

# The **ABC's** of Facility Planning

August 2023



Mt Abraham Middle High School



# About **TruexCullins**

## **Architecture and Interior Design**

Burlington, Vermont.

Founded 1968

Staff of 38

## **School design expertise**

focusing on:

Vermont PK-12 Schools

American International

Schools

Colleges & Universities



Williston Central School



# Facilities Master Planning

What is involved?

How long does it take?

How much does it cost?



Winooski Schools



## Context

Registered Architects or  
Professional Engineers  
required by law

Pre-qualification of  
architects currently not  
required

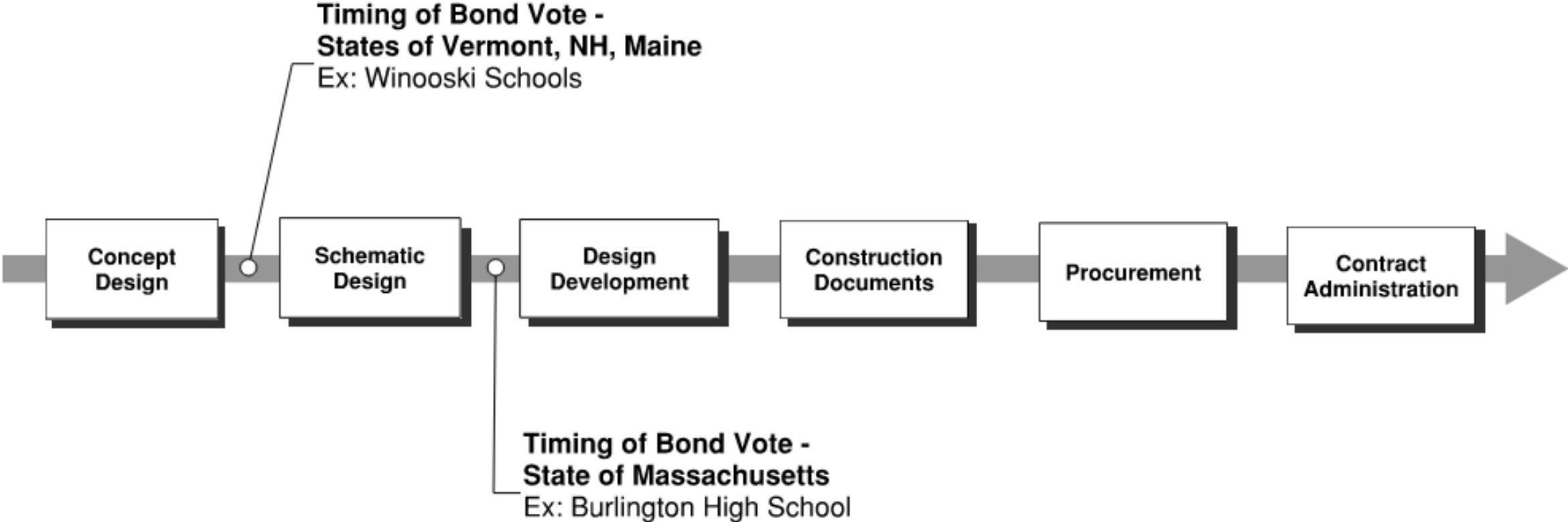
Single Facility vs Whole  
District

Concept Design vs  
Schematic Design Level

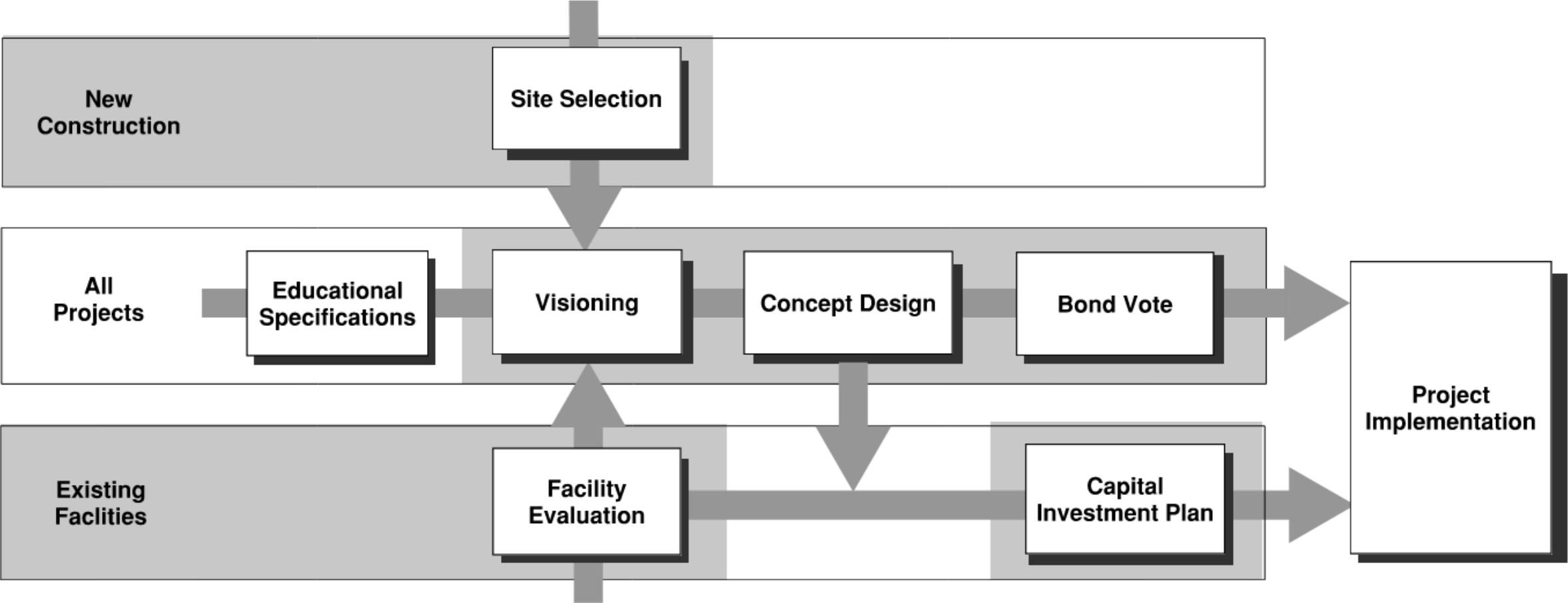


Mount Abraham Middle High School

# Design Phases



# Planning Phases



# Types of Facility Studies

## A. Whole District or Supervisory Union

1. Facility Evaluations only
2. District Master Plan without facility evaluations
3. District Master Plan with facility evaluations

## B. Single Facility

1. Facility Evaluation only
2. Existing Facility Master Plan with facility evaluation
3. New Build on existing site
4. New Build with site selection

\* studies can often include items 2, 3, & 4

Pricing is custom and currently ranges from \$40k to \$310k (A.1. to B.4) for Concept Design level work.

Burlington School District authorized Schematic Design level pre-bond work and expended close to \$1m.



