



MINUTES

TOWN OF NORTON

RECEIVED
NORTON TOWN CLERK
2022 MAY 17 AM 8:34

Town Clerk Date/ Time Stamp

Board/ Committee: Permanent Building Committee

Meeting Date: April 19, 2022 Time: 6:00 PM

Meeting Location: Zoom

Members & Staff Present: Dinah O'Brien, James Slattery, Mark Gershman, Bob Brisco, Brian Bechet, Steve Kirby, Michael Yunits, Jack Conway, Bonnie Yezukevich, Michael Viverois (DBVW), Ed Cifune (DBVW), Allen Fuller (Fire), Estelle Flett (VA), Gloria Barker (Food Pantry)

Public: P. Wiggins, C. Devean, J. Brisco

Meeting called to order at: 6:00 PM and adjourned at: 7:36 PM

Meeting Motions / Actions and Summary of Discussions:

A. Meeting Minutes

Committee Meeting Minutes from the February 15, 2022, March 15, 2022, and March 18, 2022 Committee meetings were approved.

B. Mail / Correspondence

N/A

C. School Department Update

J. Slattery provided an update on the Athletic Complex Project. Four bid responses were received with Lynch approved by the School Department as the apparent low bidder with a bid of \$5.8 million. Construction is anticipated to start in May 2022 and be completed by November 2022.

Funding for the sewer connection will be requested through Town Meeting. M. Yunits indicate the Town received \$5 million under the American Rescue Plan Act to be used for sewer infrastructure improvements.

D. Town Hall / Community Center

The Committee was asked to attend the May 11, 2022 Select Board meeting to provide an update on the Town Hall and Senior Center projects.

Senior Center

M. Viverois presented the latest Senior Center revisions that provide a more efficient use of the building's footprint along with some revisions to the site layout (parking and circulation). The changes to the building include less office / administration area and slightly large program space. Parking in front of the building was moved closer to Route 140 providing space to allow circulation and drop off. The stone wall along Route 140 and the sign were removed due to cost.

OPM S. Kirby and DBVW presented the Schematic Design Estimate for the Senior Center project prepared by PM&C. SD Estimate is \$8,226,742 for construction, OPM added Soft Costs and Other Expenses which brings the total project cost to \$11,007,306, about \$102,693 below the amount authorized by the Town (\$11,110,000).

Several additional design options were discussed:

Commercial Kitchen	\$42,240 (currently included in SD cost estimate)
Acoustic Sliding Door	\$14,067
HVAC Upgrade	\$148,045
Emergency Generator	\$99,000 (upsized generator for cooling & heating center)
Wood Fence	\$19,360 (along north side of property)

Including a commercial kitchen and upsized generator need to be decided now as these elements need to be designed into the project within the design development phase, they cannot be added later.

A possible deduct item was discussed to change the windows to a less expensive option.

Committee discussed the various design options.

- Moton was made, seconded and unanimously approved by the Committee to include a larger emergency generator to allow the facility to act as a cooling and heating shelter for the Town.
- Moton was made, seconded and unanimously approved by the Committee to include a standard kitchen within the facility as originally planned.
- Moton was made, seconded and unanimously approved by the Committee to have DBVW move the Senior Center into the design development phase.

Discussion on long-lead time items, color selections, and need for a bi-directional amplifier (fire department communications). Color selections should be made by a small group that includes the end user.

Town Hall

M. Viverois presented some minor revisions to the Town Hall building, first floor Select Board meeting room and the entrance way. A flat roof is now proposed over the entrance way. The Schematic Design for the Town Hall has been forwarded to the estimator to prepare an SD Estimate.

DBVW

As requested by the OPM, two change orders were submitted by DVBW for acoustical and audiovisual consulting services by their subconsultant, Acentech. The Committee voted to approve the two change orders for execution by the Town.

Senior Center - \$64,500 (Acoustical Consulting \$12,000 & Audiovisual Consulting \$52,500)
Town Hall - \$89,000 (Acoustical Consulting \$18,000, Audiovisual Consulting \$57,000, and Audiovisual Equipment Selection \$14,000)

Miscellaneous

GZA will be performing a hazardous material survey at the Senior Center property (existing structures) on April 27, 2022 and at the Town Hall on April 28, 2022. Asbestos has been found within the existing structure on the Senior Center property (boiler, and other locations).

Weston & Sampson is proceeding with the Sewer Connection Alternatives Analysis for the Municipal Complex and has requested sewer design flows from DBVW's subconsultant.

Next Meeting(s):

May 9, 2022 6:00 PM Committee Meeting – Norton Senior Center

May 11, 2022 7:00 PM Select Board Meeting - Norton Library

Minutes respectfully submitted by: Mark Gershman, PBC Clerk

Minutes Approved by Committee on: May 9, 2022

Chairperson Signature: Wanda L. O'Brien

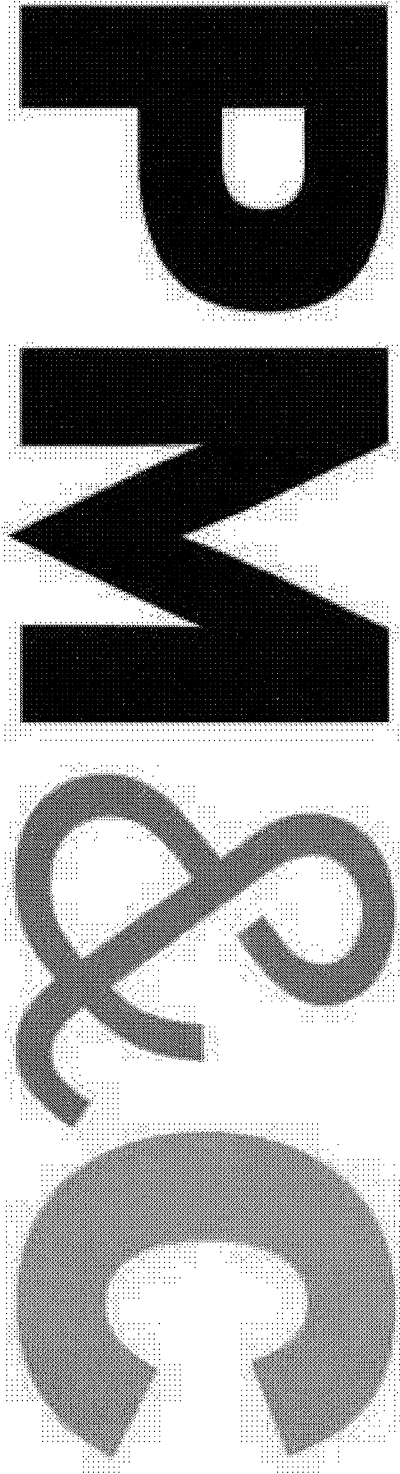
VERTEX

Norton Senior Center, Norton, MA

Total Project Budget - 4/17/22 DRAFT
Update - 4/18/22

WORKING DRAFT

	Conceptual Design Feb 2021		Schematic Design 4/18/22 PM&C Rev 3	
Total Appropriation to date	\$ 11,110,000.00		\$ 11,110,000.00	
HARD COSTS:				
	Update	Notes	Update	Notes
Construction -	\$ 8,000,000.00	11,850 SF	\$ 6,252,792.00	11,875 SF \$692.78/SF
Escalation		\$675.10/SF	\$ 250,112.00	4% To Nov 2022
Design Contingency			\$ 625,279.00	10%
General Condition/Requirements			\$ 712,818.00	10%
Bond			\$ 57,025.00	0.80%
Insurance			\$ 89,102.00	1.25%
Permit				waived
OH/P			\$ 239,614.00	3%
Subtotal	\$ -		\$ 8,226,742.00	
Alt #1 - Upgraded Kitchen - \$40,960			\$ 42,240.00	
Alt #2 - Add Acoustic Sliding Door - \$14,067			\$ -	
Alt #3 - HVAC Upgrade - \$148,045			\$ -	
Alt #4 - Upsized Emergency Generator - \$96,000			\$ -	
Alt #5 - New Wood Fence - \$19,360				
Subtotal			\$ 8,268,982.00	
Construction Contingency	\$ 600,000.00		\$ 413,449.10	5.0%
Hard Cost Total	\$ 8,600,000.00		\$ 8,682,431.10	
SOFT COSTS:				
A/E Fees - DBVW				
SD/DD/CD/Bidding/CA/Closeout	\$ -		\$ 901,978.00	Contract
Add services	\$ -			
Alt #1 - Acoustical services			\$ 12,000.00	Pending
Alt #2 - AV desing services			\$ 52,500.00	Pending
A/E reimbursables	\$ -		<i>Included in DBVW</i>	Contract
A/E Fee Total	\$ -		\$ 966,478.00	
OPM Fees - Vertex				
SD/DD/CD/Bid/CA/Closeout	\$ -		\$ 641,689.00	Contract
				12 months CA
OPM Fee Total	\$ -		\$ 641,689.00	
Other				
Moving	\$ -		\$ 25,000.00	
FF&E	\$ -		\$ -	
Furniture - interior and exterior			\$ 205,000.00	WB Mason quote
Exercise equipment			\$ 10,000.00	
Office equipment			\$ 30,000.00	
Kitchenwares			\$ 12,000.00	
Maintenance supplies			\$ 10,000.00	
Activity supplies			\$ 5,000.00	
Owner Testing & Inspections - Ch 17 - Construction materials	\$ -		\$ 30,000.00	
Haz Mat Design, Testing, and Monitoring	\$ -		\$ 20,000.00	
Soil testing/monitoring during construction	\$ -		<i>Included in DBVW</i>	
Borings/Test Pits	\$ -		<i>Included in DBVW</i>	
Advertisement/Printing	\$ -		\$ 8,000.00	
Legal	\$ -		\$ 10,000.00	
BR Insurance by Owner	\$ -		\$ -	NA
HVAC commissioning	\$ -		\$ 35,000.00	
Building Envelope commissioning	\$ -		\$ 20,000.00	
IT by Owner	\$ -		\$ 35,000.00	
Telephone by Owner	\$ -		\$ 30,000.00	
Security by Owner	\$ -		<i>Included in construction</i>	
AV by Owner	\$ -		\$ 50,000.00	Partial in construction
Utility BCs	\$ -		\$ 40,000.00	
Permitting	\$ -		\$ 20,000.00	
Planning Board peer review costs	\$ -		\$ 11,000.00	
Other Total	\$ -		\$ 606,000.00	
Soft Cost Subtotal	\$ 1,500,000.00		\$ 2,214,167.00	
Soft cost contingency	\$ 125,000.00		\$ 110,708.35	5%
Subtotal	\$ 1,625,000.00		\$ 2,324,875.35	
Total	\$ 10,225,000.00		\$ 11,007,306.45	
Allowances - Site Purchase/Park Replacement	\$ 850,000.00		\$ -	
Escalation to Fall 2022	\$ -		\$ -	Add 2% beyond PM&C's 3%
Total	\$ 11,075,000.00		\$ 11,007,306.45	
Less funds appropriated at 5/8/21 Town Meeting	\$ (11,110,000.00)		\$ (11,110,000.00)	
REMAINING BUDGET	\$ (35,000.00)	Under budget	\$ (102,693.55)	Under budget



