finishing	31.77	18.55

e Communi	ty College
31.52	18.55
34.02	18.55
40.31	26.82
33.01	19.40 + a
38.50	14.25
37.00	14.25
	34.02 40.31 38.50

Project: Renovations And Addition To Lafayette Hall At Housatonic	Community	College
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	43.41	33.85
16) Pipefitter (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)	40.31	26.82
TRUCK DRIVERS		
17a) 2 Axle	28.33	19.14 + a
17b) 3 Axle, 2 Axle Ready Mix	28.43	19.14 + a
17c) 3 Axle Ready Mix	28.48	19.14 + a

Project: Renovations And Addition To Lafayette Hall At Housatonic	Communit	ry College
17d) 4 Axle, Heavy Duty Trailer up to 40 tons	28.53	19.14 + a
17e) 4 Axle Ready Mix	28.58	19.14 + a
17f) Heavy Duty Trailer (40 Tons and Over)	28.78	19.14 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	28.58	19.14 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	39.76	19.87 + a
19) Theatrical Stage Journeyman	25.76	7.34

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 \$1.00 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 journeyperson instructing and supervising the work of each apprentice in a specific trade.

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. 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.

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

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

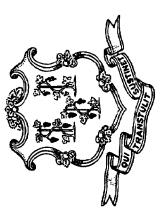
All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

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.





THIS IS A PUBLIC WORKS PROJECT

Covered by the

PREVAILING WAGE LAW

CT General Statutes Section 31-53

If you have QUESTIONS regarding your wages **CALL (860) 263-6790** Section 31-55 of the CT State Statutes requires every contractor or subcontractor performing work for the state to post in a prominent place the prevailing wages as determined by the Labor Commissioner. 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.

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 ULTMATELY ARISE CONCERNIG 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.

- 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.

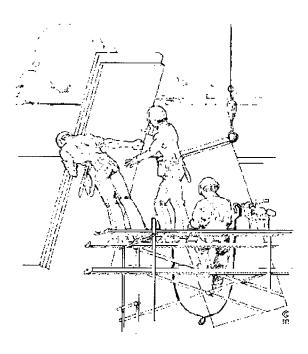
~NOTICE~

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	S
	l representative		title
for		, located at	
con	tracting agency	-	address
do hereby co	ertify that the total	dollar amount of work to be done in	n connection with
		, located at	
proje	ect name and numb		address
shall be \$		which includes all work, regardless	s of whether such project
consists of o	one or more contrac	ets.	
		CONTRACTOR INFORMATIO	V
Name:			
Address:			
Authorized l	Representative:		
Approximate	e Starting Date:		
Approximate	e Completion Date	:	
	-		
S	ignature		Date
Return To:	-	partment of Labor	
		lace Standards Division	
	Contract Compl		
	200 Folly Brook Wethersfield, C'		
	Wentersheid, C	1 00107	
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, Autl	norized Rep.	Company Name
do hereby certify that the _		
		Company Name
		Street
-		City
and all of its subcontractor	s will pay all work	ers on the
	Project Name and	d Number
	Street and City	
the wages as listed in the seattached hereto).	chedule of prevailir	ng rates required for such project (a copy of which
		Signed
Subscribed and sworn to be	efore me this	day of
	-	Notary Public
Wage & W 200 Folly B	t Department of La orkplace Standards Brook Blvd. ld, CT 06109	
Rate Schedule Issued (De	ate):	

[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.

WWS-CP1																				RACE*		PERSON/WORKER, APPR MALE/	TATROLL NUMBER Week-Ending Date	_	CONTRACTOR NAME AND ADDRESS:		shall be submitted monthly to the contracting agency.	Certified Payrolls with a statement of compliance	THE ACCOLUMNATE WITH CONTROLLING OFFICE AT DIRECTORS, 21-22
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*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 provide	ed:
1) Medical or hospital care	4) Disability
2) Pension or retirement	5) Vacation, holiday
3) Life Insurance	6) Other (please specify)
CERTIFIED S	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:	
	have been paid the full weekly wages earned by them during General Statutes, section 31-53, as amended. Further, I
a) The records submitted are true	and accurate;
contributions paid or payable on be defined in Connecticut General St of wages and the amount of paym person to any employee welfare for subsection Connecticut General S less than those which may also be	
c) The Employer has complied w section 31-53 (and Section 31-54	rith all of the provisions in Connecticut General Statutes, if applicable for state highway construction);
	y a worker's compensation insurance policy for the duration of overage has been provided to the contracting agency;
gift, gratuity, thing of value, or co indirectly, to any prime contractor employee for the purpose of impro	kickbacks, which means any money, fee, commission, credit, impensation of any kind which is provided directly or r, prime contractor employee, subcontractor, or subcontractor operly obtaining or rewarding favorable treatment in or in connection with a prime contractor in connection with a contractor; and
f) The Employer is aware that filir felony for which the employer ma five years or both.	ng a certified payroll which he knows to be false is a class D by be fined up to five thousand dollars, imprisoned for up to
	copy of the construction safety course, program or extified payroll required to be submitted to the contracting persons name first appears.
(Signature)	(Title) Submitted on (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.

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OSHA 10 ~ATTACH CARD TO 1ST CERTIFIED PAYROLL

*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:	
Medical or hospital care Blue Cross	4) Disability
2) Pension or retirement	5) Vacation, holiday
3) Life Insurance Utopia	6) Other (please specify)
CERTIFIED STATEM	MENT OF COMPLIANCE
For the week ending date of 9/26/09	,
I, Robert Craft of XYZ Corp.	oration , (hereafter known as
Employer) in my capacity as Owner	
Section A:	
All persons employed on said project have been the week in accordance with Connecticut General Shereby certify and state the following: a) The records submitted are true and according to the state of the said and according to the said according to the sai	
contributions paid or payable on behalf of defined in Connecticut General Statutes, sof wages and the amount of payment or comployee to any employee welfare fund, as	c, laborer or workman and the amount of payment or each such employee to any employee welfare fund, as section 31-53 (h), are not less than the prevailing rate attributions paid or payable on behalf of each such a determined by the Labor Commissioner pursuant to section 31-53 (d), and said wages and benefits are not by contract;
c) The Employer has complied with all of section 31-53 (and Section 31-54 if applica	the provisions in Connecticut General Statutes, ble for state highway construction);
	covered by a worker's compensation insurance which proof of coverage has been provided to the
gift, gratuity, thing of value, or compensati indirectly, to any prime contractor, prime c employee for the purpose of improperly ob	ection with a prime contractor in connection with a
	fied payroll which he knows to be false is a class D d up to five thousand dollars, imprisoned for up to
agency for this project on which such employed	ayroll required to be submitted to the contracting c's name first appears.
Robert Craft OWA (Signature) (Tit	$\frac{10/3/09}{\text{Submitted on (Date)}}$
Section B: Applies to CONNDOT Projects ONI That pursuant to CONNDOT contract requirem listed under Section B who performed work on t wage requirements defined in Connecticut Gene	ents for reporting purposes only, all employees his project are not covered under the prevailing ral Statutes Section 31-53.
Robert Craft ower. (Signature) (Tit	$\frac{10/3/09}{\text{Submitted on (Date)}}$
(Signature) (Tit	e) Submitted on (Date)

Note: CTDOL will assume all hours worked were performed under Section A unless clearly delineated as Section B WWS-CP1 as such. Should an employee perform work under both Section A and Section B, the hours worked and wages paid must be segregated for reporting purposes.

THIS IS A PUBLIC DOCUMENT

DO NOT INCLUDE SOCIAL SECURITY NUMBERS



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OCCUPATIONAL CLASSIFICATION BULLETIN

Employers

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. RESILEINT 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

ates 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, facia, 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 contact 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
- · 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

200 Folly Brook Boulevard, Wethersfield, CT 06109 / Phone: 860-263-6000

Home | CT.gov Home | Send Feedback<%end if%><%if chool (request.Cookles(Application("HOME_NAME"))("AA"))=true and request.Cookles(Application ("HOME_NAME"))("CA")<>"CF63CBC" then call Session_WriteString(" | Admin') end if%>

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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.

