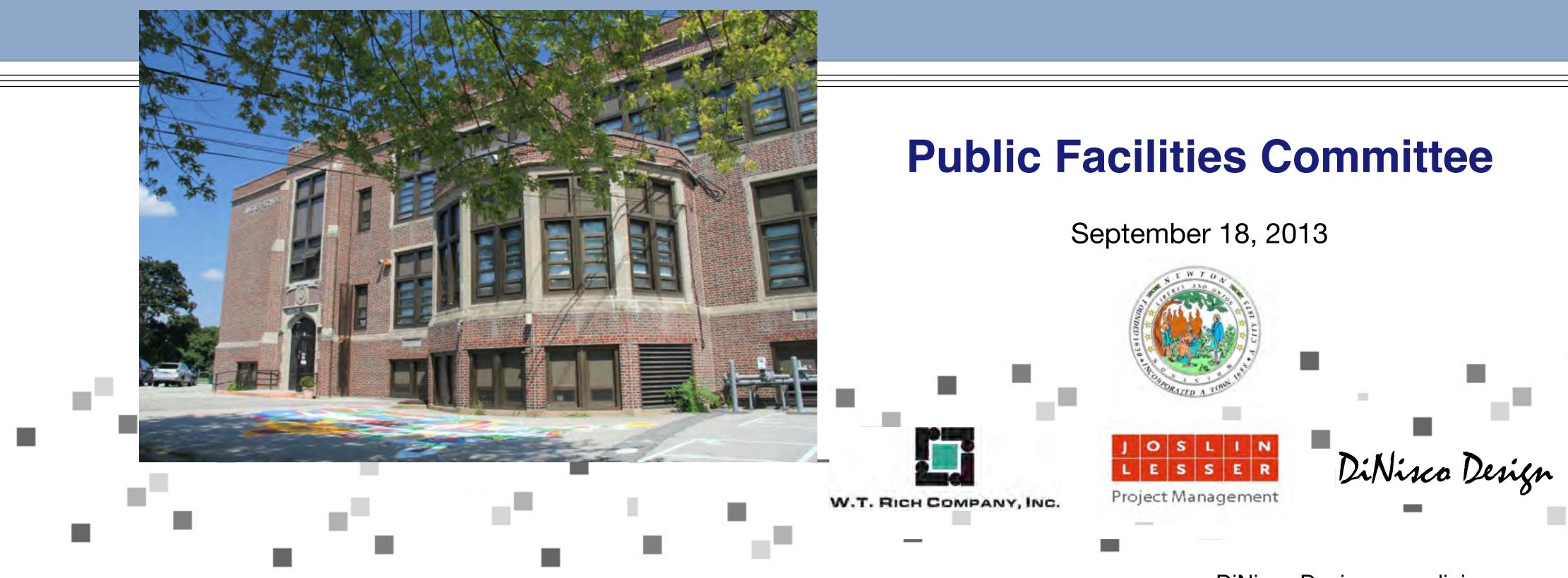
# **Angier Elementary School**



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### **Approval Process**

**ANGIER ELEMENTARY SCHOOL - NEWTON, MA** 

#### **APPROVALS PROCESS**

Sep. 11, 2013

Sep. 18, 2013 **BOA Public Facilities 5-58 Site Plan Approval Vote Joint Meeting with Programs and Services** 

