GROTON BOARD OF EDUCATION
SPECIAL MEETING
MARCH 30, 2026 @ 6:00 P.M.
FITCH HIGH SCHOOL, MEDIA CENTER

MEMBERS PRESENT: Beverly Washington – Chairperson, Adrian Johnson – Vice Chairperson, Andrea Ackerman (remote), Mitch Shinbrot (remote), Ian Thomas, Jennifer White, Michael Whitney

MEMBERS ABSENT: Sean Corcoran, Jay Weitlauf

ALSO PRESENT: Susan Austin, Anne Marie Mancini, Clint Kennedy, Sam Kilpatrick Shannon Weigle

I. CALL TO ORDER – Mrs. Beverly Washington, Chairperson, called the meeting to order at 6:05 p.m.

II. Discussion and possible action regarding approval of the final plans, project manual(s), and professional cost estimate for the Charles Barnum Roof Replacement project (Attachment #1)

Tanya Cutolo, architect from Silver Petrucelli, gave an overview of the project.

Jen White asked what were the next steps. Ms. Cutolo responded:

- The project would be put out to bid in May
- The project would be advertised
- Schedule the work hopefully when school is out

MOTION: White, Whitney:
To approve the final plans and project manuals(s) as prepared for bidding and dated March 2, 2026, and the professional cost estimate, completed in accordance with Level 3 of ASTM International Standard E1557, Standard Classification of Building Elements and Related Sitework-UNIFORMAT II for the Charles Barnum Roof Replacement project, dated March 2, 2026.
PASSED - UNANIMOUSLY

III. Follow-up of the Robotics Manufacturing (DREAM) Plan (Attachment #2)

Lori Ferguson, Project Manager, noted that they would be purchasing 2 machines. She reviewed the updated blueprint for the Robotics and the Manufacturing classes.

Mr. Shinbrot left the meeting at 7:37 p.m.

At 7:38 p.m. the Board took a tour of the space for the Robotics and Manufacturing programs.

Mrs. Washington noted that the Board will vote on this item at its Regular meeting on April 27, 2026.

IV. Adjournment

MOTION: Ackerman, White: The meeting adjourned at 8:12 p.m.
PASSED - UNANIMOUSLY

PROJECT NAME:

ROOF REPLACEMENT AT:

CHARLES BARNUM ELEMENTARY SCHOOL

68 BRIAR HILL ROAD.
GROTON, CONNECTICUT 06340

PROJECT LOCATION:



DRAWING LIST

COVER SHEET

CODE:
C1 CODE INFORMATION

ARCHITECTURAL:
A1 ROOF PLAN
A2 ROOF DETAILS

ARCHITECT
SILVER PETRUCELLI & ASSOC.
3190 WHITNEY AVENUE, HAMDEN CT 06518
311 STATE STREET NEW LONDON, CT 06320
PHONE 203 230 9007 silverpetrucelli.com

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BUILDING INSPECTOR | FIRE MARSHAL | SANITARIAN/ HEALTH INSPECTOR | ADA/504 COORDINATOR

OFFICIALS:

CONSTRUCTION DOCUMENT SUBMISSION: 03/02/2026

STATE PROJECT 059-0192 RR

CODE INFORMATION

DATE OF ORIGINAL CONSTRUCTION: XX
DATE OF ADDITION:

1. GROUP CLASSIFICATION (CHAPTER 3)
   (PRIMARY): E-EDUCATIONAL
   (INCIDENTAL): A3-ASSEMBLY

2. CONSTRUCTION TYPE (CHAPTER 6)
   MINIMUM TYPE REQUIRED: 2B
   ACTUAL TYPE PROVIDED (EXISTING): --
   (NEW): 2B

3. BUILDING HEIGHT (CHAPTER 5)
   ALLOWABLE HEIGHT (STORY/FEET): 3/75'-0"
   ACTUAL HEIGHT (STORY/FEET): 1/50'-0"
   (STORIES ABOVE GRADE): 2

4. BUILDING AREA (CHAPTER 5)

A) BUILDING AREA (FIRST)

EXISTING CONSTRUCTION	30,600	sq.ft.
NEW CONSTRUCTION	0	sq.ft.
TOTAL FLOOR	30,600	sq.ft.

