

## Plainfield Town Garage Study Group Summary of Estimated Building Repair Cost

Town of Plainfield			Owner Name						Job Number		Town Garage Repair			
110 Main St, PO Box 380			Mail Address						Job Location		Stage Road Plainfield, NH			
Meriden, NH 03770			City State Zip						Job Tele #		603 469 3240			
603 469 3201			Day Telephone						Description		Town Garage Repair Estimate			
									Date		4/25/2016			
Task			Materials			Labor			Subs		Totals		Notes	
Necessary engineering, repair truss, install new roof, attic insulation upgrade, structural repairs replace windows, replace vinyl siding, etc.														
Task			Unit	Unit	Total	Unit	Unit	Total	Sub	Total	Allowances Alternates			
No.	Description		Unit	Amts.	Cost	Mat.	Unit	Amt.	Cost	Labor	Bid	Item	Specs & Exceptions	
1	Complete engineering design work			1		0				0	6500	\$6,500.00	Engineering Ventures not to exceed proposal for truss repair	
2						0				0		\$0.00		
3	P. 2-Truss structural repair			1		0				0		\$0.00	MOL, estimate cost, included below	
4	P. 2-New sheathing			1		0				0		\$0.00	MOL, estimate cost, included below	
5	P. 2-New Galvalum corrugated roof			1		14097				22368	1500	\$37,965.00	Estimate includes above two items, by Michael O'Leary	
6						0				0		\$0.00		
7	P. 3-Attic air sealing and insulation upgrade			1		0				0	7840	\$7,840.00	Earthshare Construction Estimate	
8						0				0		\$0.00		
9	P. 4-Replace Vinyl Siding					6490				\$10,250	500	\$17,240.00	Estimate by Michael O'Leary	
10						0				0		\$0.00		
11	P. 5-Replace exterior windows			1		0				0	5230	\$5,230.00	Estimate by Brad Atwater	
12						0				0		\$0.00		
13	P. 5-Supply and install new overhead door track and openers		P	2	4000	8000				0		\$8,000.00	Overhead Door of Rutland installed phone quote	
14						0				0		\$0.00		
15	P. 6-Mezzanine Floor Repair					295				520		\$815.00		
16						0				0		\$0.00		
17	Repair let in brace problem			1		0				0	9600	\$9,600.00	Estimate by Bill Knight	
18						0				0		\$0.00		
19	Additional wall repair to resolve wind shear problem			1		0				0	27070	\$27,070.00	Estimate by Bill Knight	
20						0				0		\$0.00		
21	Electrical removal and replacement for wind shear work			1		0				0	15000	\$15,000.00	See Bill Knight wall repair estimate	
22						0				0		\$0.00		
23	New automatic ventilation system for whole building, ARC					0				0	26500	\$26,500.00	Energy Audit shows 12K for system I believe	
24	New heating system, ARC					0				0	35000	\$35,000.00	Waiting for actual #	
25						0				0		\$0.00		
26	Fire separation walls to isolate office, lunch room etc (WAG)					0				0	20000	\$20,000.00	Wild A guess	
27	Fire exit from second floor window (WAG)					0				0	5000	\$5,000.00	Wild A guess	
28						0				0		\$0.00		
29	Architectural Design Fees (BP)					0				0	5000	\$5,000.00	Ball Park	
					<b>Sub Totals</b>		\$28,882			\$33,138	\$164,740	\$226,760		
											<b>Contingency</b>	<b>10%</b>	\$22,676	
											<b>Overhead &amp; Supervision</b>	<b>15%</b>	\$37,415	
											<b>Profit</b>	<b>5%</b>	\$14,343	
											<b>Total Estimate</b>		<b>\$301,194</b>	
											<b>Markup Multiplier</b>		<b>132.83%</b>	