Schematic Design Estimate

Norton Senior and Community Support Center

New Construction

Norton, MA

PM&C LLC

20 Downer Ave, Suite 5
Hingham, MA 02043

(T) 781-740-8007

(F) 781-740-1012

Prepared for:

DBVW Architects

April 18, 2022



Norton Senior and Community Support Center
 New Construction
 Norton, MA

18-Apr-22

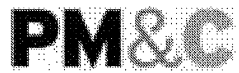
Schematic Design Estimate

MAIN CONSTRUCTION COST SUMMARY

	Construction Start	Gross Floor Area	\$/sf	Estimated Construction Cost
NEW CONSTRUCTION				
	Nov-22			
NEW BUILDING		11,875	\$397.77	\$4,723,578
REMOVE HAZARDOUS MATERIALS				\$30,000
DEMOLISH EXISTING BUILDINGS		6,072	\$6.00	\$36,432
SITework				\$1,462,782
REMOVE CONTAMINATED SOILS				TBD
SUB-TOTAL		11,875	\$526.55	\$6,252,792
ESCALATION (to start of construction at 6.0% per year)	4.0%			\$250,112
DESIGN AND PRICING CONTINGENCY	10.0%			\$625,279
SUB-TOTAL		11,875	\$600.27	\$7,128,183
GENERAL CONDITIONS/REQUIREMENTS	10.0%			\$712,818
BOND	0.80%			\$57,025
INSURANCE GL/PL	1.25%			\$89,102
PERMIT				Waived
OVERHEAD + PROFIT	3.00%			\$239,614
TOTAL OF ALL CONSTRUCTION		11,875	\$692.78	\$8,226,742

ALTERNATES (Includes all Markups)

A#1	Upgraded Kitchen	ADD	\$42,240
A#2	Add Acoustic Sliding Door	ADD	\$14,507
A#3	HVAC Upgrade	ADD	\$152,671
A#4	Upsized Emergency Generator	ADD	\$99,000



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

A#5 New Wood Fence

ADD

\$19,965



Norton Senior and Community Support Center

New Construction

Norton, MA

18-Apr-22

Schematic Design Estimate

This Schematic Design cost estimate was produced from drawings and specifications prepared by DBVW Architects and their design team dated March 30th, 2022. Design and engineering changes occurring subsequent to the issue of these documents have not been incorporated in this estimate.

This estimate includes all direct construction costs, general contractors overhead, fee and design contingency. Cost escalation assumes start dates indicated.

Bidding conditions are expected to be public bidding to pre-qualified general contractors, and pre-qualified sub-contractors, open specifications for materials and manufacturers.

The estimate is based on prevailing wage rates for construction in this market and represents a reasonable opinion of cost. It is not a prediction of the successful bid from a contractor as bids will vary due to fluctuating market conditions, errors and omissions, proprietary specifications, lack or surplus of bidders, perception of risk, etc. Consequently the estimate is expected to fall within the range of bids from a number of competitive contractors or subcontractors, however we do not warrant that bids or negotiated prices will not vary from the final construction cost estimate.

ITEMS NOT CONSIDERED IN THIS ESTIMATE

Items not included in this estimate are:

- Land acquisition, feasibility, and financing costs
- All professional fees and insurance
- Site or existing conditions surveys investigations costs, including to determine subsoil conditions
- All Furnishings, Fixtures and Equipment
- Items identified in the design as Not In Contract (NIC)
- Owner supplied and/or installed items as indicated in the estimate
- Utility company back charges, including work required off-site
- Work to City streets and sidewalks, (except as noted in this estimate)
- Construction contingency
- Town fiber optic loop extension to site



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

CONSTRUCTION COST SUMMARY IN CSI FORMAT				
		<i>BUILDING</i>	<i>SITE WORK</i>	
			<i>Subtotal</i>	<i>Total</i>
SUMMARY NEW CONSTRUCTION				
DIV. 3 CONCRETE				
033000 Cast-in-Place Concrete	\$268,903		\$268,903	\$268,903
DIV. 4 MASONRY				
040001 Unit Masonry				
DIV. 5 METALS				
051000 Metal Fabrications	\$32,918	\$94,118	\$32,918	\$94,118
051200 Structural Steel Framing	\$61,200		\$61,200	
DIV. 6 WOODS & PLASTICS				
061000 Rough Carpentry	\$376,527	\$581,875	\$376,527	\$581,875
064100 Architectural Woodwork	\$205,348		\$205,348	
DIV. 7 THERMAL & MOISTURE PROTECTION				
070001 Waterproofing, Dampproofing and	\$62,980	\$865,784	\$62,980	\$865,784
070002 Roofing and Flashing	\$354,203		\$354,203	
072100 Thermal Insulation	\$163,714		\$163,714	
076400 Wall cladding	\$253,888		\$253,888	
078400 Firestopping	\$5,000		\$5,000	
079000 Joint Sealers	\$25,999		\$25,999	
DIV. 8 DOORS & WINDOWS				
081110 Doors, Frames and Hardware	\$46,970	\$232,585	\$46,970	\$232,585
083100 Access Doors and Frames	\$2,500		\$2,500	
083323 Overhead Doors	\$2,160		\$2,160	
084110 Aluminum Framed Entrances and Storefronts	\$44,930		\$44,930	
085200 Wood Windows	\$79,010		\$79,010	
087100 Door Hardware	\$40,900		\$40,900	
088000 Glass and Glazing	\$14,500		\$14,500	
089000 Louvers	\$1,615		\$1,615	
DIV. 9 FINISHES				
090002 Tiling	\$67,190	\$510,377	\$67,190	\$510,377
090003 Acoustical Ceilings	\$86,198		\$86,198	
090005 Resilient Flooring	\$35,859		\$35,859	
090007 Painting	\$64,493		\$64,493	
092900 Gypsum Board Assemblies	\$194,195		\$194,195	
096810 Carpet	\$53,322		\$53,322	
098413 Sound Absorbing Panels	\$9,120			
DIV. 10 SPECIALTIES				
101100 Visual Display Surfaces	\$2,359	\$90,475	\$2,359	\$90,475
101200 Display Cases	\$15,520		\$15,520	
101400 Signage	\$19,796		\$19,796	
102110 Toilet Compartments	\$8,550		\$8,550	
102600 Wall Protection	\$2,000		\$2,000	
102800 Toilet Accessories	\$14,750		\$14,750	
103000 Fireplaces	\$25,000		\$25,000	
104300 AED	\$1,100		\$1,100	
104400 Fire Protection Specialties	\$1,400		\$1,400	
105123 Operable Partitions				
DIV. 11 EQUIPMENT				
113100 Appliances	\$1,000	\$50,500		\$49,500
114000 Food Service Equipment	\$45,000		\$45,000	
115213 Projection Screens	\$4,500		\$4,500	
116600 Equipment				
DIV. 12 FURNISHINGS				
122100 Window Shades	\$7,248	\$7,248	\$7,248	\$7,248
124810 Entrance Mats and Frames				



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

CONSTRUCTION COST SUMMARY IN CSI FORMAT				
	<i>BUILDING</i>	<i>SITE WORK</i>	<i>Subtotal</i>	<i>Total</i>
SUMMARY NEW CONSTRUCTION				
DIV. 13 SPECIAL CONSTRUCTION				
DIV. 21 FIRE SUPPRESSION		\$130,550		\$130,550
210000 Fire Protection	\$130,550		\$130,550	
DIV. 22 PLUMBING		\$327,380		\$327,380
220000 Plumbing	\$327,380		\$327,380	
DIV. 23 HVAC		\$895,715		\$895,715
230000 HVAC	\$895,715		\$895,715	
DIV. 26 ELECTRICAL		\$597,646		\$597,646
260000 Electrical	\$597,646		\$597,646	
DIV. 31 EARTHWORK		\$70,422	\$235,652	\$306,074
311000 Site Preparation		\$126,743	\$126,743	
311100 Erosion Control				
312000 Earthwork	\$70,422	\$81,755	\$152,177	
312500 Erosion control		\$27,154	\$27,154	
316600 Ground Improvement				
DIV. 32 EXTERIOR IMPROVEMENTS			\$533,987	\$533,987
320000 Paving		\$355,375	\$355,375	
323000 Site Improvements		\$45,705	\$45,705	
329200 Landscaping		\$132,907	\$132,907	
DIV. 33 UTILITIES			\$693,143	\$693,143
331000 Water Utilities		\$63,710	\$63,710	
333000 Sanitary Sewerage Utilities		\$101,940	\$101,940	
334000 Storm Drainage Utilities		\$322,825	\$322,825	
335000 Gas services		\$5,368	\$5,368	
336000 Electrical services		\$199,300	\$199,300	
SUBTOTAL DIRECT (TRADE) COST	\$4,723,578	\$1,462,782		\$6,176,240