One Landmark Square 32 Warren Street Stamford, CT 06901 203.348.0767

Cambridge, MA 02141 617.492.3662

AMENTA EMMA

ARCHITECTS

Design. Precisely.

ADDENDUM #1

Renovations and New Addition to Lafayette Hall Housatonic Community College Bridgeport, Connecticut

DCS Project Number: BI-CTC-455-CMR

April 16, 2015

Prepared by Amenta|Emma Architects, PC

This addendum is issued to show corrections, revisions and clarifications to the BID Documents Submission for the Renovations and New Addition to Lafayette Hall at Housatonic Community College, dated March 6, 2015.

Clarifications:

N/A

Modifications to the Drawings:

Sheet LP5.00:

Detail D: REVISE size of washed stone border material as indicated on sketch AD1-LP2.

Sheet LP6.00:

Detail 2: CLARIFY wood seat material and attachment as indicated on sketch AD1-LP1.

Sheets G2.04, G2.11, G2.12, G2.13 & G2.14:

ADD key plans to sheets to clarify location of work.

Sheet A1.31a:

Detail 28: REVISE window type on West wall of Printmaking L408C from 'AA' to 'UU' Sim.

Sheet A1.41:

- Detail 25: ADD crickets on East and West edge of Vestibule VB-1 roof to direct water to scuppers and ADD stainless steel link chain to direct water to grade as indicated in sketch AD1-A4.
- <u>Detail 8:</u> **REVISE** flashing termination at existing coping to surface mounted as indicated in sketch AD1-A5.

Sheet A2.13:

Detail 25: ADD (4'-0" @ SIM.) for horizontal dimension of framing, ADD (4'-4" @ SIM) for vertical dimension of framing and ADD (3'-10" @SIM) for sill height.

 <u>Detail 27:</u> REVISE Interior Storefront Type 'XX' from storefront type SF-4 to SF-1 and glazing type from GL-5A to GL-1.

Sheet A3.06:

 <u>Detail 1:</u> **REVISE** profile of bench and clarify exposed edge treatment as indicated on sketch AD1-A2.

Sheet A3.42:

- <u>Detail 15:</u> **REVISE** "Galvanized steel window surround, 08 41 13, with high-performance coating, 09 96 00" to "Galvanized steel window surround, 05 50 00, with high-performance coating, 09 96 00".
- <u>Detail 25:</u> REVISE "Exterior entrance floor grating, 12 48 19" to "Entrance Floor Grille, 12 84 16."
 Refer to sketch AD1-A1.

Sheet A5.07:

- <u>Detail 17:</u> **CLARIFY** roof tie-off anchor installation requirements as indicated on sketch AD1-A3.
- <u>Detail 27:</u> CLARIFY blocking and pitching of and related to built-in gutter as indicated on sketch AD1-A6.

Sheet S2.04:

- Fourth Floor Framing Plan: CLARIFY HSS column requirements as indicated on sketch AD1-S1.
- Fourth Floor Framing Plan: CLARIFY connection at K/2 as indicated on sketch AD1-S1.

Sheet S2.05:

- Roof Framing Plan: CLARIFY HSS column requirements as indicated on sketch AD1-S2.
- Roof Framing Plan: CLARIFY connection at K/2 as indicated on sketch AD1-S2.

Sheet S3.04:

- <u>Micropile Cap Detail General Notes:</u> REVISE note number 3 to coordination with specification as indicated on sketch AD1-S4.
- <u>Micropile Cap Detail General Notes:</u> REVISE note number 5 to coordination with specification as indicated on sketch AD1-S4.

Sheet S5.00:

• Column Schedule: CLARIFY connections at top of columns at K/2, L/3 (1'-8 ¾") and J-3 (1'-8 ¾") as indicated on sketch AD1-S3.

Sheet P4.01:

• <u>Plumbing Fixture & Equipment Schedule:</u> **REVISE** faucet model number and description as indicated on attached sheet P4.01.

Modifications to the Specifications:

Division 0, Section 00 30 00_D STRUCTURAL NARRATIVE:

 CLARIFY reinforcing requirements for CMU at fire wall on page 4 of the narrative as included within the attached specification section.

Division 6, Section 06 20 23 INTERIOR FINISH CARPENTRY:

- **REPLACE** paragraph 2.2, A in its entirety with paragraph 2.2, A as included within the attached specification section.
- REPLACE paragraph 2.3, in its entirety with paragraph 2.3 as included within the attached specification section.

Division 7, Section 07 72 00 ROOF ACCESSORIES:

 REPLACE paragraph 2.5 in its entirety with paragraph 2.5 as included within the attached specification section.

Division 7, Section 07 95 00 EXPANSION CONTROL:

ADD The following paragraph 2.3, A, 4:
 4. MM Systems Corporation.

Division 8, Section 08 41 23 FIRE RATED ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS:

• **DELETE** "and SF-5" from paragraph 2.1, A.

Division 8, Section 08 44 13 Glazed Aluminum Curtain Walls:

REVISE paragraph 2.5, A, 1 to read "2-inch" in lieu of 1-3/4-inch and "0.188-inch-thick" in lieu of 0.125-inch-thick.

Division 9, Section 09 22 16 Non-Structural Metal Framing:

• **REVISE** minimum base-metal thickness indicated in paragraph 2.2, C, 1, a and 2.2, F, 1 to 0.033 inch.

Division 32, Section 32 11 16.16 Washed Stone Drip Edge:

REVISE size and color of washed stone border material indicated in paragraph 2.1, A, 1 to "3/8" –
1/2"inch.

Attachments:

DRAWINGS:

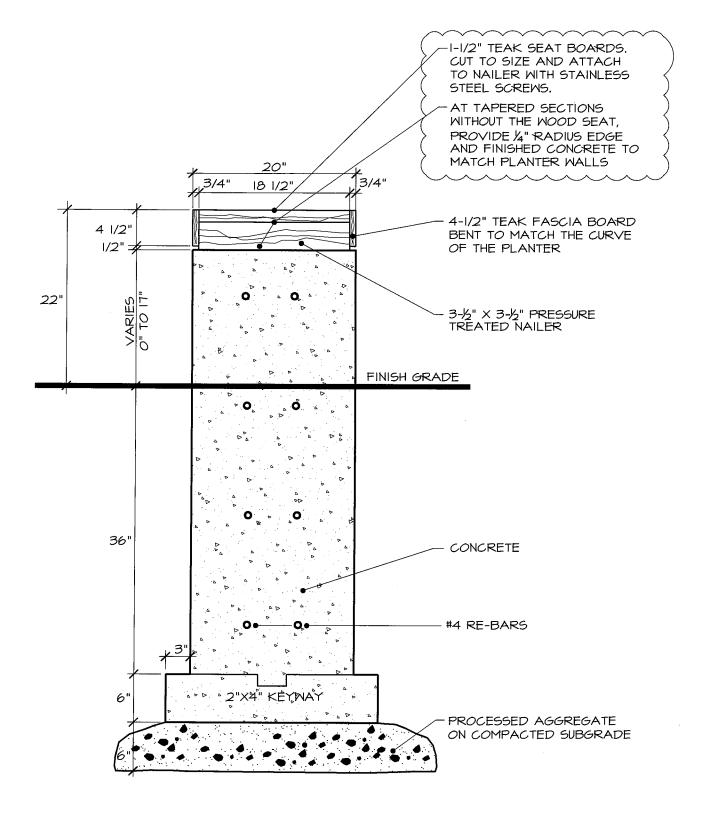
- Sketch AD1-LP1
- Sketch AD1-LP2
- G2.04
- G2.11
- G2.12
- G2.13
- G2.14
- Sketch AD1-A1
- Sketch AD1-A2
- Sketch AD1-A3
- Sketch AD1-A4
- Sketch AD1-A5
- Sketch AD1-A6
- Sketch AD1-S1
- Sketch AD1-S2
- Sketch AD1-S3
- Sketch AD1-S4

• P4.01

SPECIFICATION SECTIONS:

