

ADDENDUM #2

INVITATION TO BID
Town of East Windsor Community Center
Alterations and Additions
28 Abbe Road
East Windsor, Connecticut

1. I can't seem to find spec section 31-35 in the spec book. Could you please let me know if I am missing something? **The specifications for the parking lot and sidewalk please reference the site plan detail sheet in the plan set.**
2. A u value of .25 will require triple glaze. .26 would be double glaze and would be the same as existing. Do you want triple glaze with u of .20? **Use double glaze '.26.'**
3. The project term is stated as 60 days. Is this correct or is it a misprint? **The project terms are not 60 days in fact this is a misprint terms will be discussed at contract signing.**
4. If this is incorrect, can you supply the actual project term being there are liquidated damages with this project. **Will be discussed with the selected bidder pre contract signing.**
5. Is there a prevailing wage rate schedule we should be using? I believe heavy highway and building will be needed. **See Attachment.**
6. Is this project tax exempt? **Yes.**
7. Is this space unoccupied? **No.**
8. Does the contractor only need to hold a state permit? **Yes.**
9. Are the Town fees waived? **Yes.**
10. Is there abatement? **No.**
11. Can you provide a hazmat report? **No.**
12. Are the water issues in the back of the building? Is it possible to fix it? **See Addendum #3.**
13. Who is responsible for the furnishing removal? **Town.**
14. Is this project a prevailing wage rates project? **Yes.**
15. 09 – ACT - ACT 2 in spec book do not match ACT 2 on finish schedule on A2 **Specification is correct, disregard drawing A2 Ceiling finishes ACT-2**
16. 09 – ACT - Pg A2 in architectural drawings label every ceiling as Healthzone tile but then lists item #'s that are not Healthzone. Specs do not mention Healthzone. Healthzone tiles are typically used for clean room type applications. **They are not Healthzone ceiling tiles, incorrect label**
17. 09 – ACT - Rms 106B, 108D, 123, 126 are shown with ACT 4 on finish schedule but as ACT 1 on RCP. Which is correct? **ACT-1**
18. 09 – ACT - Specs are needed for metal ceiling soffit **pending**
19. 08 – Window Film - on A10 was a letter "G" in a triangle for window film but no specification nor did I pick up on the symbol on the elevations, please advise. **Type 'G' w/ Film not used.**
20. Where is the current fire alarm panel located? **Mechanical/Electrical Room**
21. Who is the current vendor? **Notifier model SFP-400B**
22. How many fire alarm devices are existing to remain? Confirm onsite. **Attached as built's may help.**
23. On E4 there is an exhaust unit KEF-1 shown with no additional information. What amperage and voltage are needed to feed this equipment? **Owner to provide kitchen equipment plans.**

24. On the site plan it states to relocate generator more info is needed. What is the new location? What size feed is required? **Owner to answer. Assume 100A feeder for bid.**
25. Is there a hardware specification? **No, only what is on the Door Schedule. New and existing to be modified shall match existing where possible, style, finish, and color.**
26. What are the door types A & B made of? **They are steel doors.**
27. There is also a mixture of W1 windows and existing windows in the building. We do not see sizes provided for the new or old windows. **New exterior window size for W1 on dwg A6 Exterior Elevations**
28. Can you please clarify the window treatment locations and where to find the window sizes **There are no window treatments in this project.**
29. Specification section 09 51 10 Part 2.1 lists tiles for ACT 1, 2 & 3. ACT2 is not consistent with what is being called out on the Room Finish Materials legend on A2. **There is no Healthzone tile being used, only Ultima.**
30. Please confirm which tile you would like us to use for ACT2. **The ACT2 in the Spec is incorrectly listed. The Ceiling Legend ACT is correct.**
31. **Also, please note there is no ACT4, they should read ACT1 in the Room Finish Schedule.**
32. **Also, please note there is no ACT4, they should read ACT1 in the Room Finish Schedule.**
33. Existing assembly room 134 is calling for a ceiling height of 14'. There are 5 bump outs along the long walls which show ACT at 12'. No detail is provided showing the transition from 12' to 14' in ceiling height. Please provide further detail. **We are using vertical ceiling tiles in these (6) locations. The 6th one is in the upper right corner of the room.**
34. Drawing A2 Basement & Enlarged Room Plans & Finish Schedule
 - a. Room Finish Materials lists IR-1 Interlocking Rubber as a Flooring Material however, IR-1 is not scheduled in any room.
 - b. Fitness Room 120 lists RUB-1 as Floor Finish however, RUB-1 is not listed as a Flooring Material. **RUB-1 should be IR-1**
35. Specifications SECTION 09 65 27.1 - MODULAR SPORTS FLOORING Interlocking rubber floor tiles are not a suitable choice of flooring material for a recreation fitness center. Interlocking rubber floor tiles are designed for residential use and will not stand-up long term to the heavy traffic in a community center. Please consider fully adhering a rolled rubber product such as Regupol Aktiv. Fully adhering to the subfloor will provide the strength and resilience required to last, as well as less seams overall. Less seams, less chance of failure. **We would certainly be open to a product substitution you are describing and will be taken under advisement.**
36. On E2 there is a W fixture shown but there is no W on the fixture schedule. What are the specs for this fixture? **See attached spec sheet.**
37. Drawing A1 – Partition Types – Type 1C is the most common partition but there is no sound insulation indicated. Is this a mistake? Please advise. **A good idea, please add 3" Rockwool insulation.**
38. Drawing A1 – Partition Types – Not 1 partition on the ground floor is rated or a smoke partition. Shouldn't corridor walls be one or the other? Please advise. **No smoke or rating partitions needed for corridors.**
39. Partition type 1D that surrounds the existing assembly room is simply a chase wall attached to the outside surface of an existing assembly room wall, yet that partition states to go full height. Full height would be approximately 17ft. Why not building that chase wall just past the ceiling height? Please advise. **The**

