



**Rocky Channels School System**  
238 Townsend Avenue  
Boothbay Harbor, Maine 04538

Attention: David Benner / Director of Facilities, Transportation & Safety

Date: 01 June, 2018

Reference: **Boothbay High School & Elementary School Architectural Renovation Scoping**

Dear Mr. Benner

With reference to our recent site visit held on 27MAR2018, and our subsequent visits during STEP I: PROJECT SCOPING, we herewith provide our proposal for the project involving Architectural / Mechanical / Electrical / Plumbing / Food Service Equipment and some Concrete Repair, Civil and Landscape improvements at:

- a) **Boothbay High School**
- b) **Boothbay Elementary School**

For this purpose, Lewis + Malm Architecture (hereinafter referred to as LMA), is pleased to submit the following revised proposal for your review & approval. Should any of our notes & assumptions require adjustment, please do not hesitate to contact us.

1. **STEP I: PROJECT SCOPING:** Based on our signed agreement we have completed the scoping program as per the attached Project Scoping documents:

- a) **DRAFT PART A: Boothbay High School 1<sup>st</sup> Floor Renovation Areas**
- b) **DRAFT PART B: Boothbay High School 2<sup>nd</sup> & 3<sup>rd</sup> Floor Renovation Areas**
- c) **DRAFT PART C: Boothbay Elementary School 1<sup>st</sup> & 2<sup>nd</sup> Floor Renovation Areas**

The intent of these documents is to establish a clear project scope on an area by area (room by room) basis. With your help, we have defined the project scope by line item and we have assigned hourly targets by task and discipline with related fees in preparation for, and informing this proposal for Step II: Concept Design & Statement of Probable Cost.



2. **PROJECT TEAM:** LMA proposes to assemble a project team made up of the following professionals:

a) Lewis + Malm Architecture	Architecture & Project Management
b) Hewett & Whitney	Mechanical, Electrical & Plumbing Engineering
c) TJM Consulting	Food Service Equipment & Kitchen Layout
d) Hedefine Engineering	Civil Engineering
e) TBD	Landscape Architecture
f) Preferred Construction Management	Cost Estimating
g) Honeywell	LED Lighting (separate RCSS contract)
h) Cunningham Security	Cameras (separate RCSS contract)

During the Step I, consulting team members indicated in **bold text** were on site and we worked to clarify the anticipated project scope items and areas. All consulting team member have been duly briefed, and as the work progresses, the other Team Members who have not yet visited the site will become more involved in the project process.

3. **STEP II: CONCEPT DESIGN & STATEMENT OF PROBABLE COST:** Since the renovation works are distributed throughout the two Boothbay school buildings, pricing of this Step II effort is being based on a successfully completed Step I. LMA understands that under Step II, RCSS wishes to:

- a) Treat the projects as two separate projects in terms of scope and A/E Fees.
- b) Obtain a written report with conceptual design sketches & system narratives, as well as a comprehensive statement of probable costs for the overall Architectural project.
- c) Combine the results of Step II with the results of a separate Performance Contract with Honeywell Building Solutions, in order to arrange a single sourced financing package covering both the Honeywell Performance Contract and the LMA Architectural Contract and their related construction investments.

4. **STEP II CALCULATING ARCHITECTURE / ENGINEERING FEES:**

- a) **SCHEMATIC DESIGN:** Due to the considerable project scope requirements at both schools, we looked at the initial design & estimating work needed as being the Schematic Design phase of each project. Since the work that will be required during STEP II will encompass the tasks that the design team typically encounters during the schematic phase of any project of this scale and importance. Schematic Design A/E Fees represent 15% of a total design fee.
- b) **SD PRO-FORMA FEE BASED PROJECTION CALCULATION:** We have also conducted a pro-forma fee based projection, based on the tasks and values for the Schematic Design A/E



Fees we came up with, in an effort to see what sort of overall project costs the two project scopes would generate. None of these results are cast in stone, since the purpose and goal of STEP II is to actually conduct enough schematic design effort to be able to establish an initial cost estimate of all the various works required. We hope that this proposal method gives you a good idea regarding the order of magnitude being contemplated and will lead us to an interesting discussion regarding your overall goals, their financial requirements and possible project phasing guidelines. Based on our experience and the now defined Schematic Design scope definitions, we found the projected project construction budget amounts to be within reason.

**c) SD SCOPING BY TASK w/ A/E FEES:** Our STEP II Schematic Design scoping projections are provided in detail as an appendix to this proposal, which includes:

- 1. Summary Sheet, including Fee Based Projections**
- 2. Appendix I: Part A - High School Basement**
- 3. Appendix I: Part B - High School 1<sup>st</sup> & 2<sup>nd</sup> Floors**
- 4. Appendix I: Part C - Elementary School**

We are also providing you with the following detailed scoping letters pertaining to the Kitchen areas in both projects, for informational purposes.

- 5. Appendix II: Part A - High School Kitchen Detailed Scope**
- 6. Appendix II: Part B - Elementary School Detailed Scope**

In conclusion, we are very pleased to be considered for this exciting project in your fine school system and look forward to the opportunity working together with you.

Should you have any questions or comments, please do not hesitate to contact us at your earliest convenience. We look forward to hearing from you in this regard very soon.

Respectfully yours,

A handwritten signature in blue ink, appearing to read 'Charles Earley', with a stylized flourish at the end.

