



Board Of Education Update
November 28, 2017

BALANCE: NEEDS, EXPECTATIONS, DOLLARS

Scope + **Quality** = **Budget**

Size of Additions
Type of Space
Renovate Existing
Sitework
Storm Shelter
Furniture/Technology
Sustainability

Exterior Enclosure
Structural System
Interior Construction
Interior Finishes
Type of MEPFP Systems
Life Cycle Costs
Building Control Systems

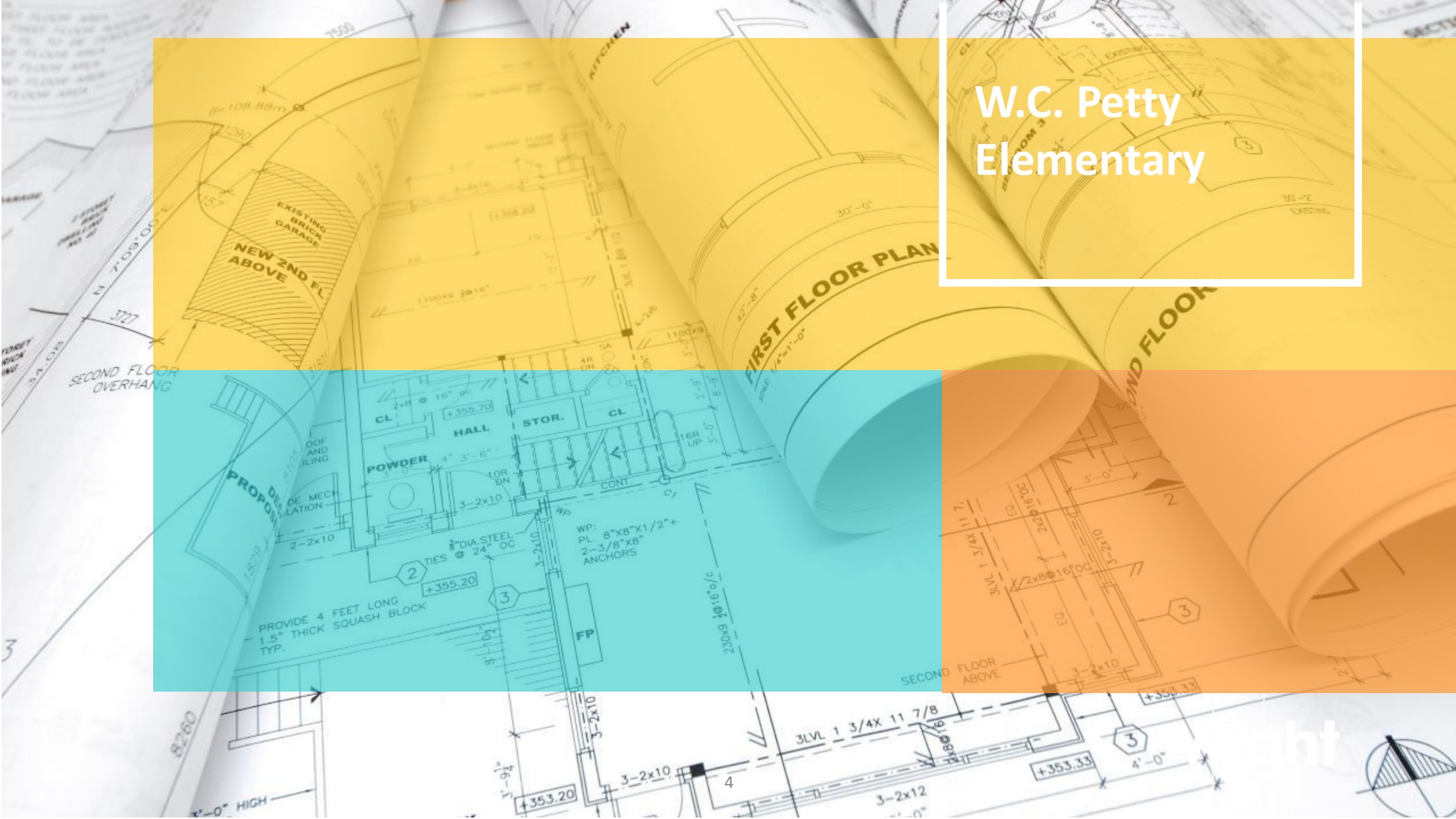
\$26.6 M
Fixed
Budget

\$25.1 M
.5 M AES

SCHEDULE

- **September 15 – Design Development complete**
 - **Plans submitted to Antioch and Lake Villa for Zoning approvals**
- **November 6 - Construction Documents 75% complete**
 - **Update cost estimate and review scope alignment with budget**
 - **Continue development of construction phasing plans**
- **December 30 – Construction Documents 100% complete**
 - **Submit drawings for Building Permit**
 - **Collect presentation feedback and discuss format of upcoming CES 2**
- **January 2018 – Bidding Process**
 - **Review preliminary concept plans, student capacity, curriculum needs**
- **March 2018 – August 2019 Construction**
 - **More details at November Board of Education Meeting**

W.C. Petty Elementary





FLOOR AREA

EXISTING: 44,545 SF
ADDITIONS: 18, 955 SF
TOTAL: 63,500 SF

LEGEND

- ADMINISTRATION
- ASSEMBLY
- CIRCULATION
- CLASSROOM
- REMODELED SPACE
- ADDITION

- CO-CURRICULAR CLASS
- COLLABORATIVE AREA
- INFRASTRUCTURE
- STUDENT SUPPORT
- MAIN/ACTIVITY ENTRY
- SECONDARY, EXIT





1E



W.C. Petty



W.C. Petty



W.C. Petty







Classroom



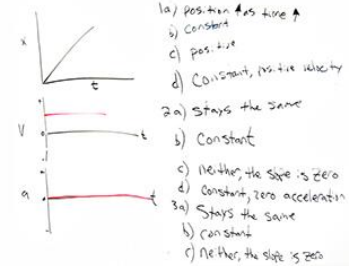


PLTW/Maker Space



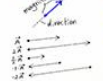
Learning Resource Center

5th Grade Living Room



VECTOR Math 135

A vector is a quantity with magnitude and direction.



• Vector addition
 $a + b = c$
 $a + (-a) = 0$
 $a + a = 2a$
 $a + (-a) = 0$
 $a + a = 2a$
 $a + (-a) = 0$



A quadratic equation is a second degree equation.
 $ax^2 + bx + c = 0$
The quadratic formula gives the solutions for x in terms of a, b and c .
Quadratic Formula
 $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Try to find the roots of the equation $x^2 - 5x + 6 = 0$.
The equation is $x^2 - 5x + 6 = 0$.
The roots are $x = 2$ and $x = 3$.

Learning Den





Gymnasium



Oakland Elementary

Oakland



FLOOR AREA

EXISTING: 36,000 SF
ADDITIONS: 35,186 SF
TOTAL: 71,186 SF









OAKLAND











Classroom



PLTW /Maker Space





Learning Resource Center



Collaboration Corner



Living Room



Gymnasium