- partition does not extend up 17ft. Refer to Building Section A, 1/A7 on dwg. A7 Install partition type 1D to 9" above finished ceiling.
40. Water Main drawings only show the lines entering the property and no continuation to the building. Where are the new water and sprinkler mains to be brought into the building? Originally in the basement addition. To be determined along the east side of the building TBD.
 41. There are multiple duplicates within Division 00 (i.e. bid form, instructions to bidders). Please update Division 00 with correct versions.
 42. There are two AD1 drawings. Please advise. Delete 2nd drawing AD1.
 43. Please provide specification for hardware. Will match existing as much as possible.
 44. Excavation for Porte Cochere foundations will require demolition of existing sidewalks, paver walks, and asphalt paving. Please provide repair details for this work. Will reach out to Civil for response.
 45. Is concrete patio to have same detail as sidewalks for base and concrete? Will reach out to Civil for response.
 46. Please provide detail of where sidewalk meets building. Will reach out to Civil for response.
 47. There are two bid forms which bid form must be use? Both bid forms the Town's Page 16 and the USDA on page 59 must be filled out completely.
 48. Water Main drawings only show the lines entering the property and no continuation to the building. Where are the new water and sprinkler mains to be brought into the building? Originally in the basement addition. To be determined along the east side of the building TBD.
 49. There are multiple duplicates within Division 00 (i.e. bid form, instructions to bidders). Please update Division 00 with correct versions.
 50. There are two AD1 drawings. Please advise. Delete 2nd drawing AD1.
 51. Please provide specification for hardware. The Town's vendor for locks and hardware is L.E. Whitford East Hartford, CT
 52. Excavation for Porte Cochere foundations will require demolition of existing sidewalks, paver walks, and asphalt paving. Please provide repair details for this work. Return back to existing condition.
 53. Is concrete patio to have same detail as sidewalks for base and concrete? Yes
 54. Please provide detail of where sidewalk meets building. The expansion joint will be placed at the foundation where the sidewalk meets.

END OF ADDENDUM #2

Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	10) Group 3: Pipelayers	\$34.00	25.59
Hartford	East Windsor	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	\$34.00	25.59
Hartford	East Windsor	12) Group 5: Toxic waste removal (non-mechanical systems)	\$35.50	25.59
Hartford	East Windsor	13) Group 6: Blasters	\$35.25	25.59
Hartford	East Windsor	Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	\$36.50	25.59
Hartford	East Windsor	Group 8: Traffic control signalmen	\$20.10	25.59
Hartford	East Windsor	Group 9: Hydraulic Drills	\$34.25	25.59
Hartford	East Windsor	Group 10: Toxic Waste Removers A or B With PPE	\$36.50	25.59
Hartford	East Windsor	---LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and Liner Plate Tunnels in Free Air.---		
Hartford	East Windsor	13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	\$35.73	25.59 + a
Hartford	East Windsor	13b) Brakemen, Trackmen, Miners' Helpers and all other men	\$34.76	25.59 + a
Hartford	East Windsor	---CLEANING, CONCRETE AND CAULKING TUNNEL---		
Hartford	East Windsor	14) Concrete Workers, Form Movers, and Strippers	\$34.76	25.59 + a
Hartford	East Windsor	15) Form Erectors	\$35.09	25.59 + a
Hartford	East Windsor	---ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN FREE AIR.---		
Hartford	East Windsor	16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers, Miners Helpers	\$34.76	25.59 + a
Hartford	East Windsor	17) Laborers Topside, Cage Tenders, Bellman	\$34.65	25.59 + a
Hartford	East Windsor	18) Miners	\$35.73	25.59 + a
Hartford	East Windsor	---TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ---		

Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	1) Boilermaker	\$45.21	29.05
Hartford	East Windsor	1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	\$39.92	34.47
Hartford	East Windsor	2) Carpenters, Piledrivers	\$37.61	27.61
Hartford	East Windsor	2a) Diver Tenders	\$37.61	27.61
Hartford	East Windsor	3) Divers	\$46.07	27.61
Hartford	East Windsor	03a) Millwrights	\$38.02	28.41
Hartford	East Windsor	4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	\$56.25	25.15
Hartford	East Windsor	4a) Painters: Brush and Roller	\$37.62	24.55
Hartford	East Windsor	4b) Painters: Spray Only	\$40.62	24.55
Hartford	East Windsor	4c) Painters: Steel Only	\$39.62	24.55
Hartford	East Windsor	4d) Painters: Blast and Spray	\$40.62	24.55
Hartford	East Windsor	4e) Painters: Tanks, Tower and Swing	\$39.62	24.55
Hartford	East Windsor	4f) Elevated Tanks (60 feet and above)	\$46.62	24.55
Hartford	East Windsor	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)	\$43.75	32.47+3% of gross wage
Hartford	East Windsor	6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	\$42.37	40.02 + a
Hartford	East Windsor	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) ---LABORERS---	\$48.28	35.50
Hartford	East Windsor	8) Group 1: General Laborers and concrete specialist	\$33.50	25.59
Hartford	East Windsor	8) Group 1a: Acetylene Burners (Hours worked with a torch)	\$34.50	25.59
Hartford	East Windsor	9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	\$33.75	25.59

As of: July 1, 2023

Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	18a) Blaster	\$42.22	25.59 + a
Hartford	East Windsor	19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	\$42.02	25.59 + a
Hartford	East Windsor	20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	\$40.04	25.59 + a
Hartford	East Windsor	21) Mucking Machine Operator, Grout Boss, Track Boss	\$42.81	25.59 + a
Hartford	East Windsor	----TRUCK DRIVERS----(*see note below)		
Hartford	East Windsor	Two Axle Trucks, Helpers	\$32.16	30.51 + a
Hartford	East Windsor	Three Axle Trucks; Two Axle Ready Mix	\$32.27	30.51 + a
Hartford	East Windsor	Three Axle Ready Mix	\$32.33	30.51 + a
Hartford	East Windsor	Four Axle Trucks	\$32.39	30.51 + a
Hartford	East Windsor	Four Axle Ready-Mix	\$32.44	30.51 + a
Hartford	East Windsor	Heavy Duty Trailer (40 tons and over)	\$34.66	30.51 + a
Hartford	East Windsor	Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	\$32.44	30.51 + a
Hartford	East Windsor	Heavy Duty Trailer (up to 40 tons)	\$33.39	30.51 + a
Hartford	East Windsor	Snorkle Truck	\$32.54	30.51 + a
Hartford	East Windsor	----POWER EQUIPMENT OPERATORS----		
Hartford	East Windsor	Group 1: Crane Handling or Erecting Structural Steel or Stone, Hoisting Engineer (2 drums or over). (Trade License Required)	\$52.78	27.80 + a
Hartford	East Windsor	Group 1a: Front End Loader (7 cubic yards or over); Work Boat 26 ft. and over.	\$48.37	27.80 + a
Hartford	East Windsor	Group 2: Cranes (100 ton rate capacity and over); Bauer Drill/Caisson. (Trade License Required)	\$52.41	27.80 + a
Hartford	East Windsor	Group 2a: Cranes (under 100 ton rated capacity).	\$51.51	27.80 + a
Hartford	East Windsor	Group 2b: Excavator over 2 cubic yards; Pile Driver (\$3.00 premium when operator controls hammer).	\$48.00	27.80 + a

Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	Group 3: Excavator; 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)	\$47.10	27.80 + a
Hartford	East Windsor	Group 4: Trenching Machines; Lighter Derrick; CMI Machine or Similar; Koehring Loader (Skooper).	\$46.64	27.80 + a
Hartford	East Windsor	Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; 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" mandrel)	\$45.92	27.80 + a
Hartford	East Windsor	Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	\$45.92	27.80 + a
Hartford	East Windsor	Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	\$45.55	27.80 + a
Hartford	East Windsor	Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrel)	\$45.14	27.80 + a
Hartford	East Windsor	Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	\$44.67	27.80 + a
Hartford	East Windsor	Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder), Vacuum Excavation Truck and Hydrovac Excavation Truck (27 HG pressure or greater).	\$44.14	27.80 + a
Hartford	East Windsor	Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc.	\$41.69	27.80 + a
Hartford	East Windsor	Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	\$41.69	27.80 + a
Hartford	East Windsor	Group 12: Wellpoint Operator.	\$41.61	27.80 + a
Hartford	East Windsor	Group 13: Compressor Battery Operator.	\$40.92	27.80 + a
Hartford	East Windsor	Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain).	\$39.54	27.80 + a
Hartford	East Windsor	Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	\$39.06	27.80 + a

Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	Group 16: Maintenance Engineer.	\$38.28	27.80 + a
Hartford	East Windsor	Group 17: Portable Asphalt Plant Operator; Portable Crusher Plant Operator; Portable Concrete Plant Operator., Portable Grout Plant Operator, Portable Water Filtration Plant Operator.	\$43.46	27.80 + a
Hartford	East Windsor	Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	\$40.54	27.80 + a
Hartford	East Windsor	**NOTE: SEE BELOW		
Hartford	East Windsor	---LINE CONSTRUCTION---(Railroad Construction and Maintenance)---		
Hartford	East Windsor	20) Lineman, Cable Splicer, Technician	\$48.19	6.5% + 22.00
Hartford	East Windsor	21) Heavy Equipment Operator	\$42.26	6.5% + 19.88
Hartford	East Windsor	22) Equipment Operator, Tractor Trailer Driver, Material Men	\$40.96	6.5% + 19.21
Hartford	East Windsor	23) Driver Groundmen	\$26.50	6.5% + 9.00
Hartford	East Windsor	23a) Truck Driver	\$40.96	6.5% + 17.76
Hartford	East Windsor	---LINE CONSTRUCTION---		
Hartford	East Windsor	24) Driver Groundmen	\$30.92	6.5% + 9.70
Hartford	East Windsor	25) Groundmen	\$22.67	6.5% + 6.20
Hartford	East Windsor	26) Heavy Equipment Operators	\$37.10	6.5% + 10.70
Hartford	East Windsor	27) Linemen, Cable Splicers, Dynamite Men	\$41.22	6.5% + 12.20
Hartford	East Windsor	28) Material Men, Tractor Trailer Drivers, Equipment Operators	\$35.04	6.5% + 10.45
Hartford	Enfield	1) Boilermaker	\$45.21	29.05
Hartford	Enfield	1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	\$39.92	34.47
Hartford	Enfield	2) Carpenters, Piledrivermen	\$37.61	27.61
Hartford	Enfield	2a) Diver Tenders	\$37.61	27.61

Building Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Hartford	17b) 3 Axle, 2 Axle Ready Mix	\$32.27	30.51 + a
Hartford	East Hartford	17c) 3 Axle Ready Mix	\$32.33	30.51 + a
Hartford	East Hartford	17d) 4 Axle	\$32.39	30.51 + a
Hartford	East Hartford	17e) 4 Axle Ready Mix	\$32.44	30.51 + a
Hartford	East Hartford	17f) Heavy Duty Trailer (40 Tons and Over)	\$34.66	30.51 + a
Hartford	East Hartford	17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	\$32.44	30.51 + a
Hartford	East Hartford	17h) Heavy Duty Trailer up to 40 tons	\$33.39	30.51 + a
Hartford	East Hartford	17i) Snorkle Truck	\$32.54	30.51 + a
Hartford	East Hartford	18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	\$47.55	32.27 + a
Hartford	East Hartford	19) Theatrical Stage Journeyman	\$25.76	7.34
Hartford	East Windsor	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**		
Hartford	East Windsor	1c) Asbestos Worker/Heat and Frost Insulator	\$45.56	32.65
Hartford	East Windsor	2) Boilermaker	\$45.21	29.05
Hartford	East Windsor	3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	\$39.40	34.62 + a
Hartford	East Windsor	3b) Tile Setter	\$37.10	30.52
Hartford	East Windsor	3c) Tile and Stone Finishers	\$30.00	25.30
Hartford	East Windsor	3d) Marble & Terrazzo Finishers	\$31.07	24.23
Hartford	East Windsor	3e) Plasterer	\$42.77	29.63
Hartford	East Windsor	-----LABORERS-----		