Charles Earley, LEED<sup>AP</sup>  
President, Lewis + Malm Architecture  
[charles@lewisandmalm.com](mailto:charles@lewisandmalm.com)



BOY'S LOCKER ROOM	0.70	0.00	0.00	2.50	0.50	1.25	0.50	0.00	3.50	8.95	\$1
PHYSICAL THERAPY ROOM	0.45	0.00	0.00	1.75	0.00	0.25	0.50	0.00	2.25	5.20	\$1
RESOURCE OFFICER	0.35	0.00	0.00	1.50	0.00	0.25	0.00	0.00	1.75	3.85	\$1
WEIGHT ROOMS (2 Spaces)	0.35	0.00	0.00	1.25	0.50	0.75	0.00	0.00	1.75	4.60	\$1
NORTH AREA	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	\$1
ATHLETIC DIRECTOR'S OFFICE / BALL STORAGE	0.40	0.00	0.00	1.75	0.00	0.25	0.00	0.00	2.00	4.40	\$1
OFFICIAL'S DRESSING & SHOWER ROOM	0.60	0.00	0.00	2.25	0.50	0.75	0.50	0.00	3.00	7.60	\$1
COACH'S OFFICE	0.40	0.00	0.00	1.75	0.00	0.25	0.00	0.00	2.00	4.40	\$1
CORRIDOR	0.45	0.00	0.00	1.75	0.00	0.75	0.00	0.00	2.25	5.20	\$1
STAIRWAYS	0.50	0.00	0.00	2.00	0.00	0.75	0.00	0.00	2.50	5.75	\$1
EXTERIOR PATIO	0.20	5.00	0.00	0.75	0.00	0.25	0.00	0.00	1.00	7.20	\$1
EXTERIOR IMPROVEMENTS	1.05	4.00	0.00	4.00	1.00	1.00	0.00	0.00	5.25	16.30	\$1
MAIN ENTRY (STUDENT USE / PRE-LOCK-DOWN)	0.20	0.00	0.00	0.50	0.00	0.25	0.00	0.00	1.00	1.95	\$1
SECONDARY ENTRY (PUBLIC USE POST LOCK-DOWN)	0.65	2.00	0.00	2.25	0.50	0.75	0.00	0.00	3.25	9.40	\$1
ADMINISTRATION SUITE	0.85	0.00	0.00	3.75	0.50	1.25	0.50	0.00	4.25	11.10	\$1
SOUTH CORRIDOR	0.45	0.00	0.00	2.00	0.00	1.25	0.00	0.00	2.25	5.95	\$1
NORTH CORRIDOR VESTIBULE	0.20	0.00	0.00	0.50	0.00	0.25	0.50	0.00	1.00	2.45	\$1
GIRL'S RESTROOM I	0.60	0.00	0.00	2.25	0.00	0.75	0.50	0.00	3.00	7.10	\$1
BOY'S RESTROOM I	0.55	0.00	0.00	2.00	0.00	0.75	0.50	0.00	2.75	6.55	\$1
GIRL'S RESTROOM II	0.60	0.00	0.00	2.25	0.00	0.25	1.00	0.00	3.00	7.10	\$1
BOY'S RESTROOM II	0.55	0.00	0.00	2.00	0.00	0.25	1.00	0.00	2.75	6.55	\$1
OTHER FEES DURING STEP II: HIGH SCHOOL	6.00	6.00	6.00	40.00	6.00	6.00	6.00	3.00	0.25	79.25	\$1
RCS\$ High School Basement, 1st & 2nd Floors											\$1

## COPE AT ELEMENTARY SCHOOL BUILDING

DESCRIPTION OF SCOPE	PROJECT MANAGEMENT	CIVIL ENGINEERING	STRUCTURAL ENGINEERING	ARCHITECTURAL DESIGN	MECHANICAL ENGINEERING	ELECTRICAL ENGINEERING	PLUMBING ENGINEERING	FOOD SERVICE DESIGNER	REVIEW COORDINATION	SUB-TOTAL HOURS	HC
MAIN ENTRY (STUDENT & PUBLIC USE / PRE-POST LOCK-DOWN)	0.45	2.00	0.00	1.75	0.50	1.50	0.00	0.00	2.50	8.7	\$
OVERHEAD DOORS: LOADING DOCK & MAINTENANCE SHOP	0.30	0.00	0.00	1.25	0.00	1.50	0.00	0.00	1.50	4.55	\$
MAINTENANCE ROOM (OLD SHOP AREA)	0.50	0.00	0.00	2.50	1.00	2.00	0.00	0.00	2.50	8.5	\$
KITCHEN	0.80	0.00	0.00	6.50	3.00	4.00	2.00	9.50	4.75	30.55	\$
GIRL'S LOCKER ROOM	0.70	0.00	0.00	2.50	0.00	0.50	1.50	0.00	3.25	8.45	\$
BOY'S LOCKER ROOM	0.55	0.00	0.00	2.00	0.00	0.50	1.00	0.00	2.75	6.8	\$
ALL RESTROOMS (8 SPACES)	0.55	0.00	0.00	2.00	0.00	0.50	1.00	0.00	2.75	6.8	\$
EIGHTEEN (18) SINGLE EMERGENCY EXIT DOOR ASSEMBLIES	0.20	0.00	0.00	0.50	0.00	1.00	0.00	0.00	1.00	2.7	\$
NINE (9) DOUBLE ENTRY DOOR ASSEMBLIES	0.25	0.00	0.00	1.25	0.00	1.00	0.00	0.00	1.25	3.75	\$
FOUR (4) DOUBLE ENTRY DOOR ASSEMBLIES AT GYM	0.10	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.50	1.1	\$
NEW STORAGE ENCLOSURE AT EXISTING KITCHEN PORCH	0.40	0.00	0.00	1.75	0.50	1.50	0.00	2.00	2.00	8.15	\$
CONCRETE REPAIRS AROUND ENTIRE BUILDING	0.50	0.00	12.00	1.00	0.00	0.00	0.00	0.00	0.25	13.75	\$
REMOVE & REPLACE ALL SIDEWALKS & PAVED AREAS	1.05	4.00	0.00	0.25	0.00	0.00	0.00	0.00	0.75	6.05	\$
OTHER FEES DURING STEP II: ELEMENTARY SCHOOL	6.00	6.00	6.00	40.00	6.00	6.00	6.00	3.00	0.25	79.25	\$
RCS\$ ELEMENTARY SCHOOL 1st & 2nd Floors											\$1

