

AMAYA ARCHITECTS

ADDENDUM NUMBER 1

For:

**DiLauro Residence
10 East Avenue
Milford, Connecticut**

Project Number 1275

29th of December 2014

The Drawings and Specifications prepared by Amaya Architects and its Consultants entitled “**Raising of an Existing Residential Structure**” and known as the “**DiLauro Residence, 10 East Avenue, Milford, Connecticut**” Project Number 1275, Drawings and Specifications, are hereby amended in the following particulars:

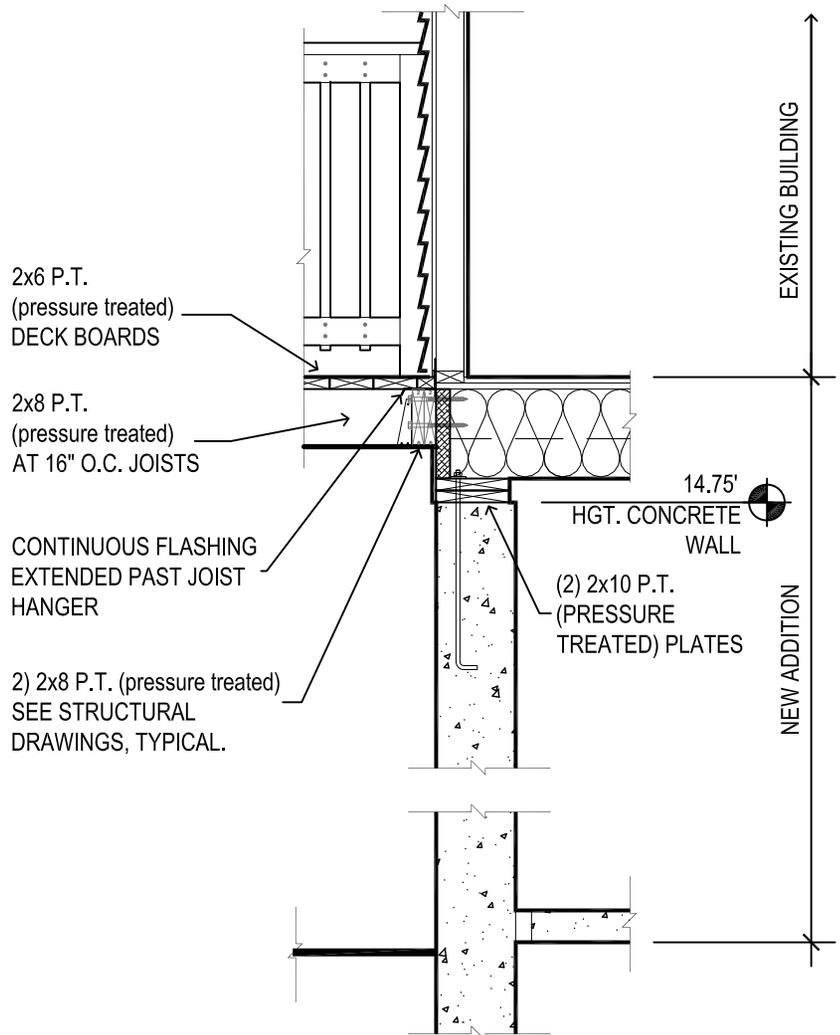
<u>Item #</u>	<u>Section/Dwg</u>	<u>Description</u>
1		Attached is a list of the Contractors present at the walk-thru on the 22 nd of December 2014 – for your reference.
2	SK1 Detail 1 and 2	Clarification – At the front section of the house (original porch), there should be two pressure treated wood plates bolted to the top of the foundation wall – At the rear section, there should be four pressure treated wood plates bolted to the top of the foundation wall – Note: The front section of the house (original porch) is sloped toward the east.
3		Clarification - The top of the Foundation Wall is at Elevation 14.75’.
4	Drawing E-1	Delete “Luminaire Schedule” on Drawing Sheet E-1.
5	Drawing E-1	Fixtures labeled as “E-Fixture” on the Electrical Plans (above front garage door and above rear man-door from garage /storage) shall be Item #680-9-15 as manufactured by Quorum International. Install fixtures horizontally in both locations.
6	Drawing E-1	Fixtures labeled as “G-Fixtures” on the Electrical Plans (in garage/storage and in attic area) shall be Item #3308-6-6 as manufactured by Quorum International.

