



# Northern Burlington County Regional School District Board of Education Update 2018 Referendum Projects



March 2021



# Current Projects' Status

- **5086.3A - Phase 1 - Health & Training Center  
50% Complete - TCO June 2021**
- **5086.4 - Phase 2 - Main Addition (New  
construction)  
75% Complete – TCO May 2021**
- **5086.4 - Phase 2 - Summer 2020 Renovations  
Complete**
- **5086.5 - Phase 3 - 400/500 Connector  
50% Complete – TCO May 2021**



# Current Projects' Status

- **5086.6 – Phase 3 - HVAC Renovations**  
**Substantially complete**
- **5086.7 – Partial Re-Roofing**  
**Substantially Complete**
- **5086.8 – Greenhouse**  
**Project Awarded**
- **5086.9 – Parking Lot/Old Building Demo**  
**Construction Documents**

# Current Projects' Status

- **Construction Progress Meetings every other Thursday morning, remote via teleconference, or electronic to comply with CDC Guidelines regarding social distancing**
- **All personnel on site instructed to follow CDC Guidelines regarding Covid19 protocol, including social distancing in all work tasks**



# Project 5086.3A

## Health and Training Center Summary

### Five Prime Contractors

General Construction – Arthur Ogren

HVAC - Driscoll Mechanical

Structural Steel – Southern New Jersey Steel

Plumbing – Annese Mechanical

Electrical – QPI Electric

- Footings, foundations, floor slab complete
- Structural steel complete
- Interior masonry and exterior CMU backup complete; exterior brick underway
- Roof blocking and parapet framing is underway
- Building enclosure is scheduled for mid-April



# Project 5086.3A

## Health and Training Center Schedule

<b>Structural Steel Complete</b>	<b>Complete</b>
<b>Concrete Slab</b>	<b>Complete</b>
<b>CMU Walls/Exterior Backup</b>	<b>Complete</b>
<b>Roofing Enclosure</b>	<b>April 5, 2021</b>
<b>Exterior Brick</b>	<b>April 12, 2021</b>
<b>Temporary Building Enclosure</b>	<b>April 16, 2021</b>
<b>MEP Rough-In Complete</b>	<b>May 7, 2021</b>
<b>Painting</b>	<b>May 14, 2021</b>
<b>Ceiling Grid Installed</b>	<b>May 26, 2021</b>
<b>Flooring Installed</b>	<b>May 31, 2021</b>
<b>Light Fixtures/Plumbing Fixtures Installed</b>	<b>June 11, 2021</b>
<b>Doors/Hardware/Casework</b>	<b>June 25, 2021</b>
<b>Substantial Completion – Addition</b>	<b>June 30, 2020</b>

# Project 5086.3A

## Health and Training Center Photo

### Masonry Backup and Waterproofing





# Project 5086.3A

## Health and Training Center Photo

Inside View Looking Towards Ball Fields



# Project 5086.4 – Main Connector Addition / Renovation Summary

## Five Prime Contractors

General Construction – Arthur Ogren

Structural Steel – Southern New Jersey Steel

Plumbing – Annese Mechanical

HVAC – Preferred Mechanical

Electric – QPI Electric

- Roofing and skylights are complete
- Sheetrock walls are complete
- Sheetrock ceilings are nearing completion



# Project 5086.4 – Main Connector Addition / Renovation Summary

- Interior and exterior masonry including brick is complete
- Office area sheetrock and initial painting is complete
- Office area ceiling grid is complete
- Office area light fixtures are in place
- Ceramic and quarry tile is being installed



# Project 5086.4 – Main Connector Addition / Renovation Summary

- Painting and finishes are underway
- New walk-in freezer and refrigerator boxes are set
- HVAC ductwork is complete; diffusers are being installed
- Electrical rough in work is complete; fixtures and devices underway



# Project 5086.4 – Main Connector Addition / Renovation Schedule

<b>Roofing and Skylights Complete</b>	<b>Complete</b>
<b>EIFS Complete</b>	<b>Complete</b>
<b>Temporary Enclosure</b>	<b>Complete</b>
<b>Windows / Curtainwall Complete</b>	<b>March 19, 2021</b>
<b>Ceiling Sheetrock Complete</b>	<b>March 26, 2021</b>
<b>Ceramic/Quarry Tile Complete</b>	<b>March 26, 2021</b>
<b>Light Fixtures Complete (circular fixtures in June)</b>	<b>March 26, 2021</b>
<b>Exterior Metal Panels Complete</b>	<b>March 31, 2021</b>
<b>Painting Complete</b>	<b>April 16, 2021</b>
<b>Devices/Grilles/Registers Complete</b>	<b>April 23, 2021</b>
<b>Toilet Partitions/Accessories</b>	<b>May 7, 2021</b>
<b>Ceiling Tiles/VCT/Carpet Complete</b>	<b>May 14, 2021</b>
<b>Turn Addition Over to District</b>	<b>May 17, 2021</b>