- 00 30 00_D "Structural Narrative", page 4
- 06 20 23 "Interior Finish Carpentry", page 3
- 07 72 00 "Roof Accessories", page 6
- 32 11 16.16 "Washed Stone Drip Edge", page 2

End of Addendum





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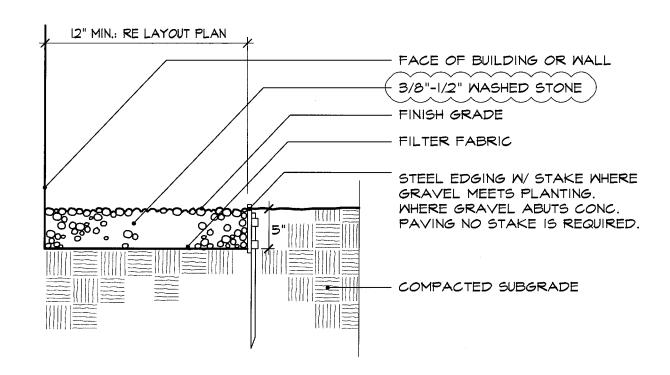
HOUSATONIC COMMUNITY COLLEGE: RENOVATIONS & ADDITION TO LAFAYETTE HALL

SHEET TITLE

AD1-LP1

DCS PROJECT # BI-CTC-455 DATE 04.15.2015 DRAWN BY GRIJHT SCALE Not to Scale REVISION TO 2/LP6.00 PREPARED BY CR3, LLP

AMENTA EMMA





Washed Stone Paving

Not to Scale

STATE OF CONNECTICUT **DEPARTMENT OF CONSTRUCTION SERVICES DIVISION OF CONSTRUCTION SERVICES**

HOUSATONIC COMMUNITY COLLEGE: RENOVATIONS & ADDITION TO LAFAYETTE HALL SHEET TITLE

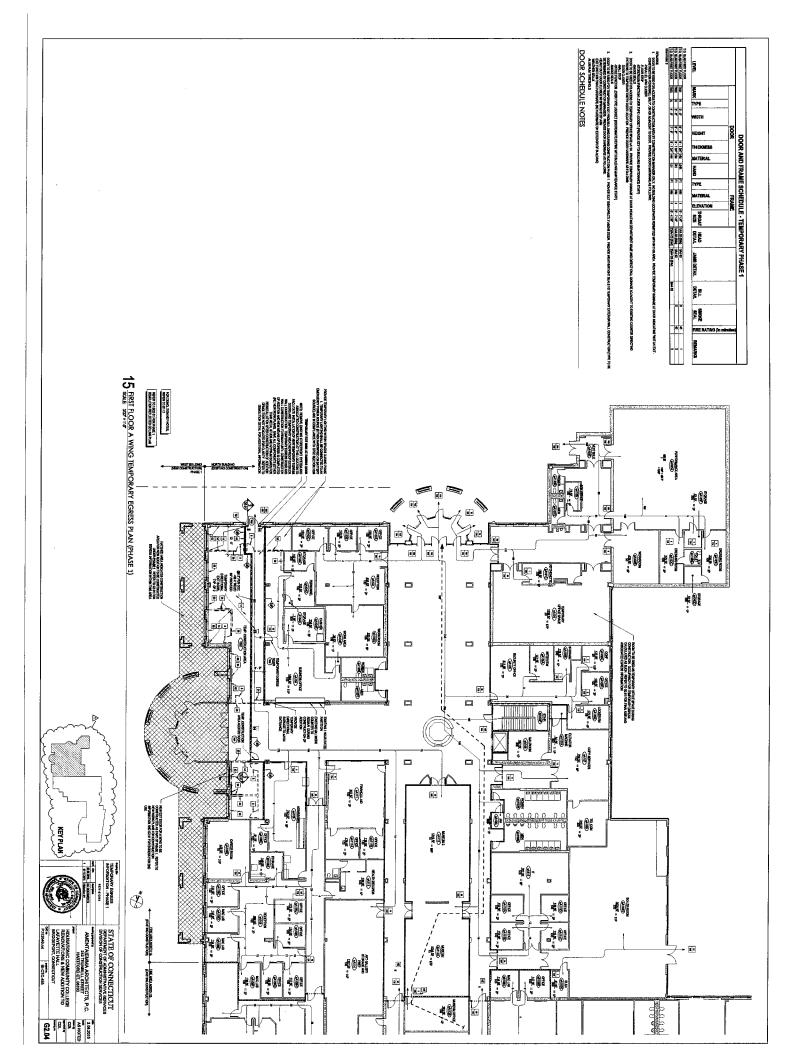
AD1-LP2

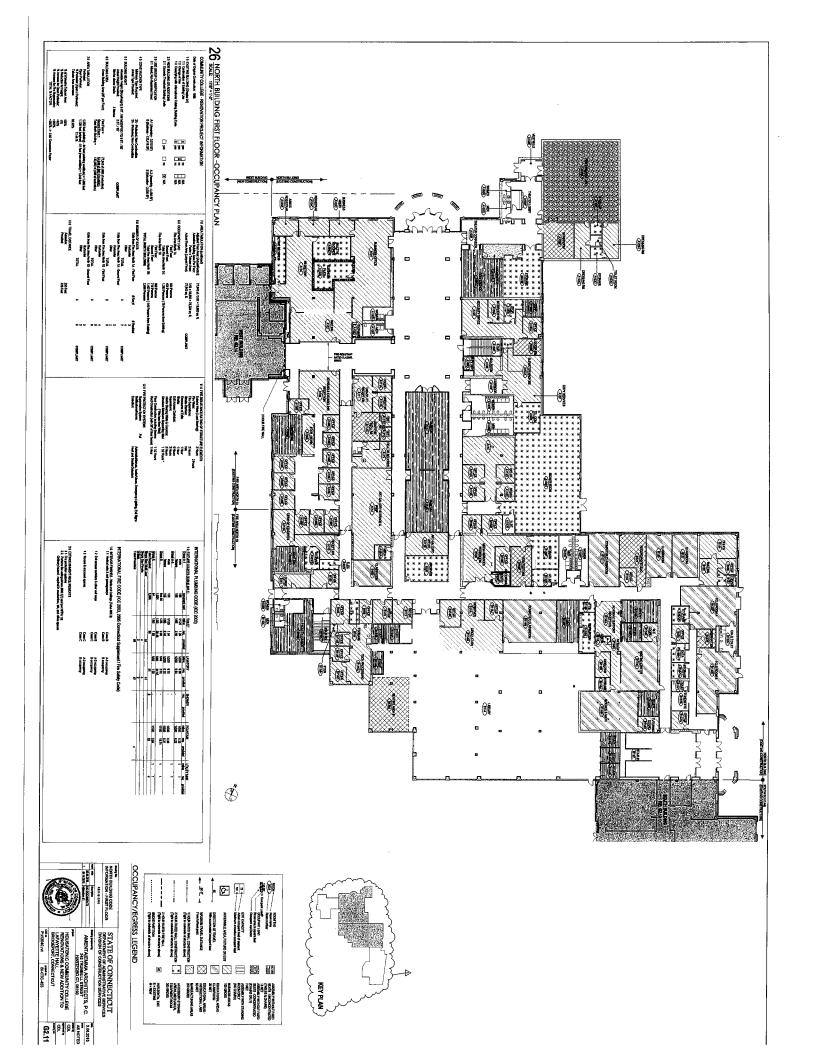
DCS PROJECT # BI-CTC-455
AEA PROJECT # 12040