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

GFA

11,875

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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NEW BUILDING

First Floor

11,875

Unoccupied attic space (not included in GSF)

11,875

TOTAL GROSS FLOOR AREA (GFA)

11,875 sf

03 - CONCRETE

033000 CONCRETE

Standard Foundations

Strip Footings	66	CY
Foundation Walls	70	CY
Spread Footings	17	CY
Piers	5	CY

Total Foundation Concrete 158 CY

Continuous Footings & Walls

Continuous footings - 36" wide

Formwork	1,134	sf	14.00	15,876
Re-bar	4,761	lbs.	2.00	9,522
Concrete material	66	cy	125.00	8,250
Placing concrete	66	cy	60.00	3,960

Thickened slab at interior load bearing walls: allow

Formwork	392	sf	12.00	NR
Re-bar	3,220	lbs.	2.00	6,440
Concrete material	28	cy	125.00	3,500
Placing concrete	28	cy	60.00	1,680

Foundation walls

Formwork	4,172	sf	18.00	75,096
Re-bar	8,050	lbs.	2.00	16,100
Concrete material	70	cy	125.00	8,750
Placing concrete	70	cy	65.00	4,550
Form shelf	596	lf	7.50	4,470
Hand rubbed exposed concrete	596	sf	4.00	2,384

Spread Footings - perimeter (attached)

Formwork	133	sf	14.00	224
Re-bar	805	lbs.	2.00	1,610
Concrete material	7	cy	125.00	125
Placing concrete	7	cy	200.00	1,400
Set anchor bolts grout plates	6	ea	165.00	990

Spread Footings - Interior

Formwork	108	sf	14.00	1,512
Re-bar	690	lbs.	2.00	1,380
Concrete material	6	cy	125.00	750
Placing concrete	6	cy	200.00	1,200
Set anchor bolts grout plates	3	ea	165.00	495

Spread Footings - Exterior

Formwork	148	sf	14.00	896
Re-bar	460	lbs.	2.00	920
Concrete material	4	cy	125.00	250
Placing concrete	4	cy	200.00	800
Set anchor bolts grout plates	11	ea	165.00	1,815

Piers/Pilasters



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

GFA

11,875

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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NEW BUILDING

55	Formwork	360	sf	14.00	5,040		
56	Re-bar	575	lbs.	2.00	1,150		
57	Concrete material	5	cy	125.00	625		
58	Placing concrete	5	cy	200.00	1,000		
59	Lowest Floor Construction						
60	<u>Slab on grade- 4"</u>	11,875	sf				
61	Vapor barrier	11,875	sf	1.00	11,875		
62	WWF reinforcement	13,656	sf	1.50	20,484		
63	Concrete - 4" thick	154	cy	125.00	19,250		
64	Placing concrete	154	cy	49.50	7,623		
65	Finishing and curing concrete	11,875	sf	1.80	21,375		
66	Sawcut full depth control joints	11,875	sf	0.22	2,613		
67	<u>Miscellaneous</u>						
68	Equipment pads	1	ls	2,500.00	2,500		
69	Loading dock	1	ls		assumed NR		
70	Sealed concrete flooring at mechanical and janitors closet, allow	282	sf	1.50	423		
71	Radon trench and pit				NIC		
72	SUBTOTAL					268,903	

TOTAL - CONCRETE

\$268,903

05 - METALS

051200 STRUCTURAL STEEL FRAMING

Roof Construction

80	Structure at roof	12	tns	5,000.00	60,000		
81	Premium HSS	3	tns	400.00	1,200		
82	SUBTOTAL					61,200	

054000 COLD FORM METAL FRAMING

With Div 9 (backup walls)

SUBTOTAL

055000 METAL FABRICATIONS

Interiors

90	Attic access stairs/ladder	1	loc	3,500.00	3,500		
91	Miscellaneous metals throughout building	11,875	gsf	1.00	11,875		
92	Miscellaneous metals to exterior wall framing; hardware, ties etc.	7,332	sf	1.00	7,332		
93	Misc. anchors bolts, plates as req'd for roof framing	1	ls	10,211.05	10,211		
94	SUBTOTAL					32,918	

TOTAL - METALS

\$94,118

06 - WOOD, PLASTICS AND COMPOSITES

061000 ROUGH CARPENTRY

Attic Construction

103	2x12 ceiling joists	11,875	sf		w/ prefab trusses below		
104	3/4" plywood at attic floor, at MEP access area	2,352	sf	3.00	7,056		
105	3/4" plywood at attic floor, remaining areas	9,523	sf	3.00	NR		
106	2x4 wood guardrail at perimeter	603	lf	13.50	8,141		
107	<u>Roof Construction</u>						
108	5/8" roof sheathing including overhangs	16,770	sf	4.00	Included with Asphalt Roofing		
109	2x8 double wood plate bolted, perim of pitched roof	596	lf	9.50	5,662		
110	Framing/blocking at roof perimeter	596	sf	7.50	4,470		



Norton Senior and Community Support Center
New Construction
Norton, MA

18-Apr-22

Schematic Design Estimate

GFA

11,875

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
NEW BUILDING							
111	Double 2x8 bolted to steel	319	lf	14.50	4,626		
112	Column, 5 1/4" x 5 1/4" P.T. PSL	6	ea	50.00	300		
113	LVL beams	130	lf	35.00	4,550		
114	Dormer framing premium; complete	4	loc	3,000.00	12,000		
115	Misc. framing	11,875	gsf	1.00	11,875		
116	<u>Prefabricated truss</u>						
117	Wood mono pitch truss, 7' 6" span	16	ea	90.00	1,440		
118	Wood truss, 26' 4" span	5	ea	291.96	1,460		
119	Wood truss, 28' 0" span	7	ea	336.00	2,352		
120	Wood truss, 29' 0" span	15	ea	348.00	5,220		
121	Wood truss, 32' 0" average (59' - 5') span at valley	18	ea	384.00	6,912		
122	Wood truss, 42' 0" span	75	ea	504.00	37,800		
123	Wood truss, 63' 0" span	24	ea	756.00	18,144		
124	Wood truss, 63' 0" span, double	2	ea	1,512.00	3,024		
125	Wood truss, double, 42' 0" span	6	ea	504.00	3,024		
126	Wood truss, double, 63' 0" span	3	ea	756.00	2,268		
127	Wood truss, open, 17' 0" average (29' - 5') span at valley	7	ea	204.00	1,428		
128	Wood truss, open, 34' 6" average (63' - 6') span at valley	9	ea	414.00	3,726		
129	Wood heavy duty truss, 42' 0" span, exposed truss	7	ea	1,470.00	10,290		
130	Installation/Temp bracing/Hangers/Fasteners	194	ea	225.00	43,650		
131	Crane to set trusses	5	days	4,000.00	20,000		
132	<u>Framing/Exterior Wall</u>						
133	8" wood stud w3/4" plywood sheathing	7,332	sf	9.50	69,654		
134	Wood blocking at exterior windows	887	lf	4.00	3,548		
135	Wood blocking at exterior door openings	88	lf	4.00	352		
136	<u>Interior</u>						
137	2x4 stud; GWB taken below	1,881	sf	4.00	7,524		
138	2x6 stud; GWB taken below	9,944	sf	5.00	49,720		
139	Premium for bearing wall	2,156	sf	6.00	12,936		
140	Wood blocking at interiors	11,875	gsf	1.00	11,875		
141	Wood blocking at interior doors/partitions					with GWB	
142	Backer panels in electrical closets	1	ls	1,500.00	1,500		
143	SUBTOTAL						376,527
144							
145	064100 ARCHITECTURAL WOODWORK						
146	<u>Exterior</u>						
147	Exposed structural douglas fir deck to overhang at entry and rear porch	1,674	sf	18.00	30,132		
148	<u>Interior</u>						
149	Stile and rail wood wainscoting at corridors and multi purpose room; assumed 3'-0" high	1,155	sf	60.00	69,300		
150	Bathroom vanities with engineered stone counters at gang bathrooms	14	lf	400.00	5,600		
151	Interior window sill	168	lf	45.00	7,560		
152	Exterior window sill	162	lf			See Div#7	
153	Interior window perimeter trim	807	lf	12.00	9,684		
154	WB1 - Wood base	484	lf	8.00	3,872		
155	<u>Millwork/Casework per Room</u>						
156	<i>Lobby, Cafe, Admin & Vestibule</i>						
157	Reception desk	16	lf	937.50	15,000		
158	Custom millwork base cabinet, w/display board	10	lf	1,000.00	10,000		
159	Base cabinet	8	lf	450.00	3,600		
160	Tops	18	lf	150.00	2,700		
161	Solid surface work counter	11	lf	250.00	2,750		



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Schematic Design Estimate

GFA

11,875

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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NEW BUILDING

