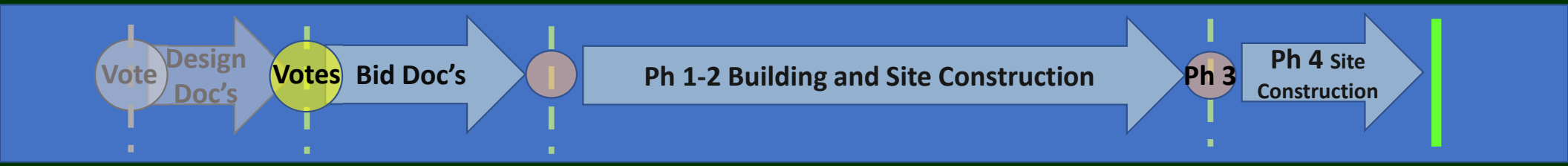

Westwood Public Schools
Hanlon-Deerfield School Building Project
Planning Board Hearing
21 September 2021
WESTWOOD
dw
DORE + WHITTIER

Agenda

- Project Schedule
- Design Inspiration and Project Overview
- Traffic Analysis
- Site Plan, Floor Plans, and Utility Plan
- Sustainability Overview
- 3D Video Flyby
- Q & A

Projected Project Schedule



Town Vote
May 2021
Bridge Funding

Town Votes
Oct 2021

Start Construction
July 2022

Move In
Feb 2024

Completion
Aug 2024

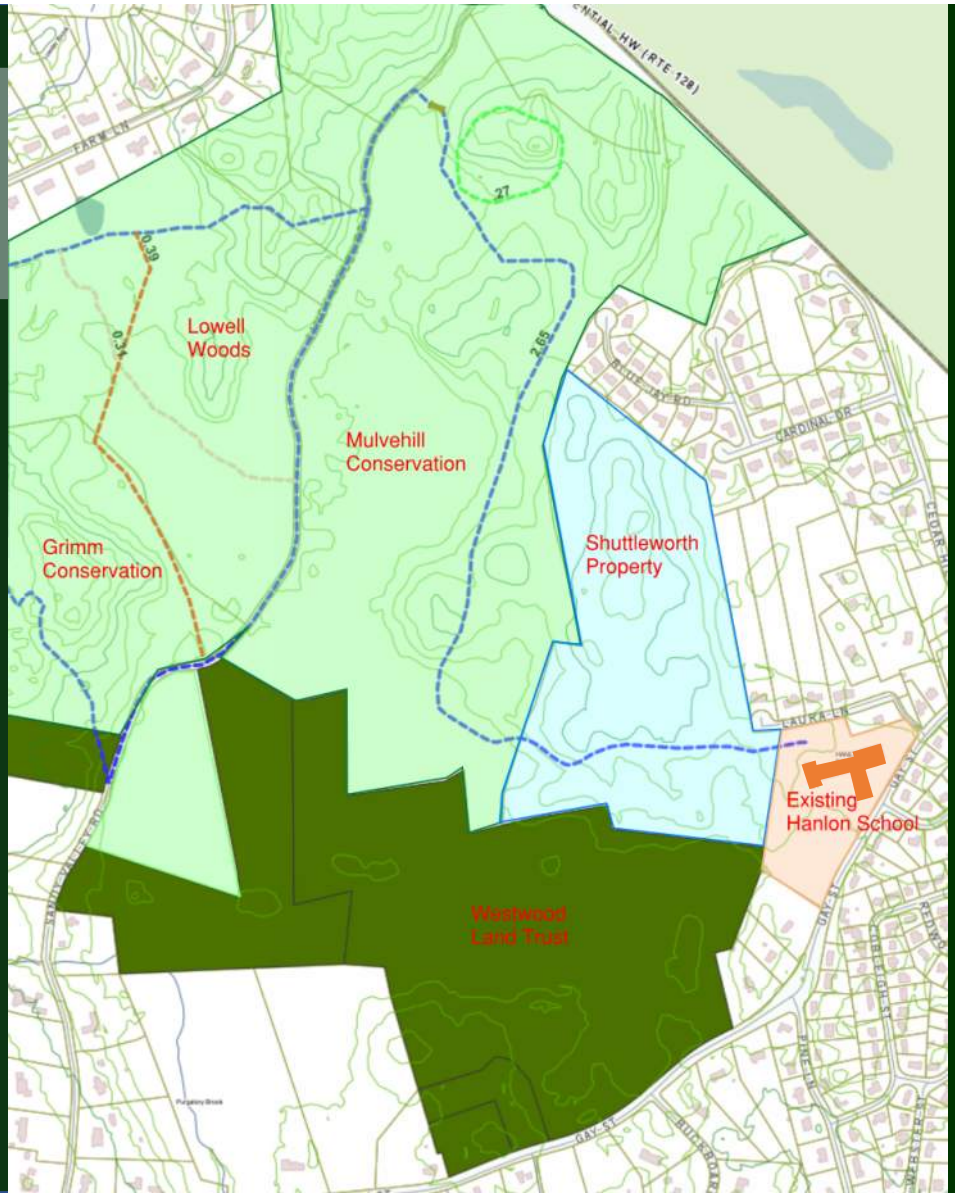
Votes and Bid Document Prep:
Spring 2021- Spring 2022

