

Watertown Public Schools Building Committee

DesignWatertown

Elementary Schools Project

*Ai3 Architects, LLC
Hill International, Inc*

Agenda - June 17, 2020

- Call to Order
- Meeting Minutes Approval
 - Elementary Schools
- Elementary Schools Project Update
 - Move Management
 - Construction Progress
 - Final LEED Reports
 - Construction Administration Progress
- Upcoming Meetings
- Adjournment

To Connect via Zoom:*

<https://us02web.zoom.us/j/81662417079?pwd=eGRkWGFXbmJTL-1h6aWxHV2hvWWdqUT09>

Password: 290333

**Members of the Public:* please use the Q&A button to ask questions when appropriate or email questions to: buildingforfuture@watertown-ma.gov



Watertown Public Schools Building Committee

Call to Order





Watertown Public Schools Building Committee

Meeting Minutes Approval

▶ **Summary of Meeting Minutes**

- Elementary Schools
 - February 5, 2020
 - March 4, 2020
- Discussion
- Roll call vote for approval of minutes

Watertown Public Schools Building Committee

Elementary Schools Project Update



▶ Elementary Schools Move Management

- Existing FF&E Move from Cunniff ES to Cunniff West, Waltham
- Completed
- Existing FF&E Move from Hosmer ES to the Phillips Building, Storage and Internal locations
- Completed

▶ Construction Progress

- Construction Fences have been installed at both the Cunniff and Hosmer Elementary Schools
- Soil Characterization Test pits completed at the Cunniff Elementary School, Hosmer scheduled for week of June 22nd
- Asbestos Abatement started at the Cunniff Elementary School on June 15th, Hosmer scheduled for week of June 22nd
- Demolition is scheduled to start at the Cunniff Elementary School on July 6th, Hosmer is scheduled to start July 13th



Construction Progress



Move Management





Watertown Public Schools Building Committee

Elementary Schools Project Update

▶ **Elementary Schools Final LEED Report**

- PV Production v. Projected Energy
- Project EUI 's
- Scheduled Building Use Summary

▶ **Construction Administration Process**

- Product Submittals



Watertown Public Schools Building Committee

Elem. Schools Final LEED Report:

▶ **Cunniff - expected to meet the zero net energy (ZNE) goal:**

- PV Production anticipated 560,600 kWh/year
- Building use anticipated 558,300 kWh/year
- Projected EUI of 23.1 kBtu/sf/yr

▶ **Hosmer - expected to meet the zero net energy (ZNE) goal:**

- PV Production anticipated 937,700 kWh/year
- Building use anticipated 936,900 kWh/year
- Projected EUI of 22.4 kBtu/sf/yr

Elem. Schools Final LEED Report:

▶ Elem. Schools Building Use and Operation:

	Regular School Year (Aug. 29 – Jun. 21)		Summer Session / School Breaks ⁸	
	Weekdays	Weekends/Holidays	Weekdays	Weekends/Holidays
Admin	7am – 5pm	Unoccupied	7am – 3:30 pm	Unoccupied
Cafeteria, Library, Learning Common	7am – 6pm	Unoccupied	7am – 3:30 pm	Unoccupied
Classrooms	8am – 3pm	Unoccupied	8am – 3pm	Unoccupied
Gymnasium	7am – 11pm	9am – 6pm ⁹	7am – 3:30 pm	Unoccupied
Kitchen	7am – 1:30pm	Unoccupied	Unoccupied	Unoccupied

⁹ The gym is only occupied on weekends if it is rented out. It is assumed that the gym is rented out on Saturday/Sunday from 9am to 6pm for 8 weekends in Spring (Apr. 27 – Jun. 23), and for 8 weekends in Fall (Sep. 21 – Nov.10).



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Elem. Schools Final LEED Report:

▶ **Achieving ZNE; More than just infrastructure:**

1. Building Use
2. Building Operation
3. Occupant Behavior
4. Building Systems Design
5. Building Envelope
6. PV Production

* Items 4-6 have been achieved through design and collaboration.
Items 1-3 are now critical in order to achieve ZNE. *

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LEED Report Questions?



Those members of the public joining via Zoom, please use the Q&A button at this time to ask questions