162	Bench	6	lf	450.00	FFE		
163	Wellness center						
164	Cubbies with coat hooks	4	lf	650.00	FFE		
165	Exercise ball storage/racking	13	lf	250.00	FFE		
166	Arts & Crafts						
167	Base cabinet	12	lf	250.00	3,000		
168	Tops	12	lf	150.00	1,800		
169	Upper cabinets	12	lf	250.00	3,000		
170	Multipurpose rooms						
171	Solid surface shutter counter	7	lf	250.00	1,750		
172	Solid surface coffee counter	5	lf	250.00	1,250		
173	Coats shelf/rail	12	lf	150.00	1,800		
174	Offices						
175	Solid surface work counter	10	lf	250.00	2,500		
176	Pantry						
177	Solid surface work counter	10	lf	250.00	2,500		
178	Kitchen						
179	Base cabinet	45	lf	250.00	11,250		
180	Tops	45	lf	150.00	6,750		
181	Nurse						
182	Base cabinet	5	lf	250.00	1,250		
183	Tops	5	lf	150.00	750		
184	Storage						
185	Storage shelving, allow	17	lf	150.00	2,550		
186	Misc. Millwork TBD						
187	Millwork scope yet to be determined	1	ls	5,000.00	5,000		
188	SUBTOTAL					205,348	

TOTAL - WOOD, PLASTICS AND COMPOSITES

\$581,875

07 - THERMAL AND MOISTURE PROTECTION

070002 WATERPROOFING / DAMPPROOFING

Foundations

Dampproofing at foundation walls

assumed not required

Exterior Wall

AVB at siding

7,332 sf 6.00 43,992

Air barrier/flashing at windows and doors

975 lf 4.00 3,900

AVB at roof perimeter

716 lf 8.00 5,728

AVB at soffits

1,170 sf 8.00 9,360

SUBTOTAL

62,980

070002 ROOFING AND FLASHING

Pitched roof

Sloped asphalt shingle roof complete included vented nailboard

16,770 sf 19.00 318,630

Miscellaneous Roofing

Valley

347 lf 15.00 5,205

Change in roof slope

125 lf 10.00 1,250

Ridge, vented

444 lf 22.50 9,990

Dormer flashings

128 lf 15.00 1,920

Aluminum gutters

372 lf 30.00 11,160

Aluminum downspouts

336 lf 18.00 6,048

Snow guards, allowance

180 lf 55.00 NR



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NEW BUILDING

216 SUBTOTAL 354,203

217

072100 THERMAL INSULATION

219 Foundations

220 Insulation - 2" rigid insulation at floor slab 11,875 sf 2.75 32,656

221 Insulation - 1 3/4" rigid mineral wool at perimeter of floor slab, 596 sf 2.50 1,490

222 allow Insulation - 2" rigid insulation at foundation walls 2,384 sf 2.50 NR

223 Exterior Envelope

224 Dense pack cellulose w/cont vapor barrier 7,332 sf 4.50 32,994

225 Roof

226 Closed cell spray foam applied to underside of roof; R-38 15,780 sf 6.12 96,574

227 Interior Walls

228 Batt insulation w/ GWB

229 SUBTOTAL 163,714

230

076400 CLADDING

232 Exterior Wall

233 Fiber cement siding; Hardi or equal, horizontal 5,658 sf 22.00 124,476

234 Fiber cement siding; Hardi or equal, vertical to gables 1,392 sf 24.00 33,408

235 Fiber cement siding; Hardi or equal, horizontal to dormers, including additional cutting 282 sf 30.00 8,460

236 Window sill 168 lf 12.00 2,016

237 Window head trim, 6" 168 lf 12.00 2,016

238 Window jamb trim, 4" 482 lf 10.00 4,820

239 Door trim 88 lf 12.00 1,056

240 Corner boards; 11' high 21 loc 154.00 3,234

241 Corner boards at internal angle; 11' high 17 loc 132.00 2,244

242 Water table trim 596 lf 12.00 7,152

243 Perimeter detail, overlapping fascia, w/1' 6" wide soffit at roofs 311 lf 55.00 17,105

244 Perimeter detail, overlapping fascia, w/1' 6" wide soffit on rake at barge 405 lf 55.00 22,275

245 Horizontal trim, 8" 268 lf 15.00 4,020

246 Staging to exterior wall 8,296 sf 2.00 Included in rates

247 Soffits

248 PVC Column covers, at entrance 4 ea 2,500.00 10,000

249 Cladding to porch column 7 ea 750.00 5,250

250 Synthetic poly ash bead board to porch soffit 454 sf 14.00 6,356

251 SUBTOTAL 253,888

252

077200 ROOF SPECIALTIES

254 Roof hatch assumed NR

255 SUBTOTAL

256

078100 FIREPROOFING

258 Fireproofing to roof NR

259 SUBTOTAL

260

078400 FIRESTOPPING

262 Fire stopping 1 ls 5,000.00 5,000

263 SUBTOTAL 5,000

264

079000 JOINT SEALANTS

266 Exterior Wall



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NEW BUILDING

267	Miscellaneous sealants to closure	7,332	sf	0.50	3,666		
268	Backer rod & double sealant at exterior doors	88	lf	9.00	792		
269	Backer rod & double sealant at exterior windows	887	lf	9.00	7,983		
270	<u>Interior</u>						
271	Caulking at interior doors	673	lf	2.50	1,683		
272	Miscellaneous sealants throughout building	11,875	gsf	1.00	11,875		
273	SUBTOTAL					25,999	

TOTAL - THERMAL AND MOISTURE PROTECTION

\$865,784

08 - OPENINGS

081100 DOORS, FRAMES AND HARDWARE

Exterior Doors

See Aluminum below

See below

Interior Doors & Frames

Furnish HM frames, single

29 ea 255.00 7,395

Furnish HM frames, double

9 ea 300.00 2,700

Install frames

with Div 9

WD panel doors, single

29 leaf 775.00 22,475

WD panel doors, double

9 prs 1,400.00 12,600

Door glazing allowance at multi purpose rooms and vestibule

6 leaf 300.00 1,800

SUBTOTAL

46,970

083100 ACCESS DOORS AND FRAMES

Access doors

1 ls 2,500.00 2,500

SUBTOTAL

2,500

083323 OVERHEAD DOORS

Rolling pass through door at kitchen; allow; 6' x 6'

1 ea 2,160.00 2,160

SUBTOTAL

2,160

084110 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Aluminum storefront at entrance

58 sf 85.00 4,930

Glazed aluminum entrance doors including frame and hardware; single

4 ea 7,000.00 28,000

Glazed aluminum entrance doors including frame and hardware; double

1 pr 12,000.00 12,000

SUBTOTAL

44,930

085200 WOOD WINDOWS

Aluminum clad wood windows including dormer windows; double hung

906 sf 85.00 77,010

Premium for drive thru transaction window at pantry

1 ea 2,000.00 2,000

SUBTOTAL

79,010

087100 DOOR HARDWARE

Exterior door hardware

5 leaf Included in rates

Auto openers allowance to main entrance

2 loc 4,000.00 8,000

Interior Doors

Hardware

47 leaf 700.00 32,900

SUBTOTAL

40,900

088000 GLASS AND GLAZING

Interior glazing

Interior viewing window

160 sf 75.00 12,000



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NEW BUILDING

321	Allowance for misc. interior glazing and mirrors	1	ls	2,500.00	2,500		
322	SUBTOTAL					14,500	
323							
324	089000 FIXED LOUVERS						
325	Aluminum louvers, allow	19	sf	85.00	1,615		
326	SUBTOTAL					1,615	
327							
328	TOTAL - OPENINGS						\$232,585
329							
330							

09 - FINISHES

333	090002 TILE						
334	Porcelain tile flooring at restrooms	639	sf	30.00	19,170		
335	Tile base	266	lf	18.00	4,788		
336	Floor to ceiling ceramic tile on wet restroom walls	864	sf	28.00	24,192		
337	Ceramic tile wainscot to restroom walls	680	sf	28.00	19,040		
338	SUBTOTAL					67,190	
339							
340	090003 ACT						
341	ACT- 2'x2'	8,691	sf	7.00	60,837		
342	ACT- 2'x2', WC	639	sf	8.50	5,432		
343	ACT- 2'x4', kitchen	411	sf	8.50	3,494		
343	Premium for feature ceilings, allow	1	ls	7,500.00	7,500		
344	Premium for multipurpose room ceiling tile	1,787	sf	5.00	8,935		
345	SUBTOTAL					86,198	
346							
347	090005 RESILIENT FLOORS						
348	<u>Floor Finishes</u>						
349	Vinyl wood plank - LVT1	97	sf	6.50	631		
350	Resilient flooring - RF1, Shaw quiet cover	1,947	sf	5.75	11,195		
351	Resilient flooring - RF2, Altro	161	sf	5.75	926		
352	Resilient flooring - RF3	61	sf	6.25	381		
353	Resilient flooring - RF4	411	sf	5.75	2,363		
354	VCT1	1,049	sf	5.50	5,770		
355	WB1 - Wood base	484	lf		See Div#6		
356	WB2 - 4" vinyl	1,621	lf	2.50	4,053		
357	WB3 - 6" RF2 integral	161	lf	4.50	725		
358	<u>Miscellaneous</u>						
359	Sub Floor preparation	3,726	sf	1.00	3,726		
360	Moisture mitigation	3,726	sf	1.50	5,589		
361	Shluter/floor transition allowances	1	ls	500.00	500		
362	SUBTOTAL					35,859	
363							
364	090007 PAINTING						
365	<u>Exterior</u>						
366	Exterior siding/panels/trim	7,332	sf	3.00	21,996		
367	Exterior columns	11	ea	148.50	1,634		
368	Exterior painting/touch-up	1	ls	5,000.00	5,000		
369	<u>Interior Walls</u>						
370	Paint to GWB	24,337	sf	0.80	19,470		
371	Paint window sill/trim	975	lf	2.50	2,438		
372	<u>Ceilings</u>						
373	Paint to gwb ceiling & soffits	1,270	sf	1.50	1,905		
374	<u>Floors</u>						