7	Drawing E-1	The "G-Fixture" in the garage/storage shall be provided as indicated on the Electrical Plans. Two "G-Fixtures" shall be provided in the attic space – located near the HVAC Unit.
8	Drawing E-1	At both the front and rear doors (Second Floor Plan) new light fixtures shall be provided based on the following criteria – Provide Item #7361-45 Exterior Wall Mounted fixture as manufactured by Quorum International. One fixture at rear entrance door and two fixtures at the front entrance door.
9		Clarification – The existing fixtures at Front Entrance Door shall be removed – Provide two new fixtures per information outlined in #8 above.
10	Section 08230	Fiberglass Entrance Doors – Add the following to Subsection 2.1 Part A-1 - #3 Door Style: Half Glass with divided lites.
11	Section 01230	Alternate One - As an Add Alternate – Provide pricing for the installation of an Air-Conditioning System added onto the existing re-located heating system. Refer to the Mechanical, Electrical and Plumbing Drawings for additional information – The HVAC Platform for the unit (as shown on the Drawings) shall be included as part of the Alternate. Modify Specification Section 01230 – Subsection 3.1 – Schedule of Alternates – Add #1 – Alternate One – See attached section for reference.
12		Clarification – The tree located on the East Side (front) of the existing house shall be removed as part of the scope of work – Include the removal of the stump as part of the required work.
13	Section 06600	Clarification – During the removal of the Chimney – Care should be taken to not damage the existing siding – At location of removed chimney - repair any rotted wood sheathing – Infill space where siding is missing with AZEK Material – See attached Specification 06600 for additional information.

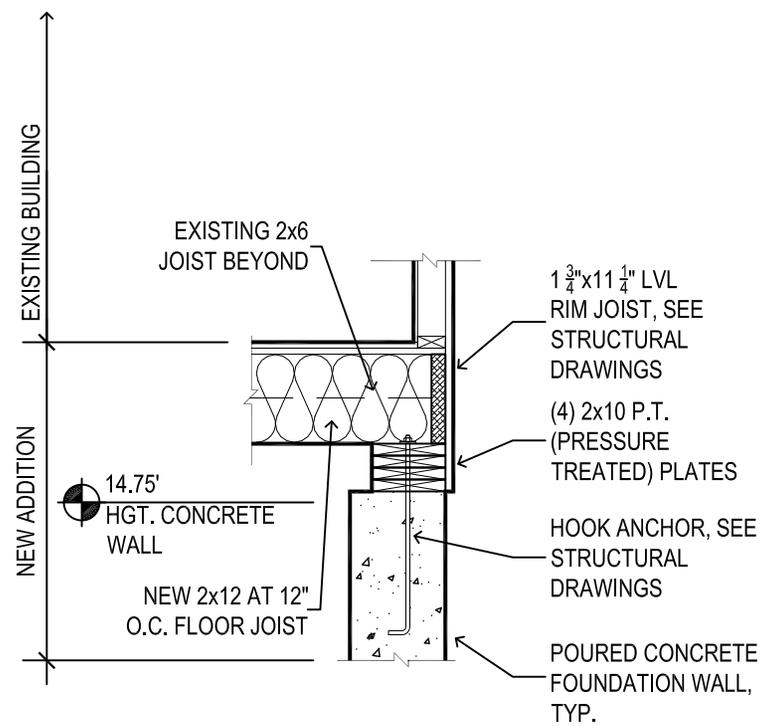
14		Rotted Floor in Kitchen – There is a small section of rotted flooring in the Kitchen located near the rear door (scheduled to be removed) – The rotted section of floor shall be removed – Provide new wood flooring in this location – Match existing flooring in finish and color – Approximate area 3 square feet.
15		Clarification – During the construction and raising of the existing house – Electrical Power must be maintained to the rear structure at all times.
16		Existing Furnace Exhaust Pipe – On the north side of the house is the existing exhaust flue pipe – This pipe should be removed and the hole patched to match the adjacent conditions.
17		Clarification – Venting/Fresh Air Intake for the relocated furnace will be through the existing roof with a new concentric vent system piped up thru the roof. Flash new roof penetration to provide tight seal.
18		Clarification – There is no testing required for the concrete material – In addition, there is no compaction testing required.
19	Section 00015	Modify Specification Section 00015 – List of Drawings – Drawings S-3 and S-4 are not part of the Bid Set of Drawings – The list of Drawings has been modified – See attached Section 00015.
20		Clarification – Lead and Asbestos Containing Materials – Areas not disturbed by construction related activities will not be required to undergo removal of ACM's and Lead Paint – The General Contractor shall remove all Mold from within the existing Crawl Space.
21		Clarification – The front entrance porch (east side) shall be at the same elevation as the Finish Floor at the front entrance doorway.

