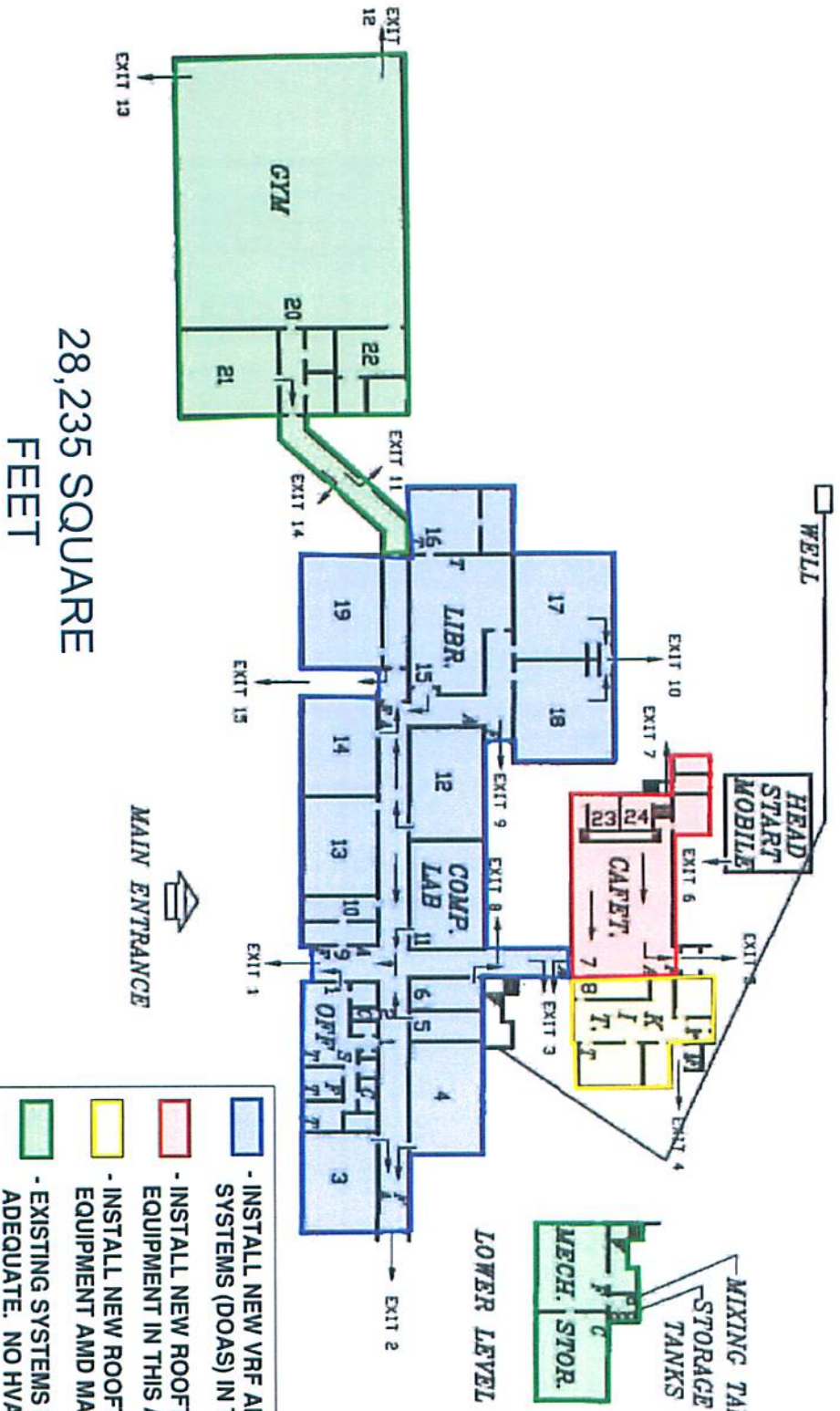


# PROPOSED HVAC BASE BID UPGRADES PLEASANT ELEMENTARY SCHOOL



28,235 SQUARE FEET

- INSTALL NEW VRF AND DEDICATED OUTSIDE AIR SYSTEMS (DOAS) IN THESE AREAS
  - INSTALL NEW ROOFTOP PACKAGE HVAC EQUIPMENT IN THIS AREA
  - INSTALL NEW ROOFTOP PACKAGE HVAC EQUIPMENT AND MAKE-UP AIR IN THIS AREA
  - EXISTING SYSTEMS IN THESE AREAS ARE ADEQUATE. NO HVAC UPGRADES ARE NECESSARY.
- 2/10/16

**PLEASANT VIEW**

AREA OF BUILDING	WORK DESCRIPTION
Classrooms	Install new single phase Multi Ductless systems and Dedicated Outside Air Systems (DOAS)
Office Areas	Install new single phase Multi Ductless systems and Dedicated Outside Air Systems (DOAS)
Library	Install new single phase Multi Ductless systems and Dedicated Outside Air Systems (DOAS)
Cafeteria	Install new roof top units
Kitchen	Install new roof top units and make-up air unit
Gymnasium	The HVAC systems have been studied and are adequate. No upgrade work is necessary at this time.

AMHERST COUNTY SCHOOLS PPEA - BUILDING INFRASTRUCTURE IMPROVEMENTS		BASE BID COST	ESCALATION	YEAR
<b>PLEASANT VIEW ELEMENTARY SCHOOL</b>				1
<b>Reimbursement Costs:</b>				
HVAC (Including Power Wiring) - Work Performed in Year 4		800,911	800,911	
BAS - Work Performed in Year 4		92,822	92,822	
<b>Sub Total (Mechanical)</b>		<b>893,733</b>	<b>893,733</b>	
Fuel Oil Tank - No Fuel Oil Tank On Site		-	-	
<b>Sub Total (Mechanical &amp; BAS)</b>		<b>893,733</b>	<b>893,733</b>	
General Conditions		17,875	17,875	
Builder Risk		894	894	
Permit Fees		6,792	6,792	
Contingency		28,063	28,063	
Bond		8,937	8,937	
<b>Sub Total for Direct Project Costs</b>		<b>956,294</b>	<b>956,294</b>	
GC Fee (For Managing Fuel Oil Tank Sub Contractor)		-	-	
No Fuel Oil Tank On Site				
<b>Fixed Costs:</b>				
Design Fee		26,812	26,812	
<b>Sub Total for Mechanical &amp; BAS</b>		<b>983,106</b>	<b>983,106</b>	
Lighting Upgrade - Work Performed and Billed in Year 1		75,147	75,147	
<b>TOTAL Project Cost</b>		<b>1,058,253</b>	<b>1,058,253</b>	
<b>DEDUCT Alternates:</b>				
DEDUCT Alternate #1 Do NOT Install Air Conditioning In Kitchen		(49,471)	(49,471)	
DEDUCT Alternate #2 Do NOT Install Makeup Air To Kitchen		(50,205)	(50,205)	
DEDUCT Alternate #3 Do NOT Demo Boiler (Abandonn in Place)		(15,000)	(15,000)	
DEDUCT Alternate #4 Do NOT Install Light Switches and Cover Plates		(561)	(561)	
DEDUCT Alternate #5 Do Not Install Exterior LED Lighting		(15,710)	(15,710)	
<b>Projected Annual Energy Savings for Lighting Upgrade</b>		<b>3,800</b>	<b>-</b>	
<b>Projected Annual Energy Savings for Mechanical Upgrade</b>		<b>7,872</b>	<b>-</b>	