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NEW BUILDING

375	Concrete sealer	282	sf		carried in concrete		
376	<u>Miscellaneous</u>						
377	Finish interior doors/frames	47	ea	150.00	7,050		
378	Interior painting/touch-up	1	ls	5,000.00	5,000		
379	SUBTOTAL					64,493	
380							
381	092900 GWB						
382	<u>Backup Wall @ Siding</u>						
383	5/8" GWB lining	7,928	sf	3.50	27,748		
384	<u>Interior Partitions</u>						
385	Typ W1B - 2x4 stud (see div#6), insulation, 5/8" gwb b.s.	803	sf	9.50	7,629		
386	Typ W2A - 2x6 stud (see div#6), insulation, 5/8" gwb b.s., rated	484	sf	10.50	5,082		
387	Typ W3B - 2x6 stud (see div#6), insulation, 5/8" gwb b.s.	8,921	sf	9.50	84,750		
388	Typ W3B - 2x6 stud (see div#6), insulation, 5/8" gwb o.s.	154	sf	5.50	847		
389	Typ W4 - 2x6 stud (see div#6), insulation, 5/8" gwb b.s., rated, shaft wall	385	sf	13.25	5,101		
390	Typ W5 - 2#2x4 studs (see div#6), insulation in each, 5/8" gwb o.s.	539	sf	11.00	5,929		
391	Premium for moisture resistant GWB at bathrooms; allowance	2,394	sf	0.50	1,197		
392	In wall blocking	2,052	lf	2.00	4,104		
393	Additional blocking	1	ls	3,000.00	3,000		
394	Acoustical sealants, allow	1	ls	1,000.00	1,000		
395	Install HM frames	38	ea	250.00	9,500		
396	<u>Miscellaneous</u>						
397	FRP paneling	1,430	sf	14.00	20,020		
398	<u>Ceilings</u>						
399	GWB Soffits, horizontal	1,016	sf	14.00	14,224		
400	GWB Soffits, vert	254	sf	16.00	4,064		
401	SUBTOTAL					194,195	
402							
403	096800 CARPETING						
404	<u>Floor Finishes</u>						
405	Carpet tile - CPT-1	3,176	sf	5.90	18,738		
406	Carpet tile - CPT-2	152	sf	5.90	897		
407	Carpet tile - CPT-3	1,748	sf	5.90	10,313		
408	Carpet tile - CPT-4	807	sf	5.90	4,761		
409	Walk off carpet	227	sf	12.50	2,838		
410	<u>Miscellaneous</u>						
411	Sub Floor preparation	6,110	sf	1.00	6,110		
412	Moisture mitigation	6,110	sf	1.50	9,165		
413	Shluter/floor transition allowances	1	ls	500.00	500		
414	SUBTOTAL					53,322	
415							
416	098413 SOUND ABSORBING PANELS						
417	Fabric wrapped acoustic panels (Multipurpose Room)	240	sf	38.00	9,120		
418	SUBTOTAL						
419							
420							
421	TOTAL - FINISHES						\$510,377
422							
423							
424	10 - SPECIALTIES						
425							
426							
427	101100 VISUAL DISPLAY BOARDS						



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NEW BUILDING							
428	Marker boards	28	sf	22.00	616		
429	Tack boards	83	sf	21.00	1,743		
430	Monitor/TV, NIC	3	ea		NIC		
431	SUBTOTAL						2,359
432							
433	101200 DISPLAY CASES						
434	Glass encased bulletin board	4	loc	1,440.00	5,760		
435	Display rail system to corridor/lobby/cafe, allow 100 lf	100	lf	50.00	5,000		
436	Display wall	17	lf	280.00	4,760		
437	SUBTOTAL						15,520
438							
439	101400 SIGNAGE						
440	Entry Sign	1	ls	8,000.00	w/ site		
441	Custom laser cut metal sign, exterior building mounted	1	ea	5,000.00	5,000		
442	Code and wayfinding signage	11,875	gfa	0.35	4,156		
443	Room Signs	47	ea	120.00	5,640		
444	Other signage/graphics	1	ls	5,000.00	5,000		
445	SUBTOTAL						19,796
446							
447	102110 TOILET COMPARTMENTS						
448	<u>Phenolic toilet compartments</u>						
449	ADA	2	ea	1,600.00	3,200		
450	Standard	4	ea	1,200.00	4,800		
451	Urinal Screen	1	ea	550.00	550		
452	SUBTOTAL						8,550
453							
454	102600 CORNER GUARDS						
455	Wall protection	1	ls	2,000.00	2,000		
456	SUBTOTAL						2,000
457							
458	102800 TOILET ACCESSORIES						
459	Individual bathrooms	3	rms	600.00	1,800		
460	Gang bathrooms	2	rms	2,350.00	4,700		
461	Custodian closet	2	rms	500.00	1,000		
462	Shower seat	1	ea	350.00	350		
463	Shower curtain & rod	1	ea	800.00	800		
464	Exam room	1	rms	500.00	500		
465	Curtains/track at Nurse room	1	ea	1,000.00	NR		
466	Premium for hand dryers, allow	7	ea	800.00	5,600		
467	SUBTOTAL						14,750
468							
469	103000 FIREPLACES						
470	Ventless gas fireplace with mantel/surround	1	ls	25,000.00	25,000		
471	SUBTOTAL						25,000
472							
473	104300 DEFIBRILLATOR CABINETS						
474	AED	1	ea	1,100.00	1,100		
475	SUBTOTAL						1,100
476							
477	104400 FIRE PROTECTION SPECIALTIES						
478	Fire extinguisher cabinets	4	ea	350.00	1,400		
479	SUBTOTAL						1,400
480							
481	105113 LOCKERS						
482	Staff lockers				assumed not required		
483	SUBTOTAL						
484							



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NEW BUILDING

TOTAL - SPECIALTIES	\$90,475
----------------------------	-----------------

11 - EQUIPMENT

113100 APPLIANCES

Refrigerator, under counter (Nurse)

1

ea

1,000.00

1,000

SUBTOTAL

1,000

114000 FOOD SERVICE EQUIPMENT

Commercial Kitchen appliances: ADA compliant wall oven, cooktop,
refrigerator, dishwasher, garbage disposer

1

ls

30,000.00

30,000

Pantry appliances 2# refrigerator, 2# freezers, 2# cambro units

1

ls

15,000.00

15,000

SUBTOTAL

45,000

115213 PROJECTION SCREENS

Multipurpose room screen; allowance

1

ea

4,500.00

4,500

SUBTOTAL

4,500

116600 EQUIPMENT

Fitness equipment

assumed by others

SUBTOTAL

TOTAL - EQUIPMENT

\$50,500

12 - FURNISHINGS

122410 WINDOW TREATMENT

Manual shades at exterior windows

906

sf

8.00

7,248

SUBTOTAL

7,248

123000 FIXED CASEWORK

All cabinetry included with millwork

SUBTOTAL

125000 OFFICE FURNITURE

Office furniture

NIC

SUBTOTAL

TOTAL - FURNISHINGS

\$7,248

14 - CONVEYING SYSTEMS

144000 ELEVATORS

No work in this section

SUBTOTAL

TOTAL - CONVEYING

21 - FIRE SUPPRESSION

210000 FIRE PROTECTION

Fire Protection System

6" Service & Double check valve assembly

1

ea

7,500.00

7,500

Main alarm check valve assembly

1

ea

4,500.00

4,500

Fire department connection

1

ea

1,400.00

1,400



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NEW BUILDING

544	Electric bell	1	ea	450.00	450		
545	Zone control valve - assumed	2	ea	2,200.00	4,400		
546	Sprinkler head	113	ea	100.00	11,300		
547	Sprinkler head - attic	113	ea	100.00	11,300		
548	Main sprinkler piping	400	lf	38.00	15,200		
549	Branch sprinkler piping	2,200	lf	30.00	66,000		
550	<u>Miscellaneous</u>						
551	Coordination & management	1	ls	2,000.00	2,000		
552	Hydraulic calculations	1	ls	1,400.00	1,400		
553	Coring, sleeves & fire stopping	1	ls	1,200.00	1,200		
554	Shop drawings	1	ls	1,500.00	1,500		
555	Seismic restraints	1	ls	1,000.00	1,000		
556	Fees & permits	1	ls	1,400.00	1,400		
557	SUBTOTAL					130,550	

TOTAL - FIRE SUPPRESSION	\$130,550
---------------------------------	------------------

22 - PLUMBING

220000 PLUMBING

564	<u>Equipment</u>						
565	Reduced pressure backflow preventer, main	1	ea	3,000.00	3,000		
566	Water meter assembly	1	ea	2,500.00	2,500		
567	Gas fired, condensing boiler, w/ storage tank 200gal - 300,000 BTU's	1	ea	17,500.00	17,500		
568	Expansion tank	1	ea	2,500.00	2,500		
569	Air separator	1	ea	1,800.00	1,800		
570	Mixing valve	1	ea	1,200.00	1,200		
571	Hot water recirculation pump	1	ea	2,200.00	2,200		
572	Connection to gas meter	1	ea	1,500.00	1,500		
573	Gas fire place stove	1	ea	4,200.00	4,200		
574	Floor drain - assumed	6	ea	950.00	5,700		
575	Kitchen Equipment Connections at Non commercial Kitchen - assume stove, fridge and DW Connections	1	ea	1,500.00	1,500		
576	POU Grease interceptors at kitchen - allowance	1	ea	3,500.00	3,500		
577	Oil / gas interceptor, in site					By Div. 33	
578	<u>Plumbing Fixtures & Specialties</u>						
579	Water Closet	9	ea	1,750.00	15,750		
580	Urinal	2	ea	1,800.00	3,600		
581	Lavatory	7	ea	1,500.00	10,500		
582	Art Sink	1	ea	2,200.00	2,200		
583	Water cooler	1	ea	3,300.00	3,300		
584	Kitchenet	1	ea	1,475.00	1,475		
585	Hand Sink	2	ea	1,400.00	2,800		
586	Nurse sink	1	ea	1,655.00	1,655		
587	Shower	1	ea	2,400.00	2,400		
588	Mop Sink	2	ea	1,400.00	2,800		
589	Exterior hose bibbs	4	ea	950.00	3,800		
590	Large 3 basin S.S Kitchen sink	1	ea	3,000.00	3,000		
591	Hose Bibbs	5	ea	600.00	3,000		
592	Emergency shower					Assumed Not Required	
593	<u>Domestic Water Piping</u>						
594	Cold and Hot Domestic Water Piping	1,400	lf	50.00	70,000		
595	Tempered water loop					Assumed Not Required	
596	Valve and accessories	1	ls	15,400.00	15,400		