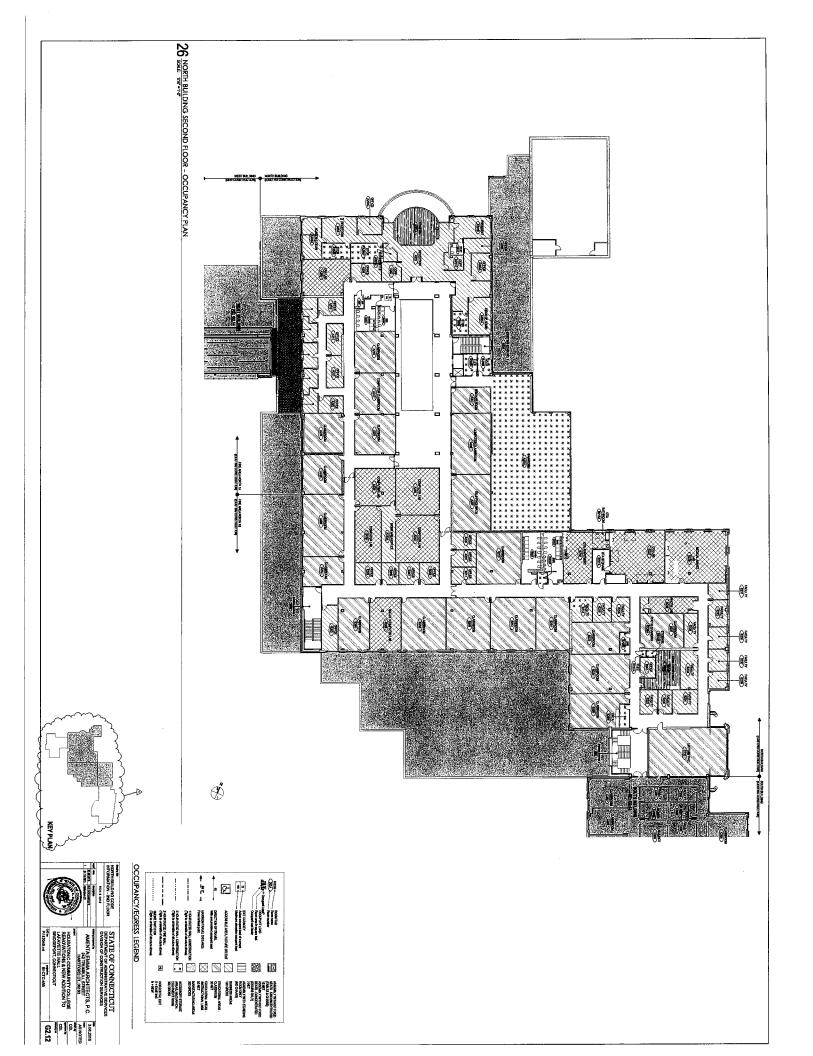
DATE 04.15.2015

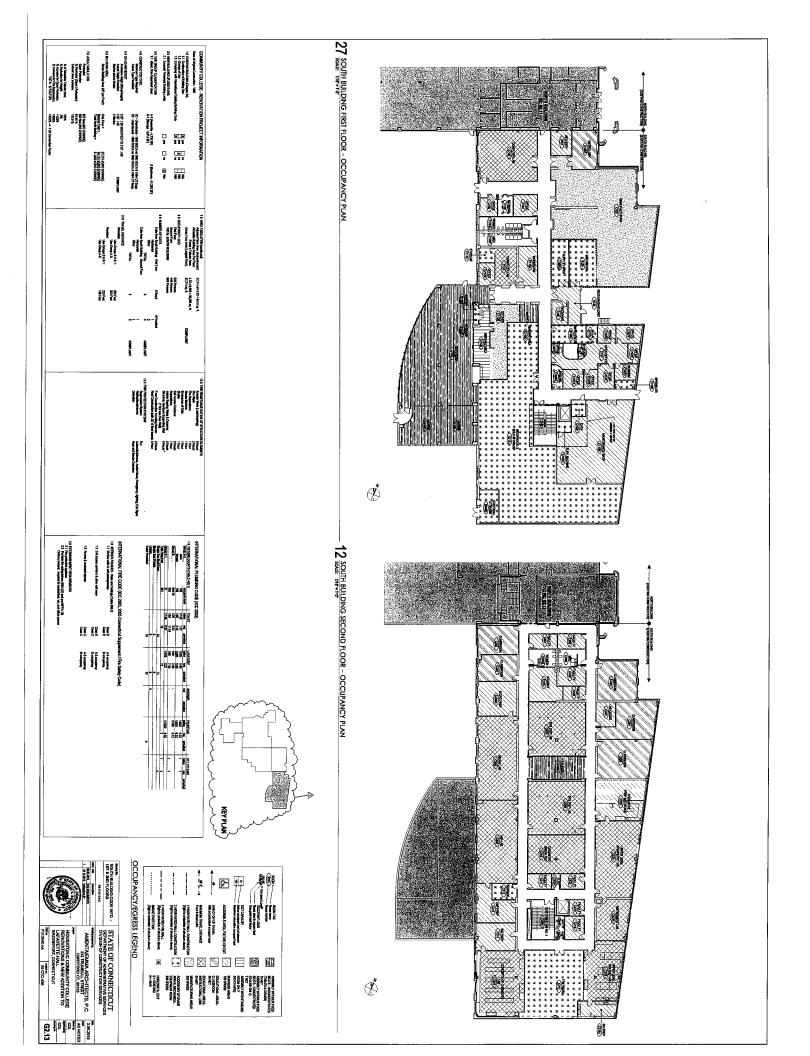
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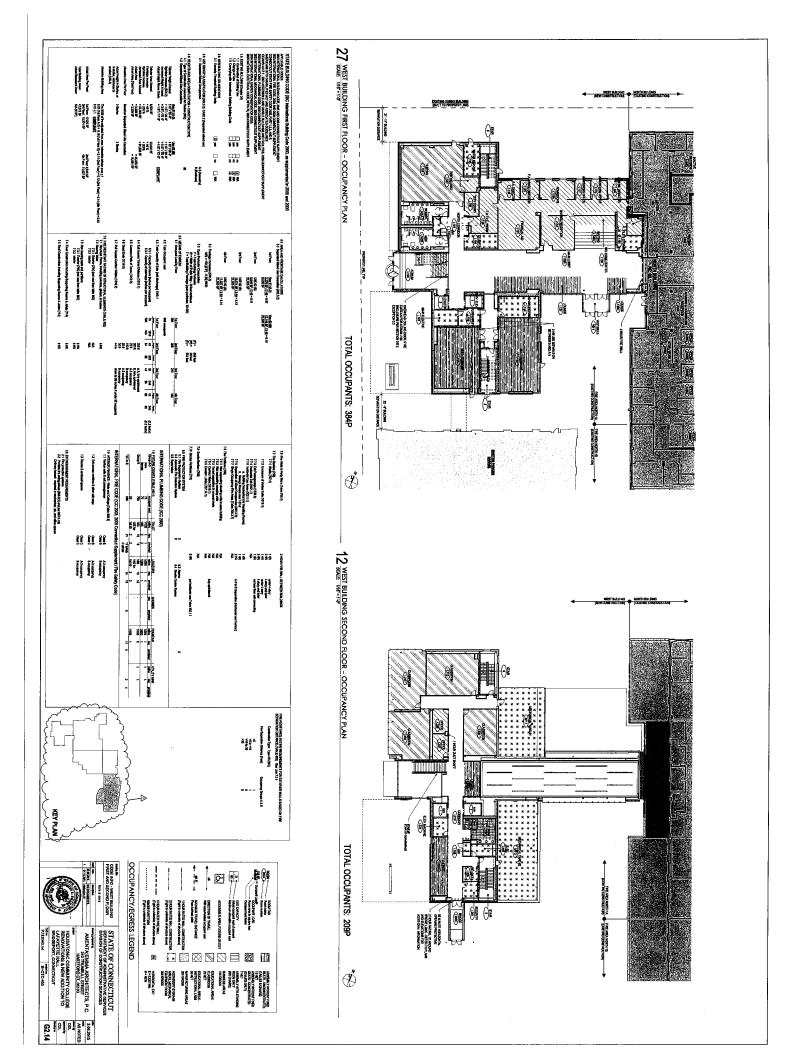
AMENTA EMMA