Sep. 23, 2013 BOA Finance Committee Meeting

Oct. 2, 2013 **MSBA Board Vote on Project Scope and Budget Agreement** 

#### **BOA 5-58 Approval and Full Project Funding Approval** Oct. 7, 2013



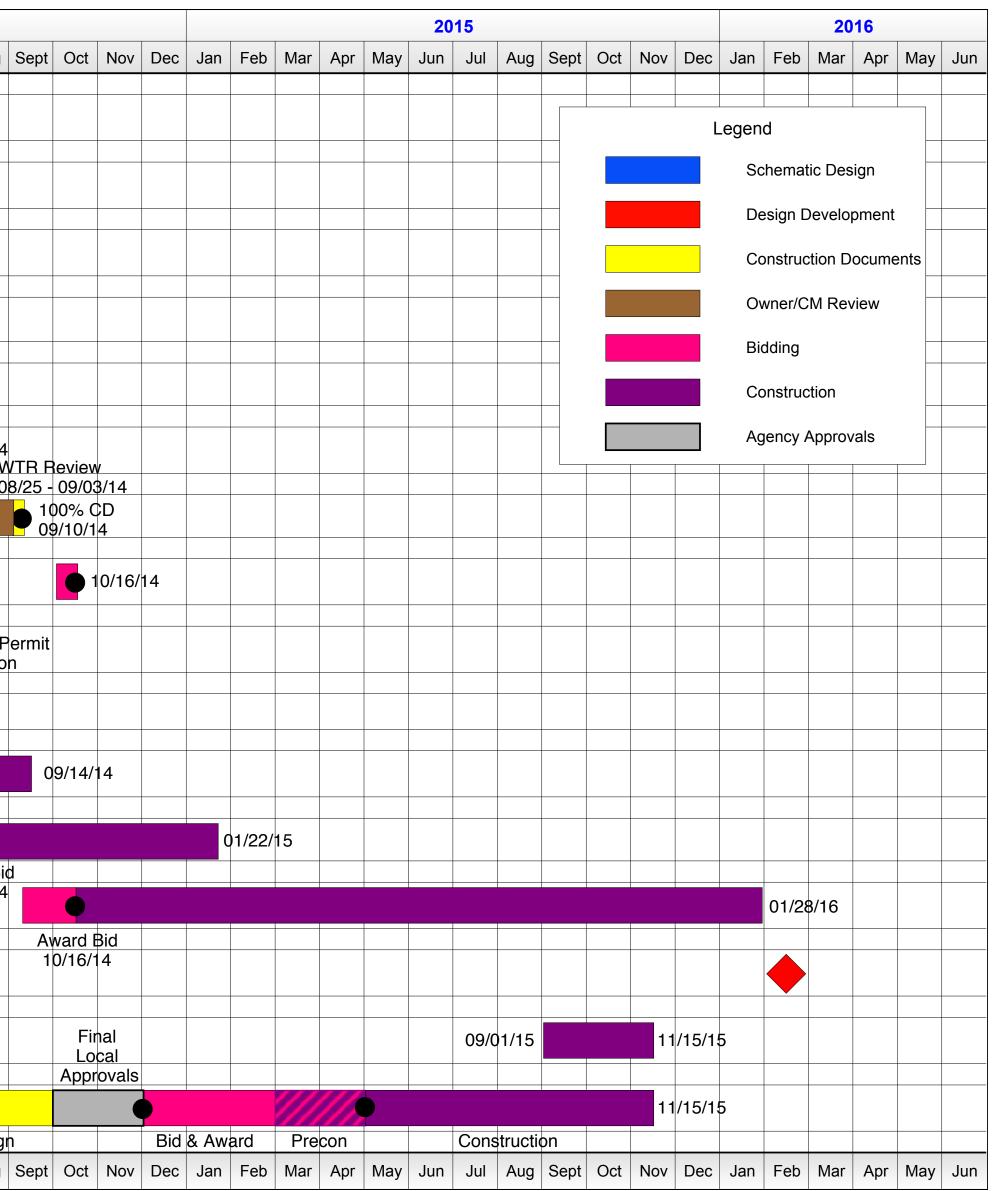
9/18/2013

### **BOA Public Facilities 5-58 Site Plan Approval Public Hearing**

### Project Schedule

Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	
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Tuesday, September 17, 13



## Schematic Design Total Proj

Feasibility Study (currently funded)	
Administration (includes OPM fees for DD through Closeout)	
Architecture and Engineering (DD through Closeout)	
CM at Risk Pre-Construction Services (DD through Closeout)	
Construction Costs	(
Off-Site Improvements (MSBA Excluded)	(
Miscellaneous Project Costs (Utility Fees, Testing, Moving)	(
Furnishings and Educational Technology	(
Potentially Eligible Construction Contingency	(
Potentially Eligible Owner's (soft cost) Contingency	(
Total Project Budget	
Minumum Anticipated MSBA Grant	(
Maximum Local Share	
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)je	ect Buc stimated Cost	lget Summa	ary
\$	717,659		
\$	970,000		
\$	2,491,100		
\$	123,600		
\$	26,231,698	Key Project Met	rics
\$	3,948,259	Design Enrollment	465
\$	230,000	Total Building SF	74,960
\$	1,116,000	Construction Cost/SF	\$349.94
\$	1,311,474		
\$	360,210		
\$	37,500,000		