**Plainfield Town Garage Study Group  
Truss Repair and New Galvalum Corrugated Roof Estimate**

Town of Plainfield			Owner Name			Job Number			Town Garage Repair			
110 Main St, PO Box 380			Mail Address			Job Location			Stage Road Plainfield, NH			
Meriden, NH 03770			City State Zip			Job Tele #			603 469 3240			
603 469 3201			Day Telephone			Description			Truss repair & new roof, 58'x 100'= 5800 SF of Roof Area			
						Date			4/25/2016			
Task	Materials				Labor	Subs	Totals		Notes			
Task	Unit	Unit	Total	Unit	Unit	Total	Sub	Total	Allowances Alternates			
No.	Description	Unit	Amts.	Cost	Mat.	Unit	Amt.	Cost	Labor	Bid	Item	Specs & Exceptions
1	Create access to attic through gable end	BP	1	250	250	H	4	40	160		\$410.00	
2	Build walkway the length of building in attic, included in air sealing quote	BP	1	0	0	H	0	0	0		\$0.00	Included in insulation quote
3	Is there good access around the building for staging?				0				0		\$0.00	South side needs to stay clean so staging can be set up
4	Remove standing seam roof,	SQ			0	H	72	40	2880		\$2,880.00	From old roofing quote?
5	Dispose of standing seam roofing trucking	Ton			0				0	500	\$500.00	This material can be recycled at Leb. landfill just need trucking
6	Poly Tarps to protect building when roof is off, 30 x 50 work on a 1/4 of roof a	Per	2	61	122	H	16	40	640		\$762.00	Labor to remove and install each day as needed 2 men 4 days
7	Add reinforcing to four truss web members on each truss				0				\$0		\$0.00	
8	2x8 or 6 x 10" at eve both sides ( 2x8 SYP Structural)	P	110	10.83	1191.3	P	110	20	2200		\$3,391.30	2 per hour
9	2x4 x10' at diagonal web member each side of center ( SYP #1)	P	110	5.24	576.4	P	110	10	1100		\$1,676.40	4 per hour
10	Continues bridging to truss at four location 2x4x16 SYP #1	P	20	10.55	211	P	20	20	400		\$611.00	
11	Install hurricane straps	p	110	0.5	55	p	110	2	220		\$275.00	
12	Install proper vent	P	100		0				0		\$0.00	Included in insulation quote
13	Remove strapping from truss	LF	5800	0	0	LF	5800	0.11	638		\$638.00	2 men 1 day
14	Install new Advantech 5/8 TG Sheathing	SF	6000	0.78	4680	SF	6000	0.62	3720		\$8,400.00	
15	Grace Tri- Flex 4'x250' (Home Depot)	R	7	115	805	SF	5800	0.15	870		\$1,675	
16	Fasteners for plywood and tri-flex	Box	2	100	200				0		\$200.00	
17	Install new Galvalum metal roofing, material from Lavallys	SQ	58	84	4872	SQ	5800	1.5	8700		\$13,572.00	<b>Galvalum roofing</b>
18	Fasteners Hex head screw for roofing	SQ	58	8	464				0		\$464.00	<b>Galvalum roofing</b>
19	Ridge cap	LF	100	2.7	\$270	LF	100	2	\$200		\$470	<b>Galvalum roofing</b>
20	Fasteners	Box	1	100	100				0		\$100	
21	Re-flash chimney	BP	1	50	50	H	4	40	160		\$210	<b>Total for Galvalum roofing \$14,816.00</b>
22	Repair gable end access hole	BP	1	250	250	H	8	40	320		\$570.00	
23	Clean up site	BP			0	H	4	40	160		\$160.00	2015, 30 Yard dumpster cost \$850 for the frist 5 tons
24	Dispose of misc construction debris (dumpster?)	P	1		0				0	1000	\$1,000.00	and 100 per each additional ton.
		<b>Sub Totals</b>		\$14,097					\$22,368	\$1,500	\$37,965	<b>minus 14,816= 23,149.00</b>
									<b>Contingency</b>	<b>10%</b>	\$3,796	
									<b>Overhead &amp; Supervision</b>	<b>15%</b>	\$6,264	
									<b>Profit</b>	<b>5%</b>	\$2,401	
									<b>Total Estimate</b>		<b>\$50,427</b>	
									<b>Markup Multiplier</b>		<b>132.83%</b>	

