GROTON BOARD OF EDUCATION
COMMITTEE OF THE WHOLE
MARCH 8, 2021 @ 6:00 P.M.
REMOTE MEETING

MEMBERS PRESENT: Kim Shepardson Watson-Chairperson, Andrea Ackerman-Vice Chairperson, Dean Antipas, Jane Giulini, Liz Porter, Rosemary Robertson, Rita Volkmann, Jay Weitlauf, Lee White

ALSO PRESENT: Susan Austin, Sam Kilpatrick, Ken Knight

I. CALL TO ORDER – Chairperson Kim Watson called the meeting to order at 6:01 p.m.

II. BOE REGULAR BUSINESS

MOTION: Robertson, Giulini: To approve the COW minutes of February 17, 2021.
PASSED -UNANIMOUSLY

III. ATHLETIC FIELDS TASK FORCE PRESENTATION– (ATTACHMENT #1)

Jerry Lokken, Chad Frost, and Frank Norosky, Athletic Fields Task Force members gave an overview of the Athletic Fields Task Force presentation. They noted the differences in fields between what Groton has and area Towns. The presentation noted what is needed to bring Groton up to date.

IV. UPDATE FROM LEDGE LIGHT HEALTH DISTRICT

Ms. Austin introduced Mr. Steve Mansfield, Ledge Light Health District, who addressed the safety protocols. Mr. Mansfield stated that Ledge Light covers 10 municipalities and noted:

- There has been 6 weeks of decline;
- There has been no deaths;
- We are at the beginning of the new model;
- There are 3 people responsible for contact tracing;
- There is a new curve ball regarding the easing of COVID restrictions;
- There are new restrictions on businesses, i.e. the number of people attending activities;
- Update from the Governor regarding new mandates relative to vaccinations;
- Yesterday over 1,000 teachers and staff were vaccinated;
- Chatham had vacancies for vaccination and offered them to Groton and other Towns;
- Ledge Light has partnered with Hartford Health Care.

V. PERKINS EASTMAN ARCHITECT PRESENTATION RE: NEW ELEMENTARY SCHOOLS (ATTACHMENTS #2, 3, 4, 5)

Mr. Rick Norris noted that there will be tours of the two new elementary schools scheduled in April. Mr. Norris noted that the project is on track and moving forward. Mr. Joe Banks, Perkins Eastman Architect, shared slides of the two new elementary schools and of the actual constructions at each site.

Mr. Norris and Mr. Banks gave an overview of the Technology Plan for the two new elementary schools known as Cutler Elementary School and West Side Elementary School.

VI. DoD SUPPLEMENTAL IMPACT AID – (ATTACHMENT #6)

Ms. Austin gave an overview of the DoD Supplemental Impact Aid in lieu of the suggestion made by Mr. Weitlauf to use $324,000 from the DoD Supplemental Impact Aid funds for software.

VII. REVIEW OF REFERRAL LIST

The Board reviewed the Referral List.

Mr. Weitlauf asked if the BOE/TC/RTM Liaison Committee had discussed the number of students coming from new construction around Town.

Mrs. Watson responded that she will report on this at the next regular Board of Education meeting.

IV. SUGGESTED FUTURE TOPICS

Mrs. Volkmann requested discussion of the reentry plan along with the survey results from parents at a COW meeting.

Mr. Weitlauf asked that Mr. Knight explain how out-of-town tuition rates are determined. Mrs. Watson referred this to the Finance/Facilities Committee before it comes to the COW.

V. ADJOURNMENT

MOTION: Ackerman, Volkmann: To adjourn at 8:14 p.m.
MOTION PASSED UNANIMOUSLY

Attachment #1

Town of Groton
Athletic Fields Task Force
Board of Education Presentation

March 8, 2020

GROTON
PARKS & RECREATION

Athletic Fields Task Force:

- Concerned Citizens brought field concerns to the Town Council in 2019
- Town Council asked Park & Rec for a facilities update
- Town Council formed the Athletic Fields Task Force – Feb 2020
- Task Force charge: determine the number and types of fields Groton needs, what amenities those fields should have, & where they should be located
- Task Force members: Applicants applied & selected based on their association with various leagues, high school sports and activities, or elected officials. P&R ensured the Task Force had diverse representation to get the best possible overall perspective on the issues.

Athletic Fields Task Force:

Current Members

Portia Bordelon – Town Council
Bruce Flax – Representative Town Meeting
Rachael Franco- Town Councilor
Chad Frost – Groton Mystic Lacrosse
Larry Grundy – Vice Chairman, FHS Band Booster
Tara Hannaford – Shoreline Sport and Social
Danny Lee – FHS Boosters
Jerry Lokken – Groton Parks and Recreation
Lisa Luck – Representative Town Meeting
Frank Norosky – Chairman
Jim Southers – Groton Soccer Club
Vincent Varrecchione – FHS AD
Bruce Wagner – Groton Little League
Jay Weitlauf – Board of Education
Joe Zeppieri – Town Council

Past Members

Jeffrey Bresnahan – FHS Boosters
Marc Romano – Former FHS AD
Conrad Heede – Town Council (temp fill-in for Rachael Franco)
Jeff Kotecki – Groton Middle School AD
Ted Keleher – FHS Principal

Rich Kosta – FHS Coach *wasn't a formal member but attended nearly every meeting

Athletic Fields History in Groton:

2003 – Difficulty finding Sufficient, Suitable Space

2009: Comprehensive P&R Master Plan

- Level of Service (LOS) evaluation
- Identified the need for multiple fields

2009: Sutton Park Master Plan

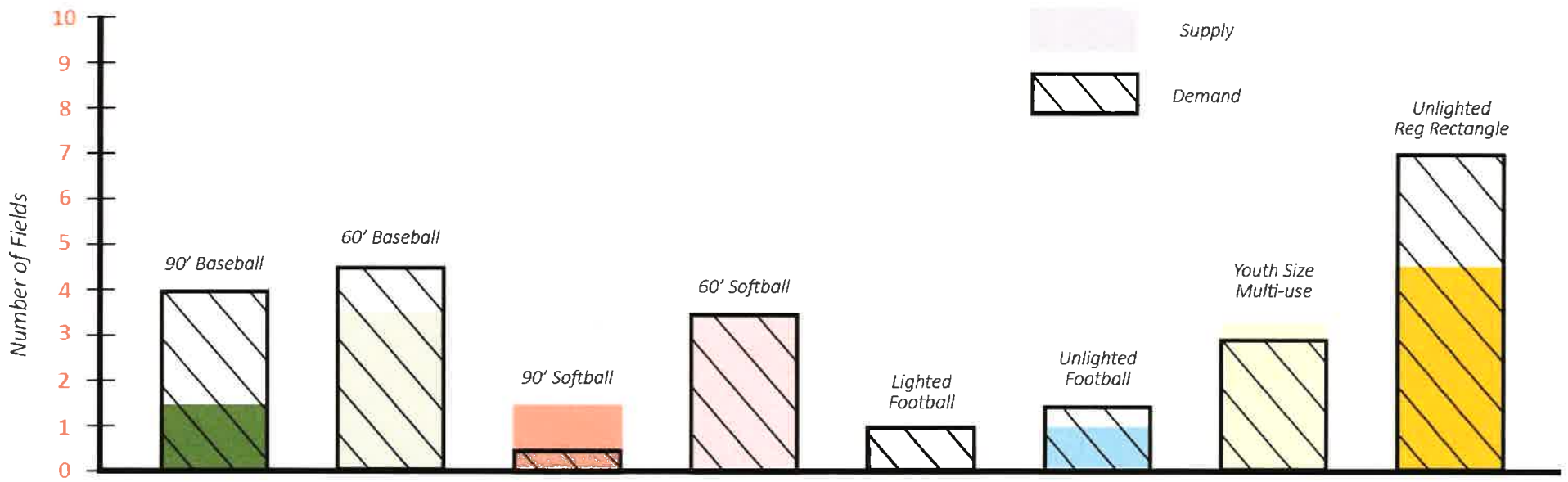
2014: Athletic Fields Needs Assessment

- Identified greater need for fields
- Merritt Property Master Plan
- Economic Impact Study for Athletic Fields
- $2-$5 Million Annually in new Economic Input

Task Force Methodology:

- P&R Update new participation numbers
- Update Fields Needs Assessment to 2020
- Interview All User groups
- Identify commonalities between assessment & user groups
- Determine Field Recommendations
- Presentation to user groups
- Public Presentation and Feedback
- Present findings to Town Council

Updated Supply and Demand Fields Needs Assessment:



- Demand updated May 2020
- Supply includes full 2020 School buildout

User Group Meetings:

- Town Youth Club Teams
- Fitch Athletics (Soccer/Lacrosse/Football/Field Hockey/ Baseball/Softball/Marching Band)
- Town Travel Ball (CT Crush / CT Clippers / Land Sharks)
- Shoreline Social Sports

User Group Meetings:

It's worse than we thought

- Significant Equity issues
  - Gender Equity
  - ADA Access
  - Educational Access – bussing to practice
  - Access to support facilities
- Our existing "Good" fields need work
- No significant capital investment in 20+ years despite the need
- Groton is significantly behind ALL surrounding Towns

User Group Meetings:

Ball Field Needs

Groton Little League / Mystic Little League / Crush / Clippers / Land Sharks

- 3 Full Size Baseball Fields
- 1 Intermediate (50/70) Field
- Very Difficult getting sufficient practice and game time
- No Intermediate field in Town
- Youth Softball is sufficient

User Group Meetings:

Multi-Use Field Needs

Groton Soccer Club/ Groton Mystic Football/ Groton Mystic Cheer / Groton Mystic Lacrosse

- Need 3 Full Size Rectangles
- Significant need for Synthetic Turf (amount of use & weather)
- Need lights and amenities for full use
- Youth Fields need maintenance

User Group Meetings: Fitch High School

Current Conditions

- Football Field (needs significant work)
- Track (resurface in 4-5 years)
- Baseball (needs playing surface work)
- 6 Tennis Courts (just refinished)
- Football Practice / Field Events area (needs significant work)

User Group Meetings: Fitch High School Current Field Teams

Fall

- Football – 3 (Fr, JV & V)
- Field Hockey - 2 (JV & V)**
- Girls Soccer – 2 (JV & V)**
- Boys Soccer - 2 (JV & V)**
- Marching Band

Spring

- Baseball – 3 (Fr, JV & V)*
- Girls Lax -2 (JV & V)**
- Boys Lax- 2 (JV & V)**
- Softball - 2 (JV & V)**
- Track & Field – 2 (B&G)

Surrounding Town High School Athletic Facilities

Stonington

Surrounding Town High School Athletic Facilities

Ledyard

Surrounding Town High School Athletic Facilities

Waterford

Surrounding Town High School Athletic Facilities

East Lyme

Surrounding Town High School Athletic Facilities

New London

Fitch High School Athletic Facilities

Fitch High School Athletic Facilities

Existing Public Restrooms

Neighboring Town Facilities

East Lyme

New London

Ledyard

Stonington

Fitch High School Athletic Facilities

Press Box

Neighboring Town Facilities

Fitch High School Athletic Facilities

Neighboring Town Facilities

User Group Meetings:

High School Athletic Field Needs:

Baseball / Field Hockey / Football / Men's and Women's Lacrosse / Marching Band / Men's & Women's Soccer / Softball / Unified Sports

- Main Field Renovation to Multi-use (Synthetic Turf, Complete Amenities, Track & Field, Fieldhouse and Storage
- 2-3 Additional Fields (1 Synthetic with lights and bleachers)
- Softball field(s) on campus
- 2 Additional Tennis courts
- Baseball Field Renovations
- Access to amenities for all fields

Summarized Identified Needs:

- Addition of Lights, Restrooms, Storage, Scoreboard & bleachers at the new Middle School Field
- Upgrade Fitch Football/Track to Synthetic Multi-use field for all sports – upgrade all amenities
- Renovate Fitch Baseball playing surface
- 4 Full-size Multi-use Fields - Synthetic
- 2 Full-size Baseball Fields
- 1 Intermediate size Baseball Field
- 2 Full-size Softball Fields
- 2 Tennis Courts

Synthetic Turf Considerations:

- Synthetic Turf requested by all user groups
- Letter from Groton Conservation Advocates
  - Health Concerns of Crumb Rubber
  - Environmental Concerns of adding plastic to the environment
- CT Dept of Health – greatly studied – no concerns – no restrictions
  - https://portal.ct.gov/dph/Environmental-Health/Environmental-and-Occupational-Health-Assessment/Artificial-Turf-Fields
- Town Council has requested greater analysis
- Task Force is committed to further exploring the issues & will report

Primary rationale:

- 1/3 more fields if synthetic isn't utilized
- All weather use is critical for all sports

Proposed Solutions: Fitch High School

Proposed Solution	Amenities
Renovate Stadium Track & multi-use Field	Synthetic Turf for all sports, Lights, Bleachers, Concessions, Press Box, Ticket Booth, Restrooms, Locker rooms, Scoreboard, Parking, Throwing areas, Storage, ADA compliance & access
2 Full Size multi-use Fields	Lights, Bleachers, Scoreboard (on one field), Access to Restrooms, Lockers, Storage, Parking
Softball field on Campus	Lights, Bleachers, Storage, Concessions, Press Box, Scoreboard, Restrooms, Locker rooms
2 Tennis Courts	
Renovate Baseball Field	Improve Playing surface, (possibly synthetic) – access to amenities

Proposed Solutions: Sutton Park

Proposed Solution	Amenities
Full-size Baseball with lights (possibly synthetic)	New Field – possibly Synthetic Turf, Lights, Dugouts, Bleachers, Storage, Concessions, Press Box, Restrooms, Scoreboard, Parking
Full Size HS Softball (possibly synthetic)	New Field – possibly Synthetic Turf, Lights, Dugouts, Bleachers, Storage, Concessions, Press Box, Restrooms, Scoreboard, Parking
Sutton Park would become an ancillary athletic complex for the High School. Athletes are able to walk down the hill to attend / spectate practices and games. Significant improvement for academics and athletics.	

Proposed Solutions: Claude Chester Property

Proposed Solution	Amenities
2 Full-size multi-use	Synthetic Turf, Lights, Scoreboard, Bleachers, Storage, Concessions, Press Box, Restrooms, Parking
Intermediate size Baseball	New Field, Lights, Dugouts, Scoreboard, Bleachers, Storage, Concessions, Press Box, Restrooms, Parking
Claude Chester property would become an extension of Poquonnock Plains Park, with 5 total fields and sufficient parking and amenities to host tournaments.	