# Photos of Main Addition Front Entrance



# Photos of Main Addition Exterior Wall at New Media Center



# Photos of Main Addition Exterior Wall at New Media Center

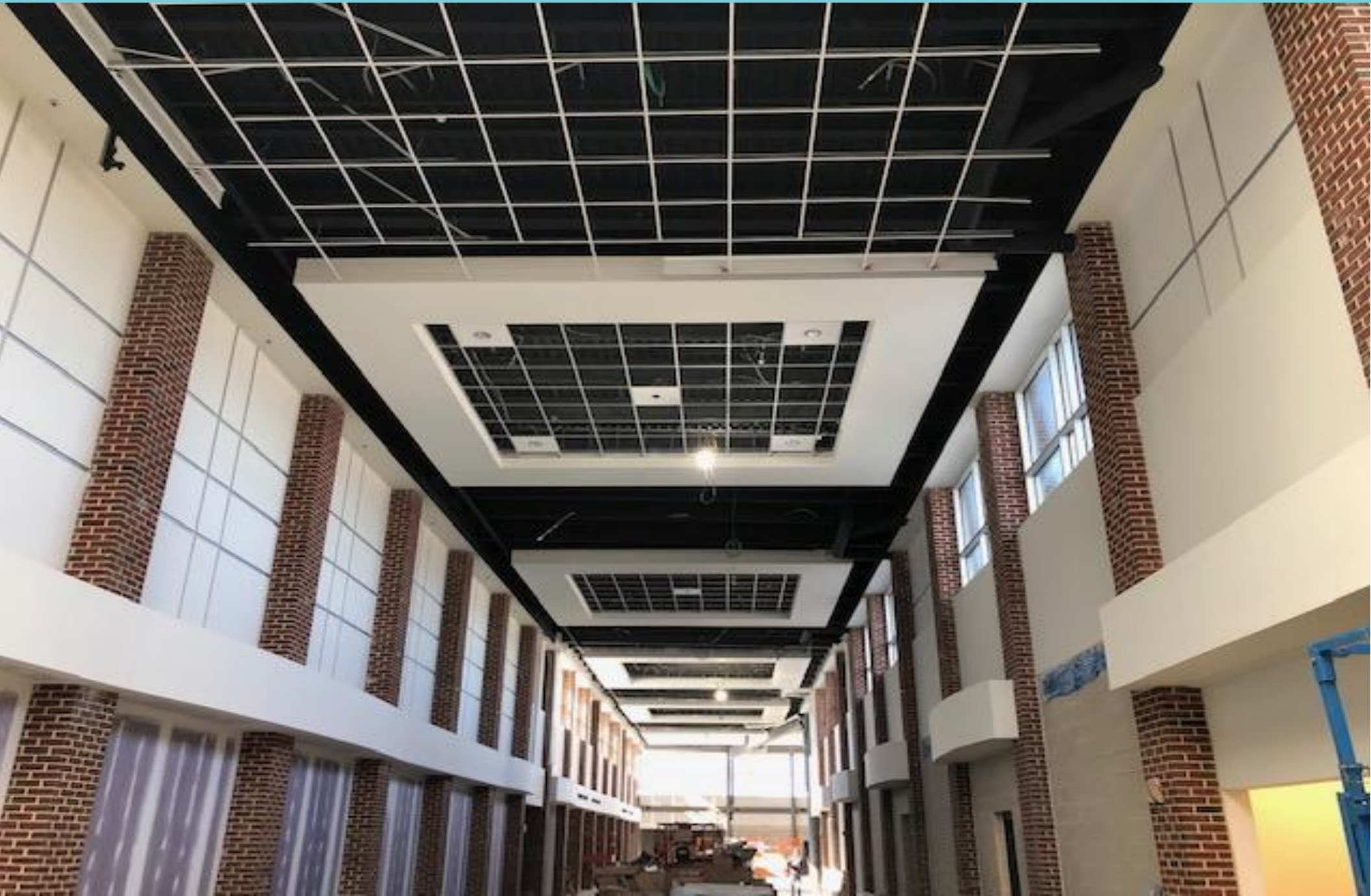




# Photos of Main Addition ADA Entrance Ramp at New Front Entrance



# Photos of Main Addition Main Corridor Ceiling



# Photos of Main Addition Media Center



# Photos of Main Addition Partial Ceiling in Media Center



# Photos of Main Addition Restroom Wall Tile Underway



# Project 5086.4 – Renovations for September 2020 School Opening Summary

- All classrooms were turned over to the District for school opening with some work remaining to be completed in a few rooms
- All casework and countertops have been installed in 700 and 800 Wings and resin countertops have been installed in 200 Wing Chemistry Labs.
- 300/400 Classrooms are complete including punch list
- Punch list items have been addressed during second shift and other non- occupied times