## Plainfield Town Garage Study Group

### Attic Insulation Upgrade

<b>Town of Plainfield</b>			<b>Owner Name</b>						<b>Job Number</b>		<b>Town Garage Repair</b>			
110 Main St, PO Box 380			<b>Mail Address</b>						<b>Job Location</b>		Stage Road Plainfield, NH			
Meriden, NH 03770			<b>City State Zip</b>						<b>Job Tele #</b>		603 469 3240			
603 469 3201			<b>Day Telephone</b>						<b>Description</b>		Attic insulation upgrade			
									<b>Date</b>		4/25/2016			
<b>Task</b>			<b>Materials</b>			<b>Labor</b>			<b>Subs</b>		<b>Totals</b>		<b>Notes</b>	
<b>Attic insulation upgrade</b>									<b>Sub</b>		<b>Total</b>		<b>Allowances Alternates</b>	
<b>Task No.</b>	<b>Description</b>		<b>Unit</b>	<b>Amts.</b>	<b>Cost</b>	<b>Mat.</b>	<b>Unit</b>	<b>Amt.</b>	<b>Cost</b>	<b>Labor</b>	<b>Bid</b>	<b>Item</b>	<b>Specs &amp; Exceptions</b>	
1														
2	<b>Ethan Cole Earthshare Construction LLC estimate includes the below items</b>					0				0	7840	\$7,840.00	This estimate was submitted to me on 11/18/2014	
3						0				0		\$0.00		
4	Build two catwalks the length of building in attic					0				0		\$0.00		
5	Air sealing of wall partitions and penetrations					0				0		\$0.00		
6	Install baffles between truss					0				0		\$0.00		
7	Build attic hatch extension					0				0		\$0.00		
8	Add 12" of lose fill cellulose insulation					0				0		\$0.00		
9						0				0		\$0.00		
10						0				0		\$0.00		
11						0				0		\$0.00		
12						0				0		\$0.00		
13						0				0		\$0.00		
14						0				0		\$0.00		
15						0				0		\$0.00		
16						0				0		\$0.00		
17						0				0		\$0.00		
18						0				0		\$0.00		
19						0				0		\$0.00		
20						0				0		\$0.00		
21						0				0		\$0.00		
22						0				0		\$0.00		
23						0				0		\$0.00		
24						0				0		\$0.00		
25						0				0		\$0.00		
26						0				0		\$0.00		
27						0				0		\$0.00		
28						0				0		\$0.00		
			<b>Sub Totals</b>			\$0				\$0	\$7,840	\$7,840		
									<b>Contingency</b>		10%	\$784		
									<b>Overhead &amp; Supervision</b>		15%	\$1,294		
									<b>Profit</b>		5%	\$496		
									<b>Total Estimate</b>			<b>\$10,413</b>		

# Plainfield Town Garage Study Group

## Attic Insulation Upgrade

								<b>Markup Multiplier</b>		132.83%	
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## Plainfield Town Garage Study Group Remove and Replace Vinyl Siding