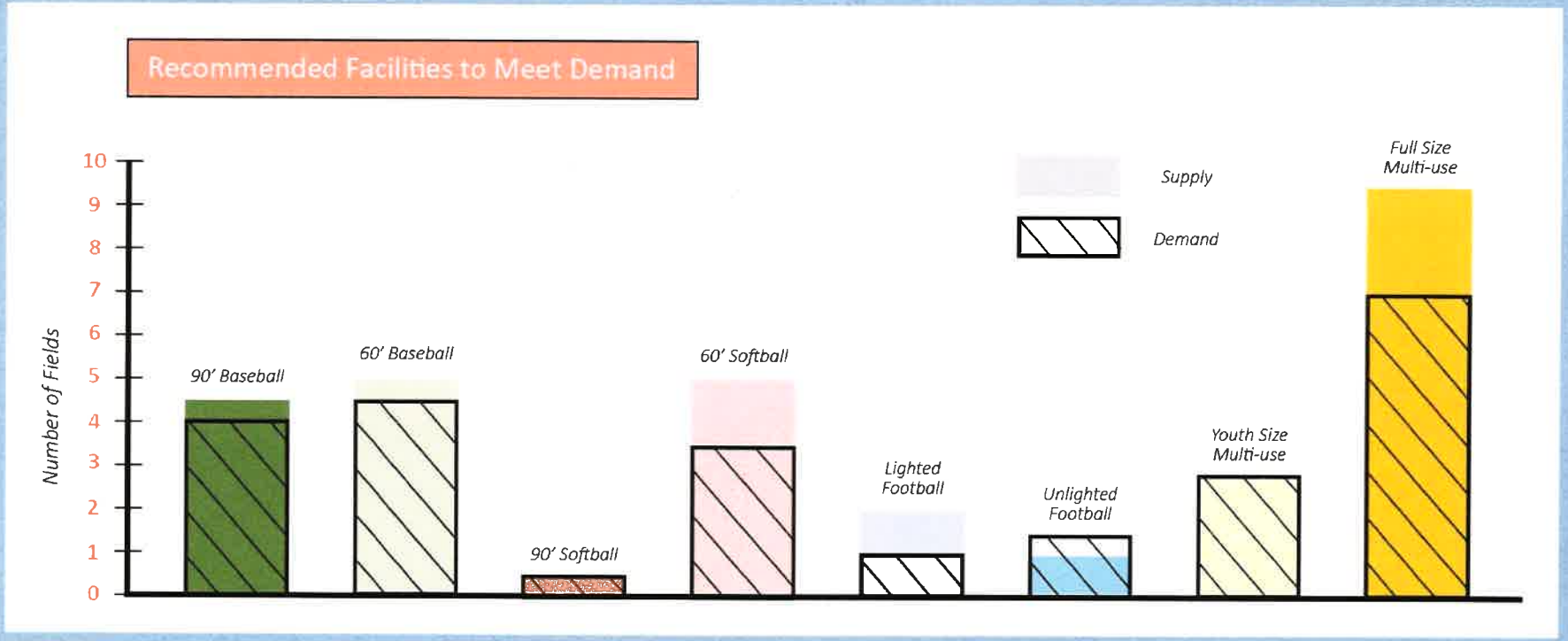
Proposed Solutions: Groton Community Center

Proposed Solution	Amenities
Little League Baseball	Field Improvements, Bleachers, Power, Parking

Proposed Solutions: Deficit / Losses

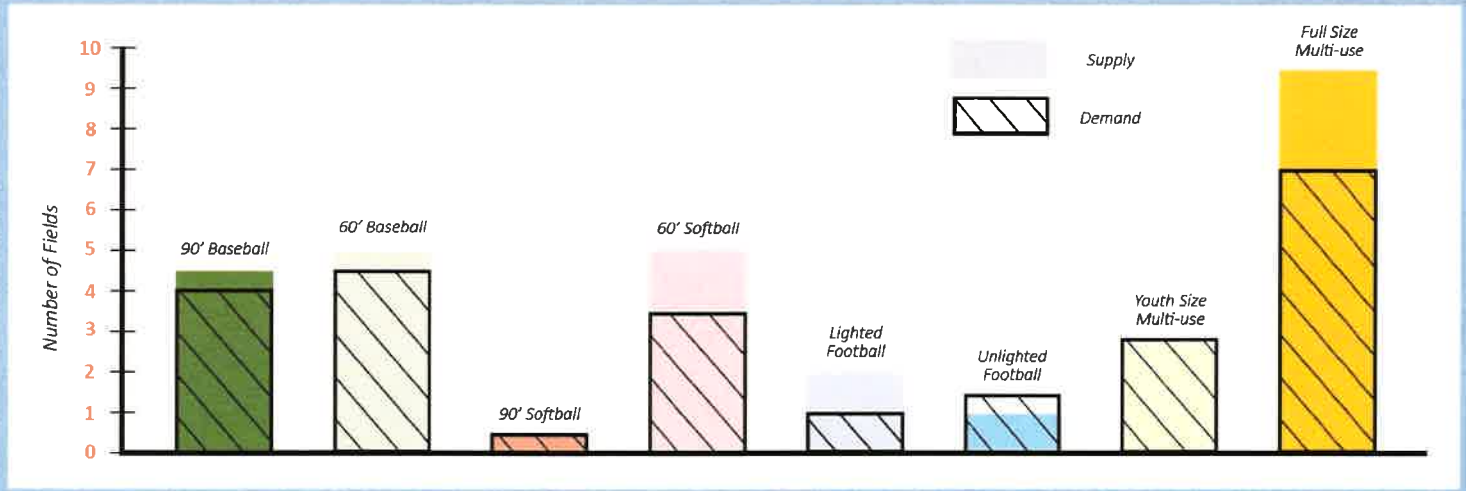
- Loss of Short Adult Softball field (Sutton Park)
- Loss of a youth Softball – still sufficient fields

Needs Assessment with Proposed Fields

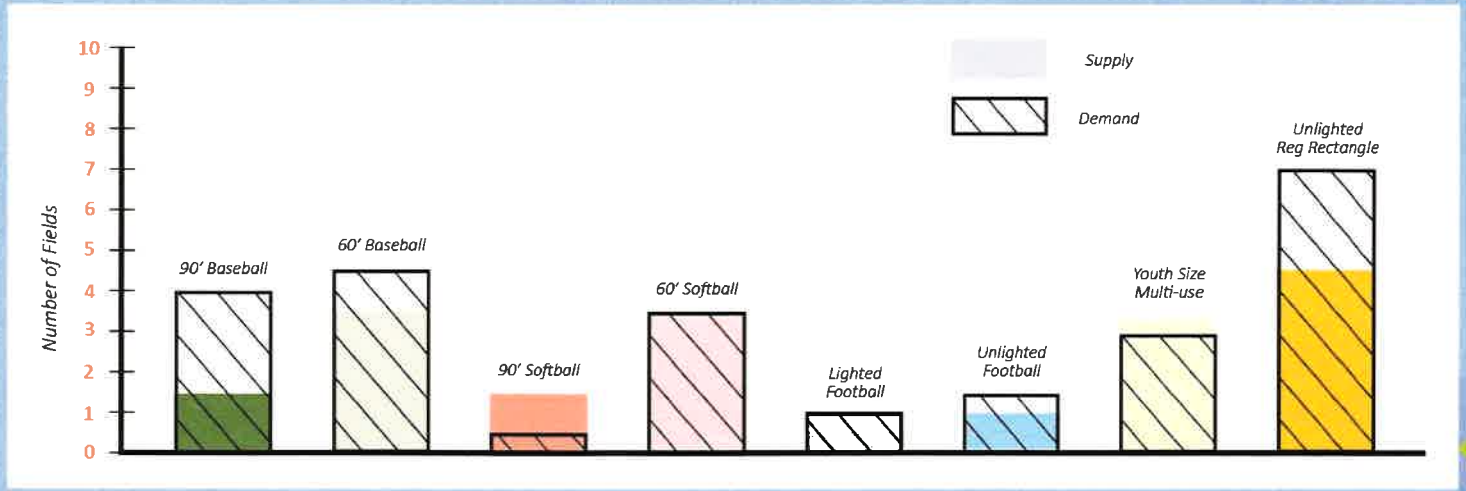


- Proposed fields meets current demand
- Proposed fields allows for desirable High School scheduling

Proposed



Existing



Public Reaction:

- Strong Public Support
- Positive response from Council & RTM
- P&R CIP request for field designs and cost estimate
- Continued analysis & exploration of field types
- Strong Support from State Legislators

Seeking Board of Ed Support &/or Partnership

Doing Nothing isn't an option

- $$$ = for existing fields to be usable
- $$$$ = Quality fields that represent our community that provide safe, compliant, equitable access & Economic Value

Live Here – Work Here – Play Here

Community Pride + Quality of Life = Economic Development

FITCH

UCS

Attachment #2

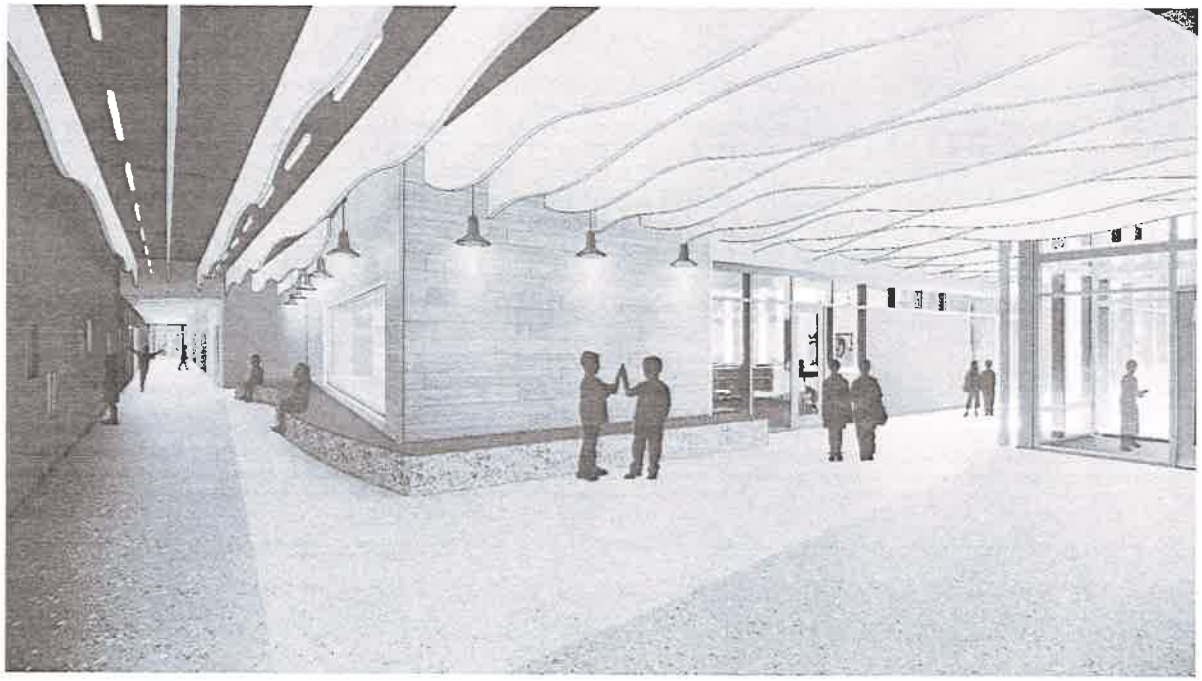
CUTLER ELEMENTARY SCHOOL
TOWN OF GROTON

160 Fishtown Road
Mystic, CT 06355

State Project No. 059-0188 N

Owner:	Co structio Manager:	Owner's Representative:	Civil / Site:	Landscape:	Structural:	Mechanical, Electrical, Plumbing & Fire Protection:	Technology and Security:	Food Service:	Acoustical Consultant:	Sustainability Consultant:
Town of Groton	**D & G Industries**	**Arcadis**	**Milone & MacBroom**	**Richter & Cegan**	**BVH Integrated Services**	**Diversified Technology Consultants**	**D'Agostino & Associates**	**Foodservice Facilities International**	**Acentech**	**Atelier Ten**
Town Hall Annex 134 Groton Long Point Road Groton CT 06340 860 572 2100	112 Wall Street Torrington CT 06790 860 489 5251	307 Main Street Suite 360 Hartford CT 06106 860 505 3517	99 Realty Drive Cheshire CT 06410 203 271 1773	Avon Park North P.O. Box 567 68 Canal Court Avon CT 06001 860 673 0808	50 Griffin Road South Bloomfield CT 06002 860 286 9171	2321 Whitney Avenue Suite 301 Hamden CT 06518 203 239 4260	1266 E. Main Street Stamford CT 06902 203 326 6151	147 5th Place New Canaan CT 06840 203 972 1606	33 Moulton Street Cambridge MA 02138 617 499 8000	786 Chapel Street New Haven CT 06510 203 777 1450

DRAWING SCHEDULE



SECURE ATTACHMENT NOTE

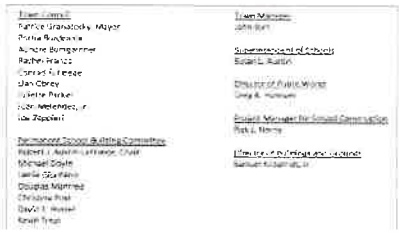
SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor, Contractor shall provide information assigned for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide studs, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

LIST OF DRAWINGS

COVER
IT-101 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101A TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101B TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101C TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-102 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-103 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-200 TECHNOLOGY EQUIPMENT ROOM LAYOUTS



PERKINS — EASTMAN
877 Washington Blvd Suite 101
Stamford, CT 06901
T: +1 203 351 7400
F: +1 203 351 7414

TECHNOLOGY PROCUREMENT DOCUMENTS

PROJECT No. 74450
MARCH 4, 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED
AP	INTERIOR WIRELESS AP - WALL MOUNTED
MON-65C	SAMSUNG 65C651 65" DISPLAY + W/ MOUNTING BRACKET CHief 46 NHU
MON-75C	SAMSUNG 65C651 65" DISPLAY + W/ MOUNTING BRACKET CHief 46 NHU
MON-75C	SAMSUNG 65C651 75" DISPLAY + W/ MOUNTING BRACKET CHief 46 NHU
MON-75C	SAMSUNG 65C651 65" DISPLAY + W/ MOUNTING BRACKET CHief 46 NHU
CART	PC [illegible]

KEY NOTES

SECURE ATTACHMENT NOTE

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NO.	DATE	ISSUE

d'agostino associates
477 MAIN STREET SUITE 210B
MONROE CT 06468
203 497 3054
www.da-technology.com

KEY PLAN

PERKINS EASTMAN

Owner
Town of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860.572.2180

Construction Manager
O & G Industries
112 Wall Street
Torrington CT 06790 860.489.9261

Owner's Representative
Bond
207 Main Street Suite 200
Hartford CT 06106 860.506.1577

Civil/Site
Milone & MacBroom
99 Realty Drive
Cheshire CT 06410 203.271.1773

Landscape
Richter & Cegan
Avon Park North P.O. Box 587 18 Canal Court
Avon CT 06001 860.678.0860

Structural
BVH Integrated Services
30 Griffin Road South
Bloomfield CT 06002 860.286.6171

Mechanical Electrical Plumbing & Fire Protection
Diversified Technology Consultants
2223 Whitney Avenue Suite 201
Hamden CT 06518 203.288.4200

Technology and Security
D'Agostino & Associates
108 E. Main Street
Stamford CT 06902 203.528.6154

Food Service
Foodservice Facilities International
137 Elm Place
New Canaan CT 06840 203.972.1665

Acoustical Consultant
Acentech
33 Moulton Street
Cambridge MA 02138 617 499 8000

Sustainability Consultant
Atelier Ten
700 Chapel Street
New Haven CT 06510 203.777.1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic CT 06355