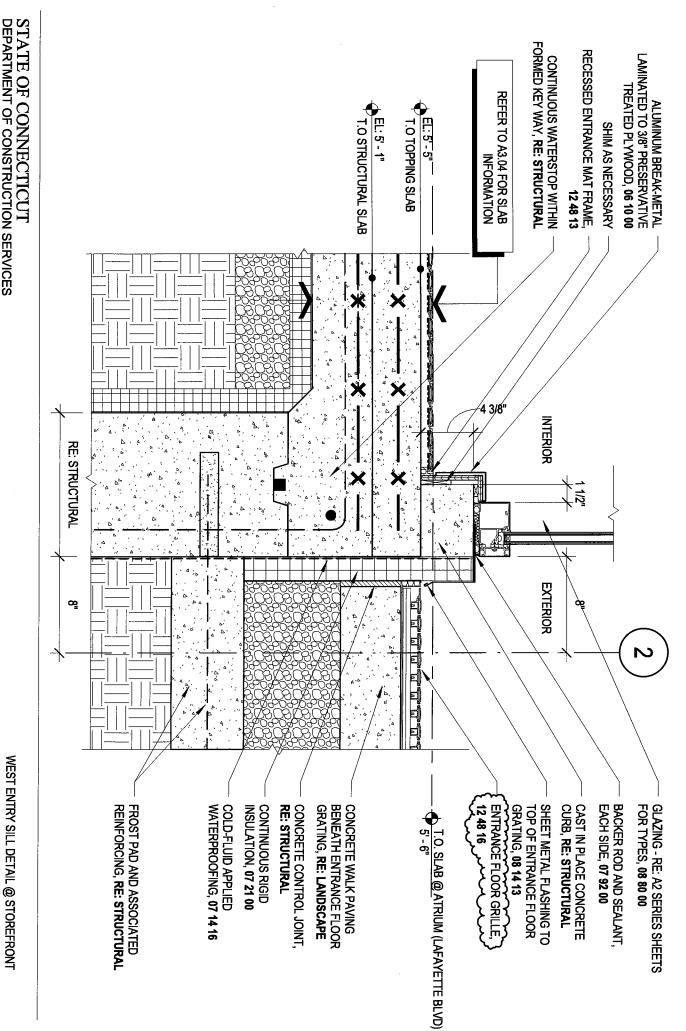












HOUSATONIC COMMUNITY COLLEGE: DEPARTMENT OF CONSTRUCTION SERVICES DIVISION OF CONSTRUCTION SERVICES

RENOVATIONS & ADDITION TO LAFAYETTE HALL

DCS PROJECT # BI-CTC-455 DATE 04/15/2015 DRAWN BY CDL

SCALE 112"=1:0" REVISION TO 25/43.42 PREPARED BY AMENTAJEMMA

AD1-A1

1' - 2" 1' - 6" **PARTITION** OF TUBE & 21/2" 1' - 10 1/4" STEEL PLATE ANCHORED TO HSS FRAMING AT 24" O.C. MIN, 05 50 00 ALUMINUM CHANNEL BASE, 09 29 00 CONTINUOUS HSS 05 50 00 BLOCKING BETWEEN STEEL TUBES, 06 10 00 EDGES TO BE SANDED AND FINISHED. WITH STAINED FINISH, 09 93 00. EXPOSED 06 20 23 EXPOSED EDGES OF BENCH BACK, MATCH WALL COLOR, 07 92 00
PROVIDE LOCK MITER JOINT AT HSS POST AT 24" O.C. 05 50 00 PROVIDE LOCK MITER JOINT AT PANEL SET BACK 1 1/2" AT BENCH END PLYWOOD BENCH SEAT, 06 20 23 END BACKREST AT 16" O.C. WITH CONTINUOUS CONTINUOUS JOINT SEALANT TO CONCRETE SLAB @ EACH POST 05 50 00 **EXPOSED EDGES OF BENCH SEAT** CONTINUOUS 2X FIRE TREATED WOOD PROVIDE 3/4" STAINED BALTIC BIRCH STEEL TUBES, 06 20 23 TOP AND BOTTOM PLATES - SECURE TO 2X FIRE TREATED WOOD BLOCKING FOR NOTE: PROVIDE DELEGATED DESIGN OR LOBBY BENCH SUPPORT, 05 50 00

DEPARTMENT OF CONSTRUCTION SERVICES DIVISION OF CONSTRUCTION SERVICES STATE OF CONNECTICUT HOUSATONIC COMMUNITY COLLEGE:

RENOVATIONS & ADDITION TO LAFAYETTE HALL

DRAWN BY CDL

DCS PROJECT # BI-CTC-455
AEA PROJECT # 12040
DATE 04/15/15

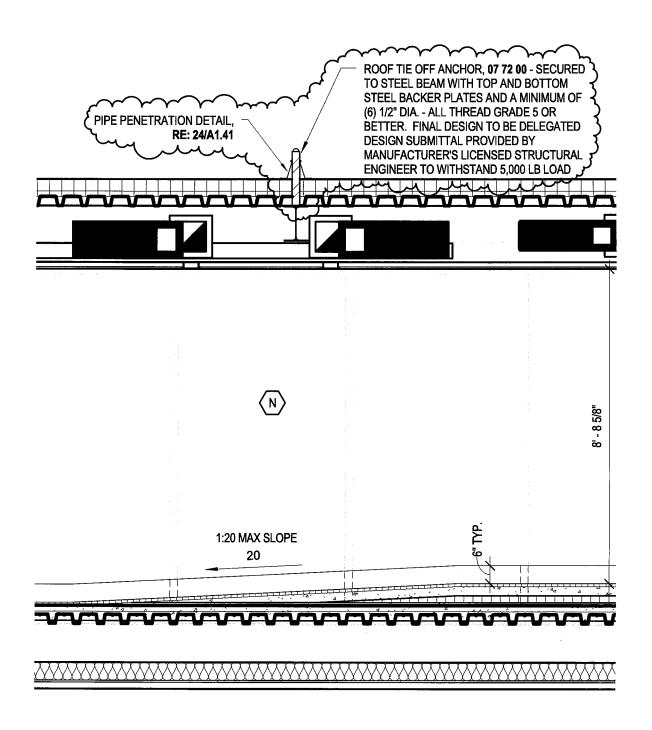
SCALE 1"=1:0" REVISION TO 1/A3.06

PREPARED BY AMENTAJEMMA

AMENTA|EMMA

TYPICAL SECTION @ LOBBY SEATING

AD1-A2



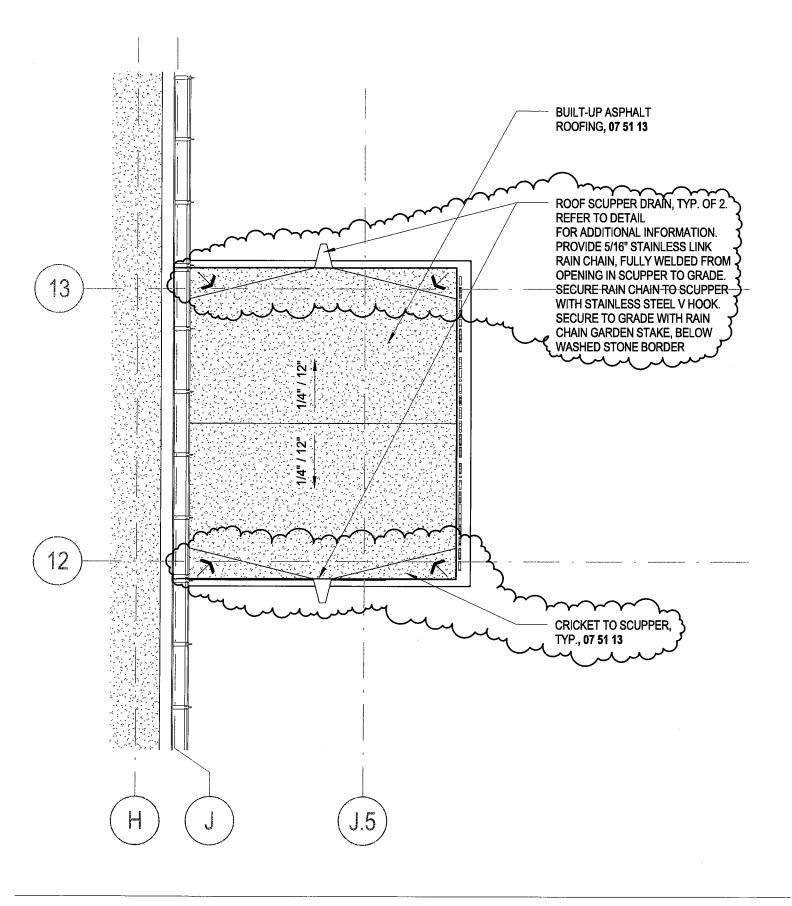
STATE OF CONNECTICUT DEPARTMENT OF CONSTRUCTION SERVICES DIVISION OF CONSTRUCTION SERVICES