## SCHEMATIC DESIGN A/E FEE CALCULATION

### HIGH SCHOOL Basement, 1st & 2nd Floors

COMPANY	DISCIPLINE	TOTAL HRS	\$/HR	A/E FEE	%
LMA incl. PCM	ARCH / ESTIMATE	182.80	\$ 130.00	\$ 23,764.00	67.38%
EH	C-ENG	17.00	\$ 130.00	\$ 2,210.00	6.27%
LH	S-ENG	9.00	\$ 130.00	\$ 1,170.00	3.32%
H+W	MEP-ENG	50.50	\$ 130.00	\$ 6,565.00	18.61%
TJM	FS-DESIGN	12.00	\$ 130.00	\$ 1,560.00	4.42%
TOTALS		271.30	\$ 130.00	\$ 35,269.00	100.00%

		PRO
		FEE BASED
PRO-FORMA A/E FEE	\$ 235,200	100%
	\$ 35,280	
	\$ 47,040	
	\$ 94,080	
	\$ 11,760	
	\$ 47,040	
PRO-FORMA CONSTRUCTION COST	\$ 2,240,000	100%
SEE APPENDIX II: 30MAR2018 BREM DETERMINING A/E		

## SCHEMATIC DESIGN A/E FEE CALCULATION

### ELEMENTARY SCHOOL 1st & 2nd Floors

COMPANY	DISCIPLINE	TOTAL HRS	\$/HR	A/E FEE	%
LMA incl. PCM	ARCH / ESTIMATE	102.10	\$ 130.00	\$ 13,273.00	53.99%
EH	C-ENG	12.00	\$ 130.00	\$ 1,560.00	6.35%
LH	S-ENG	18.00	\$ 130.00	\$ 2,340.00	9.52%
H+W	MEP-ENG	42.50	\$ 130.00	\$ 5,525.00	22.47%
TJM	FS-DESIGN	14.50	\$ 130.00	\$ 1,885.00	7.67%
TOTALS		189.10	\$ 130.00	\$ 24,583.00	100.00%

		PRO
		FEE BASED
PRO-FORMA A/E FEE	\$ 170,520	100%
	\$ 25,578	
	\$ 34,104	
	\$ 68,208	
	\$ 8,526	
	\$ 34,104	
PRO-FORMA CONSTRUCTION COST	\$ 1,624,000	100%
SEE APPENDIX II: 30MAR2018 BREM DETERMINING A/E		

## SCHEMATIC DESIGN A/E FEE CALCULATION

### HIGH SCHOOL & ELEMENTARY SCHOOL COMBINED

COMPANY	DISCIPLINE	TOTAL HRS	\$/HR	A/E FEE	%
LMA incl. PCM	ARCH / ESTIMATE	284.90	\$ 130.00	\$ 37,037.00	61.88%
EH	C-ENG	29.00	\$ 130.00	\$ 3,770.00	6.30%
LH	S-ENG	27.00	\$ 130.00	\$ 3,510.00	5.86%
H+W	MEP-ENG	93.00	\$ 130.00	\$ 12,090.00	20.20%
TJM	FS-DESIGN	26.50	\$ 130.00	\$ 3,445.00	5.76%
TOTALS		460.40	\$ 130.00	\$ 59,852.00	100.00%

		PRO
		FEE BASED
PRO-FORMA A/E FEE	\$ 405,720	100%
	\$ 60,858	
	\$ 81,144	
	\$ 162,288	
	\$ 20,286	
	\$ 81,144	
PRO-FORMA CONSTRUCTION COST	\$ 3,864,000	100%
SEE APPENDIX II: 30MAR2018 BREM DETERMINING A/E		

/ was prepared by Lewis + Malm Architecture as a guideline for the Owner's & Design Team's use.  
 / includes TEAM LMA for Civil, Structural, Architectural, Mechanical, Electrical, Plumbing, Food Service & Cost Estimating works during the Schematic Design Phase.  
 / excludes the HONEYWELL Portion of the works, and any related MEP Works, unless noted otherwise.  
 s represented by task group/discipline are based on TEAM LMA's collaborative experience and success on numerous/similar large scale projects.  
 y rate represented here is based on an average hourly rate.



	ARCHITECTURAL adjustments as required:											
	Improve deliveries w/ platform lift	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Relocate Office & Small Storage	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Create new Dry Storage Room	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	New FSE HVAC requirements	0.05	n/a	n/a	n/a	0.50	0.50	0.50	0.50	0.25	2.30	\$130.00
	New FSE Electrical requirements	0.05	n/a	n/a	n/a	0.50	0.50	0.50	0.50	0.25	2.30	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
	New FSE Plumbing requirements	0.05	n/a	n/a	n/a	n/a	n/a	0.50	0.50	0.25	1.30	\$130.00
		0.55	0.00	0.00	2.50	1.00	1.25	1.50	8.50	2.75	18.05	\$130.00
nt	CAFETERIA											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	New Concept Layout	0.05	n/a	3.00	1.00	n/a	n/a	n/a	0.50	0.25	4.80	\$130.00
	Investigate solar tubes for natural light (along North Wall)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling (conceal existing sprinkler piping)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Wall accessories, tackboards, displays, etc.	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Test new furniture type & layout (min. 150 seats)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Exterior Patio concept layout & features	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	Improve ventilation	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$130.00
	Add Drinking Fountains (standard & ADA compliant)	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
	New Exit Signage	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00
		0.70	0.00	3.00	3.25	0.50	1.25	0.50	0.50	3.50	13.20	\$130.00
nt	GUEST LOCKER ROOM											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	New phenolic toilet partitions	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New toilet accessories	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Refurbish existing lockers vs. new lockers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Investigate shower area as single stalls	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing tile & cove base, clean	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling, close raised areas	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	NEW TOILET accessories:											
	Grab bars, mirrors, soap dispensers, paper towel dispensers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Female sanitary napkin dispenser & disposal											
	New air driven hand driers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	MEP adjustments as required:											
	New toilets & sinks	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.00	0.55	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.65	0.00	0.00	2.75	0.00	0.25	0.50	0.00	3.00	7.15	\$130.00
nt	THEATRE ARTS STORAGE (MAY BE RELOCATED)											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	Investigate as new Kitchen Dry Storage area	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Determine new location for TA Storage	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames (45 min. rated for Storage)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	Repair damaged, missing wood trim & cove base, clean	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling?, close raised areas	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	MEP adjustments as required:											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.45	0.00	0.00	2.00	0.00	0.25	0.00	0.00	2.25	4.95	\$130.00
nt	MECHANICAL ROOM											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	New 4' door & frame (45 min. rated)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.15	0.00	0.00	0.50	0.00	0.25	0.00	0.00	0.75	1.65	\$130.00
nt	INDUSTRIAL ARTS SHOP											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	New concept layout	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames (45 min. rated?)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Investigate OH Door efficiency, air leaks, R-Value?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New partition wall (separate clean work from dirty work)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	Optimize Shop Storage	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Compliant door to CMP transformer room	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	New HVAC for new layout	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$130.00
	MEP adjustments as required:											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
	New Exit Signage	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00
		0.50	0.00	0.00	1.75	0.50	1.25	0.00	0.00	2.50	6.50	\$130.00
nt	GIRL'S LOCKER ROOM											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	ARCHITECTURAL adjustments as required:											
	Investigate single showers as space accessible from Corridor	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New floor tile where locker bases were	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New Cubbies & Hooks	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	MEP adjustments as required:											
	Repair damaged, missing tile & cove base, clean	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
		0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
		0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00