STATE PROJECT NO 059-0169N

PROJECT No 74450

DRAWING TITLE

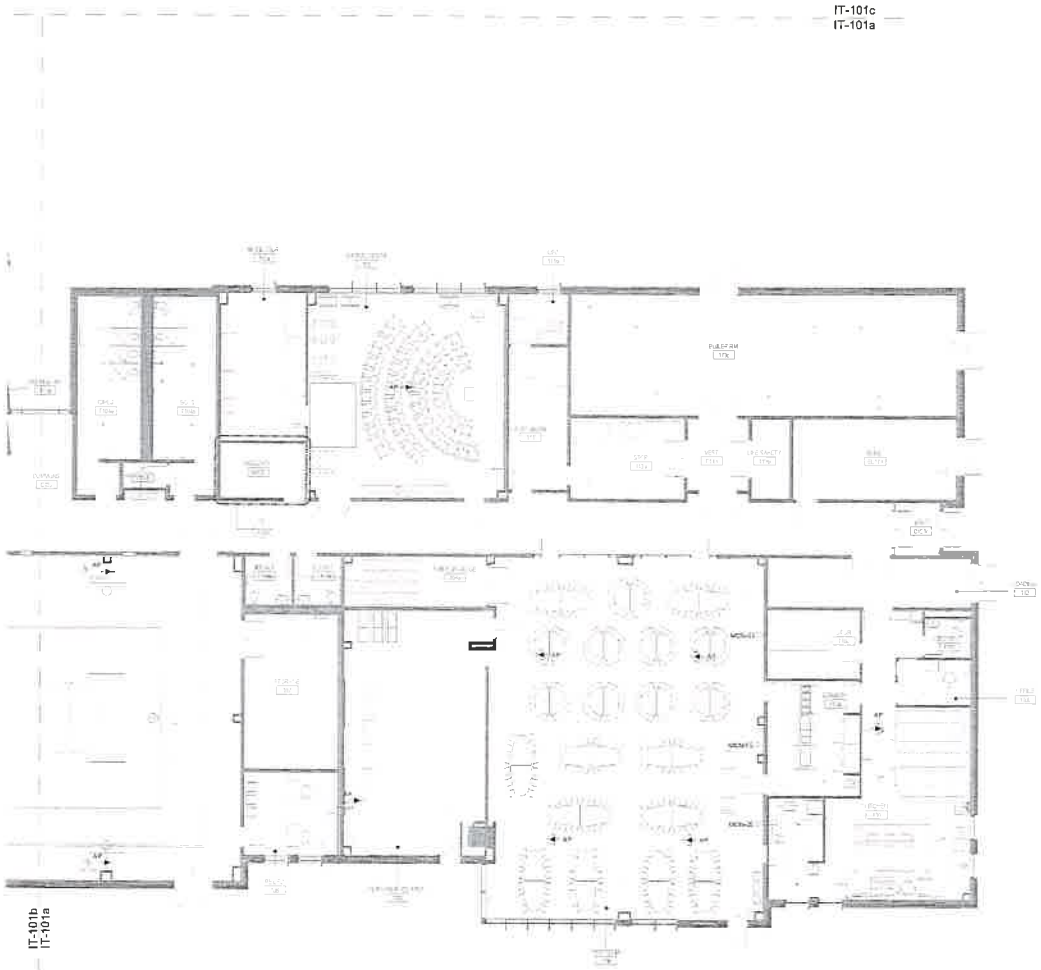
TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN

SCALE 1/8" = 1'

IT-101

CONSTRUCTION DOCUMENTS

MARCH 3 2021



SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO #C9130AX-B
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO #C9130AX-B NOTE: IN GYMNASIUM MUST INCLUDE OBERON #WS-1313-C (TOTAL 4)
MON-55	SAMSUNG #QB55T 55" DISPLAY - W/ MOUNTING BRACKET CHIEF #RTM1U
MON-65	SAMSUNG #QB65T 65" DISPLAY - W/ MOUNTING BRACKET CHIEF #RTM1U
MON-70	SAMSUNG #QB70T 70" DISPLAY - W/ MOUNTING BRACKET CHIEF #RTM1U
MON-85	SAMSUNG #QB85R 85" DISPLAY - W/ MOUNTING BRACKET CHIEF #RTM1U
CART	[illegible]

KEY NOTES

1. INSTALL WAP INTO OBERON #WS-1313-C WIRELESS ENCLOSURE. OBERON ENCLOSURE TO BE INSTALLED OVER THE OUTLET BOX AND AS MANDATED PER THE MANUFACTURES INSTRUCTIONS.

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

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NO.	DATE	ISSUE

d'agostino associates
477 MAIN STREET SUITE 2108
MONROE, CT 06468
203 487-3064
www.ds-technology.com

PERKINS — EASTMAN

Owner:
Town of Groton

Construction Manager:
O & G Industries

Owner's Representative:
Arcadis

Civil / Site:
Milone & MacBroom

Landscape:
Kichler & Cogan

Structural:
BVH Integrated Services

Mechanical, Electrical, Plumbing & Fire Protection:
Silverthorn Technology Consultants

Technology and Security:
D'Agostino & Associates

Food Service:
Foodservice Facilities International

Acoustical Consultant:
Acentech

Sustainability Consultant:
Atelier Ten
700 Chapel Street
New Haven, CT 06510 203.777.1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic, CT 06355

STATE PROJECT NO. 059-0188N

PROJECT No. 74450

DRAWING TITLE

TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'

IT-101a

CONSTRUCTION DOCUMENTS

MARCH 4 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO MODEL#
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO MODEL# NOTE: IN GYMNASIUM MUST INCLUDE OBERON #1015-1313-C (TOTAL 4)
MON-43	SAMSUNG 43DEST, 55" DISPLAY - W/ MOUNTING BRACKET CHIEF #LTM1U
MON-65	SAMSUNG 65DEST, 65" DISPLAY - W/ MOUNTING BRACKET CHIEF #LTM1U
MON-70D	SAMSUNG 70DEST, 70" DISPLAY - W/ MOUNTING BRACKET CHIEF #LTM1U
MON-85	SAMSUNG 85MDN, 85" DISPLAY - W/ MOUNTING BRACKET CHIEF #LTM1U
OBER	RE: SL OBERON 1313-C WIRELESS ENCLOSURE SUPPLIED BY CABLEXPERT

KEY NOTES

1. INSTALL WAP INTO OBERON #1015-1313-C WIRELESS ENCLOSURE. OBERON ENCLOSURE TO BE INSTALLED OVER THE OUTLET BOX AND AS MANDATED PER THE MANUFACTURES INSTRUCTIONS

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

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NO	DATE	ISSUE

d'agostino associates
477 MAIN STREET SUITE 2188
MONROE CT 06468
203.497.2094
www.dadetechnology.com

SEAL

KEY PLAN

PERKINS — EASTMAN

Owner:
Town of Groton

Construction Manager:
D & D Industries

Owner's Representative:
ArcAdia

Civil/Site:
Milone & MacBroom

Landscape:
Richter & Cegan

Structural:
BVH Integrated Services

Mechanical, Electrical, Plumbing & Fire Protection:
DirectPlan Technology Consultants

Technology and Security:
D'Agostino & Associates

Food Service:
Foodservice Facilities International

Acoustical Consultant:
Acentech
33 Moulton Street
Cambridge MA 02138 617.499.8000

Sustainability Consultant
Atelier Ten
156 Chapel Street
New Haven CT 06510 203 772 1400

PROJECT TITLE:

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic CT 06355

STATE PROJECT NO. 033-0(aaa)

PROJECT No. 74460

DRAWING TITLE

TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'

IT-101b

CONSTRUCTION DOCUMENTS

MARCH 4 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO AIR-CAP3602I-A-K9
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO AIR-CAP3602I-A-K9 NOTE: IN CONFERENCE WALL PROJECTOR PROVIDED BY THE CLIENT (TOTAL 6)
MONITOR	SAMSUNG 65QE55T 55" DISPLAY - W/ MOUNTING BRACKET CHief KS-TMSQ
MONITOR	SAMSUNG 65QE55T 55" DISPLAY - W/ MOUNTING BRACKET CHief KS-TMSQ
MONITOR	SAMSUNG 65QE55T 55" DISPLAY - W/ MOUNTING BRACKET CHief KS-TMSQ
MONITOR	SAMSUNG 65QE55T 55" DISPLAY - W/ MOUNTING BRACKET CHief KS-TMSQ
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KEY NOTES

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477 MAIN STREET, SUITE 2100
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KEY PLAN

PERKINS — EASTMAN

Owner
Town of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860.572.2180

Construction Manager
B & D Industries
1 13 Wall Street
Torrington CT 06790 860.489.9291

Owner's Representative
Arcadis
207 Main Street, Suite 200
Hartford, CT 06106 860 906 1577

Civil Site
Milone & MacBroom
99 Realty Drive
Cheshire, CT 06410 203.271.1773

Landscape
Richter & Cegan
Avon Park North P.O. Box 567 88 Canal Court
Avon CT 06001 860.675.0663

Structural
BVH Integrated Services
50 Grillon Road South
Moorefield CT 06002 860.296.9171

Mechanical, Electrical, Plumbing & Fire Protection
Diversified Technology Consultants
2323 Whitney Avenue, Suite 201
Hamden, CT 06518 203.230.0208

Technology and Security
D'Agostino & Associates
1266 E. Main Street
Stamford CT 06902 203.520.6164

Food Service
Foodservice Facilities International
137 Elm Place
New Canaan CT 06840 203.972.1605

Acoustical Consultant
Acentech
33 Moulton Street
Cambridge, MA 02138 617.549.8300

Sustainability Consultant
Atelier Ten
794 Chapel Street
New Haven CT 06510 203.777.1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic, CT 06355

STATE PROJECT NO. 059-0168N

PROJECT No. 74450

DRAWING TITLE

TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN

SCALE: 1/8" = 1

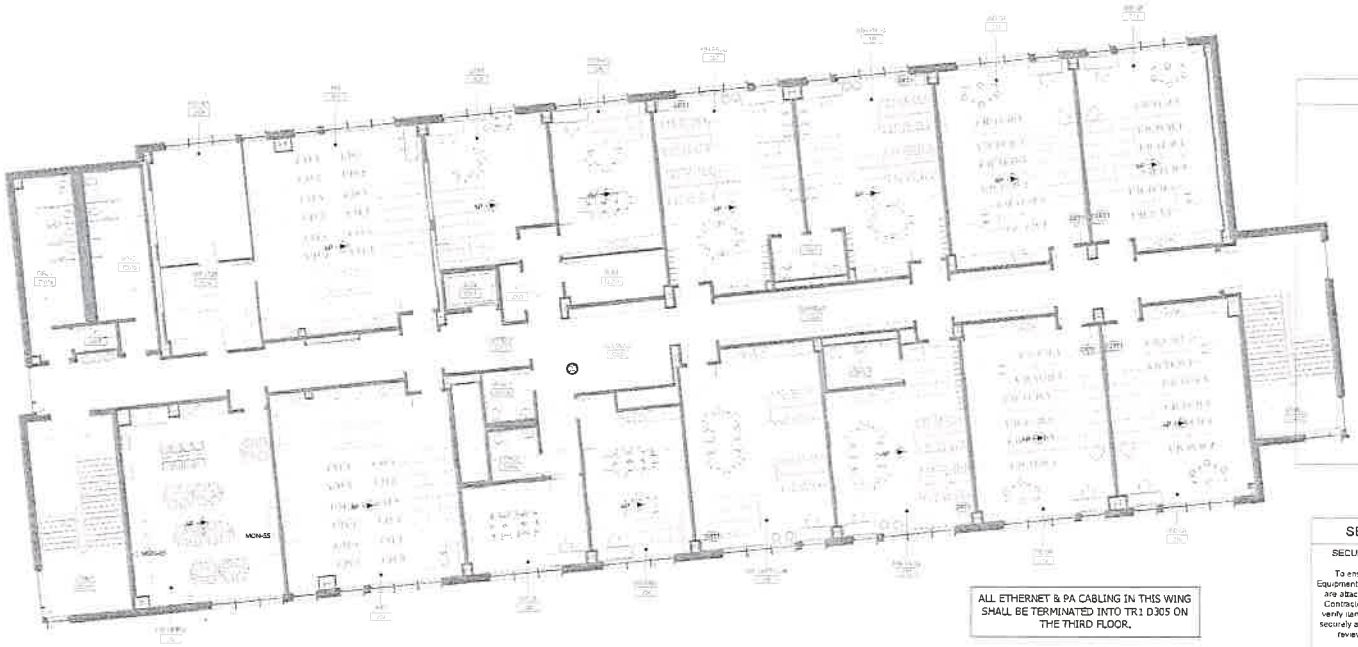
IT-101c

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO MR36AC-B
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO MR36H-B NOTE: IN CLASSROOM MUST INCLUDE DISPLAY WITH CISCO (TOTAL 4)
MON-01	SAMSUNG 65"EST 10" DISPLAY - W/ MOUNTING BRACKET CHIEF RLTM1U
MON-02	SAMSUNG 65"EST 10" DISPLAY - W/ MOUNTING BRACKET CHIEF RLTM1U
MON-03	SAMSUNG 65"EST 10" DISPLAY - W/ MOUNTING BRACKET CHIEF RLTM1U
MON-04	SAMSUNG 65"EST 10" DISPLAY - W/ MOUNTED BRACKET CHIEF RLTM1U
DIST	[illegible]



ALL ETHERNET & PA CABLING IN THIS WING SHALL BE TERMINATED INTO TR1 D305 ON THE THIRD FLOOR.

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items where items are attached to wall, ceiling, overhead structure, and/or floor Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO.	DATE	ISSUE

d'agostino
477 MAIN STREET SUITE 2100
MONROE, CT 06468
203 467.3064
www.dagostinoarp.com

PERKINS — EASTMAN

Owner:
Town of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860 572.2100

Construction Manager
O & G Industries
112 Wall Street
Torrington CT 06790 860 489 9961

Owner's Representative
Arcadis
207 Main Street Suite 200
Hartford CT 06106 860 905 1577

Civil Site
Milone & MacBroom
99 Realty Drive
Cheshire CT 06410 203.271.1773

Landscape
Richter & Cegan
Avon Park North P.O. Box 587 18 Canal Court
Avon CT 06001 860 678.0650

Structural
BVH Integrated Services
[illegible]

Mechanical, Electrical, Plumbing & Fire Protection
Diversified Technology Consultants
[illegible]

Technology and Security
D'Agostino & Associates
[illegible]

Food Service
Foodservice Facilities International
157 Elm Place
New Canaan CT 06840 203 972 1605

Acoustical Consultant
Acoustech
34 Mouton Street
Cambridge MA 02138 617.499.8008

Sustainability Consultant
Atelier Ten
206 Crown Street
New Haven CT 06510 203.777.1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic, CT 06355

STATE PROJECT NO. 059-0168N

PROJECT No. 74403

DRAWING TITLE

TECHNOLOGY LEVEL 2 FLOOR PLAN

SCALE: 1/8" = 1'

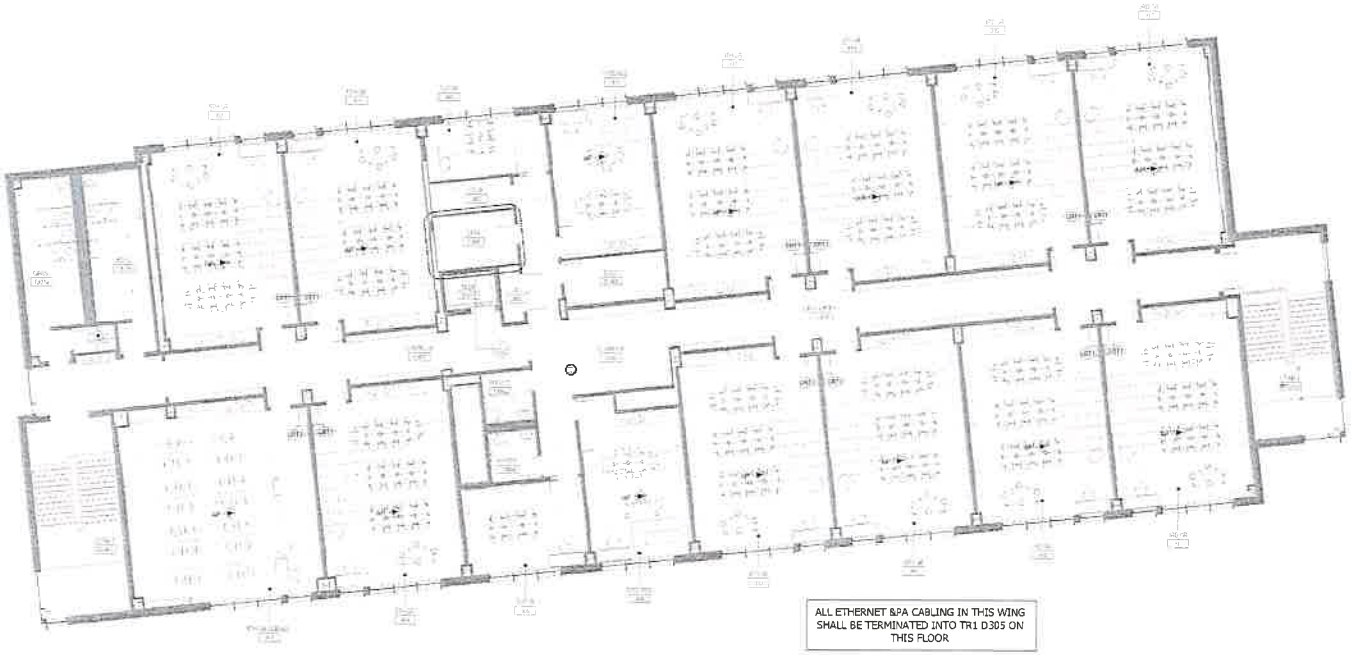
IT-102

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO AIR-CAP3602I-A-K9
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO AIR-CAP3602I-A-K9 NOTE: INSTALLATION BRACKET INCLUDED WITH PRODUCT. SEE DETAIL
MONITOR	DANGLING HOSTS TV DISPLAY - W/ MOUNTING BRACKET (SHEET AE.TM1)
MONITOR	DANGLING HOSTS TV DISPLAY - W/ MOUNTING BRACKET (SHEET AE.TM1)
MONITOR	DANGLING HOSTS TV DISPLAY - W/ MOUNTING BRACKET (SHEET AE.TM1)
MONITOR	DANGLING HOSTS TV DISPLAY - W/ MOUNTING BRACKET (SHEET AE.TM1)
REF	REFLECTED TV DISPLAY - SEE DETAIL 2/AE.TM1