22	Section 03300	Modification to Specification Section 03300 – Delete item 2.2C – Epoxy-Coated Reinforcing Bars - Epoxy coated reinforcing is not required.
23		Change – Bid Date extended to the 12 th of January 2015 at 4:00 PM in the offices of Amaya Architects.
24		Remove – Delete reference to the Overhead Door 101 located on the east side of the house – Remove from Scope of Work.
25		Add Alternate Two – Provide separate pricing to provide (supply and install with all associated components) the Overhead Door illustrated on the Drawings and located on the east side of the house.

END OF ADDENDUM ONE



1 Wall Detail Front of Building
 SK1 SCALE: 1/2" = 1'-0"



2 Wall Detail Rear of Building
 SK1 SCALE: 1/2" = 1'-0"

DILAURO RESIDENCE #1275
10 EAST AVENUE
MILFORD, CONNECTICUT

DOCUMENT 00015 - LIST OF DRAWINGS

COVER SHEET

CS COVER SHEET
T1 TITLE SHEET: GENERAL NOTES, DRAWING LIST, APPLICABLE CODES, SITE
MAP, SYMBOL LEGEND, ETC.

SITE DRAWINGS

1 OF 1 EXISTING SITE PLAN
C-1 SITE PLAN AND DETAILS

ARCHITECTURAL

Ex-1 EXISTING PLANS
Ex-2 EXISTING ELEVATIONS

D-1 DEMOLITION

A-1 FLOOR PLANS
A-2 EXTERIOR ELEVATIONS
A-3 SECTION/DETAILS

STRUCTURAL

S-1 STRUCTURAL NOTES AND BORING
S-2 STRUCTURAL PLANS AND DETAILS

MEP DRAWINGS

P-1 PLUMBING PLANS
M-1 MECHANICAL PLANS
E-1 ELECTRICAL PLANS
SP-1 MEP SPECIFICATIONS

END OF DOCUMENT 00015

SECTION 01230 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to work of this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

DILAURO RESIDENCE #1275
10 EAST AVENUE
MILFORD, CONNECTICUT

PART 2 - PRODUCTS

2.1 MANUFACTURES

- A. See Manufacturer listed below
- B. Substitutions will be considered.

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

1. Add Alternate One – Installation of an Air-Conditioning System – Includes, but is not limited to; the exterior platform, air-cooled condenser, wiring and related piping required for a full installation and for proper system operation.
2. Add Alternate Two - Provide separate pricing to provide (supply and install with all associated components) the Overhead Door illustrated on the Drawings and located on the east side of the house.

END OF SECTION 01230

SECTION 06600 – PLASTIC FABRICATIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to work of this Section.

1.2 SUMMARY OF WORK

- A. Cellular PVC boards for miscellaneous architectural millwork trim and railings.

1.3 RELATED SECTIONS

- A. Division 07 Section 07920 – Joint Sealants.

1.4 REFERENCES

- A. ASTM D792 – Density and Specific Gravity of Plastics by Displacement.
- B. ASTM D570 – Water Absorption of Plastics.
- C. ASTM D638 – Tensile Properties of Plastics.
- D. ASTM D790 – Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- E. ASTM D1761 – Mechanical Fasteners in Wood.
- F. ASTM D5420 – Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by means of a Striker Impacted by a Falling Weight.
- G. ASTM D256 – Determining the Pendulum Impact Resistance of Plastics.
- H. ASTM D696 – Coefficient of Linear Thermal Expansion of Plastics Between -30°C and 30°C with a Vitreous silica Dilatometer.
- I. ASTM D635 – Rate of Burning and/or Extent and Tie of Burning of Plastics in a Horizontal Position.
- J. ASTM E84 – Surface Burning Characteristics of Building Materials.
- K. ASTM D648 – Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position.

- L. ASTM D3679 – Standard Specification for Rigid Poly Vinyl Chloride (PVC) Siding.