		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	Potential space for Public Restroom(s)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	New toilet & sink	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.45	0.00	0.00	1.75	0.00	0.25	0.50	0.00	2.25	5.20	\$130.00
nt	<b>RESOURCE OFFICER</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.35	0.00	0.00	1.50	0.00	0.25	0.00	0.00	1.75	3.85	\$130.00
nt	<b>WEIGHT ROOMS (2 Spaces)</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress (This area is not ADA accessible)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	New doors & frames, complete unfinished door installation	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	Improve HVAC system	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.35	0.00	0.00	1.25	0.50	0.75	0.00	0.00	1.75	4.60	\$130.00
nt	<b>NORTH AREA</b>											
	<b>Not in project scope</b>											
	Storage Cellar	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Large Crawl Space (Sprinkler Central, Utilities, Storage)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
nt	<b>ATHLETIC DIRECTOR'S OFFICE / BALL STORAGE</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	Remove toilet & partition	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.40	0.00	0.00	1.75	0.00	0.25	0.00	0.00	2.00	4.40	\$130.00
nt	<b>OFFICIAL'S DRESSING &amp; SHOWER ROOM</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	Remove shower & steps	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Convert to Staff Restroom	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>NEW TOILET accessories:</b>											
	Grab bars, mirrors, soap dispensers, paper towel dispensers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	Improve HVAC system (converted to restroom)	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$130.00
	New toilet & sink	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$130.00
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.60	0.00	0.00	2.25	0.50	0.75	0.50	0.00	3.00	7.60	\$130.00
nt	<b>COACH'S OFFICE</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	Convert to Ball Storage	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New suspended ceiling?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>MEP adjustments as required:</b>											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$130.00
		0.40	0.00	0.00	1.75	0.00	0.25	0.00	0.00	2.00	4.40	\$130.00
nt	<b>CORRIDOR</b>											
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	<b>ARCHITECTURAL adjustments as required:</b>											
	New flooring (Investigate VCT encapsulation layers)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	New Exit doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00



LY was prepared by Lewis + Malm Architecture as a guideline for the Owner's & Design Team's use.  
LY includes TEAM LMA for Civil, Structural, Architectural, Mechanical, Electrical, Plumbing, Food Service & Cost Estimating works during the Schematic Design Phase.  
LY excludes the HONEYWELL Portion of the works, and any related MEP Works, unless noted otherwise.  
urs represented by task group/discipline are based on TEAM LMA's collaborative experience and success on numerous/similar large scale projects.

	Consider masonry veneer at Stairs & Ramp	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Improve ADA guard rails & handrailings at stairs & ramp	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Investigate reducing asphalt slope at Main entry area	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New ADA compliant access walkway at new Secondary Entry	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Masonry clad concrete piers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	PT wood or high quality composite stairs & walkway deck	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>LANDSCAPE ARCHITECTURE Enhancements at front of school:</b>											
	Create new gathering space in front of school between trees	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Remove asphalt sidewalk at Secondary Entry	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Student learning areas	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Benches, seating rocks, water features?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Flower Gardens	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Sculpture? Statue? Commemorative Plaques?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>MEP adjustments as required:</b>											
	Remove/replace 8,000 Gallon Fuel-Oil Tank piping	0.05	n/a	n/a	n/a	0.50	n/a	n/a	n/a	0.25	0.80	\$1
	New outdoor LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$1
	Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$1
	<b>CIVIL adjustments:</b>											
	Remove/replace 8,000 Gallon Fuel-Oil Tank at base of ramp	0.05	2.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	2.30	\$1
	Storm water run-off control (roof & surface)	0.05	2.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	2.30	\$1
		1.05	4.00	0.00	4.00	1.00	1.00	0.00	0.00	5.25	16.30	\$1
or	<b>MAIN ENTRY (STUDENT USE / PRE-LOCK-DOWN)</b>											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ARCHITECTURAL adjustments as required:</b>											
	Remove/replace storefront door assembly	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ELECTRICAL adjustments as required:</b>											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
	Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	n/a	n/a	0.00	n/a	n/a	0.25	0.30	\$1
		0.20	0.00	0.00	0.50	0.00	0.25	0.00	0.00	1.00	1.95	\$1
or	<b>SECONDARY ENTRY (PUBLIC USE POST LOCK-DOWN)</b>											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ARCHITECTURAL adjustments as required:</b>											
	Modify steps as required to enable ADA compliance	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Investigate potential Security Vestibule	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New storefront door assembly	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New suspended ceiling (if new vestibule)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Modify steel V-Column	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Coordinate security hardware	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Improvements to existing canopy roof	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New masonry veneer at South stair wall	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>MEP adjustments as required:</b>											
	New Heat in new Vestibule	0.05	n/a	n/a	n/a	0.50	n/a	n/a	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
	Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$1
	<b>CIVIL adjustments:</b>											
	Storm water run-off control (roof & surface)	0.05	2.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	2.30	\$1
		0.65	2.00	0.00	2.25	0.50	0.75	0.00	0.00	3.25	9.40	\$1
or	<b>ADMINISTRATION SUITE</b>											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>LAYOUT MODIFICATIONS to entire Admin suite (South to North):</b>											
	Principal's Office	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Administration Office & Secretary combined	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Assistant Principal's Office	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Relocated Restroom I	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Relocated Restroom II	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Janitor's Room (including existing fire alarm panels)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ARCHITECTURAL adjustments as required:</b>											
	Windows to remain as is (energy efficiency?)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New flooring & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New doors & frames?	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Repair damaged, missing wood trim & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New suspended ceilings	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Re-roofing of this zone Summer 2018 by Owner	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	<b>MEP adjustments as required:</b>											
	New HVAC for relocated Restrooms	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$1
	New Handwash sink	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
	Coordinate security cameras hub w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$1
		0.85	0.00	0.00	3.75	0.50	1.25	0.50	0.00	4.25	11.10	\$1
or	<b>SOUTH CORRIDOR</b>											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ARCHITECTURAL adjustments as required:</b>											
	New flooring & cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New doors & frames (45 min. rated for Janitor)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Investigate possibility for more built-in display cases	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New suspended ceilings	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Re-roofing of this zone Summer 2018 by Owner	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	<b>MEP adjustments as required:</b>											
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
	Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$1
	Exit Signage	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$1
		0.45	0.00	0.00	2.00	0.00	1.25	0.00	0.00	2.25	5.95	\$1
or	<b>NORTH CORRIDOR VESTIBULE</b>											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	<b>CODE CONCERNS specific to area:</b>											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>ARCHITECTURAL adjustments as required:</b>											
	New fire doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	<b>MEP adjustments as required:</b>											
	New power for magnetic hold open devices	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1