ALL ETHERNET &PA CABLING IN THIS WING SHALL BE TERMINATED INTO TR1 D305 ON THIS FLOOR

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor Contractor shall provide information adequate for architect to verify items attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide studs, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO.	DATE	ISSUE

d'agostino associates

477 MAIN STREET SUITE 2186
MONROE, CT 06468
203.447.3264
www.dagostinotechnology.com

SEAL

KEY PLAN

PERKINS — EASTMAN

Owner
Town of Groton
Town Hall Annex 134 Groton Long Point Road
Groton, CT 06340 860.572.2100

Construction Manager
G. L. O. Industries
112 Wall Street
Farmington, CT 06780 860.499.9961

Owner's Representative
Arcadia
207 Main Street, Suite 200
Hartford, CT 06106 860.906.1577

Civil / Site
Milone & MacBroom
99 Realty Drive
Cheshire, CT 06410 203.271.1773

Landscape
Richter & Cegan
Avon Park North, P.O. Box 587, 95 Canal Court
Avon, CT 06001 860.678.8663

Structural
BVH Integrated Services
10 Griffin Road South
Bloomfield, CT 06002 860.242.4171

Mechanical, Electrical, Plumbing & Fire Protection
Diversified Technology Consultants
2321 Whitney Avenue, Suite 201
Hamden, CT 06518 203.230.4200

Technology and Security
D'Agostino & Associates
136 E. Main Street
Stamford, CT 06902 203.538.4164

Food Service
Foodservice Facilities International
107 Elm Place
New Canaan, CT 06840 203.972.1605

Acoustical Consultant
Acentech
33 Moulton Street
Cambridge, MA 02138 617.499.8080

Sustainability Consultant
Atelier Ten
798 Chapel Street
New Haven, CT 06510 203.777.1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

150 Fishtown Road
Mystic, CT 06355

STATE PROJECT NO. 059-0188N

PROJECT No. 73459

DRAWING TITLE

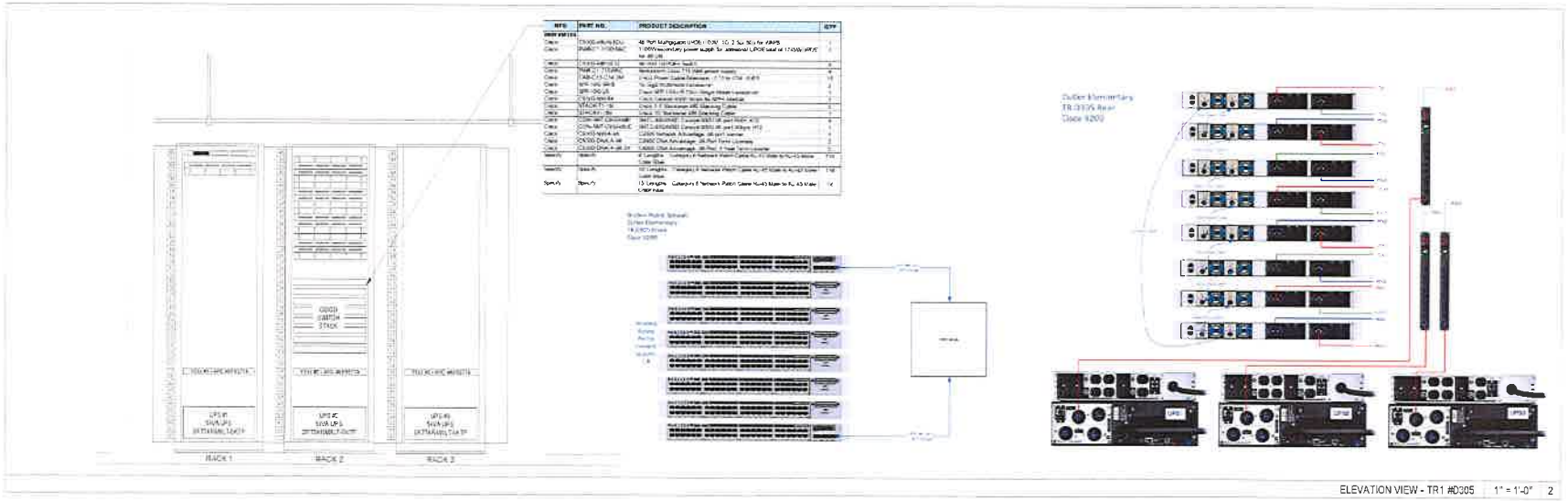
TECHNOLOGY LEVEL 3 FLOOR PLAN

SCALE: 1/8" = 1'

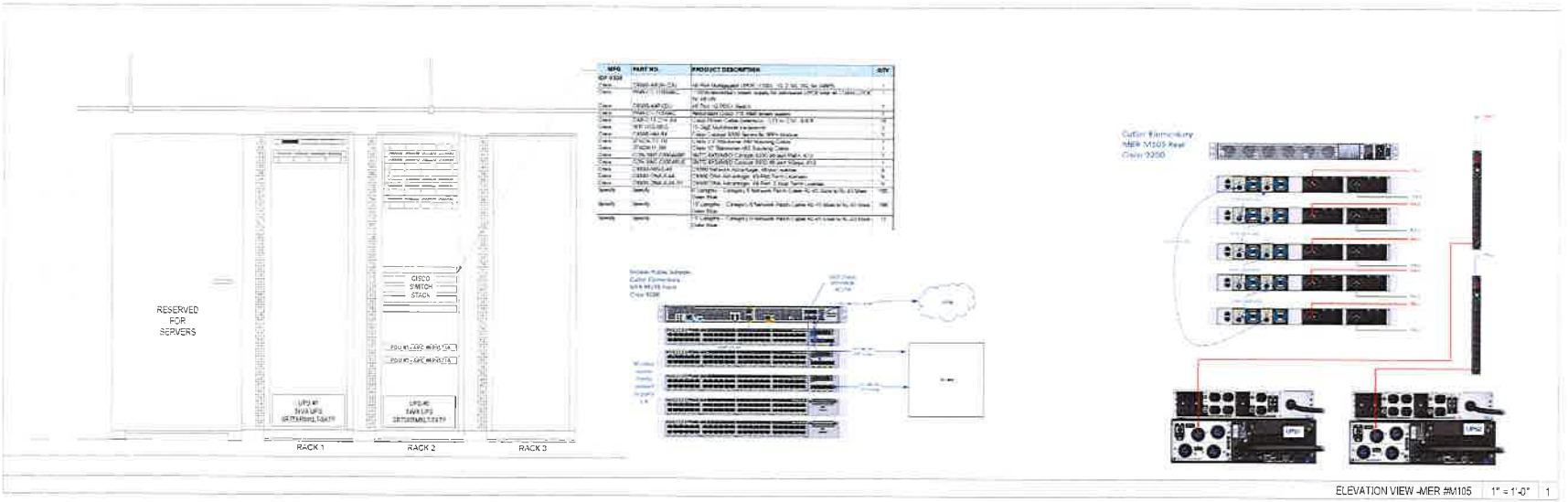
IT-103

CONSTRUCTION DOCUMENTS

MARCH 4, 2021



ELEVATION VIEW - TR1 #0305 | 1" = 1'-0" | 2



ELEVATION VIEW -MER #M105 | 1" = 1'-0" | 1

NO.	DATE	ISSUE

d'agostino & associates
477 MAIN STREET SUITE 2108
MONROE CT 06468
203.417.2004
www.da-technology.com

PERKINS — EASTMAN

Owner
Town of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 (860) 572-2100

Construction Manager
G. G. Industries
112 Wall Street
Torrington CT 06790 860 489 9481

Owner's Representative
Arcadis
257 Main Street Suite 200
Hartford CT 06106 203 605 1577

Civil / Site
Milone & MacBroom
99 Realty Drive
Cheshire CT 06410 203 271 1773

Architect
Richter & Cegan
Avon Park North P.O. Box 547 108 Cardinal Drive
Avon CT 06001 (860) 678-0600

Structural
DVM Integrated Services
55 Jeffery Road South
Stonington CT 06378 (860) 535-4111

Mechanical, Electrical, Plumbing & Fire Protection
Diversified Technology Consultants
2321 Whitney Avenue Suite 201
Hamden CT 06518 (203) 562-4188

Technology and Security
D'Agostino & Associates
129 E. Main Street
Stamford CT 06902 203 324 8184

Food Service
Foodservice Facilities International
37 Elm Place
New Canaan CT 06840 203 972 1901

Acoustical Consultant
Acentech
33 Moulton Street
Cambridge MA 02138 617 499 8000

Sustainability Consultant
Atelier Ten
736 Chapel Street
New Haven CT 06510 203 777 1400

PROJECT TITLE

CUTLER ELEMENTARY SCHOOL

160 Fishtown Road
Mystic CT 06355

STATE PROJECT NO. 069-0189

PROJECT No. 74450

DRAWING TITLE

TECHNOLOGY EQUIPMENT ROOM LAYOUTS

SHEET

IT-200

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

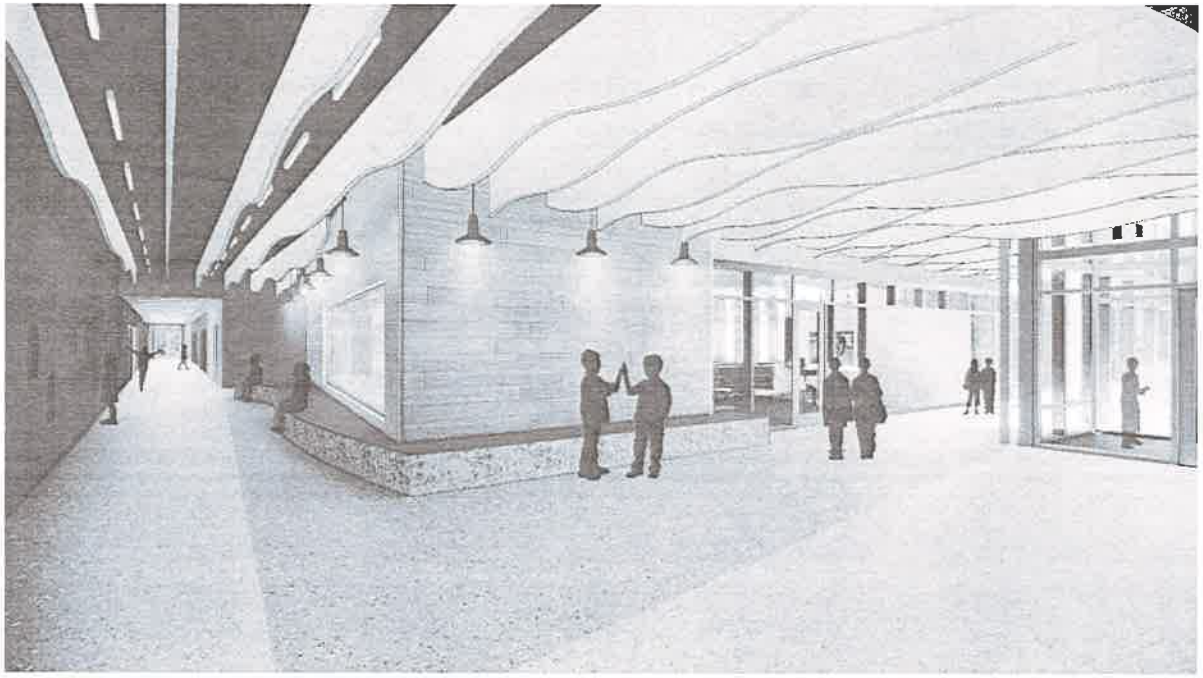
Attachment #3

WEST SIDE ELEMENTARY SCHOOL
TOWN OF GROTON

250 Brandegee Ave
Groton, CT 06340

State Project No. 059-0189 N

Owner:	Construction Manager:	Owner's Representative:	Civil / Site:	Landscape:	Structural:	Mechanical, Electrical, Plumbing & Fire Protection:	Technology and Security:	Food Service:	Acoustical Consultant:	Sustainability Consultant:
Town of Groton	**D & G Industries**	**Arcadis**	**Milone & MacBroom**	**Richter & Cegan**	**BVH Integrated Services**	**Diversified Technology Consultants**	**D'Agostino & Associates**	**Foodservice Facilities International**	**Acentech**	**Atelier Ten**
Town Hall Annex 134 Groton Long Point Road Groton CT 06340 860.572.2508	112 Wall Street Torrington CT 06790 860.489.9261	207 Main Street Suite 200 Hartford CT 06106 860.956.1577	99 Realty Drive Cheshire CT 06410 203.271.1773	Avon Park North P.O. Box 967 65 Canal Court Avon CT 06001 860.678.0669	206 West Newcastle Road Bloomfield CT 06002 860.243.0171	2221 Whitney Avenue Suite 301 Hamden CT 06518 203.320.4200	1266 E. Main Street Stonington, CT 06378 203.535.6164	137 Elm Place New Canaan CT 06840 203.972.1605	33 Moulton Street Cambridge MA 02138 617.499.8000	786 Grand Street New Haven CT 06510 203.777.1460



SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor. Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide studs, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

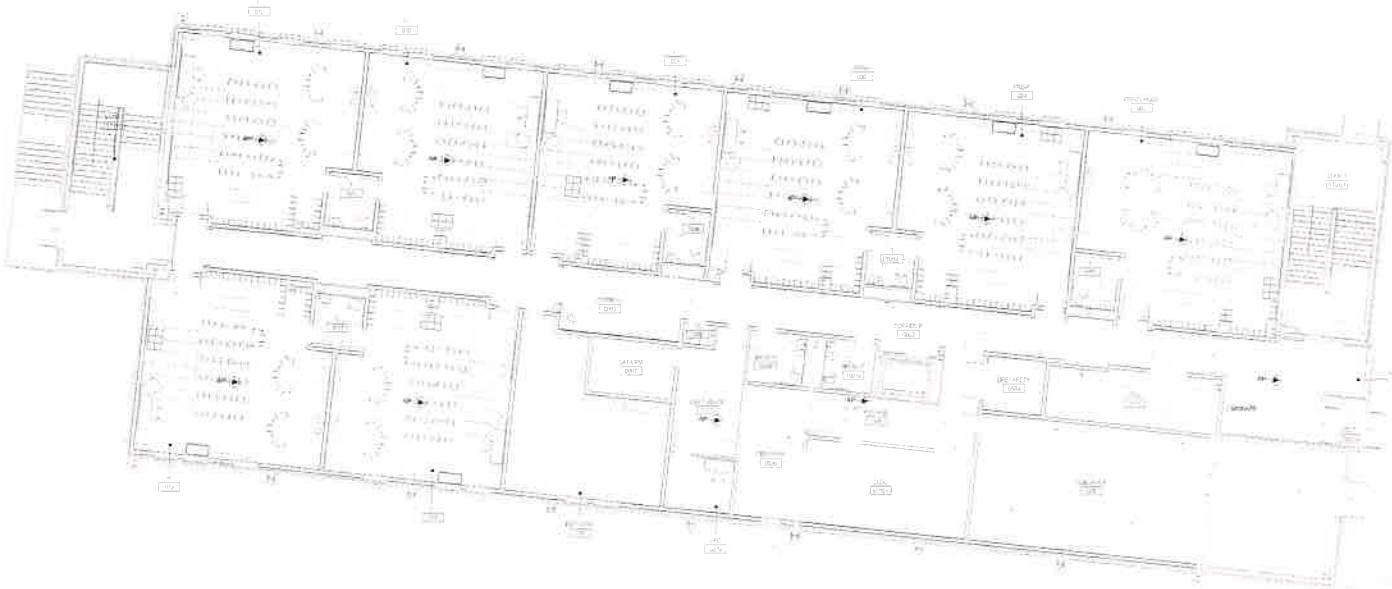
LIST OF DRAWINGS

COVER
IT-101 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101A TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101B TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-101C TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-102 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-103 TECHNOLOGY LEVEL 1 PARTIAL FLOOR PLAN
IT-200 TECHNOLOGY EQUIPMENT ROOM LAYOUTS

PERKINS — EASTMAN
677 Washington Blvd Suite 101
Stamford, CT 06901
T: +1 203 251 7400
F: +1 203 251 7474

TECHNOLOGY PROCUREMENT DOCUMENTS

PROJECT No. 74451
MARCH 4, 2021



REF - ALL ETHERNET & PA CABLING IN THIS WING SHALL BE TERMINATED INTO DATA ROOM #D007 ON THIS FLOOR.