- \$ 10,000,000
- \$ 27,500,000

### Site Analysis



Tuesday, September 17, 13

### **Existing Site Utilization**

- 2 acres constrained
- Inefficient layout
- Steep slope at T tracks
- Congested traffic/drop-off
- Inadequate parking



## Site Plan

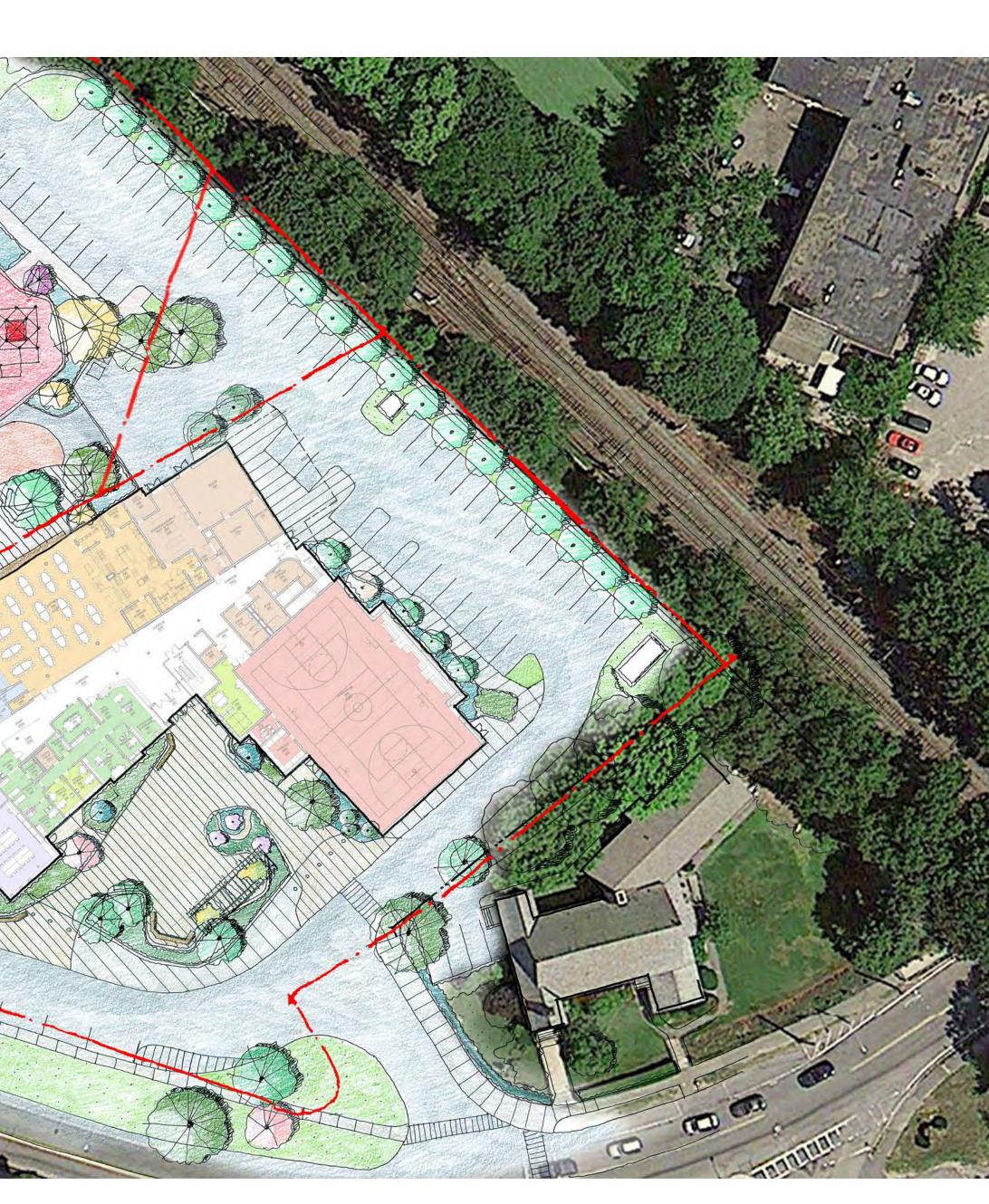
#### **Site Comments**

- Relocate basketball 1/2 court area.
- Improve sight lines to Playground.
- Provide access controls to emergency lane.
- Provide sidewalk access to playground.