or email questions to:
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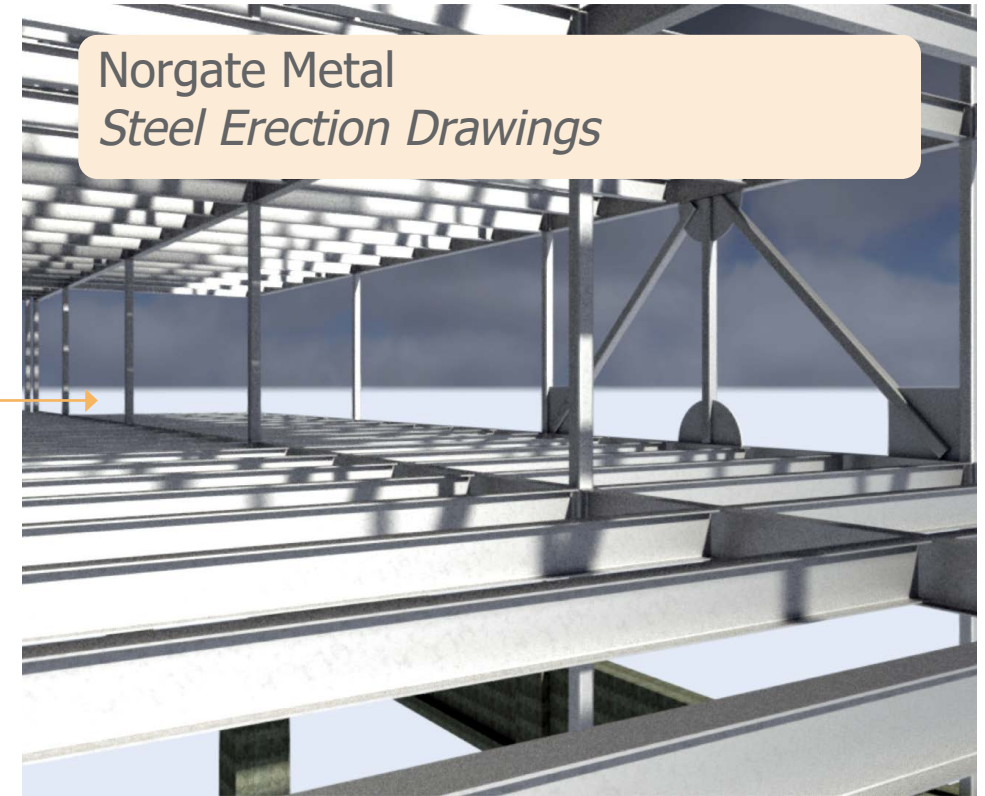
Design Progress

▶ **Construction Administration Progress**

Current duties include responding to RFIs (Requests for Information) and reviewing product submittals

The images below represent some of the key submittals received so far:

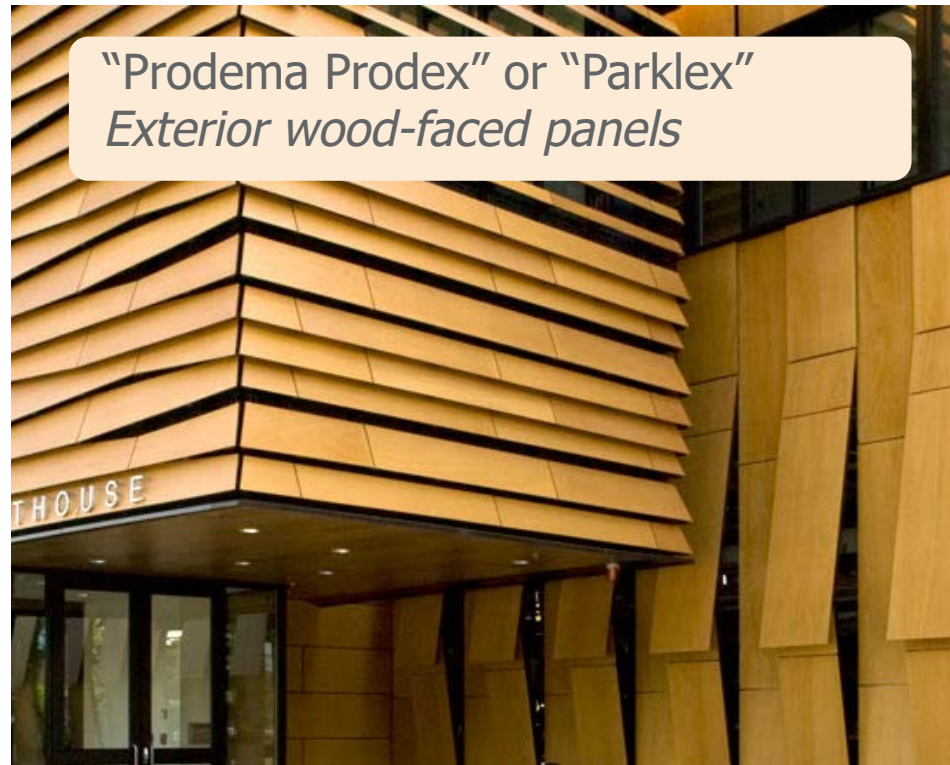
Norgate Metal
Steel Erection Drawings



"Alucobond Plus"
Exterior composite metal panels



"Prodema Prodex" or "Parklex"
Exterior wood-faced panels



"EFCO Windows"
Storefront & Curtainwall Systems



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Elementary Schools Discussion / Other Business



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Watertown Public Schools Building Committee

Upcoming Meetings

▶ **To Be Determined**



Watertown Public Schools Building Committee

Adjournment

▶ **Adjournment**

- Roll Call Vote