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO #C9120AX-B
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO #C9120AX-B NOTE: IN GYMNASIUM MUST INCLUDE OBERON #1015-1313-C (TOTAL 4)
MON-55	SAMSUNG #OH55T, 55" DISPLAY - W/ MOUNTING BRACKET CHief #STM1U
MON-65	SAMSUNG #OH65T, 65" DISPLAY - W/ MOUNTING BRACKET CHief #STM1U
MON-70	SAMSUNG #OH70T, 70" DISPLAY - W/ MOUNTING BRACKET CHief #STM1U
MON-85	SAMSUNG #OH75T, 75" DISPLAY - W/ MOUNTING BRACKET CHief #STM1U
CART	REVOLUTION™ 3 CHARGING CABINET [illegible]

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor Contractor shall provide information adequate for architect to verify items attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide studs, hangers, fasteners, safety harnesses, crossbeams, suitable screws, nuts, etc. to securely attach items to existing structure as required to meet field conditions, and meet applicable codes.

NO.	DATE	ISSUE

d'agostino

477 MAIN STREET SUITE 2108
MONROE, CT 06468
203.437.3054
www.da-technology.com

KEY PLAN

PERKINS EASTMAN

Owner
City of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860 572 2108

Construction Manager
O & G Industries
112 Wall Street
Torrington CT 06790 860 489 9251

Owner's Representative
Amesite
107 Main Street Suite 200
Hartford CT 06106 860 906.1577

Civil Site
Bibbins & MacBroom
59 Realty Drive
Cheshire CT 06410 203.271.1773

Landscape
Richter & Cogan
Avon Park North P.O. Box 587 68 Canal Court
Avon CT 06001 860.678.0664

Structural
BVH Integrated Services
208 West Newberry Road
Bloomfield CT 06002 860.286.5171

Mechanical, Electrical, Plumbing & Fire Protection
Shemmitt Technology Consultants
2321 Whitney Avenue Suite 101
Hamden CT 06518 203.230.2200

Technology and Security
D'Agostino & Associates
1288 E. Main Street
Stonington CT 06378 203.529.8164

Food Service
Foodservice Facilities International
137 Elm Place
New Canaan CT 06840 203.972.1695

Acoustical Consultant
Acoustech
33 Moulton Street
Cambridge MA 02138 617.499.8000

Geotechnical Consultant
Mallon Tan
700 Orange Street
New Haven CT 06511 203.771.1401

PROJECT TITLE:

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton, CT 06340

STATE PROJECT NO. 059-0189N

PROJECT No. 74451

DRAWING TITLE:

TECHNOLOGY LEVEL 1 FLOOR PLAN

SCALE: 1/8" = 1'

IT-101

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO W3700AX-E
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO W3700AX-E NOTE: IN GYMNASIUM MUST INCLUDE DEGRON B1015-1318-C (TOTAL 4)
MDM65	SAMSUNG WDH55T 55" DISPLAY - W/ MOUNTING BRACKET CHIEF XTM1U
MDM65	SAMSUNG WDH55T 65" DISPLAY - W/ MOUNTING BRACKET CHIEF XTM1U
MDM75	SAMSUNG WDH75T 75" DISPLAY - W/ MOUNTING BRACKET CHIEF XTM1U
MDM85	SAMSUNG WDH85T 85" DISPLAY - W/ MOUNTING BRACKET CHIEF XTM1U
CRTV	[illegible]

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures Furnishings & Equipment items including and Technology items where items are attached to wall ceiling overhead structure and/or floor Contractor shall provide information adequate for architect to verify items, attached to wall ceiling and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety harnesses channels bolts screws rods etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO.	DATE	ISSUE

d'agostino associates
477 MAIN STREET SUITE 2108
MONROE, CT 06468
203.467.3064
www.d-a-technology.com

KEY PLAN

PERKINS — EASTMAN

Owner
City of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860 572 2108

Construction Manager
O & G Industries
112 Wall Street
Torrington CT 06790 860.489.9261

Owner's Representative
Arcadis
207 Main Street Suite 206
Hartford CT 06106 860 906 1577

Civil Site
Milone & MacBroom
99 Realty Drive
Cheshire CT 06410 203 271 1773

Landscape
Richter & Cegas
Avon Park North P.O. Box 587 68 Canal Court
Avon CT 06001 860.678.0669

Structural
BVH Integrated Services
206 West Newberry Road
Bloomfield CT 06002 860.286.0171

Mechanical (Electrical Plumbing & Fire Protection)
Diversified Technology Consultants
2321 Whitney Avenue Suite 301
Hamden CT 06518 203.230.7200

Technology and Security
D'Agostino & Associates
1288 E. Main Street
Stamford CT 06902 203.329.6184

Food Service
Foodservice Facilities International
707 Sun Place
New Canaan CT 06840 203.972.1668

Acoustical Consultant
Acentech
33 Moulton Street
Cambridge MA 02138 617 499 8080

Sustainability Consultant
Atelier Ten
736 Chapel Street
New Haven CT 06510 203 772 1400

PROJECT TITLE

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton CT 06340

STATE PROJECT NO. 059-0189N

PROJECT NO. 24037

DRAWING TITLE

TECHNOLOGY LEVEL 2 FLOOR PLAN

SCALE: 3/32" = 1'

IT-102

CONSTRUCTION DOCUMENTS

MARCH 4 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO MS3150AX-I-B
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO MS3150AX-I-B
MONITOR	SAMSUNG HG55T, 55" DISPLAY - W/ MOUNTING BRACKET CHIEF KS TM1U
MONITOR	SAMSUNG HG65T, 65" DISPLAY - W/ MOUNTING BRACKET CHIEF KS TM1U
MONITOR	SAMSUNG HG75T, 75" DISPLAY - W/ MOUNTING BRACKET CHIEF KS TM1U
MONITOR	SAMSUNG [illegible] - W/ MOUNTING BRACKET CHIEF KS TM1U
CART	[illegible]

KEY NOTES

1. INSTALL WAP INTO OBERON #1015-1313-C1 WIRELESS ENCLOSURE. OBERON ENCLOSURE TO BE INSTALLED OVER THE OUTLET BOX AND AS MANDATED PER THE MANUFACTURES INSTRUCTIONS

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor. Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO.	DATE	ISSUE

d'agostino associates
Information Systems Consultants
427 MAIN STREET SUITE 210S
MONROE, CT 06468
203.497.2064
www.da-technology.com

KEY PLAN

PERKINS — EASTMAN
[illegible]

Owner:
City of Groton
Town Hall Annex, 134 Groton Long Point Road
Groton, CT 06340 (860) 572-2109

Construction Manager:
O & G Industries
112 Wall Street
Torrington, CT 06790 860.489.9581

Owner's Representative:
Arcadis
[illegible]

Civil / Site:
Milone & MacBroom
99 Realty Drive
Cheshire, CT 06410 (203) 271-1773

Landscape:
Reistter & Cogan
[illegible]

Structural:
BVH Integrated Services
206 West Newberry Road
Bloomfield, CT 06002 860.286.0171

Mechanical, Electrical, Plumbing & Fire Protection:
Diversified Technology Consultants
2221 Whitney Avenue, Suite 201
Hamden, CT 06518 203.239.4200

Technology and Security:
D'Agostino & Associates
1299 E. Main Street
Stamford, CT 06902 203.529.6164

Food Service:
Foodservice Facilities International
127 Elm Place
New Canaan, CT 06840 203.972.1625

Acoustical Consultant:
Acentech
33 Moulton Street
Cambridge, MA 02138 617.499.8000

Sustainability Consultant:
Atelier Ten
798 Chapel Street
New Haven, CT 06510 203.772.1400

PROJECT TITLE

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton, CT 06340

STATE PROJECT NO. 20H0190N

PROJECT No. 74451

DRAWING TITLE

TECHNOLOGY LEVEL 2 PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'

IT-102a

CONSTRUCTION DOCUMENTS

MARCH 4 2021

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO
MONITOR	SAMSUNG 40/55" 55" DISPLAY - W/ MOUNTING BRACKET CHIEF
MONITOR	SAMSUNG 40/55" 40" DISPLAY - W/ MOUNTING BRACKET CHIEF
MONITOR	SAMSUNG 40/55" 70" DISPLAY - W/ MOUNTING BRACKET CHIEF
MONITOR	SAMSUNG 65/75" 75" DISPLAY - W/ MOUNTING BRACKET CHIEF
DATA	RE: DATA/TV LOCATIONS CHART Link to Charts

KEY NOTES

1. INSTALL WAP INTO OBERON #1015-1213-C WIRELESS ENCLOSURE. OBERON ENCLOSURE TO BE INSTALLED OVER THE OUTLET BOX AND AC MANDATED PER THE MANUFACTURES INSTRUCTIONS.

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor, Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO	DATE	ISSUE

d'agostino associates
477 MAIN STREET SUITE 2188
MONROE, CT 06468
203.467.3054
www.dagostinotechnology.com

PERKINS—EASTMAN
422 Summer Street
Hartford, CT 06103
T +1 203 251 1000
F +1 203 251 1010

Owner
City of Groton
Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860.572.2100

Construction Manager
O & G Industries
112 Wall Street
Torrington CT 06790 860.489.6261

Owner's Representative
Arcadis
207 Main Street, Suite 200
Hartford, CT 06106 860.808.1577

Civil / Site
Milone & MacBroom
99 Realty Drive
Cheshire CT 06410 203.271.1773

Landscape
Richter & Cegan
Avon Park North P.O. Box 567 66 Canal Court
Avon CT 06001 860.676.0648

Structural
BVH Integrated Services
284 West Newberry Road
Bloomfield CT 06002 860.286.8171

Mechanical, Electrical, Plumbing & Fire Protection
Diversified Technology Consultants
2320 Whitney Avenue, Suite 2B1
Hamden CT 06518 203.230.4200

Technology and Security
D'Agostino & Associates
1266 E. Main Street
Stamford CT 06902 203.528.6164

Food Service
Foodservice Facilities International
137 Elm Place
New Canaan CT 06840 203.972.1605

Acoustics
Acentech
33 Moulton Street
Cambridge MA 02138 617.499.8080

Sustainability Consultant
Atelier Ten
700 Chapel Street
New Haven CT 06510 203.777.1400

PROJECT TITLE

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton, CT 06340

STATE PROJECT NO. 059-0189N

PROJECT No. 24451

DRAWING TITLE

TECHNOLOGY LEVEL 2 PARTIAL FLOOR PLAN

SCALE 1/8" = 1

IT-102b

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

IT-102c
IT-102a

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO AIR-CAP3602I-A-K9
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO AIR-CAP3602I-A-K9 NOTE: SUPPLIED WITH SECURITY MOUNT BRACKET. CONFIGURATION TO BE DETERMINED BY
MONITOR	SAMSUNG HG55T 55" DISPLAY - W / MOUNTING BRACKET CHIEF KRT-TMRU
MONITOR	SAMSUNG HG65T 65" DISPLAY - W / MOUNTING BRACKET CHIEF KRT-TMRU
MON-TOUCH	SAMSUNG HG75T 75" DISPLAY - W / MOUNTING BRACKET CHIEF KRT-TMRU
MONITOR	SAMSUNG QB49R 49" DISPLAY - W / MOUNTING BRACKET CHIEF KRT-TMRU
CART	REFURBISHED TECHNOLOGY CARTS (LOCATION TBD)

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor. Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety harnesses, channels, bolts, screws, nuts, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

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MONROE CT 06468
203.497.3064
www.da-technology.com

PERKINS — EASTMAN

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Town Hall Annex 134 Groton Long Point Road
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Construction Manager
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112 Wall Street
Torrington CT 06790 860.489.9161

Owner's Representative
Anyasolo
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Hartford CT 06106 860.808.1577

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Cheshire CT 06410 203.271.1773

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Sustainable Consultant
Atelier Ten
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New Haven CT 06510 203.777.1450

PROJECT TITLE

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton CT 06340

STATE PROJECT NO. 155-0168N

PROJECT No 74451

DRAWING TITLE

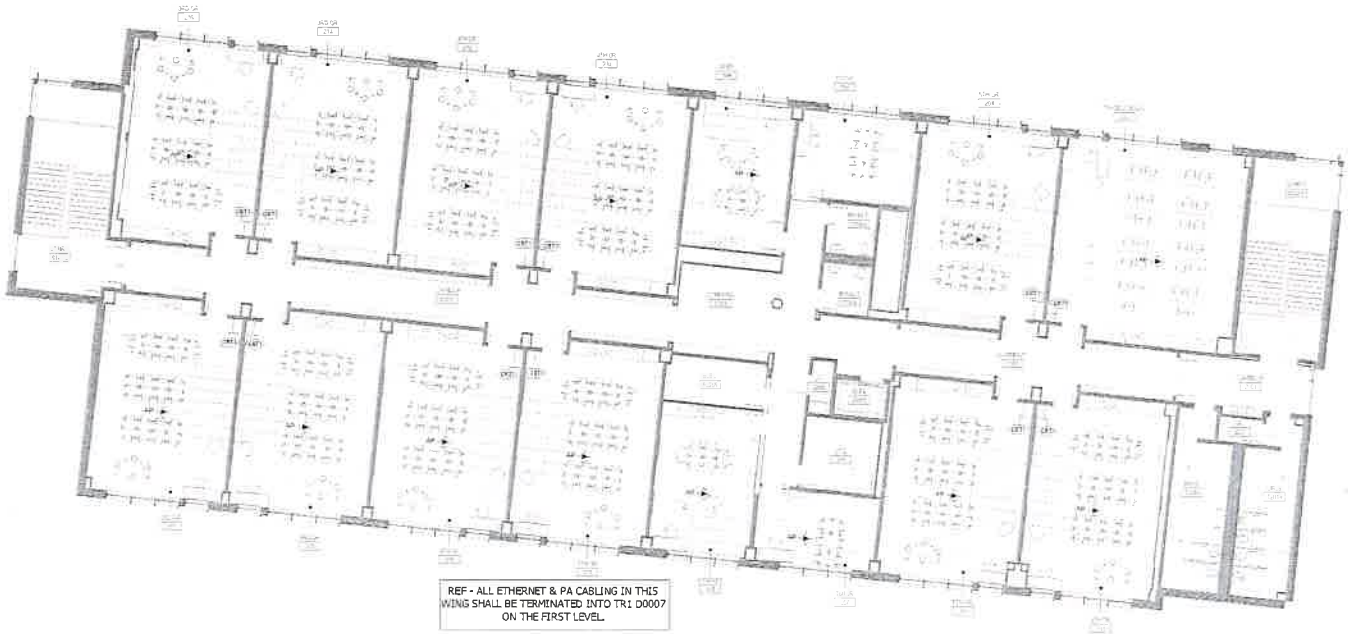
TECHNOLOGY LEVEL 2 PARTIAL FLOOR PLAN

SCALE 1/8" = 1'

IT-102c

CONSTRUCTION DOCUMENTS

MARCH 4 2021



REF - ALL ETHERNET & PA CABLING IN THIS WING SHALL BE TERMINATED INTO TR1 D0007 ON THE FIRST LEVEL.