Building Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	4) Group 1: General laborers, carpenter tenders, concrete specialists, wrecking laborers and fire watchers.	\$33.50	25.59
Hartford	East Windsor	4) Group 1a: Acetylene Burners (Hours worked with a torch)	\$34.50	25.59
Hartford	East Windsor	4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproof/mixer/hozzleman (Person running mixer and spraying fireproof only).	\$33.75	25.59
Hartford	East Windsor	4b) Group 3: Jackhammer operators/pavement breaker, mason tender (brick), mason tender (cement/concrete), forklift operators and forklift operators (masonry).	\$34.00	25.59
Hartford	East Windsor	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.	\$34.50	25.59
Hartford	East Windsor	4d) Group 5: Air track operator, sand blaster and hydraulic drills.	\$34.25	25.59
Hartford	East Windsor	4e) Group 6: Blasters, nuclear and toxic waste removal.	\$36.50	25.59
Hartford	East Windsor	4f) Group 7: Asbestos/lead removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped).	\$36.50	25.59
Hartford	East Windsor	4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	\$31.78	25.59
Hartford	East Windsor	4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	\$31.24	25.59
Hartford	East Windsor	4i) Group 10: Traffic Control Signalman	\$20.10	25.59
Hartford	East Windsor	4j) Group 11: Toxic Waste Removers A or B With PPE	\$36.50	25.59
Hartford	East Windsor	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.	\$37.61	27.61
Hartford	East Windsor	5a) Millwrights	\$38.02	28.41
Hartford	East Windsor	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)	\$43.75	32.47 +3% of gross wage
Hartford	East Windsor	7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	\$61.42	37.335+a+b
Hartford	East Windsor	----LINE CONSTRUCTION----		

Building Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	Groundman	\$26.50	6.5% + 9.00
Hartford	East Windsor	Linemen/Cable Splicer	\$48.19	6.5% + 22.00
Hartford	East Windsor	8) Glazier (Trade License required: FG-1,2)	\$41.18	24.55 + a
Hartford	East Windsor	9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	\$42.37	40.02 + a
Hartford	East Windsor	---OPERATORS---		
Hartford	East Windsor	Group 1: Crane Handling or Erecting Structural Steel or Stone; Hoisting Engineer (2 drums or over). (Trade License Required)	\$52.78	27.80 + a
Hartford	East Windsor	Group 1a: Front End Loader (7 cubic yards or over); Work Boat 26 ft. and Over	\$48.37	27.80 + a
Hartford	East Windsor	Group 2: Cranes (100 ton rate capacity and over); Bauer Drill/Caisson. (Trade License Required)	\$52.41	27.80 + a
Hartford	East Windsor	Group 2a: Cranes (under 100 ton rated capacity).	\$51.51	27.80 + a
Hartford	East Windsor	Group 2b: Excavator over 2 cubic yards; Pile Driver (\$3.00 premium when operator controls hammer)	\$48.00	27.80 + a
Hartford	East Windsor	Group 3: Excavator; 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 Finegrade. (slopes, shaping, laser or GPS, etc.). (Trade License Required)	\$47.10	27.80 + a
Hartford	East Windsor	Group 4: Trenching Machines; Lighter Derrick; CMI Machine or Similar; Koehring Loader (Skooper); Goldhofer.	\$46.64	27.80 + a
Hartford	East Windsor	Group 5: Specialty Railroad Equipment; Asphalt Spreader, 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 mandrel).	\$45.92	27.80 + a
Hartford	East Windsor	Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	\$45.92	27.80 + a
Hartford	East Windsor	Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	\$45.55	27.80 + a
Hartford	East Windsor	Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under mandrel).	\$45.14	27.80 + a
Hartford	East Windsor	Group 8: Mechanic; Grease Truck Operator; Hydroblaster; Barrier Mover; Power Stone Spreader; Welding; Work Boat Under 26 ft.;	\$44.67	27.80 + a

Building Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
		Transfer Machine; Rigger Foreman.		
Hartford	East Windsor	Group 9: Front End Loader (under 3 cubic yards); Skid Steer Loader regardless of attachments; (Bobcat or Similar); Forklift, Power Chipper; Landscape Equipment (including Hydroseeder); Vacuum Excavation Truck and Hydrovac Excavation Truck (27 HG pressure or greater).	\$44.14	27.80 + a
Hartford	East Windsor	Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	\$41.69	27.80 + a
Hartford	East Windsor	Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	\$41.69	27.80 + a
Hartford	East Windsor	Group 12: Wellpoint Operator.	\$41.61	27.80 + a
Hartford	East Windsor	Group 13: Compressor Battery Operator.	\$40.92	27.80 + a
Hartford	East Windsor	Group 14: Elevator Operator; Tow Motor Operator (solid tire no rough terrain).	\$39.54	27.80 + a
Hartford	East Windsor	Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	\$39.06	27.80 + a
Hartford	East Windsor	Group 16: Maintenance Engineer.	\$38.28	27.80 + a
Hartford	East Windsor	Group 17: Portable Asphalt Plant Operator; Portable Crusher Plant Operator; Portable Concrete Plant Operator; Portable Grout Plant Operator; Portable Water Filtration Plant Operator.	\$43.46	27.80 + a
Hartford	East Windsor	Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (Minimum for any job requiring a CDL license); Rigger; Signalman.	\$40.54	27.80 + a
Hartford	East Windsor	-----PAINTERS (Including Drywall Finishing)-----		
Hartford	East Windsor	10a) Brush and Roller	\$37.62	24.55
Hartford	East Windsor	10b) Taping Only/Drywall Finishing	\$38.37	24.55
Hartford	East Windsor	10c) Paperhanger and Red Label	\$38.12	24.55
Hartford	East Windsor	10e) Blast and Spray	\$40.62	24.55
Hartford	East Windsor	11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	\$48.28	35.50
Hartford	East Windsor	12) Well Digger, Pile Testing Machine	\$37.26	24.05 + a