# Project 5086.4 – Renovations for September 2020 School Opening - 200 Wing Science Lab Photos



# Project 5086.4 – Renovations for September 2020 School Opening - 700 Wing Renovated Classroom





# Project 5086.5

## 400/500 Connector Addition Summary

### Five Prime Contractors

General Construction – Arthur Ogren

Structural Steel – Mastercraft Iron

Plumbing – Three G's Plumbing

Electric – QPI Electric

HVAC - Preferred Mechanical

- Masonry including exterior brick is complete; roofing is complete
- Windows are installed; addition is enclosed and temporarily heated
- MEP rough-ins are complete
- Ceiling grid is installed



# Project 5086.5

## 400/500 Connector Addition Summary

- Initial painting complete
- Front sitework underway; partial sidewalk & stairs concrete poured
- Entrance storefront installation will begin this week



# Project 5086.5 – Phase 3 400/500 Connector Addition

MEP Rough-Ins Complete	Complete
Roofing Complete	Complete
Windows / Building Enclosure	Complete
Ceiling Grid Installed Complete (not Choral)	Complete
Painting Complete	March 17, 2021
VCT / Carpet Flooring Complete(not Choral)	March 26, 2021
Lighting / Plumbing Fixtures Installed (not Choral)	April 2, 2021
Exterior Concrete / Pave Wall Reinstalled	April 16, 2021
Doors / Hardware / Casework	April 30, 2021
Final Grading / Courtyard Restoration	April 30, 2021
Substantial Completion – Addition	May 7, 2021



# Project 5086.5 – Phase 3 400/500 Connector Addition Photo - Entrance Steps & Walkway



# Project 5086.5 – Phase 3 400/500 Connector Addition Photo - Inside Choral Room



# Project 5086.5 – Phase 3 Summer 2021 Renovations

- June 21, 2021 - Summer Renovation Work Begins
- August 27, 2021 – Substantial Completion

## Scope of Renovations

- Include: 200 Wing Science Lab, 500 Bldg HVAC, 600 Corridor Restrooms, 700 Wing HVAC and Agri-Science, Old Board Office Conversion to Guidance Suite, Old Media Center Conversion to Board Offices, West Gymnasium HVAC