	new toilets & sinks	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New power for air driven hand dryers	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
		0.55	0.00	0.00	2.00	0.00	0.75	0.50	0.00	2.75	6.55	\$1
or	GIRL's RESTROOM II											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	ARCHITECTURAL adjustments as required:											
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New phenolic toilet partitions	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Repair damaged, missing tile & cove base, clean	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New suspended ceiling	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	NEW TOILET accessories:											
	Grab bars, mirrors, soap dispensers, paper towel dispensers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Female sanitary napkin dispenser & disposal	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New air driven hand driers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	MEP adjustments as required:											
	New toilets & sinks	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New power for air driven hand dryers	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
		0.60	0.00	0.00	2.25	0.00	0.25	1.00	0.00	3.00	7.10	\$1
or	BOY's RESTROOM II											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	CODE CONCERNS specific to area:											
	ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	ARCHITECTURAL adjustments as required:											
	New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New phenolic toilet partitions	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Repair damaged, missing tile & cove base, clean	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New suspended ceiling	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	NEW TOILET accessories:											
	Grab bars, mirrors, soap dispensers, paper towel dispensers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	New air driven hand driers	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$1
	MEP adjustments as required:											
	New toilets & sinks	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New power for air driven hand dryers	0.05	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.25	0.80	\$1
	New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.55	\$1
		0.55	0.00	0.00	2.00	0.00	0.25	1.00	0.00	2.75	6.55	\$1
	OTHER FEES DURING STEP II: HIGH SCHOOL											
		PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	H
	SITE VISITS & MEETINGS											
	All Disciplines	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	n/a	30.00	\$1
	COST ESTIMATE											
	PCM supported by TEAM LMA	2.00	2.00	2.00	36.00	2.00	2.00	2.00	1.00	0.25	49.25	\$1
		6.00	6.00	6.00	40.00	6.00	6.00	6.00	3.00	0.25	79.25	\$1
RCSS High School 1st & 2nd Floors		11.70	12.00	6.00	61.50	8.00	12.75	10.00	3.00	28.75	153.70	\$1

LY was prepared by Lewis + Malm Architecture as a guideline for the Owner's & Design Team's use.  
 LY includes TEAM LMA for Civil, Structural, Architectural, Mechanical, Electrical, Plumbing, Food Service & Cost Estimating works during the Schematic Design Phase.  
 LY excludes the HONEYWELL Portion of the works, and any related MEP Works, unless noted otherwise.  
 urs represented by task group/discipline are based on TEAM LMA's collaborative experience and success on numerous/similar large scale projects.



Improve security / Buzz-in Controls	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$130.00	\$ 169.00
CIVIL adjustments:												
Remove/replace 8,000 Gallon Fuel-Oil Tank at base of ramp	0.05	2.00	n/a	n/a	n/a	n/a	n/a	n/a	0.50	2.55	\$130.00	\$ 331.50
	0.45	2.00	0.00	1.75	0.50	1.50	0.00	0.00	2.50	8.70	\$130.00	\$ 1,131.00
TWO (2) OVERHEAD DOORS: LOADING DOCK & MAINTENANCE SHOP (Owner prefers this scope to be in Architecture Contract)												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
CODE CONCERNS specific to area:												
ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
ARCHITECTURAL adjustments as required:												
New insulated OH DOORS	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
New secured Personnel Entry door & frame	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
ELECTRICAL adjustments as required:												
New Buzz-in at Personnel Door	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$130.00	\$ 169.00
	0.30	0.00	0.00	1.25	0.00	1.50	0.00	0.00	1.50	4.55	\$130.00	\$ 591.50
MAINTENANCE ROOM (OLD SHOP AREA)												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
CODE CONCERNS specific to area:												
ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
LAYOUT MODIFICATIONS												
New Walk-In Freezer & Cooler	0.05	n/a	n/a	0.50	n/a	n/a	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
New Electrical Room (enclose at existing panels)	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
ARCHITECTURAL adjustments as required:												
New doors & frames	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
New cove base	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
Paint walls & trim	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
New suspended ceilings	0.05	n/a	n/a	0.25	0.50	0.50	n/a	n/a	0.25	1.55	\$130.00	\$ 201.50
MEP adjustments as required:												
New HVAC for relocated Kitchen Office & Dry Storage	0.05	n/a	n/a	n/a	0.50	0.50	n/a	n/a	0.25	1.30	\$130.00	\$ 169.00
New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
Coordinate security cameras hub w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$130.00	\$ 169.00
	0.50	0.00	0.00	2.50	1.00	2.00	0.00	0.00	2.50	8.50	\$130.00	\$ 1,105.00
KITCHEN												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
CODE CONCERNS specific to area:												
ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
FOOD SERVICE EQUIPMENT as required:												
Optimize Kitchen & FSE Layout	0.05	n/a	n/a	4.00	0.50	0.50	0.50	6.00	1.00	12.55	\$130.00	\$ 1,631.50
Remove exterior 8x16 Freezer (see Part E-12 below)	0.05	n/a	n/a	0.25	0.50	0.50	0.50	n/a	0.25	2.05	\$130.00	\$ 266.50
Relocate Kitchen Office (allows for New Dry Storage in Kitchen)	0.05	n/a	n/a	0.25	0.50	0.50	n/a	n/a	0.25	1.55	\$130.00	\$ 201.50
Provide new Walk-In DBL Freezer & Cooler in Maintenance Room	0.05	n/a	n/a	0.25	0.50	0.50	n/a	1.00	0.25	2.55	\$130.00	\$ 331