# Educational Specifications

Enrollment Projections

Internal vs external  
facilitation

External facilitation  
recommended

Visioning Phase:  
Space Needs Questionnaire



Vermont Day School



# Facility Evaluation

Renovations/Additions only

Report

Description of existing conditions

Recommendations for modernization

Prioritization of needs

Costs for upgrades





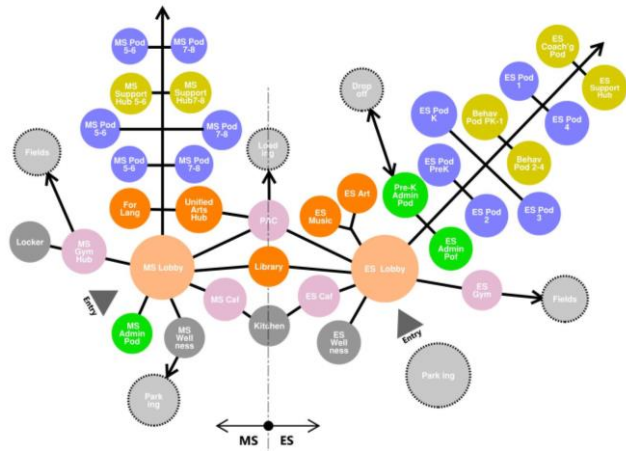
# Visioning

Establish the basis for design

Guiding Principles

Organizational Diagrams

Space Needs Program



Mount Abraham Middle High School



# Concept Design



- Site Feasibility
- Site Selection
- Concept Design
- Cost Estimating
- Project Budget



Milton Elementary Middle School



# Owner Team

## Project Leaders:

Superintendent  
School Board Chair  
Facility Committee Chair

## Project Staff:

Internal or consultant

## Executive Committee

+

## Facility Committee

includes:  
board members  
admin  
staff  
community members

## Owner's Project Manager



Winooski School District



# Design Team

Architect-led

District/SU contracts with  
Architect

Architect contracts with:

Engineers

Cost Estimator

Specialty Consultants  
as needed



East Montpelier Elementary School

# Public Outreach

Start with the **Why** - Then  
with the **What**

Never Squander **Trust**

Political Capital

Communications Manager

Cultivate project friends,  
neutralize project enemies





**Thanks!**

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Winooski School District