<b>Town of Plainfield</b>			<b>Owner Name</b>						<b>Job Number</b>			<b>Town Garage Repair</b>			
110 Main St, PO Box 380			<b>Mail Address</b>						<b>Job Location</b>			Stage Road Plainfield, NH			
Meriden, NH 03770			<b>City State Zip</b>						<b>Job Tele #</b>			603 469 3240			
603 469 3201			<b>Day Telephone</b>						<b>Description</b>			Remove and replace Vinyl Siding			
									<b>Date</b>			4/25/2016			
<b>Task</b>			<b>Materials</b>			<b>Labor</b>			<b>Subs</b>		<b>Totals</b>		<b>Notes</b>		
<b>Task</b>	<b>Remove and replace Vinyl Siding</b>		<b>Unit</b>	<b>Unit</b>	<b>Total</b>	<b>Unit</b>	<b>Unit</b>	<b>Total</b>	<b>Sub</b>	<b>Total</b>	<b>Allowances Alternates</b>				
<b>No.</b>	<b>Description</b>		<b>Unit</b>	<b>Amts.</b>	<b>Cost</b>	<b>Mat.</b>	<b>Unit</b>	<b>Amt.</b>	<b>Cost</b>	<b>Labor</b>	<b>Bid</b>	<b>Item</b>	<b>Specs &amp; Exceptions</b>		
1						0				0		\$0.00			
2	Staging					0				0		\$0.00			
3	Remove vinyl siding		SF	3940	0	0	SF	3940	0.5	1970		\$1,970.00	/ \$40.00 = 49.25 MH		
4	Disposal cost, dumpster rental					0				0	500	\$500.00			
5	Install new Typar building wrap 9x150'		R	4	318	1272	SF	4000	0.1	400		\$1,672.00			
6						0				0		\$0.00			
7	East gable end 50'4" x 14' 8" = 739 sf - (14x16=224 sf) = 515 SF X 1.10 = 566		SF	570	1	570	SF	570	2	1140		\$1,710.00			
8	South side 14' x100' = 1400 sf - windows		SF	1400	1	1400	SF	1400	2	2800		\$4,200.00			
9	West gable end 50'4" x 14' 8" = 739 sf - (14x16=224 sf) = 515 SF X 1.10 = 566		SF	570	1	570	SF	570	2	1140		\$1,710.00			
10	North side 14' x100' = 1400 sf		SF	1400	1	1400	SF	1400	2	2800		\$4,200.00			
11						0				0		\$0.00			
12	Corners 4x 15' = 60lf (Harvey 5"x20' white)		P	4	78	312				0		\$312.00			
13	J Channel (Harvey 5/8 12' 40 per box)		Box	\$1	171.2	171.2				\$0		\$171.20			
14	Aluminum Starter Strip (10' 50 pcs/ct)		Box	1	162.5	162.5				0		\$162.50			
15	Top Strip undersill trim (12'6" 48 pcs/ct)		Box	1	297.6	297.6				0		\$297.60			
16	Reuse door and window aluminum trim ????					0				0		\$0.00			
17	Fasteners 1 1/4 aluminum siding nails		Box	10	8.51	85.1				0		\$85.10			
18	Misc		BP	1	250	250				0		\$250.00			
19						0				0		\$0.00			
20						0				0		\$0.00			
21						0				0		\$0.00			
22						0				0		\$0.00			
23						0				0		\$0.00			
24						0				0		\$0.00			
25						0				0		\$0.00			
26						0				0		\$0.00			
27						0				0		\$0.00			
28						0				0		\$0.00			
					<b>Sub Totals</b>		\$6,490			\$10,250	\$500	\$17,240			
										<b>Contingency</b>		<b>10%</b>	\$1,724		
										<b>Overhead &amp; Supervision</b>		<b>15%</b>	\$2,845		
										<b>Profit</b>		<b>5%</b>	\$1,090		
										<b>Total Estimate</b>			<b>\$22,900</b>		
										<b>Markup Multiplier</b>			<b>132.83%</b>		