B) BUILDING AREA (SECOND)

EXISTING CONSTRUCTION	0	sq.ft.
NEW CONSTRUCTION	0	sq.ft.
TOTAL FLOOR	0	sq.ft.

TOTAL (ALL FLOORS): 30,600 sq.ft.

5. AREA MODIFICATIONS TO TABLE 503 (FOR EACH SEPARATE BUILDING AS DEFINED BY FIRE WALLS AND/OR EXTERIOR WALLS)
   NA

6. CASE 1 - SINGLE OCCUPANCY OR NONSEPARATED USES (302.3.1)
   (ALLOWABLE AREA 506.4)
   NA

7. CASE 2 - MIXED OCCUPANCY SEPARATED USES (302.3.2)
   (ALLOWABLE AREA 506.4)
   NA

8. FIRE-RESISTANCE RATED REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601, SEE CODE PLANS FOR SPECIFIC DESIGNATIONS)

1 STRUCTURAL FRAME; INCLUDING COLUMNS, GIRDERS, TRUSSES	0	Hr(s)
2 BEARING WALLS: EXTERIOR (TABLE 602)	0/1	Hr(s)
INTERIOR	0	Hr(s)
3 NONBEARING WALLS & PARTITIONS EXTERIOR (TABLE 602)	0/1	Hr(s)
4 NONBEARING WALLS & PARTITIONS INTERIOR	0	Hr(s)
5 FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS & JOISTS)	0	Hr(s)
6 ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS & JOISTS)	0	Hr(s)

9. OCCUPANCY LOAD

DESIGN TOTAL FOR BASEMENT	NA
TOTAL EXIT CAPACITY FOR BASEMENT	NA
DESIGN TOTAL FOR FIRST FLOOR	NA
TOTAL EXIT CAPACITY FOR FIRST FLOOR	NA
DESIGN TOTAL FOR BUILDING	NA
TOTAL EXIT CAPACITY FOR BUILDING	NA

10. MODIFICATIONS

	APPROVED	NOT APPROVED
	APPROVED	NOT APPROVED
	APPROVED	NOT APPROVED

11. ACCESSIBLE BUILDING: X DESIGNATED / NON DESIGNATED

12. MINIMUM PLUMBING FIXTURE COUNT (I.P.C. CHAPTER 4)
    FOR EACH TYPE OF OCCUPANCY PER ENTIRE FACILITY

GROUP "A3" OCCUPANCY
(DESIGN LOAD = NA)

	REQUIRED	PROVIDED
W/C MALE	NA	NA
W/C FEMALE	NA	NA
LAVS	NA	NA
D/F	NA	NA
W/C UNISEX	NA	NA
LAVS UNISEX	NA	NA

GROUP "E" OCCUPANCY,
(DESIGN LOAD = NA)

W/C	NA	NA
LAVS	NA	NA
D/F	NA	NA

(TOTAL DESIGN LOAD FOR ENTIRE FACILITY = NA)

13. ENTIRE BUILDINGS SPRINKLERED: YES ; NO X

14. THRESHOLD BUILDING CONDITIONS: YES ; NO X

15. CODES TO WHICH THIS PROJECT WAS DESIGNED

State Building Code	2021 IBC CTSBC/2022 AMEND.
State Mechanical Code	2017 ICC
State Plumbing Code	2015 IPC
State Energy Conservation Code	2015 IECC
State Electrical Code	2020 NFPA 70
State Health Code	MOST CURRENT
OSHA	MOST CURRENT
Section 504	CURRENT
ADA	MOST CURRENT
ANSI 117.1	MOST CURRENT

16. BUILDING AREAS FOR GRANT CALCULATION (ENTIRE FACILITY)

(MEASURED TO INSIDE FACE OF EXTERIOR WALLS)

EXISTING UNRENOVATED CONSTRUCTION	0	SQ.FT.
EXISTING RENOVATED CONSTRUCTION	0	SQ.FT.
EXISTING BEING DEMOLISHED	0	SQ.FT.
TOTAL EXISTING CONSTRUCTION	30,600	SQ.FT.
TOTAL NEW CONSTRUCTION	0	SQ.FT.
TOTAL FACILITY	30,600	SQ.FT.