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NEW BUILDING

597	Domestic pipe insulation	1,400	lf	14.00	19,600		
598	<u>Sanitary Waste And Vent Pipe w/ Hangers</u>				-		
599	Sanitary Waste & Vent	900	lf	55.00	49,500		
600	Grease Waste and Vent	200	lf	60.00	12,000		
601	<u>Storm Waste And Vent Pipe w/ Hangers</u>						
602	Allowance for interior stormwater system, incl roof drains - if required	11,875	sf	2.00	23,750		
603	<u>Gas Piping</u>						
604	Gas piping	150	lf	85.00	12,750		
605	Main regulators	1	ea	2,500.00	2,500		
606	<u>Miscellaneous</u>						
607	Coordination & BIM	1	ls	7,500.00	7,500		
608	Coring, sleeves & fire stopping	1	ls	2,000.00	2,000		
609	Hydraulic lifts/rigging	1	ls	3,000.00	3,000		
610	Commissioning support	1	ls	1,000.00	1,000		
611	Testing and sterilization	1	ls	1,500.00	1,500		
612	Fees & permits	1	ls	3,500.00	3,500		
613	SUBTOTAL					327,380	

TOTAL - PLUMBING

\$327,380

23 - HVAC

230000 HVAC

Equipment

623	Gas fired HW condensing boiler 250MBH					See Alt	
624	Expansion tank					See Alt	
625	Air separator					See Alt	
626	Shot feeder					See Alt	
627	Pump, 50 gpm					See Alt	
628	DOAS, w/ Air Sourced Heat Pump, Gas Reheat, Supplemental Elec. Reheat, w /ERW, 6,000cfm/24 tons of cooling/288MBH Heat Pump/200MBH Elec Heat	1	ea	135,000.00	135,000		
629	Air handling unit				Assumed Not Required		
630	Radiant panels, electric	424	lf	110.00	46,640		
631	Cabinet unit heaters, electric	5	ea	1,150.00	5,750		
632	Cabinet unit heaters, electric; attic - assume 6	6	ea	1,150.00	6,900		
633	KEF-Kitchen Exhaust	1	ea	2,500.00	2,500		
634	Bathroom Exhaust	3	ea	1,400.00	4,200		

VRF System

637	FCU's	45	ea	1,900.00	85,500		
638	Branch controllers	1	ea	20,000.00	20,000		
639	Air source heat recovery VRF	66	tons	1,500.00	99,000		

Sheet metal & Accessories

641	Galvanized ductwork with fittings & hangers	7,000	lbs	16.50	115,500		
642	Duct insulation	5,500	sf	5.00	27,500		
643	Premium for hospital grade liner - allowance per narrative	1	ea	5,000.00	5,000		
644	Registers, grilles & diffusers	40	ea	225.00	9,000		
645	VAV box with Elec Reheats	25	ea	750.00	18,750		
646	Sound attenuators	1	ls	5,000.00	5,000		
647	Motorized damper & louver	1	ls	3,500.00	3,500		

Hot Water Piping

650	Hot water piping with fittings & hangers				Not Required		
651	Hot water valves and accessories				Not Required		



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GFA

11,875

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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NEW BUILDING

652	<u>Refrigerant Piping</u>						
653	Refrigerant piping; FCU to BC - Lineset	1,800	lf	33.00	59,400		
654	Refrigerant piping; BC to Heat Pump	1,440	lf	45.00	64,800		
655	<u>Condensate Drain Piping</u>						
656	Condensate drain piping with fittings & hangers	690	lf	35.00	24,150		
657	<u>Piping Insulation</u>						
658	Piping insulation	3,930	lf	10.00	39,300		
659	<u>Automatic Temperature Controls</u>						
660	Automatic temperature controls DDC, incl attic	11,875	sf	6.00	71,250		
661	<u>Balancing</u>						
662	System testing & balancing	11,875	sf	1.00	11,875		
663	<u>Miscellaneous</u>						
664	Coordination & BIM	1	ls	5,000.00	5,000		
665	Coring, sleeves & fire stopping	1	ls	3,500.00	3,500		
666	Equipment start-up and inspection	1	ls	3,000.00	3,000		
667	Commissioning support	1	ls	2,200.00	2,200		
668	Rigging & equipment rental	1	ls	6,500.00	6,500		
669	Vibration & seismic restraints	1	ls	3,500.00	3,500		
670	Fees & Permits	1	ls	11,500.00	11,500		
671	SUBTOTAL					895,715	

TOTAL - HVAC	\$895,715
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26 - ELECTRICAL

260000 ELECTRICAL

679	Normal Power						
680	1000AF 800AT MDP	1	ea	45,000.00	45,000		
681	225A tripletub panelboard	2	ea	6,900.00	13,800		
682	225AF 150AT doubletub panelboard	1	ea	4,600.00	4,600		
683	100A panelboard	1	ea	1,700.00	1,700		
684	225A feed	90	lf	78.75	7,088		
685	100A feed	30	lf	35.00	1,050		
686	Meter	1	ea	500.00	500		
687	SPD	7	ea	1,000.00	7,000		
688	Generator Power						
689	75kW diesel generator (per narrative)	1	ea	40,000.00	40,000		
690	ESL storm switch	1	ea	15,000.00	15,000		
691	250A ATS	1	ea	8,400.00	8,400		
692	100A ATS	1	ea	4,800.00	4,800		
693	100A doubletub panelboard (EM)	1	ea	3,200.00	3,200		
694	100A panelboard (EM)	1	ea	1,600.00	1,600		
695	250A feed (EM)	30	lf	87.50	2,625		
696	100A feed (EM)	90	lf	35.00	3,150		
697	Equipment Wiring						
698	Gas fired, condensing boiler feed and connection	1	ea	1,200.00	1,200		
699	Hot water recirculation pump feed and connection	1	ea	1,500.00	1,500		
700	DOAS feed and connection	1	ea	4,500.00	4,500		
701	Radiant panels, electric feed and connection	15	ea	750.00	11,250		
702	Cabinet unit heaters, electric feed and connection	5	ea	700.00	3,500		
703	Cabinet unit heaters, electric; attic - assume 6 feed and connection	6	ea	700.00	4,200		
704	KEF-Kitchen Exhaust feed and connection	1	ea	1,000.00	1,000		
705	Bathroom Exhaust feed and connection	3	ea	650.00	1,950		
706	FCU feed and connection	45	ea	400.00	18,000		
707	Air source heat recovery VRF feed and connection	3	ea	4,000.00	12,000		



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NEW BUILDING

708	VAV box with Elec Reheats	25	ea	750.00	18,750		
709	Equipment Wiring	11,875	sf	0.50	5,938		
710	Lighting, controls, branch devices and associated circuitry						
711	Lighting	11,875	sf	8.00	95,000		
712	Lighting controls	11,875	sf	1.50	17,813		
713	Branch devices	11,875	sf	0.50	5,938		
714	Circuitry	11,875	sf	5.50	65,313		
715	Fire alarm system w/MNS	11,875	sf	3.00	35,625		
716	BDA/DAS (study)	1	ls	2,500.00	2,500		
717	Telcom rough-in, devices & cabling (system NIC)	11,875	sf	3.00	35,625		
718	Security system	11,875	sf	2.00	23,750		
719	AV rough-in (system NIC)	11,875	sf	0.75	8,906		
720	Note EV chargers and access control included in sitework costs						
721	Master Clock/PA system						
722	Sound system, allow	2	loc	7,500.00	15,000		
723	Demo and make safe existing facility	1	ls	2,500.00	2,500		
724	Temp power and lighting	11,875	sf	1.00	11,875		
725	Lightning protection system	1	ls	6,500.00	6,500		
726	PV infrastructure for future system	1	ls	5,000.00	5,000		
727	Electrical requirements at attic, allow	1	ls	12,000.00	12,000		
728	Grounding	1	ls	5,000.00	5,000		
729	Fees and permits	1	ls	6,000.00	6,000		
730	SUBTOTAL					597,646	

TOTAL -ELECTRICAL

\$597,646

31 EARTHWORK

312000 EARTH WORK

Strip footings

739	Excavation	588	cy	14.00	8,232		
740	Store on site	588	cy	8.00	4,704		
741	Backfill with existing material	452	cy	9.00	4,068		

Spread footings

743	Excavation	215	cy	16.00	192		
744	Store on site	215	cy	8.00	1,720		
745	Backfill with existing material	193	cy	9.00	1,737		

Miscellaneous

747	Reuse surplus material on-site	816	cy	10.00	8,160		
748	Gravel fill beneath footings, 6"	38	cy	35.00	1,330		
749	Perimeter drain	596	lf	18.00	NR		
750	Dewatering for foundation work	1	ls	1,500.00	1,500		