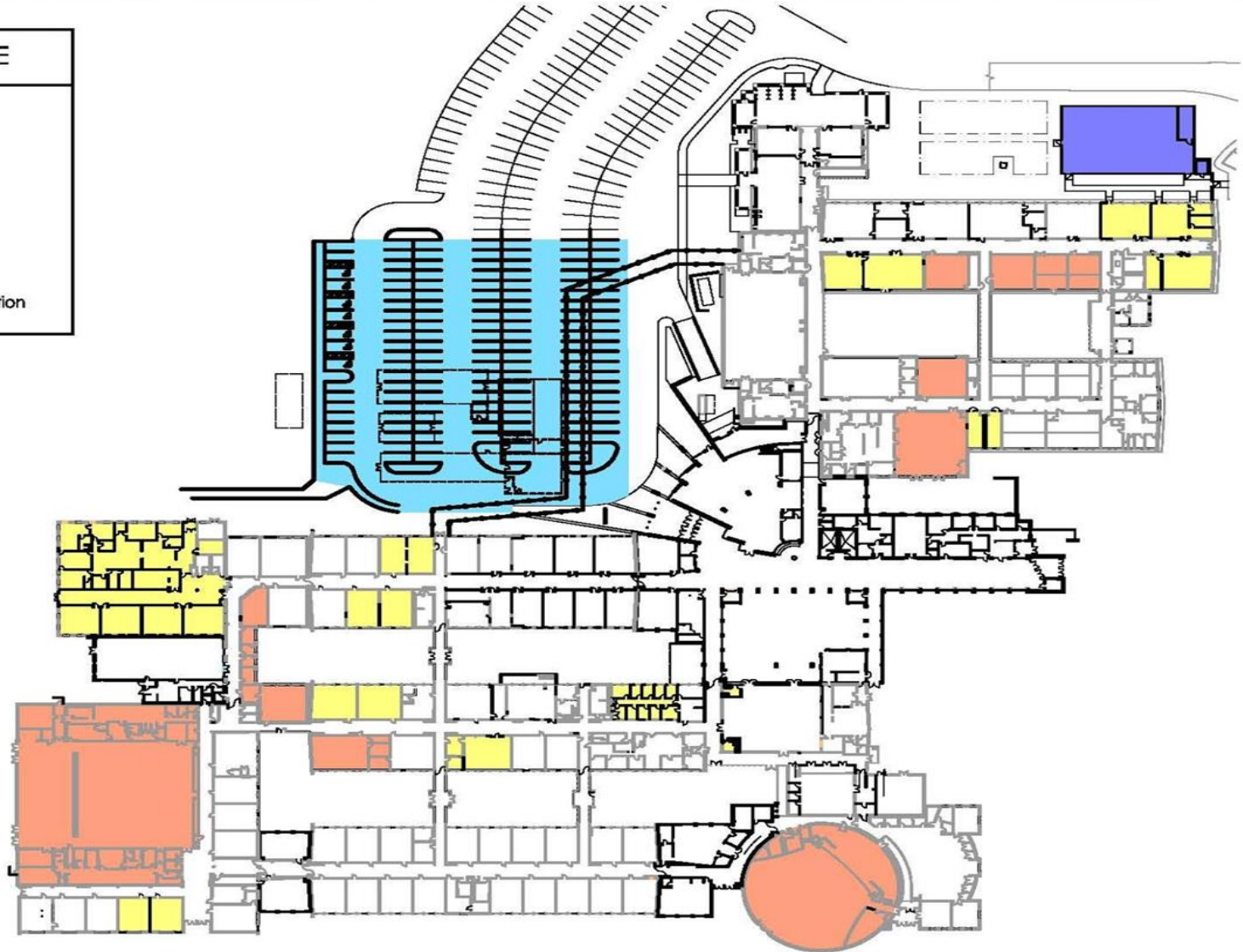
# Project 5086.5 – Phase 3

## Summer 2021 Renovations

High School Addition and Renovations  
Northern Burlington County Regional School District

### SUMMER 2021 PROJECT SCOPE

-  - RENOVATIONS
-  - HVAC ROOFTOP UNITS
-  - NEW GREENHOUSE
-  - REMAINING SITE WORK:
  - Demolition of Ag. building, greenhouse and associated out buildings
  - Completion of new rear parking lot construction



# Project 5086.6 – HVAC Renovations

## HVAC - Preferred Mechanical

- Project is in close-out phase
- Systems are operating well
- Preferred Mechanical responded quickly to minimal issues





# Project 5086.7 – Partial Roof Replacement Summary

Contractor - Winchester Roofing

- Project is Substantially Complete
- Contractor has some minor work items to complete