#### **Plan Comments**

- Provide ability to secure stairwells.
- Increase transparency of central stair.
- Simplify ramps.
- Distribute toilets.
- The building will be fully air conditioned, including Gym.





### **Exterior Elevations**





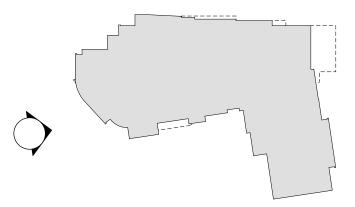
#### East Elevation

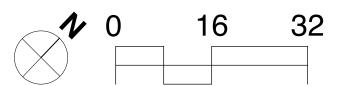
### **Exterior Elevations**



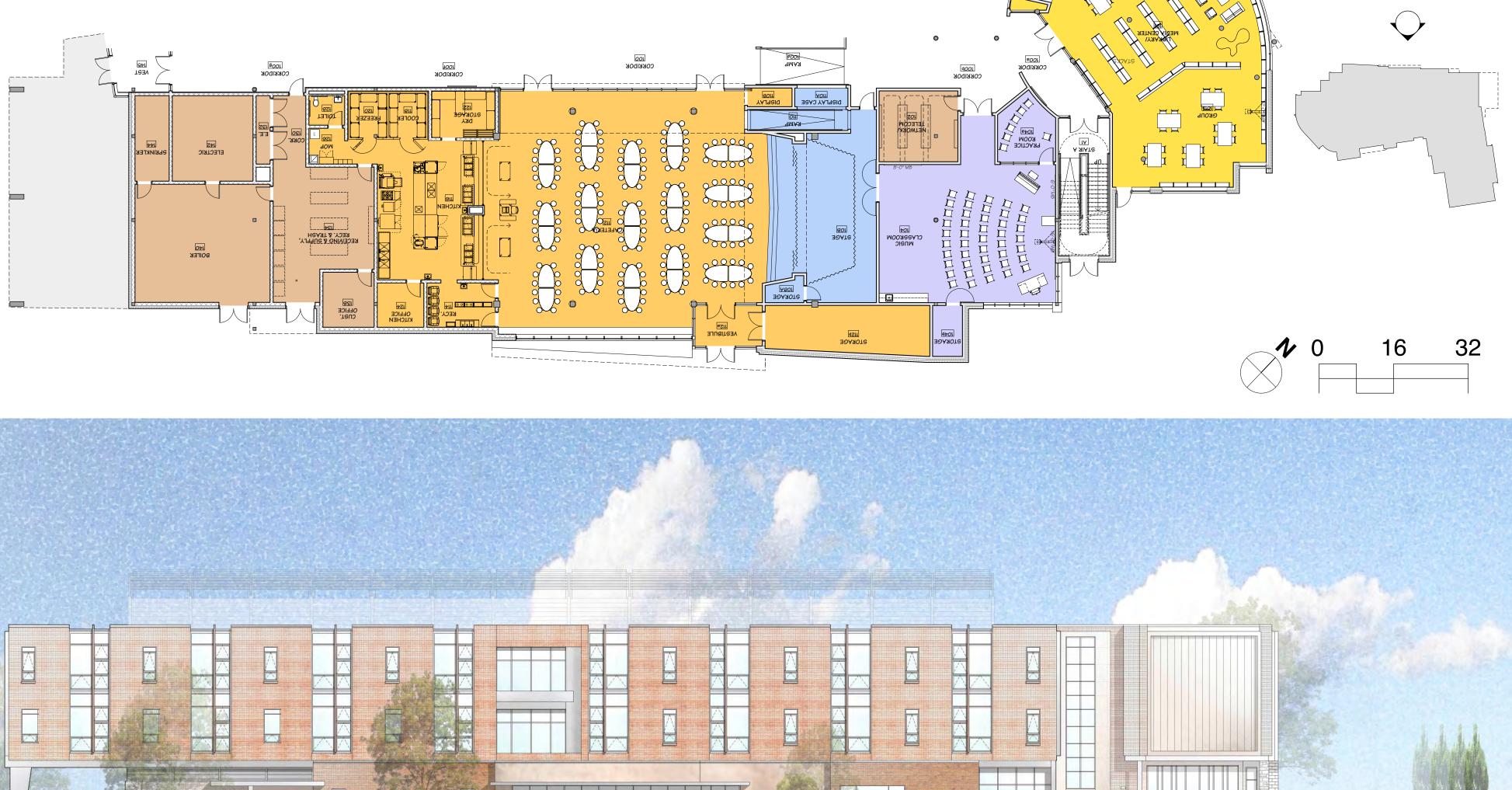