Slab on grade

752	Excavation for building pad	658	cy	16.00	10,528		
753	Compacted granular fill, 12"	440	cy	38.00	16,720		
754	Compact sub-grade	11,875	sf	0.55	6,531		
755	E & B for underslab plumbing	1	ls	5,000.00	5,000		

SUBTOTAL

70,422

TOTAL, DIVISION 31 - EARTHWORK

\$70,422



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SITEWORK

31 EARTHWORK

311000 SITE PREPARATION

311000	Site construction fence/barricades	2,014	lf	16.00	32,224		
311000	Construction entrance	1	ls	2,000.00	2,000		
311000	Remove pavement at existing buildings being demolished	15,291	sf	1.00	15,291		
311000	Sidewalk around house, allow	519	sf	3.50	1,817		
311000	Remove sports court	3,057	sf	2.50	7,643		
311000	Cleanup debris	12,449	sf	1.00	12,449		
311000	Sawcut portion of Mansfield Avenue paving to allow for utility connection	145	lf	10.00	1,450		
311000	Remove portion of Mansfield Avenue paving to allow for utility connection	568	sf	8.00	4,544		
311000	Cut & cap utilities to existing buildings being demolished, allowance	1	ls	10,000.00	10,000		
311000	Police details/flaggers for utility connection work below	1	ls	5,000.00	5,000		
311000	Miscellaneous site demo	1	ls	5,000.00	5,000		
311000	Tree clearing at existing buildings being demolished including stump disposal/grinding	1	ls	11,000.00	11,000		
311000	Tree protection	2	ea	350.00	700		
311000	SITE CLEARING						
311000	Strip topsoil, store onsite	1,115	cy	15.00	16,725		
311000	Excavate to allow for walkways to water, remove off site	30	cy	30.00	900		
311000	Demo existing building & remove foundations					See Summary	
311000	SUBTOTAL						126,743

312000 EARTH WORK

Site Earthwork

312000	Building fill				NR		
312000	Import fill - fill up existing basement	171	cy	25.00	4,275		
312000	Bank stabilization	632	lf	15.00	9,480		
312000	Bank stabilization, premium for placing reclaimed boulders	1	ea			included above	
312000	Dewatering	1	ls	2,500.00	2,500		
312000	General cuts/fills/rough grading	4,506	cy	10.00	45,060		
312000	Fine grading	11,680	sy	1.75	20,440		
312000	<u>Hazardous Waste Remediation</u>						
312000	Dispose/treat contaminated soils/water					NIC	
312000	SUBTOTAL						81,755

312500 EROSION AND SEDIMENTATION CONTROLS

312500	Silt fence	2,014	lf	11.00	22,154		
312500	Silt fence maintenance and monitoring	1	ls	5,000.00	5,000		
312500	SUBTOTAL						27,154

TOTAL, DIVISION 31 - EARTHWORK and SITE PREPARATION

\$235,652

32 EXTERIOR IMPROVEMENTS

321000 PAVING AND CURBING

BITUMINOUS PAVING

320000	Bituminous Paving	36,064	sf				
320000	gravel base; 12" thick	1,336	cy	40.00	53,440		
320000	asphalt; 3" thick	4,007	sy	29.00	116,203		
320000	Vertical granite curb; 6"	446	lf	40.00	17,840		
320000	PCC curbing	1,328	lf	28.00	37,184		
320000	Curb cuts	5	loc	900.00	4,500		
320000	Wheelstop	13	ea	260.00	3,380		
320000	Signage	1	ls	2,000.00	2,000		



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SITEWORK							
60 320000	<u>Pavement infill after Mansfield Avenue utility connections</u>	568	sf				
61 320000	gravel base; 12" thick	21	cy	40.00	840		
62 320000	asphalt; 3" thick	63	sy	35.00	2,205		
63 320000	New line striping	1	ls	500.00	500		
64 320000	<u>CONCRETE PAVING</u>						
65 320000	<u>Concrete Walkways including along Mansfield Avenue boundary</u>	8,053	sf				
66 320000	gravel base; 6" thick	149	cy	40.00	5,960		
67 320000	concrete; 4" thick with broom finish	8,053	sf	8.00	64,424		
68 320000	Premium for exposed aggregate	2,510	sf	4.00	10,040		
69 320000	Premium for vehicular	235	sf	6.00	1,410		
70 320000	ADA ramps					See curb cuts above	
71 320000	<u>Transformer Pad / Generator Pad / Dumpster Pad</u>						
72 320000	gravel base; 8" thick	18	cy	40.00	720		
73 320000	concrete; 8" thick	478	sf	15.00	7,170		
74 320000	<u>Concrete base for shed</u>						
75 320000	gravel base; 8" thick	3	cy	40.00	120		
76 320000	concrete base; 8" thick	86	sf	15.00	1,290		
77 320000	<u>Gravel Paving</u>						
78 320000	Gravel maintenance edge	2,033	sf	6.00	12,198		
79 320000	Cleared earthen footpath	1,629	sf	4.50	7,331		
80	SUBTOTAL					348,755	
81							
82	323000 SITE IMPROVEMENTS						
83							
84	<u>PAVEMENT MARKINGS</u>						
85 320000	Road markings	1	ls	2,500.00	2,500		
86 320000	Single solid lines, 4" thick	54	space	25.00	1,350		
87 320000	ADA hatching-allow	6	space	45.00	270		
88 320000	Crosswalk, allow	1	ls	2,500.00	2,500		
89							
90	<u>RAILINGS/FENCES/WALLS</u>						
91 323000	Wood privacy fence, 6' high	417	lf	55.00	22,935		
92 323000	Gate	1	ea	750.00	750		
93 323000	Fencing at generator & transformer	68	lf	65.00	4,420		
94 323000	Dumpster enclosure, allow	1	ls	4,500.00	4,500		
95 323000							
96 323000	<u>FLAGPOLES</u>						
97 323000	Flagpole, allow	1	loc	7,500.00	7,500		
98 323000							
99 323000	<u>ATHLETIC FIELDS</u>						
100 323000	No items in this section						
101 323000							
102 323000	<u>SITE IMPROVEMENTS</u>						
103 323000	Bollards - generator & transformer	7	ea	800.00	5,600		
104 323000	Bike racks / Trash-Recycling receptacles / Benches	1	ls	10,000.00	NR		
105 323000	Bench	3	ea	1,500.00	NR		
106 323000	Memorial bench, relocated	1	ea	850.00	by Owner		
107 323000	Trash receptacle	4	ea	900.00	NR		
108 323000	Relocate shed	1	ls	2,500.00	by Owner		
109 323000	Future kayak storage, NIC	1	ls		NIC		
110 323000	Future pickle ball court, NIC	1	ls		NIC		
111	SUBTOTAL					52,325	
112							
113							
114	329200 LANDSCAPING						
115							
116	328400 <u>PLANTING IRRIGATION</u>						



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SITEWORK							
117 329000	Irrigation	56,210	sf	1.25	assumed not required		
118							
119	<u>TURF AND GRASSES</u>						
120	<u>Lawn</u>						
121 329000	Soil amend existing stockpiled soil for new lawn	1,099	cy	26.00	28,574		
122 329000	Loam and seed	56,210	sf	0.25	14,053		
123 329000	Forested area, undisturbed	66,724	sf		NIC		
124							
125	<u>PLANTINGS</u>						
126 329000	Evergreen screen tree	44	ea	550.00	24,200		
127 329000	Large shade trees	13	ea	1,000.00	13,000		
128 329000	Ornamental tree	7	ea	750.00	5,250		
129 329000	Shrubs / Ornamental grasses / misc. plantings	3,162	sf	5.00	15,810		
130 329000	Rain garden soils/plantings	1,608	sf	15.00	24,120		
131 329000	Perennials / Groundcover	1	ls		included above		
132 329000	Bank stabilization planting	3,160	sf	2.50	7,900		
133	SUBTOTAL					132,907	
134							
135	TOTAL, DIVISION 32 - EXTERIOR IMPROVEMENTS						\$533,987
136							
137							
138	33 UTILITIES						
139							
140	330000 STORM DRAINAGE						
141 334000	Proprietary below grade stormwater pretreatment units	2	loc	16,000.00	32,000		
142 334000	Manholes	6	ea	4,200.00	25,200		
143 334000	Catch basin	6	ea	4,000.00	24,000		
144 334000	Below grade stormwater management	5,475	sf	35.00	191,625		
145 334000	Roof drainage and parking lot drain piping network	1	ls	50,000.00	50,000		
146	SUBTOTAL					322,825	
147							
148	331000 WATER SERVICE AND FIRE MAINS						
149 331000	<u>Water supply: Pricing includes E&B and bedding</u>						
150 331000	New DI piping; 6", fire	219	lf	100.00	21,900		
151 331000	New DI piping; 4", domestic water	224	lf	65.00	14,560		
152 331000	Premium for outside the site on public road	27	lf	150.00	4,050		
153 331000	Thrust blocking allowance	4	loc	850.00	3,400		
154 331000	Connect to existing	2	loc	6,000.00	12,000		
155 331000	FD connection	1	ea	2,000.00	2,000		
156 331000	Fire hydrant, allow	2	ea	2,900.00	5,800		
157	SUBTOTAL					63,710	
158							
159	333000 SANITARY SEWERAGE						
160 333000	New septic tank including pump	1	ls	30,000.00	30,000		
161 333000	Sewer line	216	lf	90.00	19,440		
162 333000	Grease trap	1	ea		See Div#22		
163 333000	Below grade wastewater treatment system - septic field	1	ls	52,500.00	52,500		
164	SUBTOTAL					101,940	
165							
166	335000 GAS SERVICES						
167 335000	E&B trench for new gas pipe - install by utility co.	244	lf	22.00	5,368		
168 335000	Gas Meter				NIC		
169	SUBTOTAL					5,368	
170							
171	336000 ELECTRICAL SERVICES						
172 260000	Power riser	1	ea	1,700.00	1,700		
173 260000	Primary ductbank (concrete encased 2-5" empty)	220	lf	60.00	13,200		
174 260000	Pad mount transformer	1	ea		By Utility Co		
175 260000	Secondary ductbank (1000A)	80	lf	350.00	28,000		