New LED lighting (coordinate w/ Honeywell)	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
New Power & LED lighting to new storage enclosure	0.05	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
Coordinate security cameras w/ Cunningham Security	0.05	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.25	1.30	\$130.00	\$ 168.00
<b>MEP adjustments as required:</b>												
Relocate four (4) existing 120 Gallon LP Gas tanks to code compliant location	0.05	n/a	n/a	n/a	0.50	n/a	n/a	n/a	0.25	0.80	\$130.00	\$ 104.00
	0.40	0.00	0.00	1.75	0.50	1.50	0.00	0.00	2.00	6.15	\$130.00	\$ 799.50
<b>CONCRETE REPAIRS AROUND ENTIRE BUILDING</b>												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
<b>CODE CONCERNS specific to area:</b>												
ADA / Life Safety / Egress	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	\$130.00	\$ -
<b>STRUCTURAL adjustments as required:</b>												
Spalling concrete & skim coat repair to existing concrete structure	0.50	n/a	12.00	1.00	n/a	n/a	n/a	n/a	0.25	13.75	\$130.00	\$ 1,787.50
	0.50	0.00	12.00	1.00	0.00	0.00	0.00	0.00	0.25	13.75	\$130.00	\$ 1,787.50
<b>REMOVE &amp; REPLACE ALL SIDEWALKS &amp; PAVED AREAS AROUND ENTIRE BUILDING</b>												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
<b>CODE CONCERNS specific to area:</b>												
ADA / Life Safety / Egress	0.05	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.25	0.55	\$130.00	\$ 71.50
<b>CIVIL adjustments as required:</b>												
Removal of existing asphalt pavement & substrates	0.50	1.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	1.75	\$130.00	\$ 227.50
New substrates & new asphalt paving	0.50	3.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	3.75	\$130.00	\$ 487.50
	1.05	4.00	0.00	0.25	0.00	0.00	0.00	0.00	0.75	6.05	\$130.00	\$ 786.50
<b>OTHER FEES DURING STEP II: CONCEPT &amp; ESTIMATE ELEMENTARY SCHOOL</b>												
	PM	C-ENG	S-ENG	ARCH	M-ENG	E-ENG	P-ENG	FS DESIGN	RC	SUB-TOTAL HRS	HR RATE	SUB-TOTAL \$
<b>SITE VISITS &amp; MEETINGS</b>												
All Disciplines	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	n/a	30.00	\$130.00	\$ 3,900.00
<b>COST ESTIMATE</b>												
PCM supported by TEAM LMA	2.00	2.00	2.00	36.00	2.00	2.00	2.00	1.00	0.25	49.25	\$130.00	\$ 6,402.50
	6.00	6.00	6.00	40.00	6.00	6.00	6.00	3.00	0.25	79.25	\$130.00	\$ 10,302.50
<b>RCSS Elementary School</b>	<b>12.35</b>	<b>12.00</b>	<b>18.00</b>	<b>63.75</b>	<b>11.00</b>	<b>20.00</b>	<b>11.50</b>	<b>12.50</b>	<b>26.00</b>	<b>187.10</b>		<b>\$ 24,323.00</b>

was prepared by Lewis + Malm Architecture as a guideline for the Owner's & Design Team's use.

includes TEAM LMA for Civil, Structural, Architectural, Mechanical, Electrical, Plumbing, Food Service & Cost Estimating works during the Schematic Design Phase.

excludes the HONEYWELL Portion of the works, and any related MEP Works, unless noted otherwise.

represented by task group/discipline are based on TEAM LMA's collaborative experience and success on numerous/similar large scale projects.

rate represented here is based on an average hourly rate.

## APPENDIX II: PART A



June 1, 2018

Charles Earley  
Lewis & Malm Architecture  
119 Main Street, P.O. Box 1459  
Bucksport, Maine 04416

Re: Boothbay High School

Dear Charles,

The following is a quick survey of the existing equipment at the Boothbay High School and a preliminary Scope for the renovations for the Kitchen.

General Note: Most of the equipment in this kitchen is more than 30 years old and should be replace with new more efficient equipment.