- Feb 2021: Submit SD package to MSBA
- Apr 2021: MSBA SD Vote
- May Town Vote: Bridge Funding DD Phase
- June-Sept 2021: 4 months of Design Development
- Oct 18 Town Meeting and Oct 26 Town Vote: Full Project
- Nov 2021-May 2022: 7 months of Construction Documents

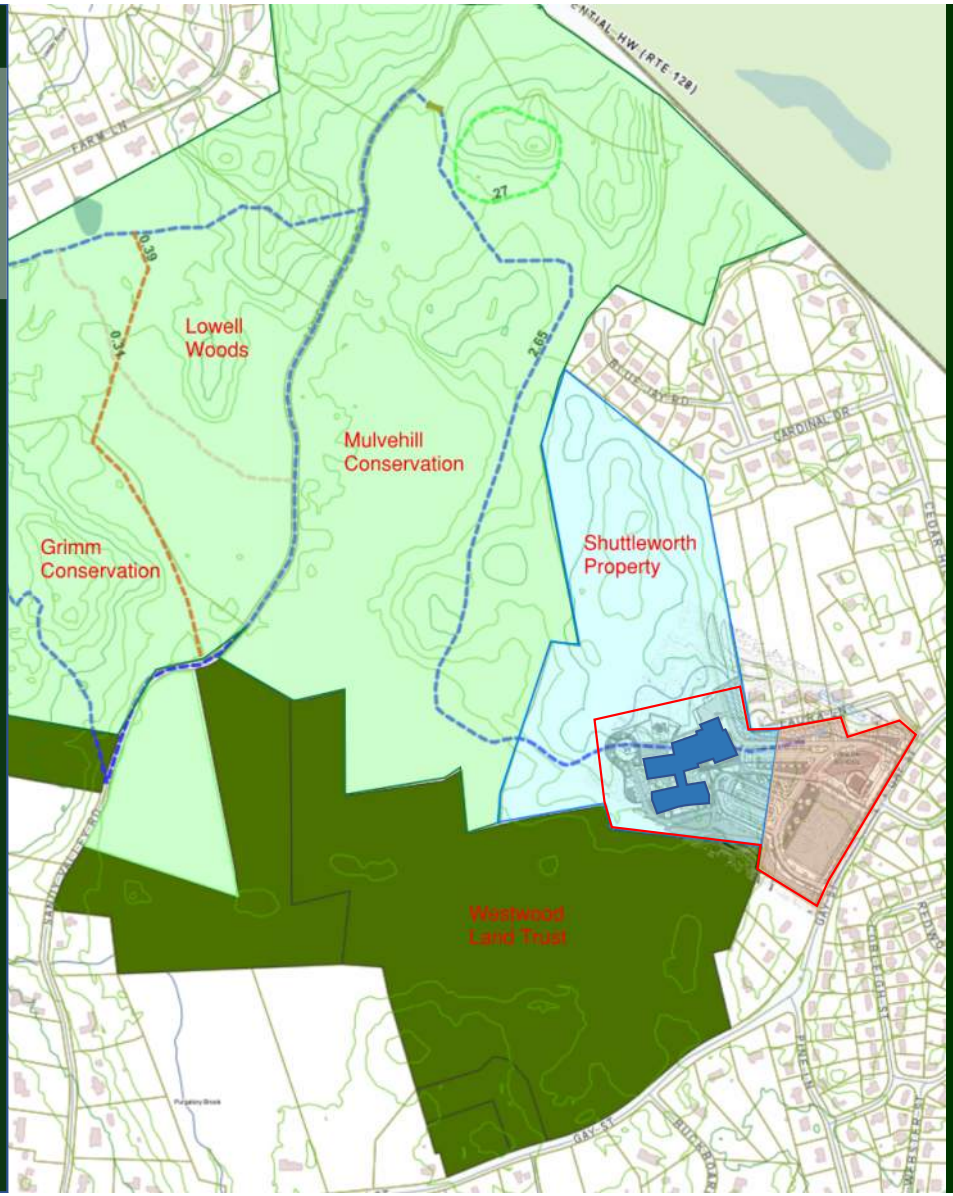
Construction:
Summer 2022- Summer 2024

- June-July: 2 months bidding
- July 2022-Feb 2024: 19 months building construction
- Feb 2024: Move into new school
- April 2024-Aug 2024: Demo existing building – complete remaining site work