1.5 SUBMITTALS

- A. General: Submit listed submittals in accordance with Division 01 Section 013300 “Submittal Procedures”.
- B. Product Data: Submit product data, manufacturer’s catalogs, SPEC-DATA® product sheet, for specified products.
- C. Samples: Submit three material samples representative of the texture, thickness and widths shown and specified herein.

1.6 QUALITY ASSURANCE

- A. Regulatory Requirements: Check with Local Building Code for installation requirements.
- B. Allowable Tolerances:
 - 1. Variation in component length: -0.00 / +1.00”
 - 2. Variation in component width: +/- 1/16”
 - 3. Variation in component thickness: +/- 1/16”
 - 4. Variation in component edge cut: +/- 2°
 - 5. Variation in Density -0% + 10%.
- C. Workmanship, Finish, and Appearance:
 - 1. Free foam cellular PVC that is homogeneous and free of voids, holes, cracks, and foreign inclusions and other defects. Edges must be square, and top and bottom surfaces shall be flat with no convex or concave deviation.
 - 2. Uniform surface free from cupping, warping, and twisting.

1.7 DELIVERY, STORAGE AND HANDLING

- A. Trim materials should be stored on a flat and level surface on a full shipping pallet. Handle materials to prevent damage to product edges and corners. Store materials under a protective covering to prevent jobsite dirt and residue from collecting on the boards.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Acceptable products: AZEK® Trimboards manufactured by Vycom Corporation, 801 Corey Street, Moosic, PA 18507. Other manufacturers will be considered providing they meet or exceed the following characteristics.
- B. Material: Free foam cellular PVC material with a small-cell microstructure and density of .55 grams/cm³.
 - 1. Material shall have a minimum physical and performance properties specified in Section C.
- C. Performance and physical characteristic requirements:

<u>Property</u>	<u>Units</u>	<u>Value</u>	<u>ASTM Method</u>
PHYSICAL			
Density	g/cm ³	0.55	D792
Water Absorption	%	0.15	D570
MECHANICAL			
Tensile Strength	psi	2256	D638
Tensile Modulus	psi	144,000	D638
Flexural Strength	psi	3329	D790
Flexural Modulus	psi	144,219	D790
Nail Hold	Lbf/in of penetration	35	D1761
Screw Hold	Lbf/in of penetration	680	D1761
Staple Hold	Lbf/in of penetration	180	D1761
Gardner Impact	in-lbs	103	D5420
Charpy Impact (@23°C)	ft-lbs	4.5	D256
THERMAL			
Coefficient of Linear Expansion	in/in/°F	3.2 x 10-5	D696
Burning Rate	in/min	No burn when flame removed	D635
Flame Spread Index	--	25	E84
Heat Deflection Temp 264 psi	°F	150	D648
Oil Canning (@140°F)	°F	Passed	D648

- D. Building Code Acceptance: Product to have “ESR 1074 Building Code Report”.

2.2 ACCESSORY PRODUCTS

A. Fasteners.

1. Use fasteners designed for wood trim and wood siding (thinner shank, blunt point, full round head) with AZEK®.
2. Use a highly durable fastener such as stainless steel or hot-dipped galvanized.
3. Staples, small brads and wire nails must not be used as fastening members.
4. The Fasteners should be long enough to penetrate the solid wood substrate a minimum of 1-1/2".
5. Standard nail guns work well with AZEK trim products.
6. Use 2 fasteners per every framing member for trimboard applications. Trimboards 12" or wider, as well as sheets, will require additional fasteners.
7. Fasteners must be installed no more than 2" from the end of each board.
8. AZEK should be fastened into a flat, solid substrate. Fastening AZEK into hollow or uneven areas must be avoided.
9. Pre-drilling is typically not required unless a large fastener is used or product is installed in low temperatures.
10. 3/8" and 1/2" sheet product is not intended to be ripped into trim pieces. These profiles must be glued to a substrate and mechanically fastened.

B. Adhesives:

1. Glue all AZEK to AZEK joints with AZEK Adhesive, a cellular PVC cement, to prevent joint separation.
2. The glue joint should be secured with a fastener and/or fastened on each side of the joint to allow adequate bonding time.
3. AZEK Adhesive has a working time of 10 minutes and will be fully cured in 24 hours.
4. If standard PVC cements are used, keep in mind these products typically cure quickly which will result in limited working time and may reduce adhesive strength.
5. Surfaces to be glued should be smooth, clean and in complete contact with each other.
6. To bond AZEK to other substrates, various adhesives may be used. Consult adhesive manufacturer to determine suitability.