#### South Elevation





### **Exterior Elevations**

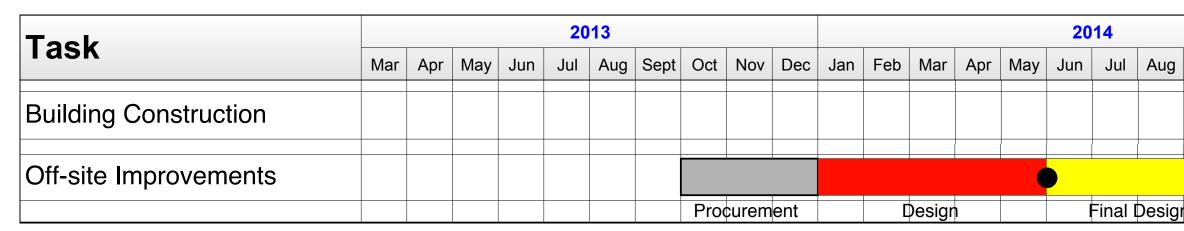


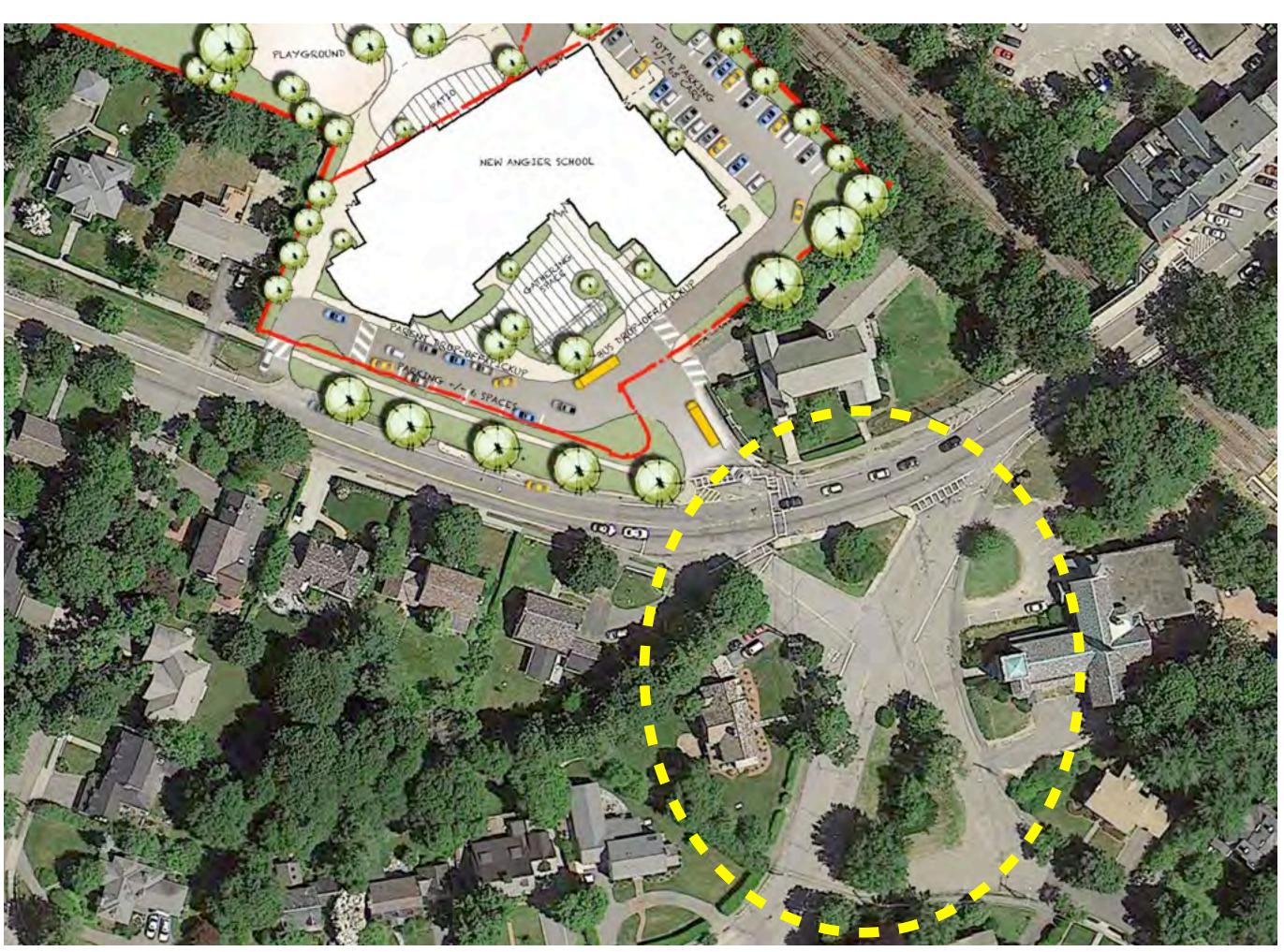


#### West Elevation

## Off-site Improvements

- Roadway
- Underground Utilities
- Traffic Signals
- Sidewalk & Pedestrian
- Lighting
- Landscaping





		2015									2016											
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
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## **Construction Management Plan**