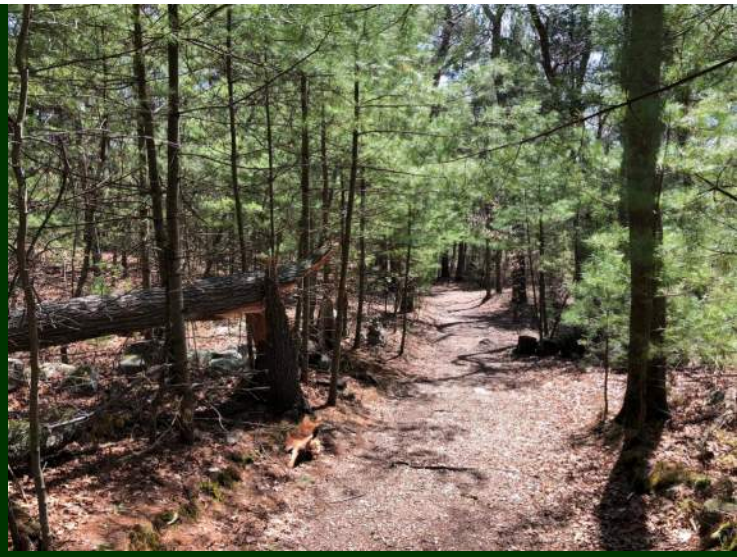
Community Context



Community Context



Existing Site Color Palette
“a school in the woods”

