

PROPOSED NEW

BOOTHBAY REGION HIGH SCHOOL

175 STUDENTS + 28 STAFF

ACADEMICS • SUSTAINABILITY • SAFETY • COMMUNITY

À RESPONSIBLE DESIGN THROUGH

SUSTAINABILITY

TARGET ENERGY USE INTENSITY (EUI) OF 32 EUI WHICH IS 54% MORE EFFICIENT THAN THE **EXISTING HIGH SCHOOL**. ENERGY USE INTENSITY IS THE "MILES PER GALLON" FOR A BUILDING

HIGHLY EFFICIENT EXTERIOR ENVELOPE WITH INCREASED INSULATION, TRIPLE PANE INSULATED WINDOWS, ELIMINATE BUILDING AIR LEAKAGE, AND INCREASED THERMAL COMFORT

REDUCED FOSSIL FUEL DEPENDENCY BY USING EFFICIENT AIR SOURCE HEAT PUMPS AND FUTURE ON-SITE ENERGY HARVESTING WITH ROOF MOUNTED SOLAR PANELS

SUSTAINABILITY FEATURES DESIGNED TO INCREASE HEALTH AND **WELLNESS** BY INCREASING **NATURAL LIGHT**, BETTER **INDOOR AIR** QUALITY. AND BALANCED ACOUSTICS.



QUESTION #2: \$60,200,000



PROPOSED RENOVATED

BOOTHBAY REGION ELEMENTARY SCHOOL

314 STUDENTS + 53 STAFF

ACADEMICS • SUSTAINABILITY •

SAFETY

COMMUNITY

A RESPONSIBLE DESIGN THROUGH

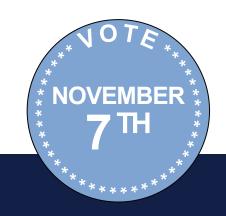
SUSTAINABILITY

INCREASING THE ENERGY EFFICIENCY OF THE BUILDING BY INSULATING THE EXTERIOR WALLS AND REDUCING BUILDING AIR LEAKAGE

INCREASING HEALTH AND WELLNESS BY RELOCATING STUDENTS FROM AREAS OF THE BUILDING WITH NO NATURAL LIGHT TO AREAS WITH PLENTY OF NATURAL LIGHT

REDUCED DEPENDENCY ON FOSSIL FUELS WITH FUTURE ON-SITE ENERGY HARVESTING THROUGH THE USE OF ON-SITE SOLAR PANELS

REPLACING ALL EXISTING WINDOWS WITH THERMALLY BROKEN **INSULATED WINDOWS** WITH LOW-E COATING TO REDUCE THERMAL GAIN



QUESTION #1: \$28,800,000