## Plainfield Town Garage Study Group Replace Overhead Doors and Windows

<b>Town of Plainfield</b>			<b>Owner Name</b>						<b>Job Number</b>		<b>Town Garage Repair</b>				
110 Main St, PO Box 380			<b>Mail Address</b>						<b>Job Location</b>		Stage Road Plainfield, NH				
Meriden, NH 03770			<b>City State Zip</b>						<b>Job Tele #</b>		603 469 3240				
603 469 3201			<b>Day Telephone</b>						<b>Description</b>						
									<b>Date</b>		4/25/2016				
<b>Task</b>			<b>Materials</b>			<b>Labor</b>			<b>Subs</b>		<b>Totals</b>		<b>Notes</b>		
<b>Task No.</b>	<b>Replace Windows and Overhead Doors</b>		<b>Unit</b>	<b>Unit</b>	<b>Total</b>	<b>Unit</b>	<b>Unit</b>	<b>Total</b>	<b>Sub</b>	<b>Total</b>	<b>Allowances Alternates</b>				
	<b>Description</b>		<b>Unit</b>	<b>Amts.</b>	<b>Cost</b>	<b>Mat.</b>	<b>Unit</b>	<b>Amt.</b>	<b>Cost</b>	<b>Labor</b>	<b>Bid</b>	<b>Item</b>	<b>Specs &amp; Exceptions</b>		
1										0	\$0.00				
2	Supply and install new overhead door track and openers		P	2	4000	8000				0	\$8,000.00	Overhead Door of Rutland installed phone quote			
3										0	\$0.00				
4										0	\$0.00				
5	Replace Windows, foam insulation, intertior trim									0	\$5,230.00	Estimate by Brad Atwater			
6										0	\$0.00				
7										0	\$0.00				
8	Note:									0	\$0.00				
9	West overhead door and springs were replaceed recently,									0	\$0.00				
10	East overhead door still has original tracks and openers									0	\$0.00				
11										0	\$0.00				
12										0	\$0.00				
13										0	\$0.00				
14										0	\$0.00				
15										0	\$0.00				
16										0	\$0.00				
17										0	\$0.00				
18										0	\$0.00				
19										0	\$0.00				
20										0	\$0.00				
21										0	\$0.00				
22										0	\$0.00				
23										0	\$0.00				
24										0	\$0.00				
25										0	\$0.00				
26										0	\$0.00				
27										0	\$0.00				
28										0	\$0.00				
<b>Sub Totals</b>					\$8,000					\$0	\$0	\$13,230			
										<b>Contingency</b>		<b>10%</b>	\$1,323		
										<b>Overhead &amp; Supervision</b>		<b>15%</b>	\$2,183		
										<b>Profit</b>		<b>5%</b>	\$837		
										<b>Total Estimate</b>		<b>\$17,573</b>			
										<b>Markup Multiplier</b>		<b>132.83%</b>			

## Plainfield Town Garage Study Group Mezzanine Floor Repair

<b>Town of Plainfield</b>			<b>Owner Name</b>						<b>Job Number</b>		<b>Town Garage Repair</b>			
110 Main St, PO Box 380			<b>Mail Address</b>						<b>Job Location</b>		Stage Road Plainfield, NH			
Meriden, NH 03770			<b>City State Zip</b>						<b>Job Tele #</b>		603 469 3240			
603 469 3201			<b>Day Telephone</b>						<b>Description</b>		Mezzanine Floor Repair			
									<b>Date</b>		4/25/2016			
<b>Task</b>			<b>Materials</b>			<b>Labor</b>			<b>Subs</b>		<b>Totals</b>		<b>Notes</b>	
<b>Task</b>			<b>Unit</b>			<b>Unit</b>			<b>Sub</b>		<b>Total</b>		<b>Allowances Alternates</b>	
<b>No.</b>			<b>Description</b>			<b>Unit</b>			<b>Amts.</b>		<b>Cost</b>		<b>Specs &amp; Exceptions</b>	
1	Clean out space so work can be performed				0	H	4	50	200		\$200.00	Rich ?		
2					0	SF			0		\$0.00			
3	Remove drywall ceiling as needed, not necessary		SF		0	P			0		\$0.00			
4					0	Ton			0		\$0.00			
5	Dumpster, not necessary		P		0				0		\$0.00			
6	Dump Fees, not necessary		Ton		0				0		\$0.00			
7					0				0		\$0.00			
8	Reinforce joist, not necessary		P		0				0		\$0.00			
9					0				0		\$0.00			
10	Rebuild double 2x10 header, 2x10 x 12'		P	1	20	H	5	40	200		\$220.00			
11					0				0		\$0.00			
12	Install Joist hangers as needed		P	10	2.5	H	3	40	120		\$145.00			
13					0				0		\$0.00			
14	Fasteners, bolts nail etc		BP	1	250				0		\$250.00			
15					0				0		\$0.00			
16	<b>Etc.</b>				0				0		\$0.00			
17	<b>Note:</b>				0				0		\$0.00			
18	Brad and I met at the town garage on 4/4/16 to look at this work and				0				0		\$0.00			
19	concluded, that it probably wasn't necessary to work on the joist under the				0				0		\$0.00			
20	lunch room area, the floor feel pretty solid and that the partitions probably				0				0		\$0.00			
21	are working as load bearing walls. If Miles insist maybe we can add				0				0		\$0.00			
22	2x6,8 or 10 to the side of the walls and push tight to floor joist				0				0		\$0.00			
23					0				0		\$0.00			
24					0				0		\$0.00			
25					0				0		\$0.00			
26					0				0		\$0.00			
27					0				0		\$0.00			
28					0				0		\$0.00			
			<b>Sub Totals</b>			\$295			\$520	\$0	\$815			
									<b>Contingency</b>	10%	\$82			
									<b>Overhead &amp; Supervision</b>	15%	\$134			
									<b>Profit</b>	5%	\$52			
									<b>Total Estimate</b>		<b>\$1,083</b>			
									<b>Markup Multiplier</b>		<b>132.83%</b>			