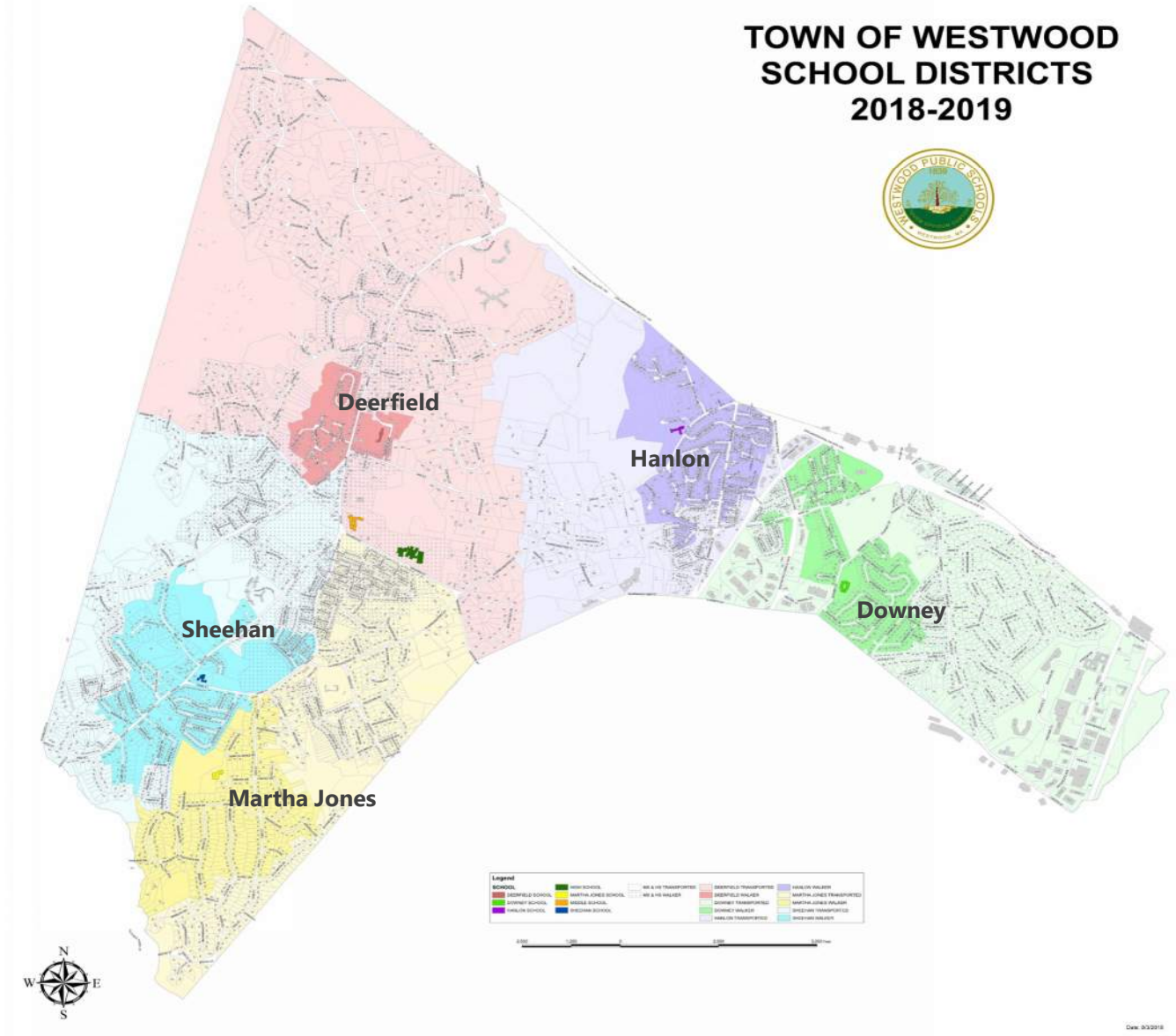



View from Gay Street

View from Gay Street at northern entrance

Birdseye overall view of building, looking northwest

TOWN OF WESTWOOD
SCHOOL DISTRICTS
2018-2019



Existing Traffic

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Summary

315 Studemts – Hanlon
245 Students – Deerfield
560 Students Combined

- Approx. 80% of Deerfield students ride the bus
- Minimal impact on traffic
- No turning lanes needed