OPEN AREAS (NOT INCLUDED IN TOTAL FACILITY)

NA: NA SQ.FT.

17. TOTAL CONSTRUCTED BUILDING AREA (OUTSIDE FACE OF EXTERIOR WALLS INCLUDING OPEN AREAS ABOVE): NA SQ.FT.

FIRE SAFETY CODE DATA:

1. CLASSIFICATION OF OCCUPANCY: EDUCATIONAL/ASSEMBLY
2. MINIMUM CONSTRUCTION REQUIRED: 2B
   ACTUAL CONSTRUCTION PROVIDED: 2A
3. NOTIFICATION / ALARMS (CFSC 2005, NFPA 72, NATIONAL FIRE ALARM CODE 2002): YES X ; NO
4. DETECTION (CFSC 2005, NFPA 72, NATIONAL FIRE ALARM CODE 2002): YES X ; NO
5. EXTINGUISHMENT REQUIREMENTS (NFPA 13, 2002): YES X ; NO

MEANS OF EGRESS

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT IBC TABLE 1004.1.2

USE	FLOOR AREA IN S.F. PER OCCUPANT
1. CLASSROOMS	20 S.F. NET
2. SHOPS & VOCATIONAL	50 S.F. NET
3. ASSEMBLY	
WITHOUT FIXED SEATS	7 S.F. NET
TABLES AND CHAIRS	15 S.F. NET
4. PLATFORMS	15 S.F. NET
5. LIBRARY	
READING ROOMS	50 S.F. NET
STACK AREA	100 S.F. GROSS
6. LOCKER ROOMS	50 S.F. GROSS
7. MECHANICAL AREAS	300 S.F. GROSS
8. STORAGE	300 S.F. GROSS
9. BUSINESS AREAS	100 S.F. GROSS
10. Courtyards	15 S.F. NET

MAXIMUM LENGTH OF EXIT TRAVEL
1. I.B.C. TABLE 1015.1: 250 feet

SYMBOL LEGEND

- X/XX - PLAN SECTION DETAIL OR ELEVATION- SHEET NUMBER
- SL - INDICATES SLOPE DIRECTION OF TAPERED INSULATION AT ¼" PER FOOT
- SL - TAPERED INSULATION CRICKET SLOPED @ ¼" PER FOOT
- @X/X - INDICATES SLOPE DIRECTION & INDICATES EXISTING ROOF PITCH.
- NIC. - NOT IN CONTRACT SCOPE
- □□□ - WALKWAY PADS. SEE CONSTRUCTION NOTE #1
- ERD. - EXISTING ROOF DRAIN TO BE REMOVED. SEE DEMOLITION NOTES.
- NRD. - NEW ROOF DRAIN TO BE INSTALLED. SEE DETAIL A/A2
- OSC. - EMERGENCY OVERFLOW SCUPPER. SEE DETAIL B/A2
- CB. - COLLECTION BOX. SEE DETAIL J/A2
- DS. - METAL DOWNSPOUT. SEE CONSTRUCTION NOTE #2
- VS. - EXISTING VENT STACK. SEE DETAIL C/A2
- FU. - EXISTING ROOF TOP FAN UNIT. SEE DETAIL D/A2
- MU. - EXISTING MECHANICAL UNIT. SEE DETAIL E/A2
- RH. - ROOF HATCH. SEE DETAIL G&H/A2
- SK. - NEW SKYLIGHT. SEE DETAIL F/A2
- EC. - EXISTING CHIMNEY. SEE DETAIL K/A2
- ML. - METAL LADDER. SEE DETAIL N/A2