Building Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	13) Roofer (composition)	\$41.20	22.35
Hartford	East Windsor	14) Roofer (slate & tile)	\$41.70	22.35
Hartford	East Windsor	15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1, SM-2, SM-3, SM-4, SM-5, SM-6)	\$41.89	43.22
Hartford	East Windsor	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)	\$48.28	35.50
Hartford	East Windsor	-----TRUCK DRIVERS-----		
Hartford	East Windsor	17a) 2 Axle, Helpers	\$32.16	30.51 + a
Hartford	East Windsor	17b) 3 Axle, 2 Axle Ready Mix	\$32.27	30.51 + a
Hartford	East Windsor	17c) 3 Axle Ready Mix	\$32.33	30.51 + a
Hartford	East Windsor	17d) 4 Axle	\$32.39	30.51 + a
Hartford	East Windsor	17e) 4 Axle Ready Mix	\$32.44	30.51 + a
Hartford	East Windsor	17f) Heavy Duty Trailer (40 Tons and Over)	\$34.66	30.51 + a
Hartford	East Windsor	17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	\$32.44	30.51 + a
Hartford	East Windsor	17h) Heavy Duty Trailer up to 40 tons	\$33.39	30.51 + a
Hartford	East Windsor	17i) Snorkle Truck	\$32.54	30.51 + a
Hartford	East Windsor	18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	\$47.55	32.27 + a
Hartford	East Windsor	19) Theatrical Stage Journeyman	\$25.76	7.34
Hartford	Enfield	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**		
Hartford	Enfield	1c) Asbestos Worker/Heat and Frost Insulator	\$45.56	32.65

DESCRIPTION

The WLZ Series features an architecturally relevant low-profile LED design in lumen packages ranging from 1500 lumens to over 12,000 lumens. Its high-efficiency light engine is designed for optimal light control and distribution with zero uplight. This family of product is offered in several size housings to complement any building exterior and accommodates mounting heights up to 35'. Integral emergency battery backup available for path of egress with Cold Location operation down to -20°C.

SPECIFICATIONS

Construction

- Sleek die-cast aluminum housing with stainless steel hardware and powder coated black, bronze, silver or white finish
- UV-stabilized polycarbonate optical lens
- Integral heat sink for maximized heat dissipation
- Back box houses drivers away from LEDs and includes three ¾" hubs (WLZ1 and WLZ2 - two ¾" hubs)

Optics/LEDs

- Zero uplight design to minimize light pollution
- 15 to 100 Watt models replace up to 400 Watt HID for up to 70% energy savings
- Efficacies up to 123 LPW at 5000K to maximize utility rebates
- Type III and Type IV distributions for optimal light distribution (WLZ1 - Type III only)
- Available in 3000K, 3500K, 4000K and 5000K CCT
- L70 of 50,000 hours at 40°C
- CRI of ≥70

Electrical

- Class 2 power supply, 120-277VAC, 50/60Hz
- 347/480VAC Dedicated driver option for WLZ4, WLZ7 and WLZ10
- 0-10V Dimming driver (120-277VAC only)
- Power supply rated Class A EMI rating

Installation

- Housing hinges to back box and is secured with set screws
- Back box is complete with three ¾" hubs and internal bubble level for easy installation (WLZ1 and WLZ2 - two ¾" hubs)
- Mounts to a standard 3-1/2" or 4" square electrical J-box
- Suitable for downlight installation only