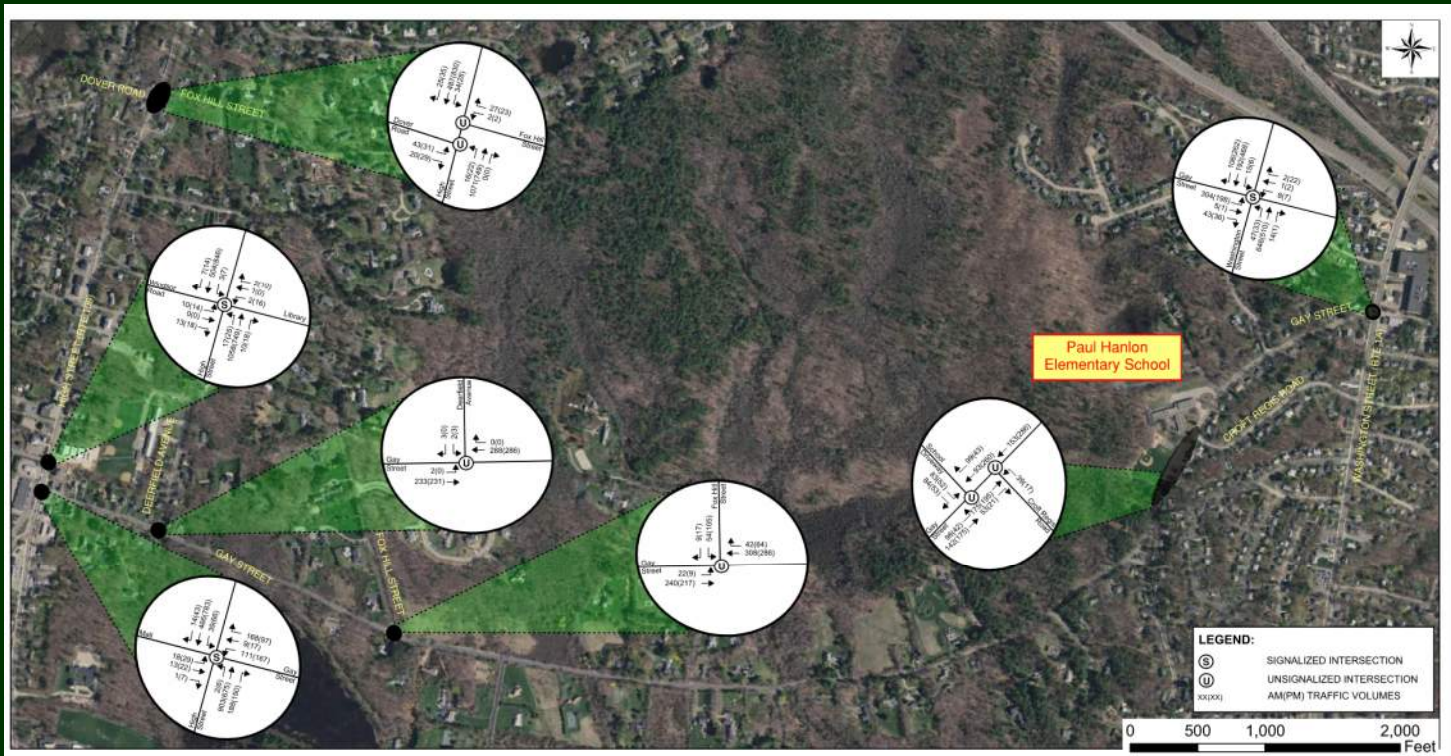

Figure 8: 2027 Future Build Peak Hour Volumes
Paul Hanlon Elementary School
Westwood, MA