HOUSATONIC COMMUNITY COLLEGE:
RENOVATIONS & ADDITION TO LAFAYETTE HALL

BRIDGE ROOF TIE OFF ANCHOR

AD1-A3

DCS PROJECT # BI-CTC-45S DATE 04/16/15 DRAWN BY CDL SCALE 3/6"=1'-0" REVISION TO 17/AS.67 PREPARED BY AMENTALEMINA AMENTALEMINA



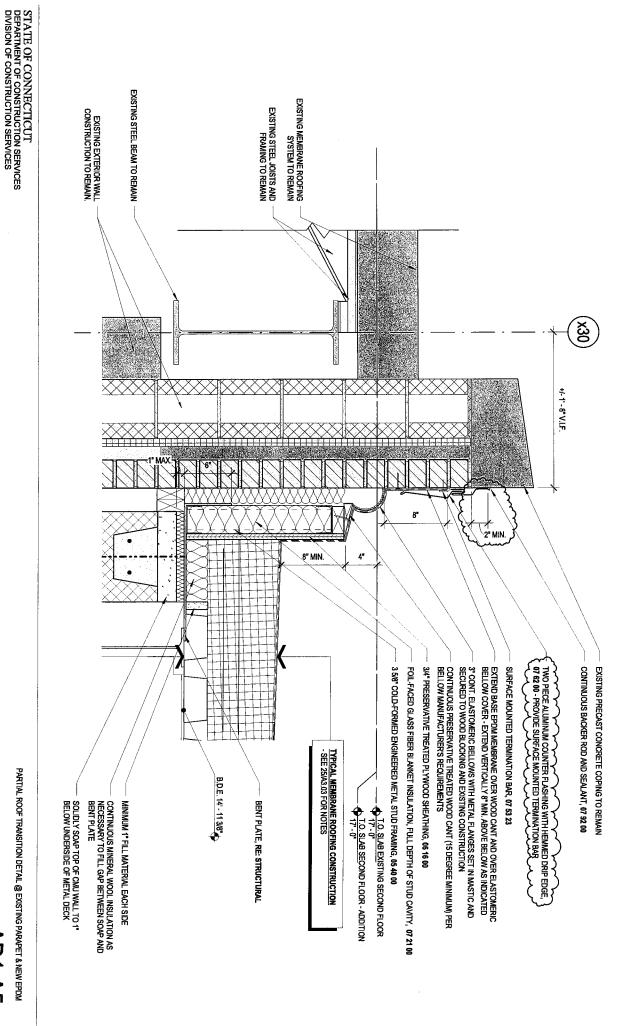
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DIVISION OF CONSTRUCTION SERVICES

HOUSATONIC COMMUNITY COLLEGE:
RENOVATIONS & ADDITION TO LAFAYETTE HALL

VESTIBULE VB-1 ROOF PLAN

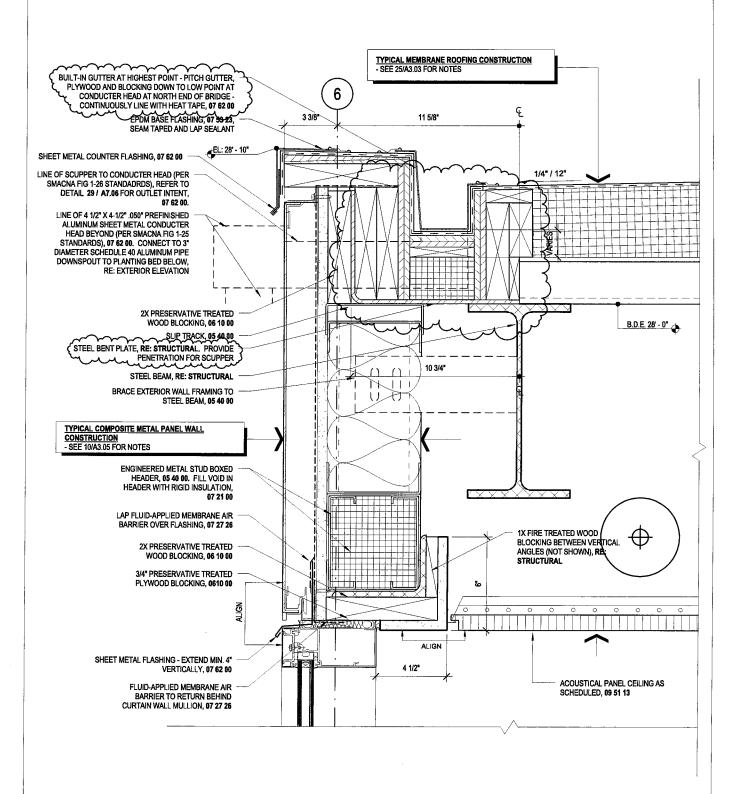
AD1-A4

DCS PROJECT # BI-CTC-455
AEA PROJECT # 12040
DATE 04/16/15
DRAWN BY CDL SCALE 3/16"=1"-0" REVISION TO 25/A1.41
PREPARED BY AMENTALEMMA



DESPROJECT # 1304 DATE 04/10/15 DRAWN BY COL SCALE 18" "1" REVISION TO MAIL PROPAGED BY AMERICA EMAIL

HOUSATONIC COMMUNITY COLLEGE:
RENOVATIONS & ADDITION TO LAFAYETTE HALL

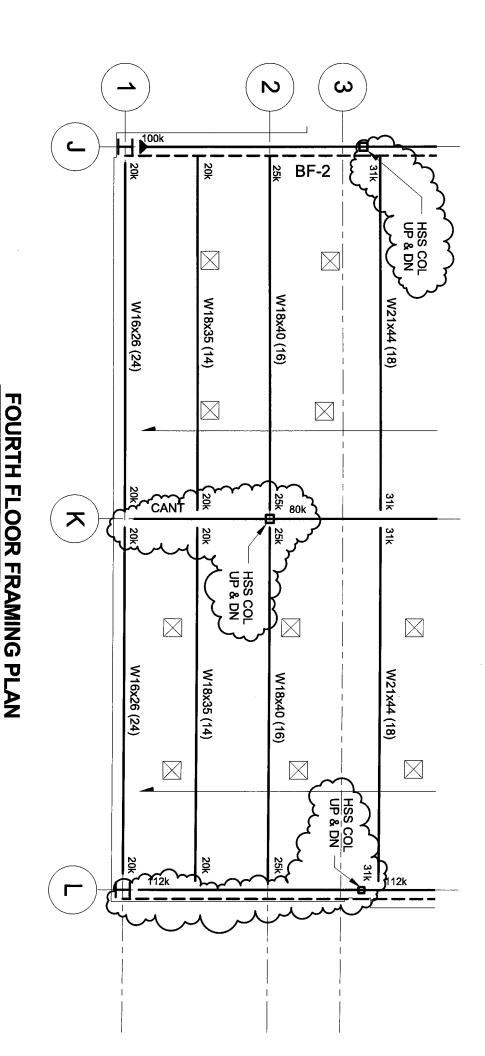


STATE OF CONNECTICUT
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HOUSATONIC COMMUNITY COLLEGE:
RENOVATIONS & ADDITION TO LAFAYETTE HALL

DETAIL @ BRIDGE ROOF EDGE EAST

AD1-A6



1/8" = 1'-0"