GENERAL NOTES

1. ALL FLAT ROOFS TO RECEIVE ¼" PER FOOT TAPERED RIGID INSULATION MINIMUM UNLESS OTHERWISE NOTED.
2. FIELD VERIFY ALL DIMENSIONS & PERFORM TEST CUTS AT EACH ROOF PRIOR TO THE BID.
3. ALL MATERIALS ARE NEW UNLESS OTHERWISE NOTED "EXISTING".
4. ALL WOOD BLOCKING, PLYWOOD & NAILERS TO BE PRESSURE TREATED. (P.T.)
5. ALL WOOD BLOCKING INDICATED IN DETAILS ARE TO BE ANCHORED TO THE EXISTING STRUCTURE.
6. ALL MEMBRANE FLASHING INDICATED IS TO EXTEND A MINIMUM OF 8". (VERTICAL OR HORIZONTAL)
7. CONTRACTOR IS TO SURVEY THE EXISTING ROOF DECKS W/A LEVEL (AFTER DEMOLITION) TO VERIFY THE SLOPES INDICATED ON PLAN ARE ACCURATE, NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY ADDITIONAL ROOFING OPERATIONS.
8. CONTRACTOR IS TO INSPECT THE UNDERSIDE OF ALL ROOF DECKS PRIOR TO ROOFING OPERATIONS TO ENSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE PIERCED OR DAMAGED.
9. CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING PROJECT & WILL REPLACE ANY & ALL DAMAGED EQUIPMENT W/NO ADDITIONAL COST TO OWNER.
10. SITE AREAS DISTURBED SHALL BE CLEANED & RE-LEVELED, W/LAWN AREAS MAGNETICALLY RAKED TO REMOVE ANY METAL DEBRIS & RE-SEEDED AS REQUIRED TO MATCH ADJACENT CONDITIONS.
11. CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR CLEAN UP OF ROOFING MATERIALS & DEBRIS THAT PENETRATES THE INTERIOR ENVELOPE OF THE BUILDING W/NO ADDITIONAL COST TO THE OWNER.
12. SNAKE/CLEAN OUT ALL EXISTING VERTICAL & HORIZONTAL LEADERS OUT TO NEAREST MANHOLE OUTSIDE OF BUILDING.
13. ALL CRICKETS ARE TO BE SLOPED @ A MINIMUM OF ¼" PER FOOT & COORDINATE CRICKETS AROUND EXIST. HVAC UNITS AS REQUIRED TO AVOID PONDING.
14. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL & RE-INSTALLATION OF ALL HVAC UNITS INCLUDING ANY ELECTRICAL OR MECHANICAL CONNECTIONS. THIS MAY INCLUDE THE EXTENSION OF EXISTING ELECTRICAL & DUCTWORK SYSTEMS TO ACCOMODATE NEW MECHANICAL UNIT CURBING & NEW ROOFING SYSTEM.
15. SNAKE/CLEAN OUT ALL EXISTING VENT STACKS BEFORE THE INSTALLATION OF METAL SLEEVE.
16. ALL DRAIN PIPING IS INSULATED ABOVE THE CEILINGS. THE EXACT ROUTE WILL BE DETERMINED IN THE FIELD. MAKE MINOR ADJUSTMENT IN THE ROUTE AT NO ADDITIONAL COST TO OWNER.
17. NEW ROOF INSULATION TO BE A MINIMUM OF R-30 AT ALL NEW ROOF DRAINS AND/OR THE LOW POINTS OF THE ROOF AREAS.
18. ALL ANTENNAE, CONDUITS & ANY OTHER OBJECTS TO REMAIN AFFECTED BY SCOPE OF WORK, TO BE REMOVED & REINSTALLED.

DEMOLITION NOTES (X→)

1. REMOVE EXISTING 2" BASE LAYER & ¼" TAPERED POLYISO INSULATION & ROOFING SYSTEM DOWN TO EXIST DECK.
2. REMOVE ALL PERIMETER METAL FLASHING WITHIN SCOPE OF WORK.
3. REMOVE EXISTING ROOF DRAINS & SUMP.

CONSTRUCTION NOTES (X→)

1. WALKWAY PADS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATION. SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION. COORDINATE & FINALIZE EXACT ROUTE W/ OWNER & ARCHITECT.
2. NEW METAL DOWNSPOUT LOCATION, PROVIDE NEW CONCRETE SPLASH BLOCK AT THIS LOCATION.
3. CONTRACTOR TO PROVIDE A SPECIFIED QUANTITY OF EXISTING DECK REPAIR & REPLACEMENT. SEE PROJECT MANUAL.

ROOF AREAS

ROOF "A"	200	SF.
ROOF "B"	22,000	SF.
ROOF "C"	750	SF.
ROOF "D"	7,650	SF.