### Safety, mitigation and logistics OUR GOAL:

 Assure the health and safety of the community and workforce while **minimizing disruption** to the community and enabling **cost-effective** progression of the work

#### **KEY STRATEGIES**:

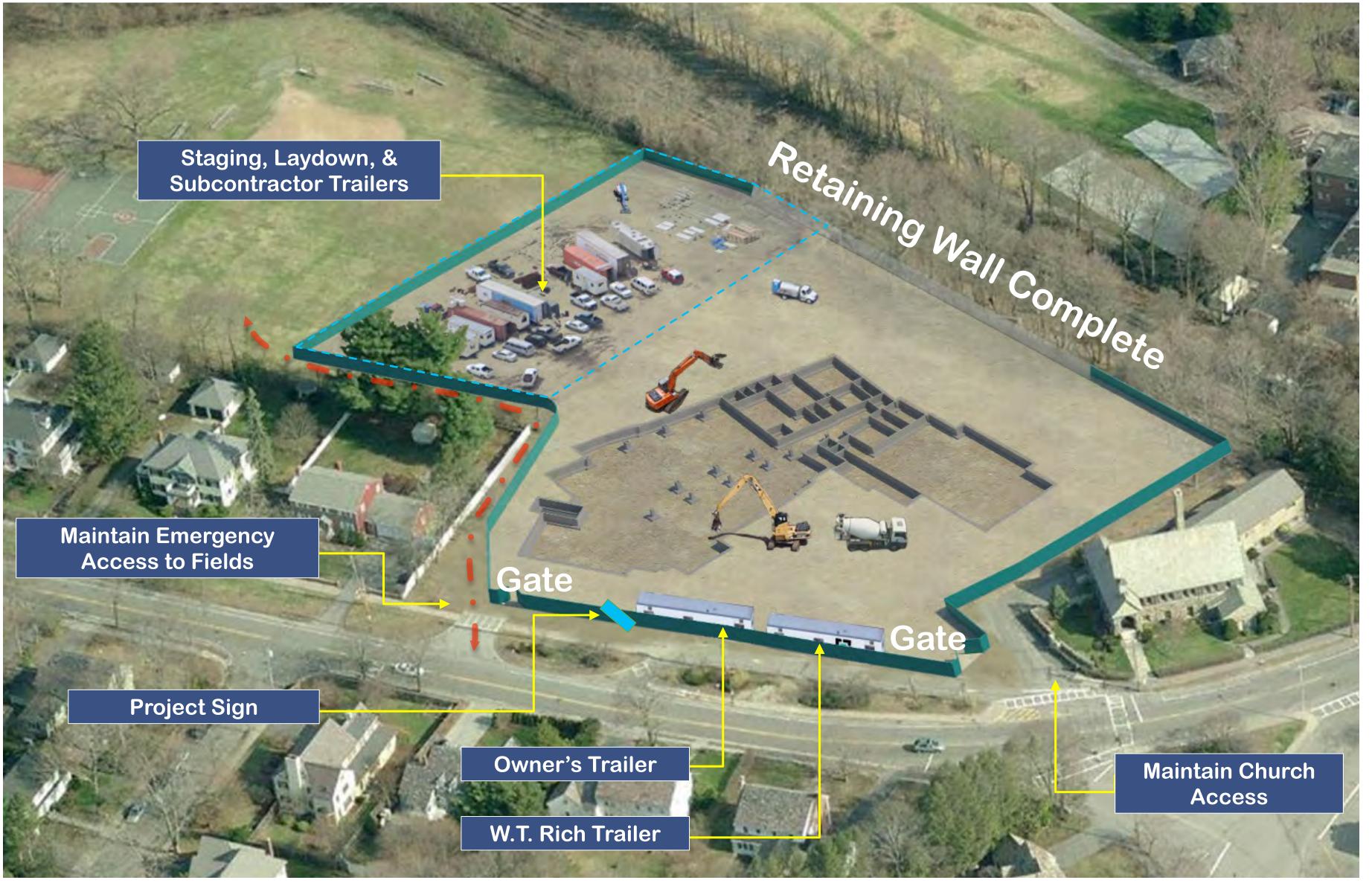
- Frequent, consistent, two-way Communication
- Safety plan
- Construction Mitigation
- Address Construction Activities
- Community Outreach
- Community Liaison Group
- Waban Neighborhood Area Council (May 2014)