SYMBOL LEGEND

AP	INTERIOR WIRELESS AP - CEILING MOUNTED CISCO MR3500A I-B
AP	INTERIOR WIRELESS AP - WALL MOUNTED CISCO MR3500A I-B NOTE: IN GYMNASIUM MUST INCLUDE OBERON #1015-1310-C (TOTAL 4)
MON-55	SAMSUNG #OE55T 55" DISPLAY - W/ MOUNTING BRACKET CHief #RTM1U
MON-65	SAMSUNG #OE65T 65" DISPLAY - W/ MOUNTING BRACKET CHief #RTM1U
MON-75	SAMSUNG #OE75T 75" DISPLAY - W/ MOUNTING BRACKET CHief #RTM1U
MON-85	SAMSUNG #OH85N 85" DISPLAY - W/ MOUNTING BRACKET CHief #RTM1U
CRT1	[illegible]

KEY NOTES

SECURE ATTACHMENT NOTE

SECURE ATTACHMENT OF TECHNOLOGY ITEMS

To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where items are attached to wall, ceiling, overhead structure, and/or floor. Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer's recommendations. Architect's review may be implemented during submittal process.

Contractor shall provide struts, hangers, fasteners, safety cameses, channels, bolts, screws, nuts, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

NO.	DATE	ISSUE

d'agostino
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203.447.3054
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KEY PLAN

PERKINS — EASTMAN

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Town Hall Annex 134 Groton Long Point Road
Groton CT 06340 860.572.2100

Construction Manager
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Torrington CT 06790 860.489.9261

Owner's Representative
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Acentech
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Audiovisual/ Consultant
Studios Two
709 Chapel Street
Newhaven CT 06510 203.777.1400

PROJECT TITLE

WEST SIDE ELEMENTARY SCHOOL

250 Brandegee Ave
Groton, CT 06340

STATE PROJECT NO. 03H0769N

PROJECT No 74451

DRAWING TITLE

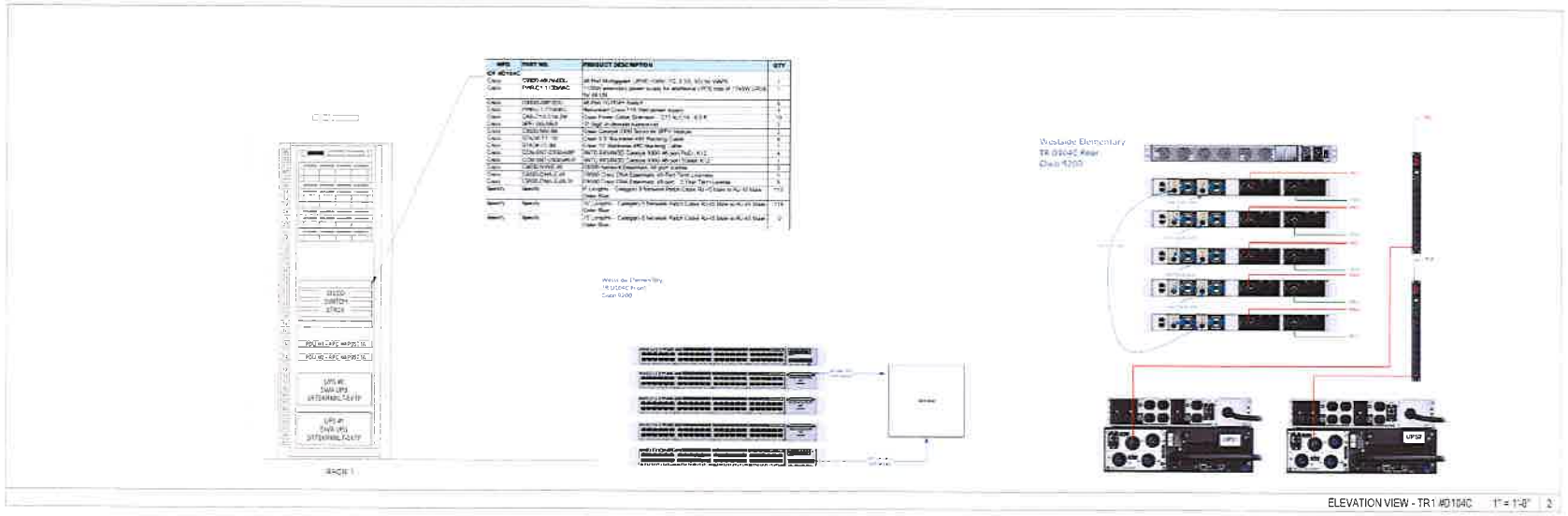
TECHNOLOGY LEVEL 3 FLOOR PLAN

SCALE: 1/8"=1'

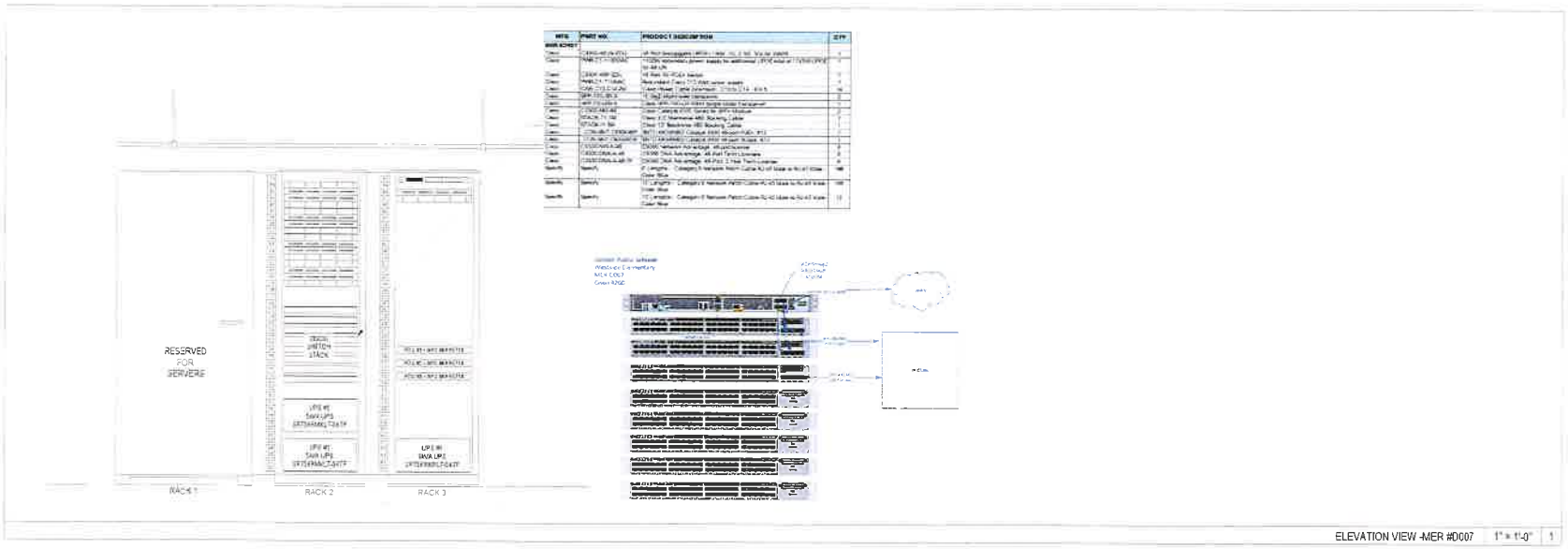
IT-103

CONSTRUCTION DOCUMENTS

MARCH 8, 2021



ELEVATION VIEW - TR1 #0104C 1" = 1'-0" 2



ELEVATION VIEW -MER #0007 1" = 1'-0" 1

NO	DATE	ISSUE

d'agostino associates

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PERKINS EASTMAN

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Acoustech
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Sustainability Consultant
Atelier Ten
750 Chapel Street
New Haven, CT 06510 (203) 777-1400

PROJECT TITLE
WEST SIDE ELEMENTARY SCHOOL
200 Brandegee Ave
Groton, CT 06340

STATE PROJECT NO. 059-0189N

PROJECT No. 74481

DRAWING TITLE
TECHNOLOGY EQUIPMENT ROOM LAYOUTS

SHEET
IT-200

CONSTRUCTION DOCUMENTS

MARCH 4, 2021

Attachment #4

CUTLER ELEMENTARY SCHOOL
160 Fishtown Road, Mystic, CT 06355
State Project # 059-0188N
PHASE 4 OF 4
DATE: 03/04/2021
TECHNOLOGY EQUIPMENT ESTIMATE

d'agostino & ASSOCIATES
Technology - Security - Audio Visual

BASE BID

	SYSTEM	ELIGIBLE	INELIGIBLE	TOTAL	PROCUREMENT
TE-01	LAN Network Switches	$ 106,052.14	$0.00	$ 106,052.14	State DAS #18PSX0202
TE-02	Wireless Access Points	$ 107,634.16	$0.00	$ 107,634.16	State DAS #18PSX0202
TE-03	Uninterrupted Power Supplies	$ 31,658.24	$0.00	$ 31,658.24	Public Bid
TE-04	Display Monitors	$ 40,479.00	$0.00	$ 40,479.00	State DAS #19PSX0015
TE-05	Charging Carts	$ 57,240.00	$0.00	$ 57,240.00	Public Bid
TE-06	Visitor Management System	$ 2,026.00	$ 100.00	$ 2,126.00	Direct from Manufacture
TE-07	Server	$ 6,500.00	$0.00	$ 6,500.00	Public Bid
TE-08	Cafeteria POS System	$ 6,931.00	$0.00	$ 6,931.00	Sole Source
	TOTALS	$ 358,520.54	$ 100.00	$ 358,620.54	

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021

Category TE-01 LAN Network Switches
Specifcation: 27 21 00

State DAS Contract #12PSX0202

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	MER #M105							
2	Cisco	C9200-48PXG-EDU	Cisco Catalyst 9200 Series 48 Port POE+ w/8 multigigabit	5	$ 3,952.39	$ 19,761.93	$0.00	$ 19,761.93
3	Cisco	PWR-C6-1KWAC	Redundant Cisco 1000 Watt power supply	5	$ 891.26	$ 4,456.31	$0.00	$ 4,456.31
4	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	10	$ 29.22	$ 292.25	$0.00	$ 292.25
5	Cisco	SFP-10G-SR-S=	10 GigE Multimode transceiver	2	$ 343.31	$ 686.62	$0.00	$ 686.62
6	Cisco	SFP-10G-LR	Cisco SFP-10G-LR 10km Single Mode transceiver	1	$ 1,946.73	$ 1,946.73	$0.00	$ 1,946.73
7	Cisco	C9200-NM-4x	1/10G 4x SFP+Module	3	$ 943.29	$ 2,829.87	$0.00	$ 2,829.87
8	Cisco	C9200-STACK-KIT	Cisco 9200 Stacking Kit consists of 2x adapters and 2x 50cm cables	5	$ 618.93	$ 3,094.67	$0.00	$ 3,094.67
9	Cisco	STACK T4-3M	Cisco 9200 Stacking cable 3m	1	$ 141.49	$ 141.49	$0.00	$ 141.49
10	Cisco	CON-SNT-C92008EU	3 year SmartNet Total Care 8x5xNBD for Catalyst 9200 48-port 8xmGig PoE+ K12	5	$ -	$ -	$0.00	$ -
11	Cisco	C9200-NW-A-48	C9200 Network Advantage, 48-port license	5	$ -	$ -	$0.00	$ -
12	Cisco	C9200-DNA-A-48	C9200 Cisco DNA Advatage, 48-port term license	5	$ -	$ -	$0.00	$ -
13	Cisco	C9200-DNA-A-48-3Y	C9200 Cisco DNA Advantage, 48-port 3 year license	5	$ 1,778.10	$ 8,890.52	$0.00	$ 8,890.52
14	Specify	Specify	6' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	114	$ 4.00	$ 456.00	$0.00	$ 456.00
15	Specify	Specify	10' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	114	$ 5.00	$ 570.00	$0.00	$ 570.00
16	Specify	Specify	15' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	12	$ 6.00	$ 72.00	$0.00	$ 72.00
17	IDF 0028							
18	Cisco	C9200-48PXG-EDU	Cisco Catalyst 9200 Series 48 Port POE+ w/8 multigigabit	8	$ 3,952.39	$ 31,619.08	$0.00	$ 31,619.08
19	Cisco	PWR-C6-1KWAC	Redundant Cisco 1000 Watt power supply	8	$ 891.26	$ 7,130.09	$0.00	$ 7,130.09
20	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	16	$ 29.22	$ 467.59	$0.00	$ 467.59
21	Cisco	SFP-10G-SR-S=	10 GigE Multimode transceiver	2	$ 343.31	$ 686.62	$0.00	$ 686.62
22	Cisco	C9200-NM-4x	1/10G 4x SFP+Module	2	$ 943.29	$ 1,886.58	$0.00	$ 1,886.58
23	Cisco	C9200-STACK-KIT	Cisco 9200 Stacking Kit consists of 2x adapters and 2x 50cm cables	8	$ 618.93	$ 4,951.47	$0.00	$ 4,951.47
24	Cisco	STACK T4-3M	Cisco 9200 Stacking cable 3m	1	$ 141.49	$ 141.49	$0.00	$ 141.49
25	Cisco	CON-SNT-C92008EU	3 year SmartNet Total Care 8x5xNBD for Catalyst 9200 48-port 8xmGig PoE+ K12	8	$ -	$ -	$0.00	$ -
26	Cisco	C9200-NW-E-48	C9200 Network Essentials, 48-port license	8	$ -	$ -	$0.00	$ -
27	Cisco	C9200-DNA-E-48	C9200 Cisco DNA Essentials, 48-Port Term Licenses	8	$ -	$ -	$0.00	$ -
28	Cisco	C9200-DNA-A-48-3Y	C9200 Cisco DNA Essentials, 48-port - 3 Year Term License	8	$ 1,778.10	$ 14,224.83	$0.00	$ 14,224.83
29	Specify	Specify	6' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	186	$ 4.00	$ 744.00	$0.00	$ 744.00
30	Specify	Specify	10' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	186	$ 5.00	$ 930.00	$0.00	$ 930.00
31	Specify	Specify	15' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	12	$ 6.00	$ 72.00	$0.00	$ 72.00
32				TOTAL		$ 106,052.14	$0.00	$ 106,052.14