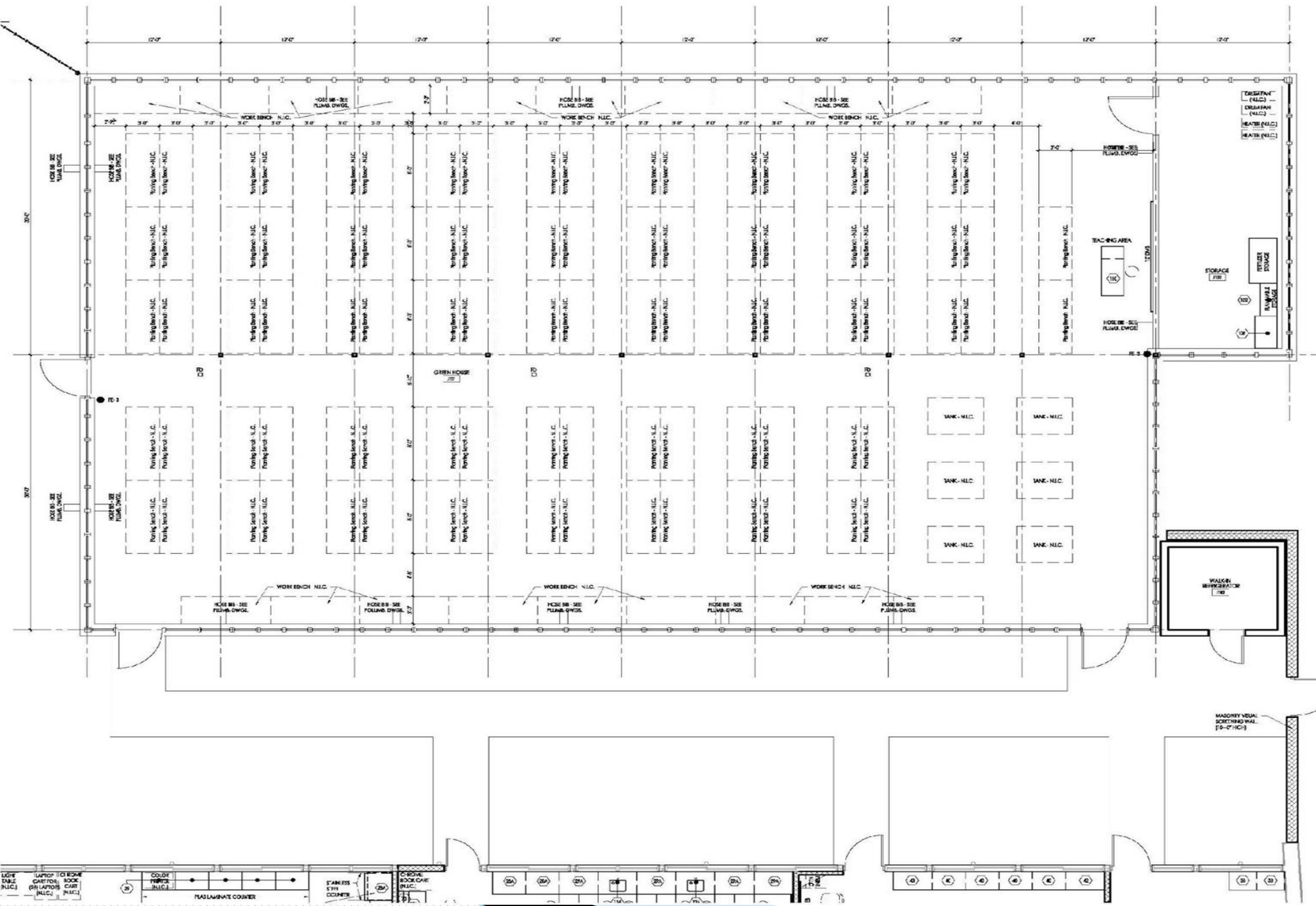
# Project 5086.8 – Greenhouse Project Summary

Contractor – Aliano Brothers

- Project awarded March 22, 2021
- Greenhouse Committee formed and met three times to create greenhouse specifications. Committee included but not limited to board member, local farmers, Agriscience teachers, instructional director, district architect and construction manager. Special thank you to James Specca, Don Knezick and Stephen Specca for their expertise in developing the greenhouse specifications.



# Project 5086.8 – Greenhouse Project Summary



# Project 5086.8 – Greenhouse Project Summary

- **6,120 sq/ft (inclusive of 12' x 30' storage)**
- **Change order forthcoming to add storage area**
- **Storage area to be climate controlled with independent ceiling to separate it from greenhouse climate and allow sunlight. Interior wall of storage area used for teaching area.**
- **Could accommodate 88 - 8' planting benches & 19 workbenches.**
- **Front exterior access opening width is 48" with 60" sidewalk**
- **Concrete floor to be textured. Drain covers to be textured**
- **Intake vents and exhausts fans are state of the art.**
- **Quietaire automated mechanical ventilation system (the intake shutters and exhaust fans working in tandem)**
- **gas utility forced hot air**
- **greenhouse provided with interior air circulation and 110 volt electric power throughout**
- **energy curtain included**
- **Maintain some Animal Areas**
- **Maintain some Production Area**



# Project 5086.8 – Greenhouses

## Preliminary Schedule

Start Schematic /Design Development	Complete
Complete Design Development	Complete
Complete Construction Documents	Complete
Receipt of Bids	Complete
Board Approval/Award	March 15, 2021
Start Construction	April 15, 2021
Completion of All Work	August 27, 2021



# Project 5086.9 Schedule

## Parking Lot and Demolition of Old Buildings

Start Schematic /Design Development	Complete
Complete Design Development	Complete
Complete Construction Documents	March 25, 2021
Advertise for Bids	March 26, 2021
Pre-Bid Meeting	April 5, 2021
Last Day for Addendums	April 12, 2021
Receipt of Bids	April 21, 2021
Board Approval/Award	April 26, 2021
Start Construction	May 17, 2021
Completion of All Work	August 27, 2021