C. Sealants:

1. Use urethane, polyurethane or acrylic based sealants without silicone.

2.3 FINISHES

A. Finish: Provide factory finish "white", unless otherwise directed by Architect.

B. Preparation (for surfaces to be painted):

1. No special surface preparations are required prior to painting – sanding is not necessary for paint adhesion.
2. Surface must be clean and dry.

3. If desired, nail holes may be filled with polyurethane or acrylic based caulk.
4. Use a 100% acrylic latex paint with a Light Reflective Value (LRV) of 55 or higher.
5. Follow the paint manufacturer's recommendations to apply.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Manufacturer's instructions:

1. Comply with manufacturer's product catalog installation instructions and product technical bulletin instructions.

B. Cutting:

1. AZEK products can be cut using the same tools used to cut lumber.
2. Carbide tipped blades designed to cut wood would work well. Avoid fine tooth metal cutting blades.
3. Avoid rough edges from cutting, which may be caused by excessive friction, poor board support, or worn or improper tooling.

C. Drilling:

1. AZEK products can be drilled using the same tools used to drill lumber.
2. Drilling AZEK products is similar to drilling a hardwood. Care should be taken to avoid frictional heat buildup.
3. Use standard woodworking drills. Do not use drills made for normal rigid PVC.
4. Periodic removal of AZEK shavings from the drill hole is required.

D. Milling:

1. AZEK products can be milled using standard milling machines used to mill lumber.
2. Relief Angle 20° to 30°.
3. Cutting speed to be optimized with the number of knives and feed rate.

E. Routing:

1. AZEK products can be routed using standard router bits and the same tools used to rout lumber.
2. Carbide tipped router bits are recommended.

F. Edge Finishing:

1. Edges can be finished by sanding, grinding or filing with traditional woodworking tools.

G. Nail Location:

DILAURO RESIDENCE #1275
10 EAST AVENUE
MILFORD, CONNECTICUT

1. Shall be as per manufacturers specifications for type of application.

H. Thermal Expansion and Contractions

1. Products expand and contract with changes in temperature.
2. Properly fastening AZEK material along its entire length will minimize expansion and contraction.
3. When properly fastened, allow for 1/8" per 18 foot of AZEK product for expansion and contraction.
4. Joints between pieces of AZEK should be glued to eliminate joint separation. When gaps are glued on a long run of AZEK, allow expansion and contraction at ends of the run.

END OF SECTION 06600

SIGN IN SHEET
DiLAURO RESIDENCE
DECEMBER 22,2014

Name/Company	Address	email	Phone Number	Do we have your business card?
Michael Saley Saley Construction	48 Falmouth Street Milford, CT 06460	saleyconstruction@live.com	203-494-2434	Yes
Ken Esposito Madison Properties	15 Wintergreen Drive Easton, CT 06612	espokje@aol.com	203-218-4141	Yes
Jim Quish Integrated Building Services	167 Cherry Street #319 Milford, CT. 06460	jquish@ibsgreen.com	203-243-9547	Yes
Vincencia Adusei Vase Management	360 Fairfiled Avenue, Suite 2 Bridgeport, CT 06604	vee@vasemanagement.com	203-332-7366	Yes
Robert Sickemer Vase Construction	360 Fairfield Avenue, Suite 2 Bridgeport, CT 06604	robert@vaseconstruction.com	203-332-7366	No
Brian Carabeta The Rockfall Company LLC	25 Columbus Avenue Meriden, CT. 06451	brian@rockfallco.com	203-631-9369	No
Dave Mattei AIR(American Integrity Restoration)	60 Village Place Glastonbury, CT 06033	dmattei@1CallAIR.com	860-817-6070	No
Len Waiksnis AIR	60 Village Place Glastonbury, CT 06033	lwalksnis@1CallAIR.com	203-904-0032	Yes
John Danise DSW Homes LLC	58 River Street Unit 9 Milford, CT 06460	John.Danise@dswhomes.com	203-693-2776	Yes
Banton Construction Company	339 Washington Avenue North Haven	TGiammattei@gmail.com	203-234-2353	Yes
Clay Markham HCC	805 East Broadway Milford, CT 06460	highcal@optonline.net	203-877-0686	Yes