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SITEWORK							
176 260000	Communications riser	1	ea	1,700.00	1,700		
177 260000	Communications ductbank empty (concrete encased allow 2'-4")	216	lf	50.00	10,800		
178 260000	EVC, allowance per detail/narrative	2	ea	10,000.00	20,000		
179 260000	EVC, allowance per detail/narrative - rough-in only	2	ea	10,000.00	20,000		
179 260000	Generator ductbank	30	lf	180.00	5,400		
180 260000	Pad, gen/TX grounding	2	ea	2,000.00	4,000		
181 260000	Handhole allowance incl 1" spare per notes	1	ls	20,000.00	20,000		
182 260000	Single head pole light	11	ea	3,000.00	33,000		
183 260000	Additional site lighting allowance per detail	1	ls	7,500.00	7,500		
184 260000	Site camera allowance per detail	1	ls	20,000.00	20,000		
185 260000	Site lighting circuitry - 2#8, 1#10G in 1"	1,000	lf	14.00	14,000		
186	SUBTOTAL					199,300	
187							
188	TOTAL, DIVISION 33 - UTILITIES						693,143
189							
190	TOTAL - SITE DEVELOPMENT						\$1,462,782



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ALTERNATES

Alt ALTERNATES

A#1 Upgraded Kitchen

Omit

Base cabinet	(45)	lf	250.00	(11,250)		
Tops	(45)	lf	150.00	(6,750)		

Add

Upgrade range	1	ea		see below		
Oven, double deck	1	ea		see below		
Upgrade range, hood	1	ea		see below		
Upgrade dishwasher to vertical ventless	1	ea		see below		
Vent, hood	1	ea		see below		
Stainless steel counters, work surfaces	45	lf		see below		
Upgrade/add the above kitchen equipment	1	ls	50,000.00	50,000		
SUBTOTAL						32,000

A#2 Add Acoustic Sliding Door

Omit

None

Add

Sliding acoustic, 10' wide	1	ea	10,500.00	10,500		
LVL header	14	lf	35.00	490		
SUBTOTAL						10,990

A#3 HVAC Upgrade

Omit

None

Add

Equipment

Gas fired HW condensing boiler 250MBH	2	ea	15,000.00	30,000		
Gas fired HW condensing boiler feed and connection	2	ea	1,200.00	2,400		
Expansion tank	1	ea	2,200.00	2,200		
Air separator	1	ea	1,800.00	1,800		
Shot feeder	1	ea	2,500.00	2,500		
Pump, 50 gpm	2	ea	1,250.00	2,500		
Pump feed and connection	2	ea	1,500.00	3,000		
Boiler breeching	1	ea	3,000.00	3,000		
Premium for hydronic in lieu of electric - Radiant heat	424	lf	20.00	8,480		
Radiant panels, electric feed and connection	(15)	ea	750.00	(11,250)		
Premium for hydronic in lieu of electric - CUH	11	ea	150.00	1,650		
Premium for hydronic in lieu of electric - VAV	25	ea	350.00	8,750		
VAV box with Elec Reheats electric feeds and connections	(25)	ea	750.00	(18,750)		

Piping

Hot water piping with fittings & hangers	1,200	lf	45.00	54,000		
Hot water valves and accessories	1	ea	11,880.00	11,880		
Pipe insulation	1,200	lf	10.00	12,000		
Gas connection	1	ea	1,500.00	1,500		
SUBTOTAL						115,660



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ALTERNATES

A#4 Upsized Emergency Generator

Omit

75kW diesel Generator -1 ls 40,000.00 (40,000)

Add

150kW diesel generator (incl upsizing ATS/feeders) 1 ls 115,000.00 115,000

SUBTOTAL 75,000

A#5 New Wood Fence

Omit

None

Add

Wood privacy fence 6' high, to northern boundary 275 lf 55.00 15,125

SUBTOTAL 15,125

DRAFT

AIA® Document G801™ - 2017

Notice of Additional Services

PROJECT: *(name and address)*

Norton Senior Center
Norton MA

AGREEMENT INFORMATION:

Date: March, 2022

NOTICE INFORMATION:

Notice Number: 1

Date: 4/19/22

OWNER: *(name and address)*

Town of Norton
70 East Main Street
Norton, MA 02766

ARCHITECT: *(name and address)*

DBVW Architects, Inc.
111 Chestnut Street
Providence, RI 02903

Select as appropriate:



ADDITIONAL SERVICES THAT REQUIRE THE OWNER'S WRITTEN AUTHORIZATION TO PROCEED

(Refer to the Owner-Architect Agreement for a list of Additional Services that require the Owner's written authorization to proceed.)

The Architect hereby notifies the Owner of the need, and requests the Owner's authorization, to perform the following Additional Services:

(Describe the proposed Additional Services and explain the facts and circumstances giving rise to their need.)

See DBWW Proposal dated December 23, 2021 (rev. January 17, 2022)

Alternate #1 Acoustical Consulting (Acentech) - \$12,000

Alternate #2 Audiovisual Consulting (Acentech) - \$52,500

Compensation Adjustment:

Not to Exceed: \$64,500

Schedule Adjustment:

None



ADDITIONAL SERVICES TO AVOID DELAY IN CONSTRUCTION

(Refer to the Owner-Architect Agreement for a list of Additional Services that the Architect may provide to avoid delay in Construction.)

The Architect hereby notifies the Owner of the need to perform the following Additional Services:

(Describe the Additional Services and explain the facts and circumstances giving rise to their need.)

Compensation Adjustment:

Schedule Adjustment:

Note: The Architect may have already begun to provide these services to avoid delay in the Construction Phase of the Project. If the Owner determines that all or parts of these services are not required and elects to discontinue these services, the Owner must promptly notify the Architect and compensate the Architect for the services provided prior to the Architect's receipt of the Owner's notice.

ISSUED BY THE ARCHITECT:

DBVW Architects, Inc.

ARCHITECT *(Firm name)*

SIGNATURE

Michael Viveiros, Senior
Principal

PRINTED NAME AND TITLE

DATE

OWNER'S AUTHORIZATION, IF REQUIRED:

Town of Norton

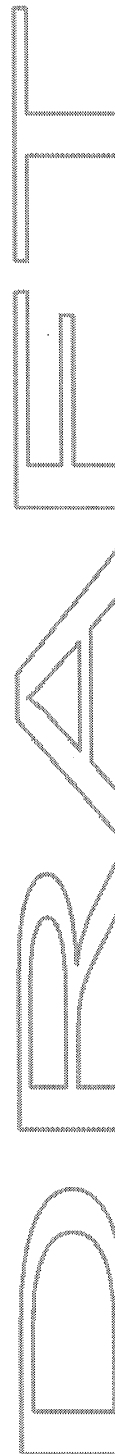
OWNER *(Firm name)*

SIGNATURE

Michael Yunits
Town Manager

PRINTED NAME AND TITLE

DATE



DRAFT

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Notice of Additional Services

PROJECT: *(name and address)*

Norton Town Hall
70 East Main Street
Norton MA

AGREEMENT INFORMATION:

Date: March, 2022

NOTICE INFORMATION:

Notice Number: 1

Date: 4/19/22

OWNER: *(name and address)*

Town of Norton
70 East Main Street
Norton, MA 02766

ARCHITECT: *(name and address)*

DBVW Architects, Inc.
111 Chestnut Street
Providence, RI 02903

Select as appropriate:



ADDITIONAL SERVICES THAT REQUIRE THE OWNER'S WRITTEN AUTHORIZATION TO PROCEED

(Refer to the Owner-Architect Agreement for a list of Additional Services that require the Owner's written authorization to proceed.)

The Architect hereby notifies the Owner of the need, and requests the Owner's authorization, to perform the following Additional Services:

(Describe the proposed Additional Services and explain the facts and circumstances giving rise to their need.)

See DBWW Proposal dated December 23, 2021 (rev. January 17, 2022)

Alternate #1 Acoustical Consulting (Acentech) - \$18,000

Alternate #2 Audiovisual Consulting (Acentech) - \$57,000

Alternate #3 Audiovisual Equipment Selection(Acentech) - \$14,000

Compensation Adjustment:

Not to Exceed: \$89,000

Schedule Adjustment:

None



ADDITIONAL SERVICES TO AVOID DELAY IN CONSTRUCTION

(Refer to the Owner-Architect Agreement for a list of Additional Services that the Architect may provide to avoid delay in Construction.)

The Architect hereby notifies the Owner of the need to perform the following Additional Services:

(Describe the Additional Services and explain the facts and circumstances giving rise to their need.)

Compensation Adjustment:

Schedule Adjustment:

Note: The Architect may have already begun to provide these services to avoid delay in the Construction Phase of the Project. If the Owner determines that all or parts of these services are not required and elects to discontinue these services, the Owner must promptly notify the Architect and compensate the Architect for the services provided prior to the Architect's receipt of the Owner's notice.

ISSUED BY THE ARCHITECT:

DBVW Architects, Inc.

ARCHITECT (*Firm name*)

SIGNATURE

Michael Viveiros, Senior

Principal

PRINTED NAME AND TITLE

DATE

OWNER'S AUTHORIZATION, IF REQUIRED:

Town of Norton

OWNER (*Firm name*)

SIGNATURE

Michael Yunits

Town Manager

PRINTED NAME AND TITLE

DATE