### **Construction Logistics**

- Mandatory safety orientations
- Barricades & work area isolation
- Signage
  - Project sign with contact information
  - 24 x 7 emergency access hotline
  - Dust control and air quality
  - Noise control
  - Egress and access to playfields and church
  - Off-shift work procedures
  - No smoking
  - Parking
  - **Construction traffic**
  - And more...



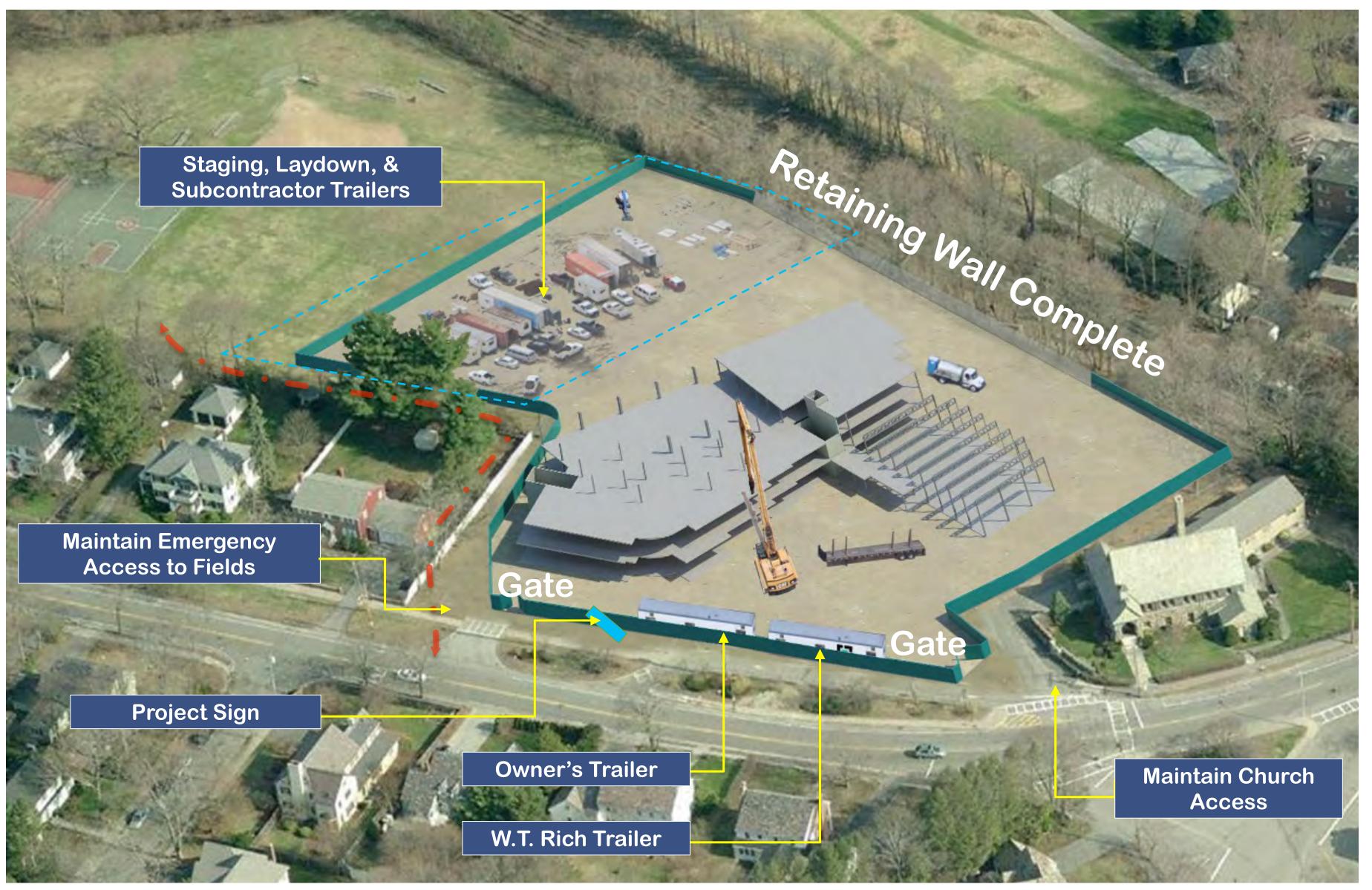
### **Construction Phasing**



#### Foundations November 2014



### **Construction Phasing**



#### Steel January 2015

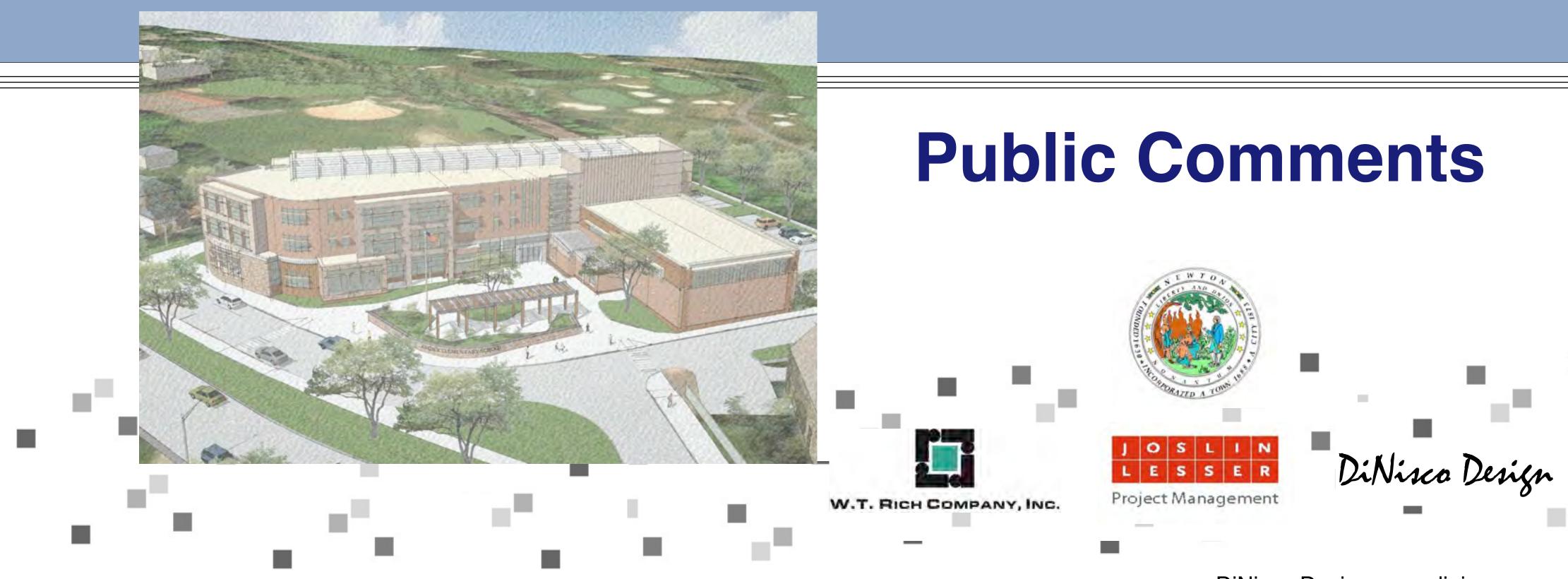


## **Construction Phasing**



#### Project Completion January 2016

# Angier Elementary School



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