Traffic Analysis Completed

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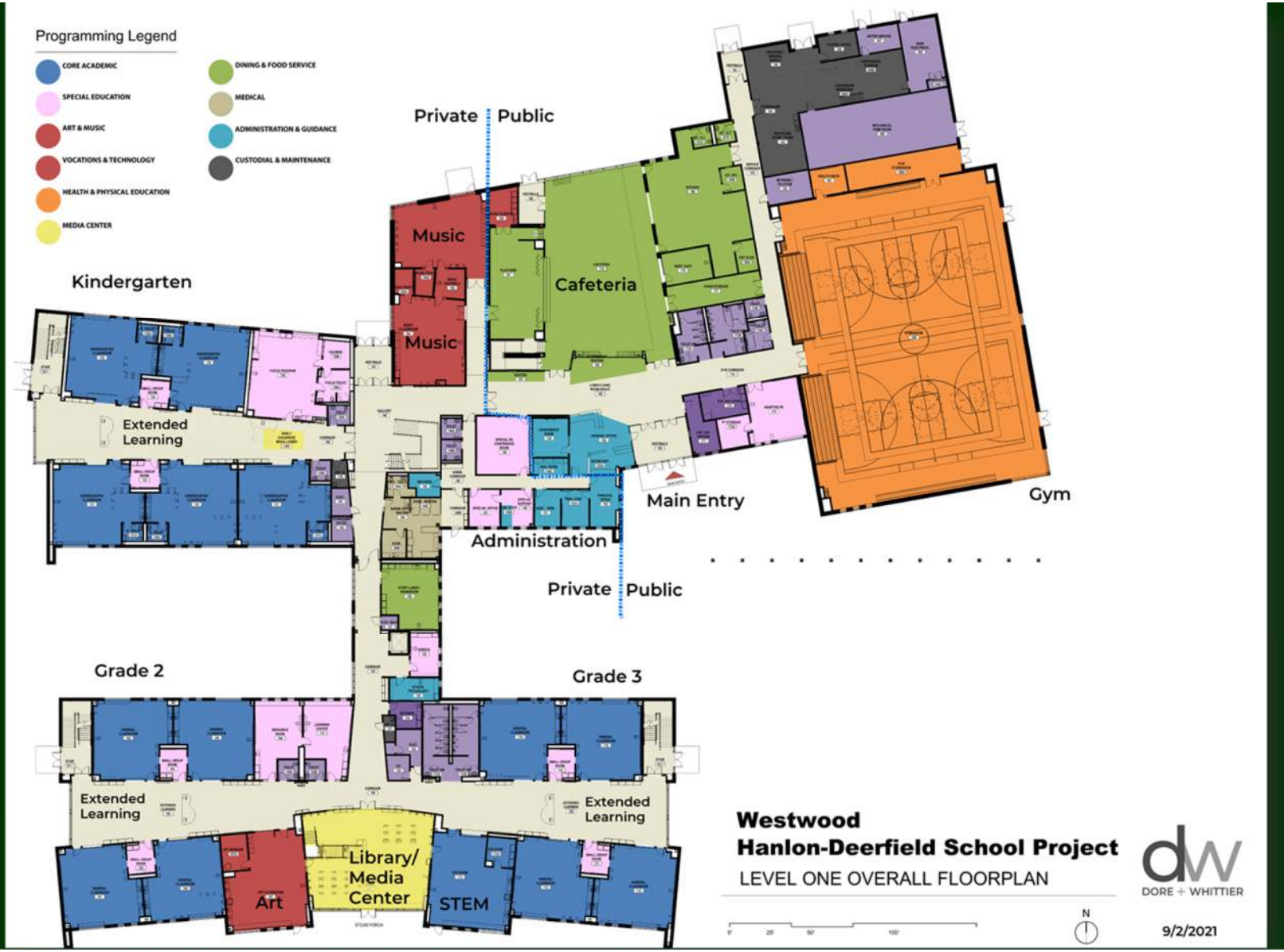
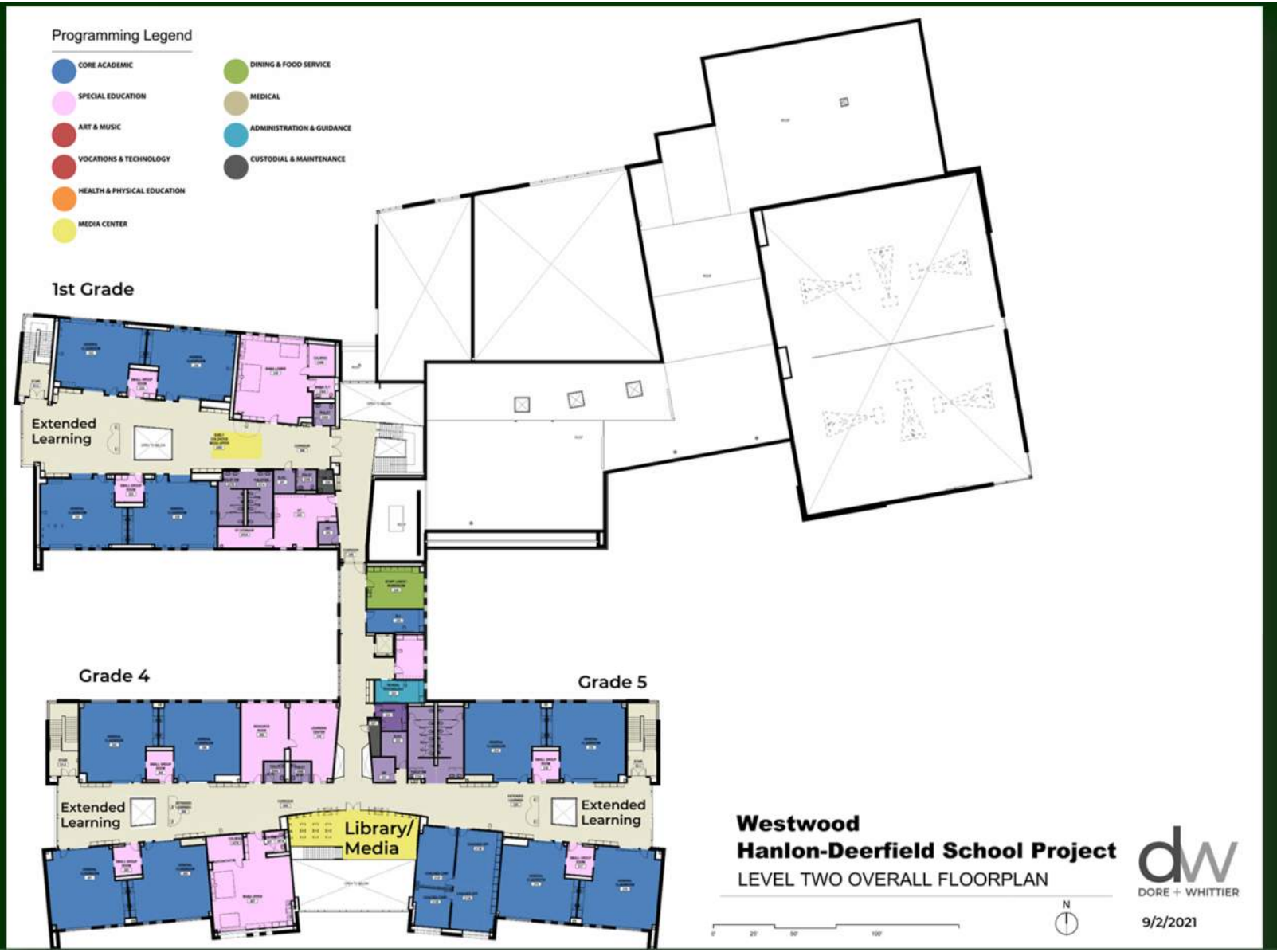
Site Plan