Options

Battery Backup

- Integral battery backup (BB) provides over 700 lumens and 90 minutes of runtime for path of egress. Rated for ambient temperatures of 0°C to 40°C (32°F to 104°F). Not available on WLZ1
- Integral Battery Backup with Internal Heater (BB-IH) provides over 700 lumens and 90 minutes of runtime for path of egress in Cold Locations down to -20°C. Not available on WLZ1 or WLZ2.
- Factory installed dual driver options for WLZ4 and WLZ10 (WLZ7 is standard with two drivers)
- Factory installed 120/277VAC button type photocontrol option (PC)
- Factory installed 10kVA surge protection options (SP or SPH)

Accessories (Field Installed)

- Bluetooth PIR motion sensor with daylight harvesting, black finish, (LE-WLZ-BL-12V-KIT)
- 120/277VAC Button type universal photocontrol options accessory (PCU)
- Bluetooth capable easily controlled with a smartphone

Testing & Compliance

- cULus Listed for Wet Locations
- International Dark Sky friendly approved product. (IDA) 3000K only
- Operating temperatures: -40°C to 40°C (-40°F to 104°F)

Warranty

- Five year warranty (terms and conditions apply)

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



Specs At A Glance*					
Model	WLZ1	WLZ2	WLZ4	WLZ7	WLZ10
Wattage (nominal)	15W	25W	40W	70W	100W
Lumens (lm)	1745	3198	5021	8729	12,393
Efficacy (LPW)	115	118	123	120	116
Equivalency (HID)	50W	100W	150W	250W	400W
Distribution	Type III, IV (WLZ1 Type III only)				
CCT	3000K, 3500K, 4000K, 5000K				
CRI	≥70				
Input Voltage	120-277VAC, 50/60Hz, 347/480V option				
Operating Temp	-40°C to 40°C (-40°F to 104°F)				
Certifications	UL Listed for Wet Locations, IDA				
Warranty	5 Years				
Weight	2.6 lbs	3.3 lbs	6.0 lbs	9.9 lbs	12.1 lbs

* Nominal Wattage, tested at 5000K CCT, Type III distribution. Values at 120/277VAC. See performance table for more detailed lumen information.
 Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

Ordering Information (Example: WLZ2-3-4K-BR)

Series/Configuration	Distribution	Input Voltage	CCT	Finish	Options
WLZ1 = 15W, Extra-Small	3 = Type III	BLANK = 120-277VAC	3K = 3000K	BL = Black	BB ⁵ = Battery backup
WLZ2 = 25W, Small	4 ² = Type IV	HVS ³ = 347/480VAC	35K ⁴ = 3500K	BR = Bronze	BB-IH ⁶ = Cold Location Battery backup (operation down to -20°C)
WLZ4 = 40W, Medium	TUNED TO 25Watt		4K = 4000K	SV ⁴ = Silver	DD ⁷ = Dual driver
WLZ7 ¹ = 70W, Large			5K = 5000K	WH ⁴ = White	PC = 120/277VAC Button photocontrol
WLZ10 = 100W, Extra-Large					SP = 120/277VAC Surge protection
					SPH = 347/480VAC Surge protection

litelogic Accessories⁸ (Field Installed)

LE-WLZ-BL-12V-KIT⁹ = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Includes 12V Power Adapter, Black Finish

PCU = 120/277VAC Button photocontrol accessory

Notes

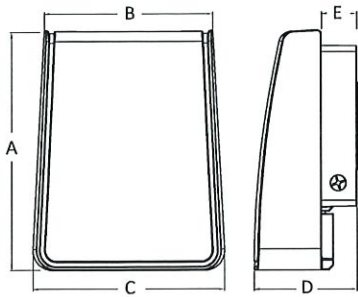
- ¹ Standard with two drivers
- ² Not available for WLZ1 configuration
- ³ WLZ4, WLZ7 and WLZ10 only, compatible with SPH option only
- ⁴ Consult factory for availability
- ⁵ WLZ2, WLZ4, WLZ7 and WLZ10 only. 120/277VAC Only. Not compatible with DD and SPH options
- ⁶ WLZ4, WLZ7 and WLZ10 only. 120/277VAC Only. Not compatible with DD and SPH options
- ⁷ Dual driver option available for WLZ4 & WLZ10 only. Not compatible w/photocontrol option, consult factory
- ⁸ Order as a separate line item. Shipped in separate box for final installation in the field
- ⁹ Compatible with WLZ4, WLZ7 and WLZ10 only