STATE OF CONNECTICUT
DEPARTMENT OF CONSTRUCTION SERVICES
DIVISION OF CONSTRUCTION SERVICES

MASTER PLAN PHASE II - RENOVATIONS & NEW

SCALE 18"=1"0" REVISION TO \$2.04 PREPARED BY TWB

DCS PROJECT # BI-CTC-455
AEA PROJECT # Project
Number
DATE 04/15/15
DRAWN BY JWN

ADDITIONS TO LAFAYETTE HALL

AD1-S1

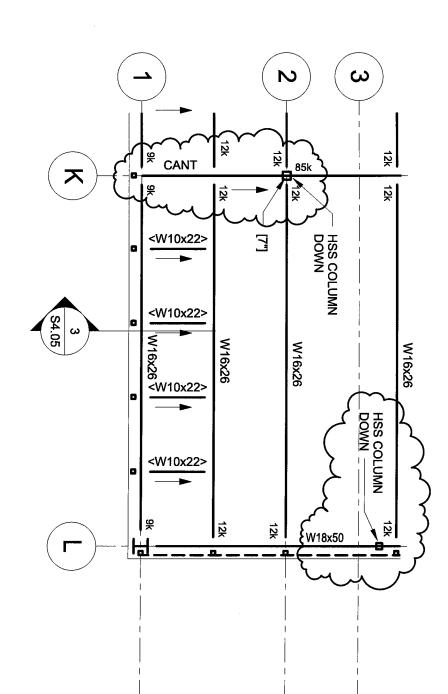
FOURTH FLOOR FRAMING PLAN

ADDITIONS TO LAFAYETTE HALL

SCALE 1/8"=1'-0" REVISION TO \$2.05

PREPARED BY Designer





ROOF FRAMING PLAN

1/8" = 1'-0"

ROOF FRAMING PLAN

AD1-S2

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Level 4 T/Sti	SSH HSS	Level 4 T/Sti	\$\frac{\fin}}}}}}}}}{\frac}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	Level 4 T/Sti	¥ #	Level 4 T/Sti
	HSS8x8x1/2	46-6*	HSS6x6x1/2	46-6"	HSS8x8x3/8	46'-6"
Level 3 T/Sti		Level 3 T/Sti		Level 3 T/Sti		Level 3 T/Stl
31'-6*		31-6*	<u>{ 113</u>	31-6"		31-6"
Level 2 T/Stl		Level 2 T/St		Level 2 T/Sti		Level 2 T/Sti
16-6*		16'-6"		16'-8"		16-6"
FOUNDATION PLAN		FOUNDATION PLAN		FOUNDATION PLAN		FOUNDATION PLAN
O"		0-		0"		0"
Column Locations	K-2	Column Locations	L-3(1'-8 3/4")	Column Locations	J-3(1'-8 3/4")	
LOAD (k)	230		SEE BF-7		SEE BF-2	
UPLIFT LOAD (k)	-		SEE BF-7		SEE BF-2	
SHEAR (k)	-					
BASE PLATE DET.	8/S4.01		2/\$4.01		3/\$4.01	
ANCHOR ROD DET.	8/S4.01		2/\$4.01		3/S4.01	
LATERAL COLUMN			LAT		LAT	

STATE OF CONNECTICUT
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MASTER PLAN PHASE II - RENOVATIONS & NEW ADDITIONS TO LAFAYETTE HALL

COLUMN SCHEDULE

AD1-S3

GENERAL NOTES:

- CONTRACTOR TO MAKE ALL MEASUREMENTS AND FIELD STAKEOUT IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS TO INSURE PROPER FIT-UP OF ALL COMPONENTS.
- 2. THE PILE LOCATIONS AND PILE CAP DESIGNS HAVE BEEN DETERMINED BY
 BVH ENGINEERS.
- 3. THE PERMANENT PILE SHELLS SHALL CONFORM TO SPECIFICATIONS.
- 4. THE CENTRALIZED REINFORCING BARS SHALL BE AT LEAST #8 SIZE CONFORMING TO ASTM A615, GRADE 75. BAR SPLICES SHOULD BE AVOIDED BASED ON THE SHORT PILE LENGTHS.
- 5. CEMENT FOR GROUT SEE SPECIFICATIONS
 MINIMUM COMPRESSIVE STRENGTH:
 fc = 2,500 PSI AT 3 DAYS
 fc = 5,000 PSI AT 28 DAYS
- 6. THE MICRO-PILE DESIGN SHOWN HEREON IS BASED ON THE FOLLOWING SERVICE LOADS PROVIDED BY BVH ENGINEERS:

 MAXIMUM AXIAL COMPRESSIVE LOAD = 20 TONS (DESIGN LOAD DL)

 MAXIMUM AXIAL TENSION LOAD = 5 TONS

 MAXIMUM LATERAL PILE HEAD LOAD = ZERO
- 7. NO CHANGES SHALL BE MADE TO THE DESIGNS SHOWN HEREON WITHOUT THE PRIOR ACCEPTANCE BY HAILEY & ALDRICH, INC. IF CONDITIONS ARE ENCOUNTERED THAT DIFFER SIGNIFICANTLY FROM THOSE SHOWN HEREON, THE WORK SHALL BE STOPPED AND HAILEY & ALDRICH, INC. SHALL BE CONTACTED FOR ADDITIONAL INPUT.

GENERAL NOTES

3/4" = 1'-0"

STATE OF CONNECTICUT
DEPARTMENT OF CONSTRUCTION SERVICES
DIVISION OF CONSTRUCTION SERVICES

MASTER PLAN PHASE II - RENOVATIONS & NEW ADDITIONS TO LAFAYETTE HALL

MICROPILE GENERAL NOTES

AD1-S4

DCS PROJECT # BI-CTC-455
AEA PROJECT # Project
Number

DATE 04/15/15

DRAWN BY JWM

SCALE 3/4" = 1'-8" REVISION TO \$3.94

PREPARED BY TWB

AMENTA|EMMA

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The third and fourth floors of the southwest corner of the addition will cantilever roughly 42 feet beyond the footprint of the second level along line 'J'. In order to span this length two story trusses will be built within the southern wall of the building and along the northern wall of the sculpture studio. The two story trusses will be designed and constructed integral with the lateral bracing. The framing for the truss assemblies will add roughly 10 tons in addition to the typical steel area calculation. In order to construct the trusses the ends of the cantilevers will need to be shored from grade until all pieces of the truss are in place and all connections completed. To reduce some steel weight two sloped columns with one architecturally exposed steel base will be provided in the south west corner of the building, the structure will cantilever approximately 12' beyond the sloped columns along column line 'L' and 'K'.

The framing below the Level 2 mechanical units shall be built with typical concrete composite slab on deck construction in lieu of metal roof deck in order to minimize and reduce noise and sound transmission.

Fire Wall and Seismic Joints

The West Building (new addition) shall be structurally independent from the existing building and shall be separated and protected from the existing building by a one story free-standing rated fire wall. The fire wall shall have a continuous seismic joint between the fire wall and the existing and new structures. All utilities crossing the seismic joints what he capable of allowing for movement in three directions. The fire wall shall be constructed of reinforced 12" CMU. All cells shall be grouted solid. The foundation at the base of the firewall will be roughly 7 wide x 2" deep and reinforced with 60 pounds of rebar per linear foot of wall. A 12 inch thick reinforced concrete wall will be built from the top of the foundation to the finished floor elevation where the wall will change to 12" CMU. The concrete wall will be reinforced with two layers of #6 bars each face vertically and horizontally.

The existing foundations next to the fire wall are indicated on the original drawings as being 10'-3" below the existing finished floor elevation. New foundation along this line will be supported on Minipiles, excavation and support protection must be provided to excavate down to the required depth without undermining the existing slab on grade or destabilizing the existing walls. For budgeting assume 125 linear feet of excavation and support protection will be required. Excavation support protection shall be a performance specification requiring the Contractor to submit signed and sealed drawings and calculations prepared by a Connecticut Registered Engineer, hired and working directly for the Contractor.

Lateral Force Resisting System

Lateral bracing shall be provided with of concentrically braced steel frames in both directions. Moment frames may be utilized in the connector portion of the building if a braced frame cannot be incorporated into the architectural layout of the space. Moment frame connections between the beams and columns will be detailed to develop the full strength of the beam. All full penetration welds will be ultrasonically tested either in the shop or in the field to verify and confirm completeness.