113,141 sf building, 18.5 acres +/-

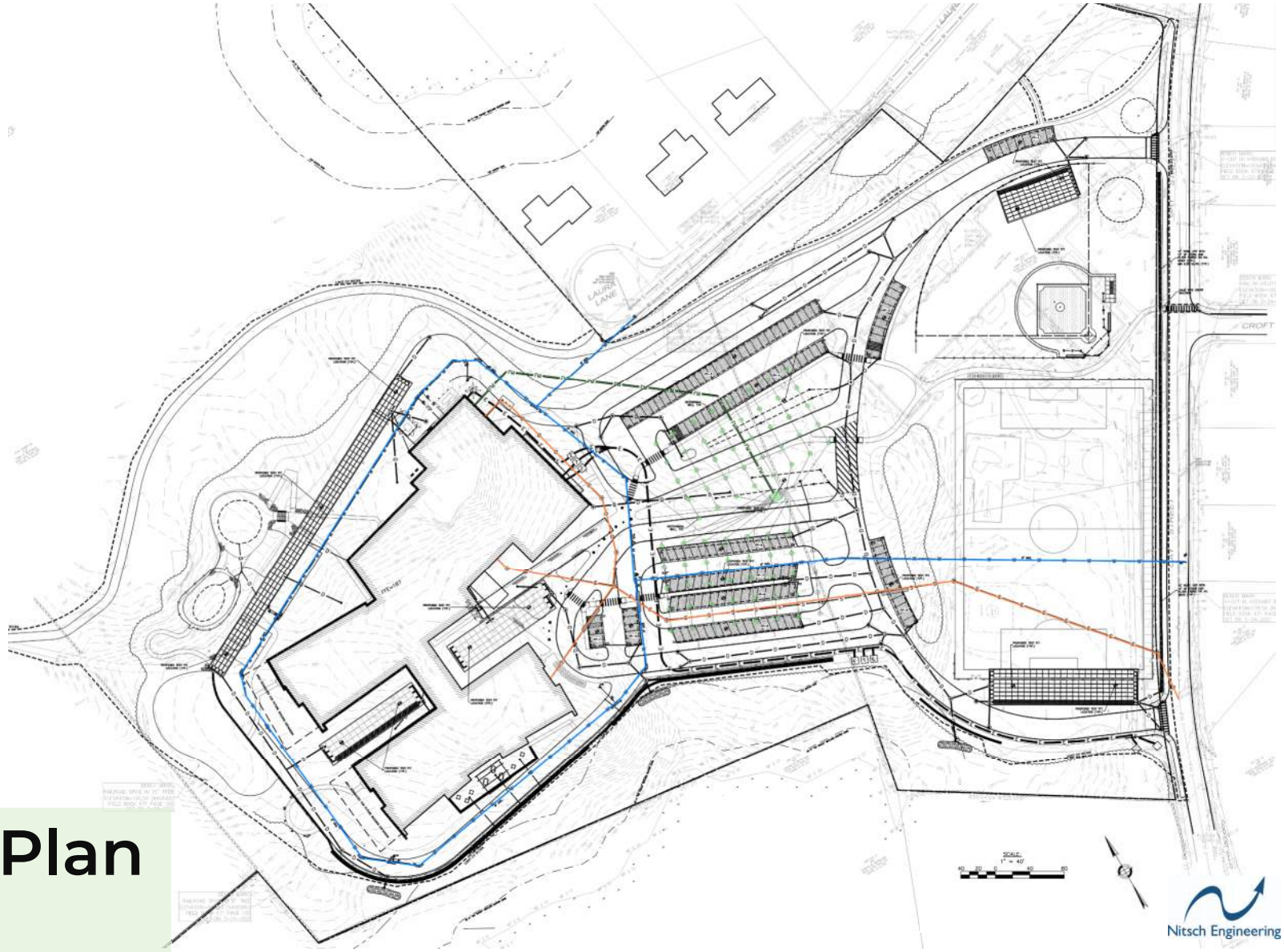
First Floor Plan



Second Floor Plan



Utility Plan



Nitsch Engineering

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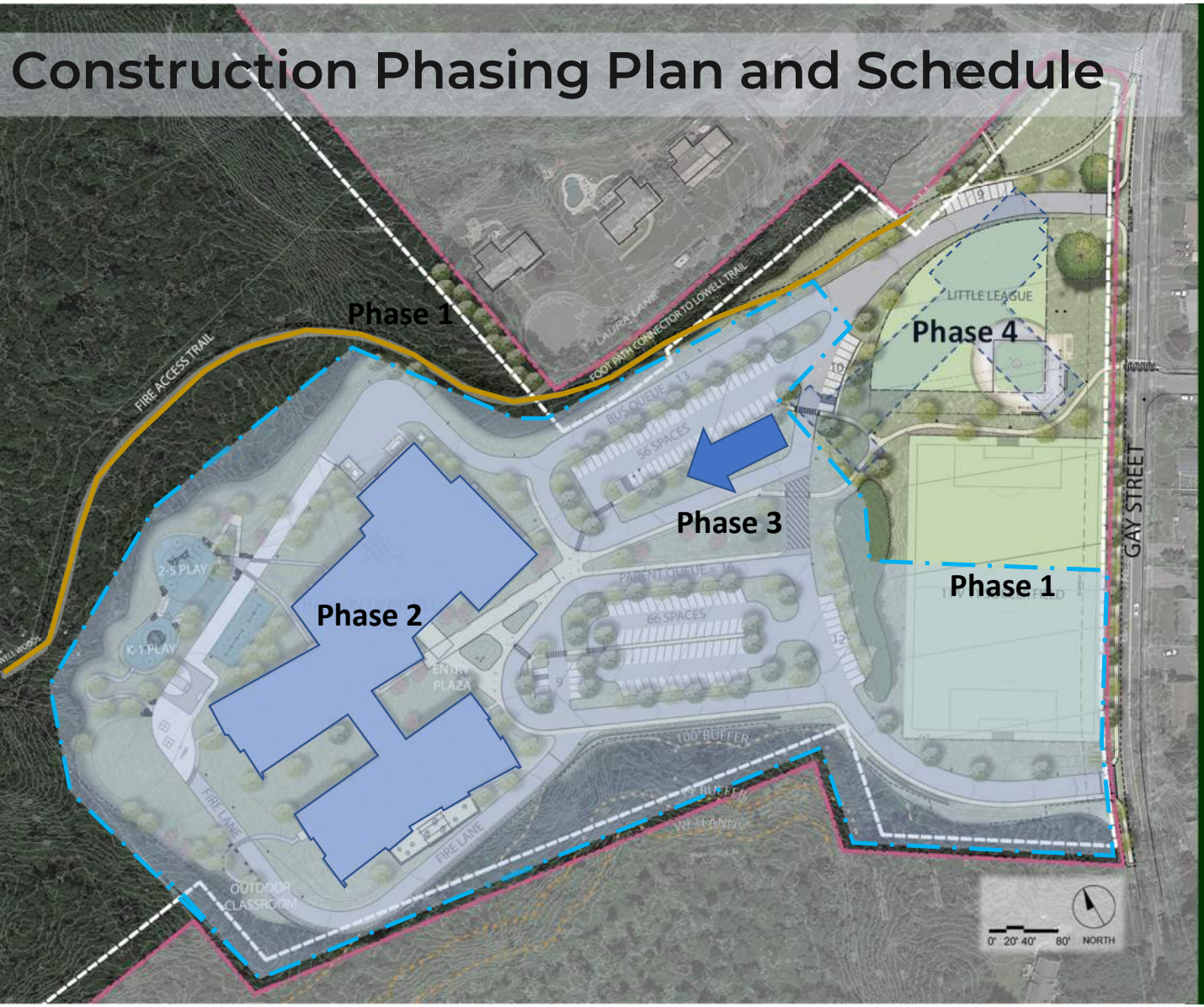
Construction Phasing Plan and Schedule



Phase 1:

- Construct fencing- separation from existing school
- Clear, grub, prep site
- Construct new trail

Phase 2:
Construct new school

Phase 3:
Move students into new building

Phase 4:
Abate and demolish existing school

Complete remaining fields, landscaping and roads

Existing school remains in continuous operation throughout construction

Sustainability Overview

Partnered with WEAC: Aligned Sustainability Goals

Certified Green School: Tracking LEED-v4 Silver

Net Zero Energy Ready (energy used = energy generated)

- Exterior Envelope: Significant Insulation, minimal air infiltration
- Low Energy Building: Below 25 EUI (Energy Use Intensity)
- High Performance Ventilation
- All Electric: Fossil Fuel Free, Geothermal heating/cooling
- Solar Panel Ready

Mass Save/Eversource Incentives

Reduces Carbon Impact on Climate Change

mass save
Savings through energy efficiency

Video Fly By

Questions, Comments, Reactions?