TOTAL ROOF AREAS: 30,600 SF.
THIS AREA IS APPROXIMATE- V.I.F.
IECC CODE REQUIREMENT R-VALUE MIN. R-30
CONNECTICUT ZONE 2B
CBSC REQUIREMENT : R-30 -U.0333

ROOF ASSEMBLY

OUTSIDE AIR	0.17
TPO ROOF MEMBRANE	0.33
COVERBOARD	2.20
5" POLYISO INSUL.	29.7
EXISTING DECK	1.23
INSIDE AIR	0.61
R-VALUE TOTAL	34.24

CODE INFORMATION

USE GROUP : E
CONSTRUCTION CLASS: 2B
RISK CATEGORY #3
ULTIMATE DESIGN WIND SPEED: 135 MPH
NOMINAL DESIGN WIND SPEED: 105 MPH

FACTORY MUTUAL ENGINEERING & RESEARCH CORPORATION (FM): ROOF ASSEMBLY CLASSIFICATION OF NON-COMBUSTIBLE CONSTRUCTION, WIND UPLIFT REQUIREMENT OF I-60 FOR FIELD, I-75 FOR PERIMETER AND I-110 FOR CORNERS, IN ACCORDANCE WITH FM PROPERTY LOSS PREVENTION DATA SHEETS 1-28.

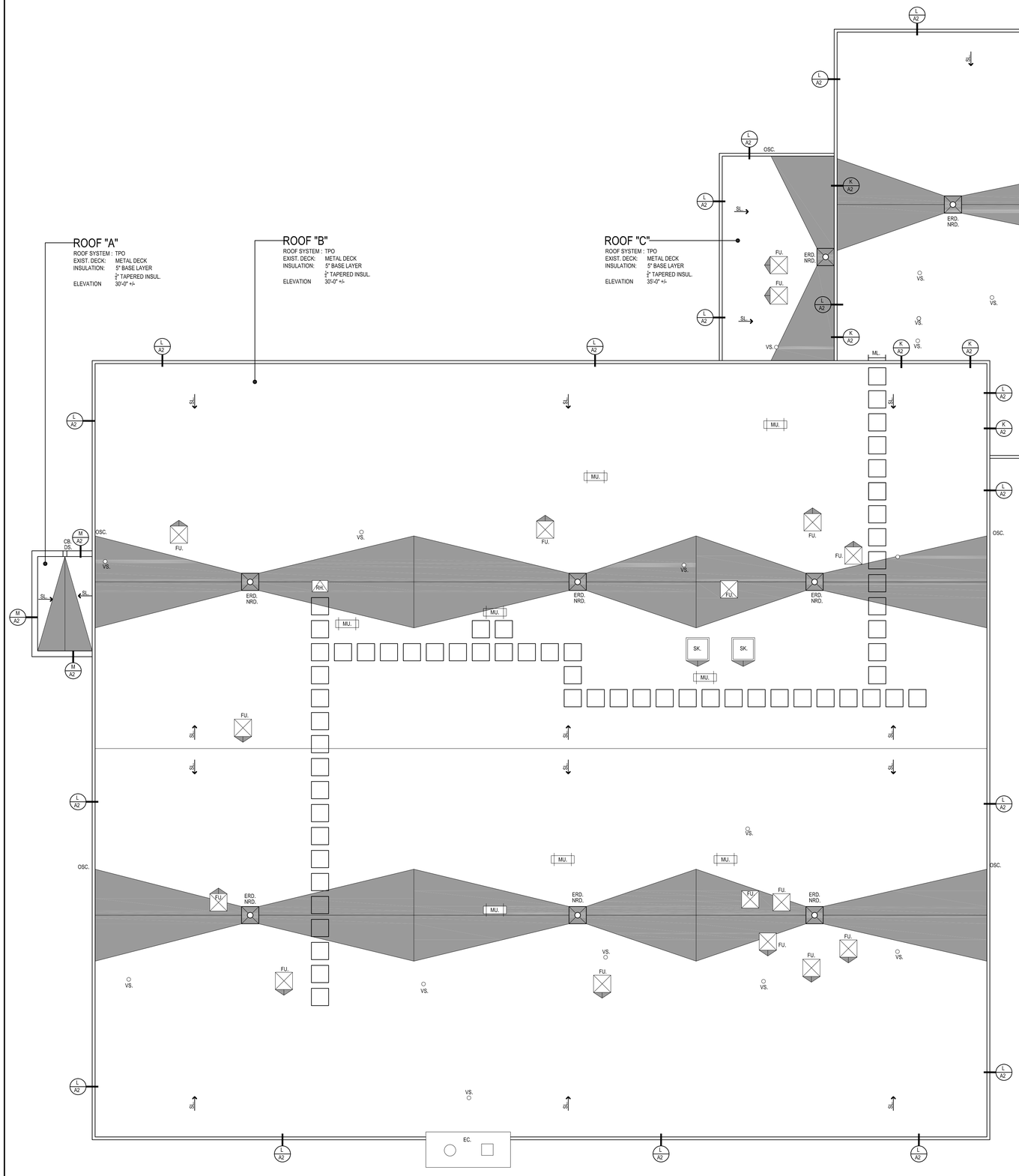
Project Title:
ROOF REPLACEMENT AT:
CHARLES BARNUM ELEMENTARY SCHOOL
68 BRIAR HILL ROAD
GROTON, CONNECTICUT 06340

SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
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Revision: | Description: | Date: | Revised By:

Drawing Title:
CODE INFORMATION
STATE PROJECT 059-0192 RR

Date: 03/02/2026
Scale: NONE
Drawn By: KL/MCM
Project Number: 23.348
Drawing Number: C1



A1 ROOF PLAN
1/8"=1'-0"

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ROOF ASSEMBLY

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0 4'-0" 8'-0" 12'-0" 20'-0"
GRAPHIC SCALE - 1/8" = 1'-0"

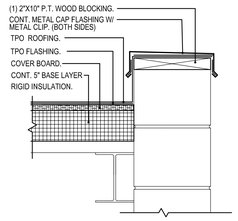
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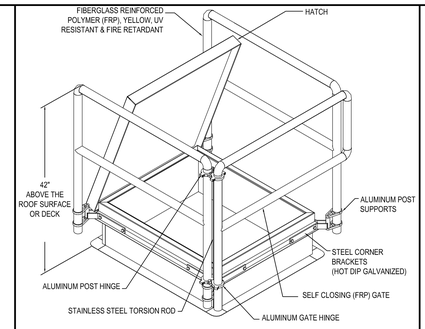
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ROOF PLAN
STATE PROJECT 059-0192 RR

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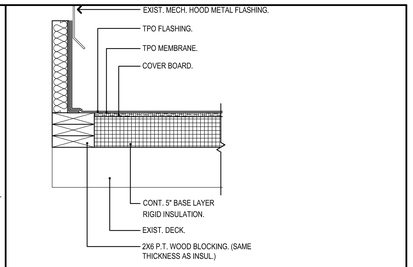
M ROOF EDGE

1-1/2"=1'-0"



H ROOF HATCH SAFTEY RAIL

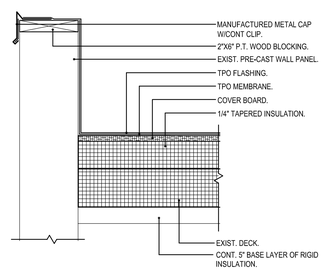
1-1/2"=1'-0"



NOTE:
EXIST. MECHANICAL UNIT TO BE REMOVED & REINSTALLED AS REQUIRED FOR NEW ROOFING OPERATIONS. EXTEND ALL ELECTRICAL WIRING & DUCTWORK AS REQUIRED.

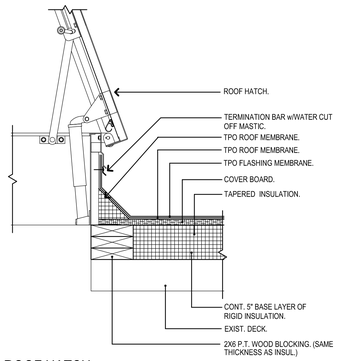
D ROOF FAN UNIT

1-1/2"=1'-0"



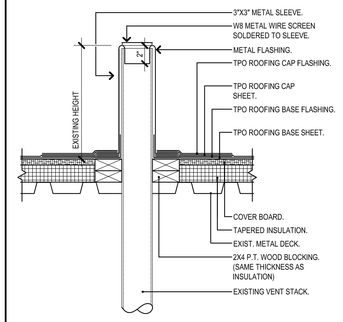
L ROOF EDGE

1-1/2"=1'-0"