Item # Description

- Notes
- 1 Dishtable, Soiled, "L" Shaped
    - Custom Fabricated
    - This unit would not be used in a new kitchen design.
  - 2 Disposer
    - Insinkerator, model SS-50-26
    - This unit should be replaced.
  - 3 Dishwasher, Door-Type
    - American Dish Service model AF
    - This item is in good condition and could be reused. It is a chemical sanitizing machine. If replaced, I would suggest using a high-temp sanitizing machine for better washing results.
  - 4 Condensate Hood
    - Greenheck, Custom model 36" x 36" x 24" high.
    - This unit is in good condition and could be reused in the new design.
  - 5 Dishtable, Clean, "L" Shaped with Pot Sink.
    - Custom Fabricated
    - This unit would be replaced in the new design.
  - 6 Utility Cart (2)
    - Lakeside model 322 and 422.
    - Units are in good condition and can be reused.
  - 7 Heated Cabinet
    - Cres-Cor model 1290-002
    - The unit is no longer holding temperature and should be repaired or replaced.
  - 8 Convection Oven, Double
    - Blodgett model Mark V Electric
    - Unit is in good condition and can be reused.

33 Colonial Drive, North Yarmouth, Maine 04097  
(207) 215-4736





- 9 Range, Residential
  - This unit should not be used in a commercial kitchen and should be replaced.
- 10 Exhaust Hood
  - Greenheck, Custom Model, 80" x 51" x 24" high.
  - Depending on the new design, this unit might be reused.
  - There is no make-up air in the kitchen. This should be addressed by Mechanical Engineers.
- 11 Refrigerator, 2-Section
  - True model T-49
  - Unit is in good condition and can be reused.
- 12 Freezer, 2-Section
  - True T-49F
  - Unit is in good condition and can be reused.
- 13 Utility Cart
  - Cambro model unknown
  - Unit is in good condition and can be reused.
- 14 Work Table with Pot Rack
  - Advance/Tabco model SS-306
  - Unit is in good condition and can be reused.
- 15 Work Table
  - Advance/Tabco model SS-305
  - Unit is in good condition and can be reused.
- 16 Cashier Counter
  - Duke, model unknown.
  - Unit is in good conditions and can be reused. It matches the serving counters in the elementary school and should be relocated there in the new design.
- 17 Serving Counter with 3 hot food wells
  - Custom Fabricated
  - This unit would not be reused in the new design.
- 18 Heated Merchandiser
  - Merco, unknown model.
  - This unit is in good condition and could be reused.
- 19 Pizza Merchandiser (2)
  - Nemco model 6452-2 and 6451
  - These units are in good condition and could be reused.
- 20 Bottle Cooler
  - QDB, model unknown
  - Unit is in good condition and can be reused.
- 21 Milk Cooler
  - Powers model 569
  - Unit is in good condition and can be reused.
- 22 Salad Bar (2)
  - Cambro, model unknown
  - Units are in good condition and could be reused.
  - I would suggest that these units be replaced with refrigerated units in the new design.
- 23 Refrigerator, 2-Section



- True model T-49
- Unit is in good condition and can be reused.
- 24 Condiment Counter
  - Custom Fabricated
  - Unit is in fair condition and could be reused.
- 25 Silverware Holder
  - Make and model unknown
  - Unit is in good condition and can be reused.
- 26 Napkin Dispenser
  - Make and model unknown
  - Unit is in good condition and can be reused.
- 27 Toaster, Pop-Up, 4-Slot
  - Hamilton Beach, model unknown
  - Unit is in good condition and can be reused.
- 28 Microwave Oven (2)
  - Emerson and Kenmore, models unknown
  - These units are residential and should not be used in a commercial setting. These units should be replaced.
- 29 Cashier Stands (2)
  - These units need to be replaced.
- 30 Cookie Display
  - Make and model unknown.
  - 12" x 18" x 17" high.
  - Unit is in good condition and can be reused.
- 31 Snack Rack
  - Make and model unknown
  - 15" x 28" x 50" high.
  - Unit is in good condition and can be reused.
- 32 Freezer, 1-Door
  - Make and model unknown.
  - This unit is residential and should not be used in a commercial setting. This unit should be replaced.
- 33 Can Rack
  - Win Holt, model unknown
  - Unit is in good conditions and can be reused.
- 34 Shelving Unit (2)
  - ISS, Gold Bond
  - 24" x 72" x 75" high, 4-Tier.
  - Units are in good condition and can be reused.
- 35 Freezer, 2-Section
  - True model T-49F
  - Unit is in good condition and can be reused.

Note: There are approximately 14 lin. Ft. of wood dry storage shelving in the store room.





Scope/Goals:

1. Renovate kitchen and cafeteria to create a more efficient and pleasant environment.
2. Possible relocation and expansion of kitchen and cafeteria into shop area and storeroom.
3. Add and/or replace old and worn cooking equipment.
4. Add and/or replace old and worn work tables and support equipment.
5. Confirm hood operation and add tempered make-up air as needed.
6. Possibly add a new walk-in cooler and freezer.
7. Renovate dishwashing area.
8. Create a serving area that work and looks better.
9. Renovate dry storage area.

If you have any questions about these notes and or comments, please do not hesitate to contact me at your earliest convenience.

Sincerely,

Thomas J. McArdle

## APPENDIX II: PART B



May 1, 2018

Charles Earley  
Lewis & Malm Architecture  
119 Main Street, P.O. Box 1459  
Bucksport, Maine 04416

Re: Boothbay Elementary School

Dear Charles,

The following is a quick survey of the existing equipment at the Boothbay Elementary School and a preliminary Scope for the renovations for the Kitchen.

General Note: Most of the equipment in this kitchen is more than 30 years old and should be replaced with new more efficient equipment.