State Project # 059-0188N
DATE: 03/04/2021

TE-02 Wireless Access Points
Specifcation: 27 21 33

State DAS Contract #12PSX0202

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Cisco	Cisco c9130axi-b-EDU	Cisco C9130AXI-B WiFi 6 Certified Access Point -Wi-Fi 6 Certified. 802.11ax -Up to 4 Radios - 5GHz flexible radio (single 8x8 or dual 4x4), 2.4GHz (4x4) -Uplink/Downlink OFDMA -Uplink/Downlink MU-MIMO -Flexible Radio Assignment -MultiGigabit Ethernet Support - Minimum Controller Software 8.10 -Internal omni antennas - 2.4Ghz 4dBi / 5Ghz 6dBi	56	$ 938.58	$ 52,560.25	$0.00	$ 52,560.25
2	Cisco	EDU-C9800-40-K9	Cisco Wireless Network Controller	1	$ 17,922.51	$ 17,922.51	$0.00	$ 17,922.51
3	Cisco	C9800-AC-750W-R=	Redundant Cisco 750 Watt power supply	1	$ 471.18	$ 471.18	$0.00	$ 471.18
4	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	2	$ 29.22	$ 58.45	$0.00	$ 58.45
5	Cisco	SFP-H10GB-ACU7M	Cisco 10GB SFP+ Active Twinax cable	4	$ 185.30	$ 741.21	$0.00	$ 741.21
6	Cisco	CON-3SNT-C913BIXI	3YR SmartNet TotalCare 8x5xNBD for Catalyst 9130ax series	56	$ 35.37	$ 1,980.84	$0.00	$ 1,980.84
7	Cisco	CON-3SNT-C98004kA	3YR SmartNet TotalCare 8x5xNBD for Catalyst 9800-40 wireless controller	1	$ 75.35	$ 75.35	$0.00	$ 75.35
8	Cisco	DNA-A-PROMO-3Y	3YR Cisco Digital Network Architecture EDU Advantage Wireless License	56	$ 165.08	$ 9,244.37	$0.00	$ 9,244.37
9	Oberon	1015-1313-C	Interior Wall Secure enclosure - In Gymnasium. 13 in. Hi-Bar™ Plastic Wi-Fi Access Point Lock Box with Translucent Door	4	$ 220.00	$ 880.00	$0.00	$ 880.00
10			Predictive Heat Map - Creation and deliverable	1	$ 4,000.00	$ 4,000.00	$0.00	$ 4,000.00
11			Active Heat Map - Creation and deliverable	1	$ 4,000.00	$ 4,000.00	$0.00	$ 4,000.00
12			*Installation & Configuration Services for all above*	1	$ 15,700.00	$ 15,700.00	$0.00	$ 15,700.00
13				TOTAL		$ 107,634.16	$0.00	$ 107,634.16

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021

TE-03 Uninterrupted Power Supplies

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	APC	SRT5KRMXLT-5KTF	APC Smart-UPS SRT 5000VA RM 208V to 120V 2U Step-Down Transformer	5	$ 4,045.80	$ 20,229.02	$0.00	$ 20,229.02
2	APC	SRTRK2	APC Smart-UPS SRT 19" Rail Kit for Smart-UPS SRT 5/6/8/10kVA	5	$ 137.84	$ 689.22	$0.00	$ 689.22
3	APC	AP9630	UPS Network Management Card 2 - Remote monitoring and control of an individual UPS	2	$ 239.00	$ 478.00	$0.00	$ 478.00
4	APC	AP9631	UPS Network Management Card with PowerChute Network Shutdown & Env Monitoring	3	$ 439.00	$ 1,317.00	$0.00	$ 1,317.00
5	APC	AP9335TH	Temperature & Humidity Sensor	2	$ 160.00	$ 320.00	$0.00	$ 320.00
6	APC	AP9571A	PDU - 208V, 1 RU - - (1 per UPS for this Switch Stack)	5	$ 225.00	$ 1,125.00	$0.00	$ 1,125.00
7			*Installation & Configuration Services for all above*	1	$ 7,500.00	$ 7,500.00	$0.00	$ 7,500.00
8				TOTAL		$ 31,658.24	$0.00	$ 31,658.24

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021

TE-04 Display Monitors

State DAS Contract #19PSX0015

BASE BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Samsung	QE55T	Monitor - 55" Display	6	$ 1,100.00	$6,600.00	$0.00	$6,600.00
2	Samsung	QE65T	Monitor - 65" Display	4	$ 1,250.00	$5,000.00	$0.00	$5,000.00
3	Samsung	QE70T	Monitor - 70" Display	0	$ 1,700.00	$0.00	$0.00	$0.00
4	Samsung	QM85N	Monitor - 85" Display	1	$ 7,100.00	$7,100.00	$0.00	$7,100.00
5	Samsung	MagicInfo Lite	Remote Management	1	$ 120.00	$120.00	$0.00	$120.00
6	HP	Chromebox G2	HP Chromebox G2 w/Intel Core i7-8650U or higher	11	$ 375.00	$4,125.00	$0.00	$4,125.00
7	Specify	Specify	HDMI Cable between Chromebox and Monitor	11	$ 12.00	$132.00	$0.00	$132.00
8	Chief	XTM1U	Wall Mount for Monitors	11	$ 650.00	$7,150.00	$0.00	$7,150.00
9	Oeveo	MMMM-001	Mini PC Mount - Mount Chromebox to monitors - OR approved Alternate	11	$ 32.00	$352.00	$0.00	$352.00
10	As Required	As Required	Installation of Above	11	$ 900.00	$9,900.00	$0.00	$9,900.00
11				TOTAL		$ 40,479.00	$ -	$ 40,479.00

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021
TE-05 Charging Carts

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Lock n Charge	10203	Revolution™ 32 Charging Cabinet	24	$2,385.00	$57,240.00	$0.00	$57,240.00
2				TOTAL		$ 57,240.00	$ -	$ 57,240.00

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021
TE-06 Visitor Management System

Direct from Manufacture

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Raptor	Raptor Visitor Management	Raptor Visitor Management - Software Access Fee (per site license). Renewal fee is due on the anniversary month of purchase. Raptor technical support is included	1	$ 595.00	$ 595.00	$0.00	$ 595.00
2	Raptor	CR5400 ID Scanner	ID scanner for state issued identification cards -- 2 year limited warranty.	1	$ 495.00	$ 495.00	$0.00	$ 495.00
3	Raptor	As Required	Implementation Fee	1	$ 350.00	$ 350.00	$0.00	$ 350.00
4	Raptor	RaptorLink Writeback (PowerSchool)	Annual Software Access Fee (per Visitor Management subscription). Enables the sync of daily student tardy data collected by Raptor into PowerSchool.	1	$ 225.00	$ 225.00	$0.00	$ 225.00
5	Raptor	Dymo 450	Twin Turbo Label Printer - Badge printer for dual printing-- 2 year limited warranty.	1	$ 200.00	$ 200.00	$0.00	$ 200.00
6	Raptor	Remote Setup	Remote web- and phone-based setup (per location).	1	$ 125.00	$ 125.00	$0.00	$ 125.00
7	Raptor	Raptor Visitor Badges (White) Box	Raptor visitor badges (4 rolls/300 badges per roll). Quality guaranteed for one (1) year after purchase date.	1	$ 50.00	$0.00	$50.00	$ 50.00
8	Raptor	Raptor Student Tardy Passes Box	Raptor student tardy passes (4 rolls/1200 count, 300 badges per roll). Quality guaranteed for one (1) year after purchase date.	1	$ 50.00	$0.00	$50.00	$ 50.00
9	Raptor		Shipping and Handling Fee	1	$ 36.00	$ 36.00	$0.00	$ 36.00
10				TOTAL		$ 2,026.00	$ 100.00	$ 2,126.00

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	DELL	PE_R640_TM	Power Edge R640	1	$ 6,500.00	$ 6,500.00	$0.00	$ 6,500.00

Order Code: PE_R640_TM

Option	Selection	SKU/Product Code	Quantity
PowerEdge R640	PowerEdge R640 Server	210-AKWU	1
Trusted Platform Module	No Trusted Platform Module	461-AADZ	1
Chassis Configuration	2.5" Chassis with up to 10 Hard Drives and 3PCIe slots	321-BCQL	1
Shipping Material	PowerEdge R640 x4 and x10 Drive Shipping Material	340-COPR	1
Regulatory	PowerEdge R640 CE, CCC, BIS Marking	389-DSVE	1
Processor	Intel® Xeon® Gold 6242R 3.1G, 20C/40T, 10.4GT/s, 35.75M Cache, Turbo, HT (205W) DDR4-2933	338-BVKL	1
Additional Processor	No Additional Processor	374-BBBX	1
Processor Thermal Configuration	Performance Heat Sink for 1 CPU	370-ADNM, 370-ADPF, 412-AAIP	1
Memory DIMM Type and Speed	3200MT/s RDIMMs	370-AEVR	1
Memory Configuration Type	Performance Optimized	370-AAIP	1
Memory Capacity	64GB RDIMM, 3200MT/s, Dual Rank	370-AEVP	1
RAID Configuration	C3, RAID 1 for 2 HDDs or SSDs (Matching Type/Speed/Capacity)	780-BCDN	1
RAID/Internal Storage Controllers	PERC H740P RAID Controller, 8GB NV Cache, Minicard	405-AAMS	1
Hard Drives	480GB SSD SAS Mixed use 12Gbps 512e 2.5in Hot-Plug PM5-V Drive, 3 DWPD, 2628 TBW	400-BCQG	2
Operating System	No Operating System	619-ABVR	1
OS Media Kits	No Media Required	421-5736	1
Embedded Systems Management	iDRAC9,Enterprise	385-BBKT	1
Group Manager	iDRAC Group Manager, Disabled	379-BCQY	1
Password	iDRAC,Factory Generated Password	379-BCSF	1
PCIe Riser	Riser Config 4, 2x16 LP	330-BBGY	1
Network Daughter Card	Intel X710 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE, rNDC	555-BCKO	1
Optics & Cables for Network Cards	Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax	470-AAGR	2

	Direct Attach Cable, 5 Meter		
IDSDM and VFlash Card Reader	IDSDM and Combo Card Reader	385-BBLE	1
Internal SD Module	2x 32GB microSDHC/SDXC Card	385-BBCF, 385-BBKH, 385-BBKH	1
Internal Optical Drive	No Internal Optical Drive for 10 or 24 HDD Chassis	429-AAIQ	1
Fans	8 Performance Fans for R640	384-BBQI	1
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	1
Power Cords	NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	450-AALV	2
Bezel	Standard Bezel for x10 chassis	325-BCHH, 350-BBJT	1
Quick Sync 2 (At-the-box mgmt)	No Quick Sync	350-BBKB	1
BIOS and Advanced System Configuration Settings	Performance BIOS Setting	384-BBBL	1
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition	800-BBDM	1
Rack Rails	ReadyRails™ Sliding Rails Without Cable Management Arm	770-BBBC	1
System Documentation	No Systems Documentation, No OpenManage DVD Kit	631-AACK	1
Remote Consulting Services	Declined Remote Consulting Service	973-2426	1
Dell Services: Hardware Support	3 Years Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite	813-9254, 813-9255	1
Deployment Services	No Installation	900-9997	1

				QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
2				TOTAL		$ 6,500.00	$ -	$ 6,500.00

CUTLER ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0188N
DATE: 03/04/2021
TE-08 Cafeteria POS System

Direct from Manufacture

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Horizon Software Itnl	19-27094	CZ Series 15" Sero Bezewl Intel i5 AIO Terminals 8GB, Wi-Fi & Bluetooth, Cat 5 Cables.	3	$ 1,925.00	$ 5,775.00	$0.00	$ 5,775.00
2	Horizon Software Itnl	19-15705	Horizon USB Pin Pad w/Tactiule Keyboard & 3 Year warranty (Replaced 16-15507)	3	$ 295.00	$ 885.00	$0.00	$ 885.00
3	Horizon Software Itnl	19-223	Manual Cash Drawer - 5 Bill 8 Coin Large (3.94" x 15.2" x 18)	2	$ 170.00	$ 340.00	$0.00	$ 340.00
4	Horizon Software Itnl	19-559	550 VA UPS	3	$ 90.00	$ 270.00	$0.00	$ 270.00
5	Horizon Software Itnl		Hardware Discount	1	-$ 497.00	-$ 497.00	$0.00	-$ 497.00
6			Shipping	1	$ 158.00	$ 158.00	$0.00	$ 158.00
7				TOTAL		$ 6,931.00	$ -	$ 6,931.00

Attachment #5

WESTSIDE ELEMENTARY SCHOOL
250 Brandegee Avenue, Groton, CT 06340
State Project # 059-0189N
PHASE 4 OF 4
DATE: 03/04/2021
TECHNOLOGY EQUIPMENT ESTIMATE

d'agostino & ASSOCIATES
Technology - Security - Audio Visual

BASE BID

	SYSTEM	ELIGIBLE	INELIGIBLE	TOTAL	PROCUREMENT
TE-01	LAN Network Switches	$ 106,052.14	$0.00	$ 106,052.14	State DAS #18PSX0202
TE-02	Wireless Access Points	$ 125,629.29	$0.00	$ 125,629.29	State DAS #18PSX0202
TE-03	Uninterrupted Power Supplies	$ 31,658.24	$0.00	$ 31,658.24	Public Bid
TE-04	Display Monitors	$ 44,148.00	$0.00	$ 44,148.00	State DAS #19PSX0015
TE-05	Charging Carts	$ 52,470.00	$0.00	$ 52,470.00	Public Bid
TE-06	Visitor Management System	$ 2,026.00	$ 100.00	$ 2,126.00	Direct from Manufacture
TE-07	Server	$ 6,500.00	$0.00	$ 6,500.00	Public Bid
TE-08	Cafeteria POS System	$ 6,931.00	$0.00	$ 6,931.00	Sole Source
	TOTAL	$ 375,414.67	$ 100.00	$ 375,514.67	

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021

Category TE-01 LAN Network Switches
Specifcation: 27 21 00

State DAS Contract #12PSX0202

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	MER #D007							
2	Cisco	C9200-48PXG-EDU	Cisco Catalyst 9200 Series 48 Port POE+ w/8 multigigabit ports	8	$ 3,952.39	$ 31,619.08	$0.00	$ 31,619.08
3	Cisco	PWR-C6-1KWAC	Redundant Cisco 1000 Watt power supply	8	$ 891.26	$ 7,130.09	$0.00	$ 7,130.09
4	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	16	$ 29.22	$ 467.59	$0.00	$ 467.59
5	Cisco	SFP-10G-SR-S	10 GigE Multimode transceiver	2	$ 343.31	$ 686.62	$0.00	$ 686.62
6	Cisco	SFP-10G-ER-S	Cisco SFP-10G-LR 40km Single Mode transceiver	1	$ 1,946.73	$ 1,946.73	$0.00	$ 1,946.73
7	Cisco	C9200-NM-4x	1/10G 4x SFP+Module	3	$ 943.29	$ 2,829.87	$0.00	$ 2,829.87
8	Cisco	C9200-STACK-KIT	Cisco 9200 Stacking Kit consists of 2x adapters and 2x 50cm cables	8	$ 618.93	$ 4,951.47	$0.00	$ 4,951.47
9	Cisco	STACK T4-3M	Cisco 9200 Stacking cable 3m	1	$ 141.49	$ 141.49	$0.00	$ 141.49
10	Cisco	CON-SNT-C92008EU	3 year SmartNet Total Care 8x5xNBD for Catalyst 9200 48-port 8xmGig PoE+ K12	8	$ -	$ -	$0.00	$ -
11	Cisco	C9200-NW-A-48	C9200 Network Advantage, 48-port license	8	$ -	$ -	$0.00	$ -
12	Cisco	C9200-DNA-A-48	C9200 Cisco DNA Advatage, 48-port term license	8	$ -	$ -	$0.00	$ -
13	Cisco	C9200-DNA-A-48-3Y	C9200 Cisco DNA Advantage, 48-port 3 year license	8	$ 1,778.10	$ 14,224.83	$0.00	$ 14,224.83
14	Specify	Specify	6' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	186	$ 4.00	$ 744.00	$0.00	$ 744.00
15	Specify	Specify	10' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	186	$ 5.00	$ 930.00	$0.00	$ 930.00
16	Specify	Specify	15' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	12	$ 6.00	$ 72.00	$0.00	$ 72.00
17	IDF #D104C							
18	Cisco	C9200-48PXG-EDU	Cisco Catalyst 9200 Series 48 Port POE+ w/8 multigigabit ports	5	$ 3,952.39	$ 19,761.93	$0.00	$ 19,761.93
19	Cisco	PWR-C6-1KWAC	Redundant Cisco 1000 Watt power supply	5	$ 891.26	$ 4,456.31	$0.00	$ 4,456.31
20	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	10	$ 29.22	$ 292.25	$0.00	$ 292.25
21	Cisco	SFP-10G-SR-S	10 GigE Multimode transceiver	2	$ 343.31	$ 686.62	$0.00	$ 686.62
22	Cisco	C9200-NM-4x	1/10G 4x SFP+Module	2	$ 943.29	$ 1,886.58	$0.00	$ 1,886.58
23	Cisco	C9200-STACK-KIT	Cisco 9200 Stacking Kit consists of 2x adapters and 2x 50cm cables	5	$ 618.93	$ 3,094.67	$0.00	$ 3,094.67
24	Cisco	STACK T4-3M	Cisco 9200 Stacking cable 3m	1	$ 141.49	$ 141.49	$0.00	$ 141.49
25	Cisco	CON-SNT-C92008EU	3 year SmartNet Total Care 8x5xNBD for Catalyst 9200 48-port 8xmGig PoE+ K12	5	$ -	$ -	$0.00	$ -
26	Cisco	C9200-NW-E-48	C9200 Network Essentials, 48-port license	5	$ -	$ -	$0.00	$ -
27	Cisco	C9200-DNA-E-48	C9200 Cisco DNA Essentials, 48-Port Term Licenses	5	$ -	$ -	$0.00	$ -
28	Cisco	C9200-DNA-A-48-3Y	C9200 Cisco DNA Essentials, 48-port - 3 Year Term License	5	$ 1,778.10	$ 8,890.52	$0.00	$ 8,890.52
29	Specify	Specify	6' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	114	$ 4.00	$ 456.00	$0.00	$ 456.00
30	Specify	Specify	10' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	114	$ 5.00	$ 570.00	$0.00	$ 570.00
31	Specify	Specify	15' Lengths - Category 6 Network Patch Cable RJ-45 Male to RJ-45 Male - Color Blue.	12	$ 6.00	$ 72.00	$0.00	$ 72.00
32				TOTAL		$ 106,052.14	$0.00	$ 106,052.14