Exterior Walls and Miscellaneous Items

The exterior wall systems are to be supported by cold formed metal framing backup. The contractor shall be responsible for engaging a professional engineer to provide the design and detailing of the cold formed metal framing and connections. The contractor's engineer shall be responsible for providing signed and sealed calculations and shop drawings for review and comment to the engineer of record.

Secondary structural steel framing will be required for supporting the brick veneer with CMU back up at each story where is it located adjacent to the parking garage bridge and at the Lafayette Street entrance. Where it occurs, brick and block will typically be relieved at the floor slab elevations or at the head of the windows with a hot-dip galvanized steel angle supported off of the edge of slab or hung from the structure.

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- G. Particleboard: ANSI A208.1, Grade M-2.
- H. Melamine-Faced Particleboard: Particleboard complying with ANSI A208.1, Grade M-2, finished on both faces with thermally fused, melamine-impregnated decorative paper and complying with requirements of NEMA LD3, Grade VGL, for test methods 3.3, 3.4, 3.6, 3.8, and 3.10.
 - 1. Color: White.

2.2 PANELING

- A. Void-Free Core Plywood [All Plywood indicated for Stained Finish]: Void-free core plywood, made without urea-formaldehyde adhesive.
 - 1. Grade: B/BB.
 - 2. Species: Baltic Birch.
 - 3. Veneer Matching: Selected for similar color and grain.
 - 4. Backing Veneer Species: Same species as face veneer.
 - Construction: Cross-banded and laminated, void-free core, comprised of 1.5 mm-thick solid birch veneer inner core.
 - 6. Thickness: 3/4 inch, 18 plies.
 - 7. Panel Size: As required to produce panel sizes indicated within Drawings.
 - 8. Glue Bond: Exterior Grade.
 - 9. Finish: Stained finish as indicated with specification section 09 93 00 "Staining and Transparent Finishing".

2.3 WOOD TRIM

- A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of wood trim indicated for construction, finishes, installation, and other requirements.
 - 1. Provide labels and certificates from AWI certification program indicating that woodwork, including installation, complies with requirements of grades specified.
 - 2. The Contract Documents contain selections chosen from options in the quality standard and additional requirements beyond those of the quality standard. Comply with those selections and requirements in addition to the quality standard.
- B. Wood Sills: Where indicated on Drawings, provided painted wood sills as follows:
 - 1. Grade: FAS.
 - 2. Wood Species: Poplar.
 - 3. Cut: Plain Sliced.
 - 4. Finish: Paint finish as indicated within specification section 09 91 23 "Interior Painting".
 - 5. For trim items wider than available lumber, use veneered construction. Do not glue for width.
 - 6. Wood Moisture Content: 5 to 10 percent.
 - 7. Thickness: 3/4 inch.
 - 8. Certification: FSC certified and regional material.

2.4 Bar Grilles

- 1. Basis-of-Design Manufacturer: Price.
- 2. Size: 4 inch wide by length of active fine tube segments.
- 3. Style: Pencil Proof Spacing, 0 degree deflection.
- 4. Locations: Locate at all locations on fin tube within architectural enclosures.
- 5. Finish: As selected by Architect for manufacturer's full range.

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- 8. Fabricate joints exposed to weather to be watertight.
- 9. Fasteners: Manufacturer's standard, finished to match railing system.
- 10. Finish: Manufacturer's standard.
 - Color: As selected by Architect from manufacturer's full range.
- H. Ladder-Assist Post: Roof-hatch manufacturer's standard device for attachment to roof-access ladder.
 - 1. Operation: Post locks in place on full extension; release mechanism returns post to closed position.
 - 2. Height: 42 inches above finished roof deck.
 - Material: Steel tube.
 - 4. Post: 1-5/8-inch- diameter pipe.
 - 5. Finish: Manufacturer's standard baked enamel or powder coat.
 - Color: As selected by Architect from manufacturer's full range.

2.5 ROOF TIE OFF ANCHOR

- A. Basis-of-Design Product: Subject to compliance with requirements, provide commercial roof anchor CB-18 with 360 degree swivel top system, as manufactured by Guardian Fall Protection or one of the following:
 - 1. DBI-SALA Fall Protection
 - 2. Miller by Honeywell
 - 3. Simplified Safety
- B. Finish: Galvanized steel finish.
- C. Connection to Steel Beam: Top and Bottom backer plates mounted to steel beam or welded connection.
- D. Design Load: 5,000 pounds.
- E. Delegated Design: For roof-tie off anchors indicated to comply with design loads, including analysis data signed and sealed by the qualified professional engineer, licensed in the State of Connecticut, responsible for their preparation.

2.6 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.
- B. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.

C. Sequencing and Scheduling: No construction of the washed stone paving is to commence until installation steel edging is complete and earthwork and construction operations within the area are generally complete so that no intermixture of materials or damage to the stone paving shall occur.

PART 2 - PRODUCTS



- A. Washed Stone for Drip Edge
 - 1. Shall be nominal 3/8" 1/2" washed stone.
 - Color: Gray-tan range.
 - Barrier Fabric: Shall be 30.1 mil polypropylene Dewitt Weed Barrier as manufactured by Dewitt Company, Inc., Polypropylene Fabric Division, Highway 61 South, Sikeston, Missouri 63801 (1-800-325-0950).
- C. Landscape Edging: Shall be CleanLINE as manufactured by PermaLoc Aluminum Edging, 13505 Barry Street, Holland Michigan 49424, (800) 356-9660.
 - 1. Finish: Black Anodized

PART 3 - EXECUTION

3.1 PRE-INSTALLATION REQUIREMENTS: Secure approval of the subgrade prior to placement of barrier fabric and washed stone.

3.2 INSTALLATION:

- A. Subgrade preparation:
 - Establish subgrade to lines and grades as detailed and described in the Contract Documents.
 - 2. Subgrade shall be fine graded by hand to produce a smooth and uniform surface.
 - 3. Compact to 95% compaction.
- B. Placement of Barrier Fabric:
 - 1. Install as detailed and described in the Contract Documents in such a manner that no part of the fabric will show after placement of the washed stone.
 - Overlap joints a minimum of 6 inches.
- C. Placement of edging and Washed Stone:
 - 1. Install the Landscape edging where there is no solid edge to contain the gravel.
 - 2. Place washed stone to depth as detailed and described in the Contract Documents. Keep the stone free of weeds and debris until final acceptance.

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7001 Equal or Substitute Product Request

Public Works	Product Request
	Page 1 of 1
(If Pre-bid only) Current Bid Due Date: 430 Requ	pe Article 15 Materials: Standards, General Conditions) pest No.: Dated: 4/10/15 piect No.: BI-CTC-455 ation: Dated: 4/10/15
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See attached data for both specified and proposed product Data attached: Drawings: Product Data: Tests: Other:	Reports: 📋 Samples. 🗆
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Will proposed substitution impact other parts of the Work? No Will proposed substitution increase Contract Time? No Actual Dollar Savings to the State of Connecticut if substituti	Yes If yes attach explanation. Yes by number of Days on is accepted: \$
The Undersigned Certifies that the proposed Request for an requirements of Division 01 General Requirements, Section 01 25	Equal or Substitute Product conforms to all of the
Request Submitted By General Contractor / CMR:	(Firm's Typed Name)
By:	(Signature) (Date)
Consultant's Review – This Substitution Request is:	Request Received on (Date):
(Submittals in accordance with Div	01 General Requirements, Section 01 33 00 Submittal
Approved as Noted. Procedures.)	01 General Requirements, Section 01 33 00 Submittal
☐ Rejected: Use Specified Materials. ☐ Rejected: Request Not Received Within Spe	cified Time Period - Use Specified Materials.
Reviewed Issued By: Chris Legiadre, AIA (Typed Name)	(Signature) 4/13/2015 (Date)
CONSULTANT Send copies to: DPW PM: CA /OR:	☐ Chief Architect ☐ Chief Engineer ☐
If Approved: As noted by Consultant, DPW Director of Project Management:	
Copies: Project File Red R2	(Signature) (Date)
CT DPW - 7001 (Rev: 101310)	7000 - Construction Phase Forms