Item # Description

- Notes
- 1 Dishtable, Soiled, "L" Shaped
    - Custom Fabricated
    - This unit might be replaced in the new design.
    - Unit should have a pre-rinse sink with pre-rinse spray unit.
  - 2 Disposer
    - Hobart, Unknown Model
    - This unit should be replaced.
  - 3 Booster Heater
    - Hatco model C-54
    - This item should be replaced when the dishwasher is replaced. A new dishwasher with internal booster will be much more efficient.
  - 4 Dishwasher, Conveyor-Type
    - Hobart model CRS-66
    - This unit should be replaced with a new more efficient unit.
  - 5 Dishtable, Clean, "L" Shaped
    - Custom Fabricated
    - This unit might be replaced in the new design.
  - 6 Utility Table, Mobile
    - Custom Fabricated
    - 24" x 32" x 29 ½" high.
    - Unit is in good condition and can be reused.
  - 7 Tray Dispenser (2)
    - Atlas, Unknown Model
    - Units are in good condition and can be reused.
  - 8 Milk Cooler
    - Powers model 569

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- Unit is in good condition and can be reused.
- 9 Mobile Condiment Table
  - Custom Fabricated
  - 30" x 48" x 31" high.
  - Unit is in good condition and can be reused.
- 10 Salad Bar
  - Cambro, Unknown Model
  - Unit is in good condition.
  - I would like to replace this unit with a refrigerated unit with an appropriate height for elementary school students.
- 11 Utility Cart
  - Lakeside model 721
  - Unit is in good condition and can be reused.
- 12 Heated Cabinet
  - Cres-Core model 1290-002
  - Unit is in good condition and can be reused.
- 13 Heated cabinet
  - Metro model C-175-HM2000
  - Unit is in good condition and can be reused.
- 14 Serving Counter, Hot Food
  - Duke model EP304-25 PGSWM
  - Unit is in good condition and can be reused.
  - Unit will require a new sneeze guard.
- 15 Serving Counter, Cold Food
  - Duke model 316-25PG
  - Unit is in good condition and can be reused.
  - Unit will require a new sneeze guard.
- 16 Work Table with Sink
  - Custom Fabricated
  - Unit is in fair conditions with rusty legs and cross-bracing.
  - Depending on the new design, this unit may be replaced.
- 17 Refrigerator, 2-Section
  - True model T-49
  - Unit is in good condition and can be reused.
- 18 Steamer
  - Market Forge model M36G275A
  - This unit should be replaced with a new more efficient unit.
- 19 Kettle, 40-Gallon
  - Market Forge model MT-40
  - This unit should be replaced with a new more efficient unit.
- 20 Sheet Pan Rack (2)
  - Cres-Cor model 200-1841
  - Units are in good condition and can be reused.
- 21 Convection Oven, Single (2)
  - Blodgett model DFG-100 Single
  - Units are in good condition and can be reused.
- 22 Range, 6-Burner



- Vulcan model 36L
- Unit is in good condition and can be reused.
- 23 Work Table
  - Advance/Tabco model SS-305
  - Unit is in good condition and can be reused.
- 24 Bowl and Cart
  - Manufacture and Model Unknown
  - Unit is in good condition and can be reused.
- 25 Work Table with Pot Rack
  - Custom Fabricated
  - Unit is in fair conditions with rusty legs and cross-bracing.
  - Depending on the new design, this unit may be replaced.
- 26 Mixer, 20-Quart
  - Hobart model A-200
  - Unit is in good condition and can be reused.
- 27 Mixer Stand
  - Custom Fabricated
  - Unit is in good condition and can be reused.
- 28 Bakers Table
  - Custom Fabricated
  - This unit should be replaced.
- 29 Mixer, 60-Quart
  - Hobart model H-600
  - Unit is in good condition and can be reused.
  - Unit does not have the safety guard that is now required.
- 30 Sink, 3-Compartment
  - Custom Fabricated
  - Unit is in good condition and can be reused.
- 31 Shelving Unit
  - Market Forge
  - Unit is in good condition and can be reused.
- 32 Shelving Unit
  - Metro
  - Unit is in good condition and can be reused.
- 33 Work Table
  - Custom Fabricated
  - Unit is in fair conditions with rusty legs and cross-bracing.
  - Depending on the new design, this unit may be replaced.
- 34 Toaster, Pop-Up
  - Toastmaster model TP424
  - Unit is in good condition and can be reused.
- 35 Coffee Brewer
  - Vaculator model RC-2
  - Unit is in good condition and can be reused.
- 36 Slicer
  - Univex model MAX 9512





- Unit is in good condition and can be reused.
- Unit does not have any safety features found on newer slicers.
- 37 Shelving Unit
  - Market Forge, Unknown Model
  - 23" x 50" x 33" high. 3-Tier.
  - Unit is in good condition and can be reused.
- 38 Utility Cart
  - Cambro, Unknown Model
  - Unit is in good condition and can be reused.
- 39 Shelving Unit
  - Market Forge, Unknown Model
  - 28" x 50" x 23" high. 2-Tier.
  - Unit is in good condition and can be reused.
- 40 Dry Storage Shelving
  - Market Forge, Unknown Model
  - Unit is in good condition and can be reused.
- 41 Dunnage Rack, Mobile
  - Market Forge, Unknown Model
  - Unit is in good condition and can be reused.
- 42 Can Rack (2)
  - Win-Holt, Unknown Model
  - Units are in good condition and can be reused.
- 43 Microwave Oven
  - Residential unit for break room use only.
- 44 Utility Cart
  - Lakeside model 721
  - Unit is in good condition and can be reused.
- 45 Cashier Stands (Carts) (2)
  - Units should be replaced with units that match serving counters.
- 46 Walk-In Freezer (Outdoors)
  - Norlake, Custom
  - 14' long x 6" wide.
  - Unit to be replaced with new indoor unit.
- 47 Hand Sink
  - Unknown make and model.
  - Unit is in good condition and can be reused.
- 48 Bottle Cooler
  - Beverage Air model MT-12
  - Unit is in good condition and can be reused.
- 49 Milk Cooler
  - Powers model 780
  - Unit is in good condition and can be reused.

Scope/Goals:

1. Remove existing exterior walk-in freezer and add new freezer in adjacent shop space.
2. Renovate kitchen to create a more efficient work flow.
3. Add and/or replace old and worn cooking equipment.

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4. Add and/or replace old and worn work tables and support equipment.
5. Confirm hood operation and add tempered make-up air as needed.
6. Remove existing walk-in cooler and freezer and add new cooler/freezer in adjacent shop area.
7. Renovate dishwashing area.
8. Create a serving line that works within the kitchen space.
9. Renovate dry storage area.

If you have any questions about these notes and or comments, please do not hesitate to contact me at your earliest convenience.

Sincerely,

Thomas J. McArdle