Performance Data

Model	Wattage (W)	CCT	Distribution	Lumen Output (lm)	Efficacy (LPW)
WLZ1-3-3K-XX	15	3000K	Type III	1531	101
WLZ1-3-4K-XX	15	4000K	Type III	1534	101
WLZ1-3-5K-XX	15	5000K	Type III	1745	115
WLZ2-3-3K-XX	25	3000K	Type III	2795	103
WLZ2-3-4K-XX	25	4000K	Type III	2997	111
WLZ2-3-5K-XX	25	5000K	Type III	3198	118
WLZ2-4-3K-XX	25	3000K	Type IV	2609	98
WLZ2-4-4K-XX	25	4000K	Type IV	2797	105
WLZ2-4-5K-XX	25	5000K	Type IV	2985	112
WLZ4-3-3K-XX	40	3000K	Type III	4389	107
WLZ4-3-4K-XX	40	4000K	Type III	4705	115
WLZ4-3-5K-XX	40	5000K	Type III	5021	123
WLZ4-4-3K-XX	40	3000K	Type IV	4021	98
WLZ4-4-4K-XX	40	4000K	Type IV	4310	105
WLZ4-4-5K-XX	40	5000K	Type IV	4599	112
WLZ7-3-3K-XX	70	3000K	Type III	7657	105
WLZ7-3-4K-XX	70	4000K	Type III	8193	113
WLZ7-3-5K-XX	70	5000K	Type III	8729	120
WLZ7-4-3K-XX	70	3000K	Type IV	6837	94
WLZ7-4-4K-XX	70	4000K	Type IV	7316	101
WLZ7-4-5K-XX	70	5000K	Type IV	7794	107
WLZ10-3-3K-XX	100	3000K	Type III	10,871	102
WLZ10-3-4K-XX	100	4000K	Type III	11,632	109
WLZ10-3-5K-XX	100	5000K	Type III	12,393	116
WLZ10-4-3K-XX	100	3000K	Type IV	9706	91
WLZ10-4-4K-XX	100	4000K	Type IV	10,385	98
WLZ10-4-5K-XX	100	5000K	Type IV	11,065	104

* Nominal Wattage. Values at 120/277VAC
 ** HVS configuration not DLC qualified

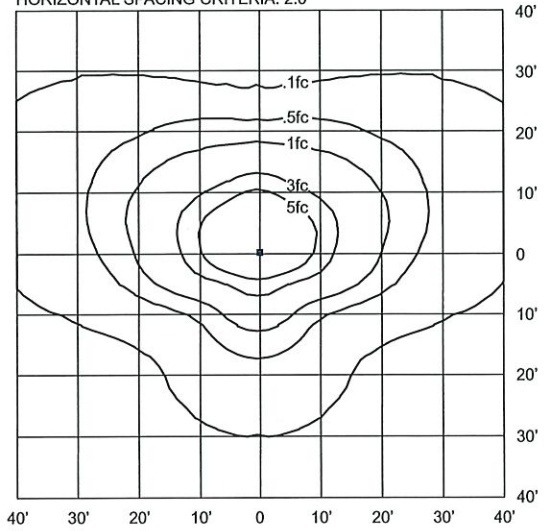
Dimensions



Model	A	B	C	D	E
WLZ1	6.7"	5.0"	5.6"	3.2"	1.4"
WLZ2	8.0"	5.7"	6.0"	3.2"	1.4"
WLZ4	10.2"	6.8"	7.8"	5.0"	1.9"
WLZ7	11.6"	8.3"	9.4"	5.0"	1.9"
WLZ10	11.6"	10.3"	11.5"	5.0"	1.9"

Sample Photometrics

WLZ4-3-5K
 IES: TYPE III VERY SHORT
 MOUNTING HEIGHT: 10'
 TILT: ZERO
 HORIZONTAL SPACING CRITERIA: 2.0



Sensor Details - Bluetooth Enabled (Accessories LE-WLZ-BL-12V-KIT)



LE-MS3W-BL-AUX-HB1



LE-RECPTW-BL-AUX

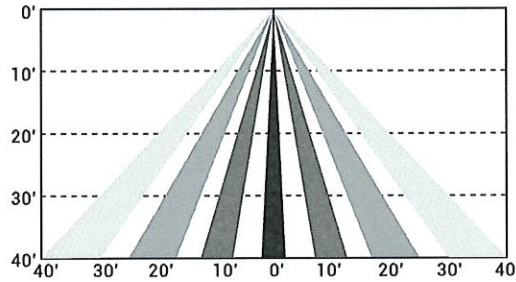


LE-C3 12V Adapter

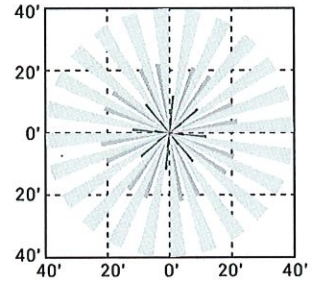


LE-ADAPTERW-BL-AUX

Coverage Side View



Coverage Top View (40')



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 SENSOR SETTINGS**

For a complete list of *litelogic* compatible products, [click here](#).



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