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021

TE-02 Wireless Access Points
Specifcation: 27 21 33

State DAS Contract #12PSX0202

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Cisco	Cisco c9130axi-b-EDU	Cisco C9130AXI-B WiFi 6 Certified Access Point -Wi-Fi 6 Certified. 802.11ax -Up to 4 Radios - 5GHz flexible radio (single 8x8 or dual 4x4), 2.4GHz (4x4) -Uplink/Downlink OFDMA -Uplink/Downlink MU-MIMO -Flexible Radio Assignment -MultiGigabit Ethernet Support - Minimum Controller Software 8.10 -Internal omni antennas - 2.4Ghz 4dBi / 5Ghz 6dBi	61	$ 938.58	$ 57,253.13	$0.00	$ 57,253.13
2	Cisco	EDU-C9800-40-K9	Cisco Wireless Network Controller	1	$ 17,922.51	$ 17,922.51	$0.00	$ 17,922.51
3	Cisco	C9800-AC-750W-R=	Redundant Cisco 750 Watt power supply	1	$ 471.18	$ 471.18	$0.00	$ 471.18
4	Cisco	CAB-C13-C14-2M	Cisco Power Cable Extension - C13 to C14 - 6.6 ft	2	$ 29.22	$ 58.45	$0.00	$ 58.45
5	Cisco	SFP-H10GB-ACU7M	Cisco 10GB SFP+ Active Twinax cable	4	$ 185.30	$ 741.21	$0.00	$ 741.21
6	Cisco	CON-3SNT-C913BIXI	3YR SmartNet TotalCare 8x5xNBD for Catalyst 9130ax series	61	$ 35.37	$ 2,157.70	$0.00	$ 2,157.70
7	Cisco	CON-3SNT-C98004kA	3YR SmartNet TotalCare 8x5xNBD for Catalyst 9800-40 wireless controller	1	$ 75.35	$ 75.35	$0.00	$ 75.35
8	Cisco	DNA-A-PROMO-3Y	3YR Cisco Digital Network Architecture EDU Advantage Wireless License	61	$ 165.08	$ 10,069.76	$0.00	$ 10,069.76
9	Oberon	1015-1313-C	Interior Wall Secure enclosure - In Gymnasium. 13 in. Hi-Bar™ Plastic Wi-Fi Access Point Lock Box with Translucent Door	4	$ 220.00	$ 880.00	$0.00	$ 880.00
10			Predictive Heat Map - Creation and deliverable	1	$ 4,000.00	$ 4,000.00	$0.00	$ 4,000.00
11			Active Heat Map - Creation and deliverable	1	$ 4,000.00	$ 4,000.00	$0.00	$ 4,000.00
12			*Installation & Configuration Services for all above*	1	$ 28,000.00	$ 28,000.00	$0.00	$ 28,000.00
13				TOTAL		$ 125,629.29	$0.00	$ 125,629.29

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021
TE-03 Uninterrupted Power Supplies

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	APC	SRT5KRMXLT-5KTF	APC Smart-UPS SRT 5000VA RM 208V to 120V 2U Step-Down Transformer	5	$ 4,045.80	$ 20,229.02	$0.00	$ 20,229.02
2	APC	SRTRK2	APC Smart-UPS SRT 19" Rail Kit for Smart-UPS SRT 5/6/8/10kVA	5	$ 137.84	$ 689.22	$0.00	$ 689.22
3	APC	AP9630	UPS Network Management Card 2 - Remote monitoring and control of an individual UPS	2	$ 239.00	$ 478.00	$0.00	$ 478.00
4	APC	AP9631	UPS Network Management Card with PowerChute Network Shutdown & Env Monitoring	3	$ 439.00	$ 1,317.00	$0.00	$ 1,317.00
5	APC	AP9335TH	Temperature & Humidity Sensor	2	$ 160.00	$ 320.00	$0.00	$ 320.00
6	APC	AP9571A	PDU - 208V, 1 RU - - (1 per UPS for this Switch Stack)	5	$ 225.00	$ 1,125.00	$0.00	$ 1,125.00
7			*Installation & Configuration Services for all above*	1	$ 7,500.00	$ 7,500.00	$0.00	$ 7,500.00
8				TOTAL		$ 31,658.24	$0.00	$ 31,658.24

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021

TE-04 Display Monitors

State DAS Contract #19PSX0015

BASE BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Samsung	QE55T	Monitor - 55" Display	6	$ 1,100.00	$6,600.00	$0.00	$6,600.00
2	Samsung	QE65T	Monitor - 65" Display	4	$ 1,250.00	$5,000.00	$0.00	$5,000.00
3	Samsung	QE70T	Monitor - 70" Display	1	$ 1,700.00	$1,700.00	$0.00	$1,700.00
4	Samsung	QM85N	Monitor - 85" Display	1	$ 7,100.00	$7,100.00	$0.00	$7,100.00
5	Samsung	MagicInfo Lite	Remote Management	1	$ 120.00	$120.00	$0.00	$120.00
6	HP	Chromebox G2	HP Chromebox G2 w/Intel Core i7-8650U or higher	12	$ 375.00	$4,500.00	$0.00	$4,500.00
7	Specify	Specify	HDMI Cable between Chromebox and Monitor	12	$ 12.00	$144.00	$0.00	$144.00
8	Chief	XTM1U	Wall Mount for Monitors	12	$ 650.00	$7,800.00	$0.00	$7,800.00
9	Oeveo	MMMM-001	Mini PC Mount - Mount Chromebox to monitors - OR approved Alternate	12	$ 32.00	$384.00	$0.00	$384.00
10	As Required	As Required	Installation of Above	12	$ 900.00	$10,800.00	$0.00	$10,800.00
11				TOTAL		$ 44,148.00	$ -	$ 44,148.00

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021
TE-05 Charging Carts

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Lock n Charge	10203	Revolution™ 32 Charging Cabinet	22	$2,385.00	$52,470.00	$0.00	$52,470.00
2				TOTAL		$ 52,470.00	$ -	$ 52,470.00

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021

TE-06 Visitor Management System

Direct from Manufacture

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Raptor	Raptor Visitor Management	Raptor Visitor Management - Software Access Fee (per site license). Renewal fee is due on the anniversary month of purchase. Raptor technical support is included	1	$ 595.00	$ 595.00	$0.00	$ 595.00
2	Raptor	CR5400 ID Scanner	ID scanner for state issued identification cards -- 2 year limited warranty.	1	$ 495.00	$ 495.00	$0.00	$ 495.00
3	Raptor	As Required	Implementation Fee	1	$ 350.00	$ 350.00	$0.00	$ 350.00
4	Raptor	RaptorLink Writeback (PowerSchool)	Annual Software Access Fee (per Visitor Management subscription). Enables the sync of daily student tardy data collected by Raptor into PowerSchool.	1	$ 225.00	$ 225.00	$0.00	$ 225.00
5	Raptor	Dymo 450	Twin Turbo Label Printer - Badge printer for dual printing-- 2 year limited warranty.	1	$ 200.00	$ 200.00	$0.00	$ 200.00
6	Raptor	Remote Setup	Remote web- and phone-based setup (per location).	1	$ 125.00	$ 125.00	$0.00	$ 125.00
7	Raptor	Raptor Visitor Badges (White) Box	Raptor visitor badges (4 rolls/300 badges per roll). Quality guaranteed for one (1) year after purchase date.	1	$ 50.00	$0.00	$50.00	$ 50.00
8	Raptor	Raptor Student Tardy Passes Box	Raptor student tardy passes (4 rolls/1200 count, 300 badges per roll). Quality guaranteed for one (1) year after purchase date.	1	$ 50.00	$0.00	$50.00	$ 50.00
9	Raptor		Shipping and Handling Fee	1	$ 36.00	$ 36.00	$0.00	$ 36.00
10				TOTAL		$ 2,026.00	$ 100.00	$ 2,126.00

Public BID

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	DELL	PE_R640_TM	Power Edge R640	1	$ 6,500.00	$ 6,500.00	$0.00	$ 6,500.00

Order Code: PE_R640_TM

Option	Selection	SKU/Product Code	Quantity
PowerEdge R640	PowerEdge R640 Server	210-AKWU	1
Trusted Platform Module	No Trusted Platform Module	461-AADZ	1
Chassis Configuration	2.5" Chassis with up to 10 Hard Drives and 3PCIe slots	321-BCQL	1
Shipping Material	PowerEdge R640 x4 and x10 Drive Shipping Material	340-COPR	1
Regulatory	PowerEdge R640 CE, CCC, BIS Marking	389-DSVE	1
Processor	Intel® Xeon® Gold 6242R 3.1G, 20C/40T, 10.4GT/s, 35.75M Cache, Turbo, HT (205W) DDR4-2933	338-BVKL	1
Additional Processor	No Additional Processor	374-BBBX	1
Processor Thermal Configuration	Performance Heat Sink for 1 CPU	370-ADNM, 370-ADPF, 412-AAIP	1
Memory DIMM Type and Speed	3200MT/s RDIMMs	370-AEVR	1
Memory Configuration Type	Performance Optimized	370-AAIP	1
Memory Capacity	64GB RDIMM, 3200MT/s, Dual Rank	370-AEVP	1
RAID Configuration	C3, RAID 1 for 2 HDDs or SSDs (Matching Type/Speed/Capacity)	780-BCDN	1
RAID/Internal Storage Controllers	PERC H740P RAID Controller, 8GB NV Cache, Minicard	405-AAMS	1
Hard Drives	480GB SSD SAS Mixed use 12Gbps 512e 2.5in Hot-Plug PM5-V Drive, 3 DWPD, 2628 TBW	400-BCQG	2
Operating System	No Operating System	619-ABVR	1
OS Media Kits	No Media Required	421-5736	1
Embedded Systems Management	iDRAC9,Enterprise	385-BBKT	1
Group Manager	iDRAC Group Manager, Disabled	379-BCQY	1
Password	iDRAC,Factory Generated Password	379-BCSF	1
PCIe Riser	Riser Config 4, 2x16 LP	330-BBGY	1
Network Daughter Card	Intel X710 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE, rNDC	555-BCKO	1
Optics & Cables for Network Cards	Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 5 Meter	470-AAGR	2

IDSDM and VFlash Card Reader	IDSDM and Combo Card Reader	385-BBLE	1
Internal SD Module	2x 32GB microSDHC/SDXC Card	385-BBCF, 385-BBKH, 385-BBKH	1
Internal Optical Drive	No Internal Optical Drive for 10 or 24 HDD Chassis	429-AAIQ	1
Fans	8 Performance Fans for R640	384-BBQI	1
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	1
Power Cords	NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	450-AALV	2
Bezel	Standard Bezel for x10 chassis	325-BCHH, 350-BBJT	1
Quick Sync 2 (At-the-box mgmt)	No Quick Sync	350-BBKB	1
BIOS and Advanced System Configuration Settings	Performance BIOS Setting	384-BBBL	1
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition	800-BBDM	1
Rack Rails	ReadyRails™ Sliding Rails Without Cable Management Arm	770-BBBC	1
System Documentation	No Systems Documentation, No OpenManage DVD Kit	631-AACK	1
Remote Consulting Services	Declined Remote Consulting Service	973-2426	1
Dell Services: Hardware Support	3 Years Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite	813-9254, 813-9255	1
Deployment Services	No Installation	900-9997	1

				QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
2				TOTAL		$ 6,500.00	$ -	$ 6,500.00

WESTSIDE ELEMENTARY SCHOOL - Phase 4 of 4
State Project # 059-0189N
DATE: 03/04/2021

TE-08 Cafeteria POS System

Direct from Manufacture

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY	UNIT PRICE	ELIGIBLE	INELIGIBLE	TOTAL
1	Horizon Software Itnl	19-27094	CZ Series 15" Sero Bezewl Intel i5 AIO Terminals 8GB, Wi-Fi & Bluetooth, Cat 5 Cables.	3	$ 1,925.00	$ 5,775.00	$0.00	$ 5,775.00
2	Horizon Software Itnl	19-15705	Horizon USB Pin Pad w/Tactiule Keyboard & 3 Year warranty (Replaced 16-15507)	3	$ 295.00	$ 885.00	$0.00	$ 885.00
3	Horizon Software Itnl	19-223	Manual Cash Drawer - 5 Bill 8 Coin Large (3.94" x 15.2" x 18)	2	$ 170.00	$ 340.00	$0.00	$ 340.00

Attachment #6

Groton Public Schools
DOD Supplemental Impact Aid
As of 02/11/2021

	Actual	Actual	Estimated	Budget	
	FY2019	FY2020	FY2021	**FY2022**	**Comments**
Beginning Balance	943,228.92	1,020,484.84	1,112,084.69	1,327,036.02	
Amount Received	275,815.29	387,334.53	461,185.39	260,000.00	estimated
Expenditures					
IT					
Chromebooks	(130,755.00)	(295,734.68)	(16,400.00)	0.00	
Software	0.00	0.00	(173,834.06)	(324,436.00)	Charge operational software costs
Projection Devices	(10,500.00)	0.00	0.00	0.00	
IT Equipment	(36,738.37)	0.00	0.00	(262,600.00)	Instructional equip per IT budget
Other					
CABE Dues	(20,566.00)	0.00	0.00	0.00	
Tennis Court overage	0.00	0.00	(56,000.00)	0.00	
Total Expenditures	(198,559.37)	(295,734.68)	(246,234.06)	(587,036.00)	
Ending Balance	1,020,484.84	1,112,084.69	1,327,036.02	1,000,000.00	
Target balance	1,000,000	1,000,000	1,000,000	1,000,000	