# Plainfield Town Garage Study Group

## New Standing Seam Roof Quotes

Michael O'Leary 8/12/2016

Town of Plainfield			Owner Name			Job Number			Town Garage Repair				
110 Main St, PO Box 380			Mail Address			Job Location			Stage Road Plainfield, NH				
Meriden, NH 03770			City State Zip			Job Tele #			603 469 3240				
603 469 3201			Day Telephone			Description			New Standing Seam Roof Quotes				
						Date			4/25/2016				
Task			Materials			Labor			Subs		Totals	Notes	
New Standing Seam Roof Quotes													
Task	Description		Unit	Unit	Total	Unit	Unit	Total	Sub	Total	Allowances Alternates		
No.	Description		Unit	Amts.	Cost	Mat.	Unit	Amt.	Cost	Labor	Bid	Item	Specs & Exceptions
1					0					0		\$0.00	
2	Remove and replace standing seam roof				0					0		\$0.00	
3					0					0		\$0.00	
4	Jeff Acker, (DBA Home Partners)				0					0	31000	\$31,000.00	This quote is a couple years old and should be updated
5					0					0		\$0.00	if the town is serious about putting another Standing seam
6					0					0		\$0.00	roof on the building.
7					0					0		\$0.00	
8					0					0		\$0.00	
9					0					0		\$0.00	
10	MadCow Roofing, Inc.				0					0	44000	\$44,000.00	This quote is a couple years old also
11					0					0		\$0.00	
12					0					0		\$0.00	See actual vendor quotes for additional information
13					0					0		\$0.00	
14					0					0		\$0.00	
15					0					0		\$0.00	
16					0					0		\$0.00	
17					0					0		\$0.00	
18					0					0		\$0.00	
19					0					0		\$0.00	
20					0					0		\$0.00	
21					0					0		\$0.00	
22					0					0		\$0.00	
23					0					0		\$0.00	
24					0					0		\$0.00	
25					0					0		\$0.00	
26					0					0		\$0.00	
27					0					0		\$0.00	
28					0					0		\$0.00	
					<b>Sub Totals</b>	\$0				\$0	\$75,000	\$75,000	
											<b>Contingency</b>	<b>10%</b>	\$7,500
											<b>Overhead &amp; Supervision</b>	<b>15%</b>	\$12,375
											<b>Profit</b>	<b>5%</b>	\$4,744
											<b>Total Estimate</b>		<b>\$99,619</b>
											<b>Markup Multiplier</b>		<b>132.83%</b>