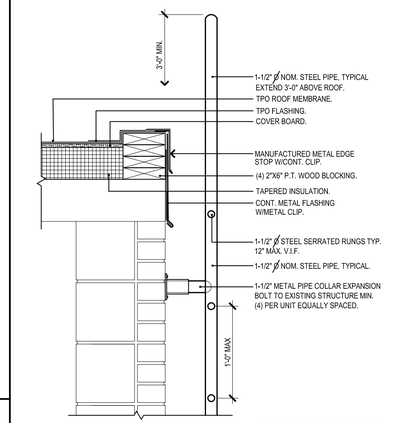
G ROOF HATCH

1-1/2"=1'-0"



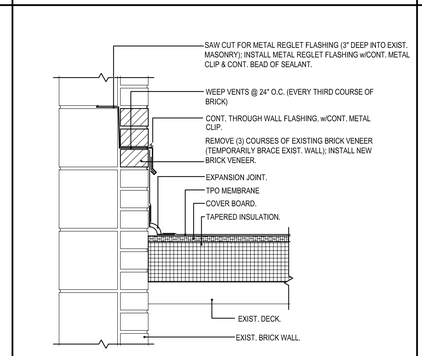
C VENT STACK

1-1/2"=1'-0"



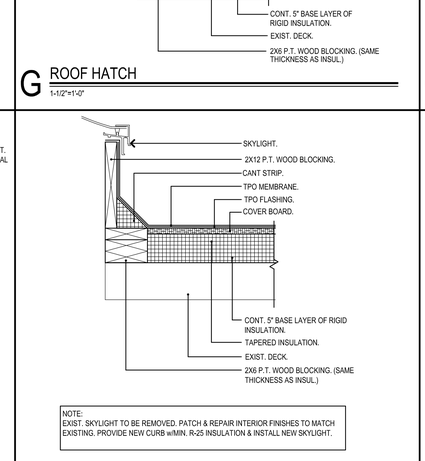
N ROOF LADDER

1-1/2"=1'-0"



K RAISED REGLET

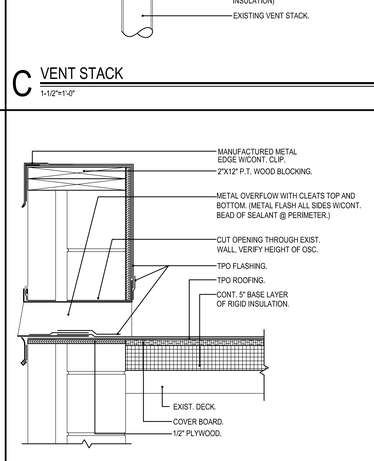
1-1/2"=1'-0"



NOTE:
EXIST. SKYLIGHT TO BE REMOVED. PATCH & REPAIR INTERIOR FINISHES TO MATCH EXISTING. PROVIDE NEW CURB w/MIN. R-25 INSULATION & INSTALL NEW SKYLIGHT.

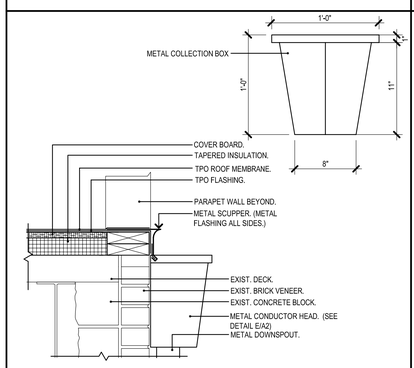
F SKYLIGHT

1-1/2"=1'-0"



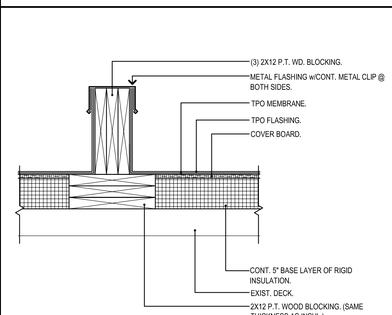
B EMERGENCY OVERFLOW SCUPPER

1-1/2"=1'-0"



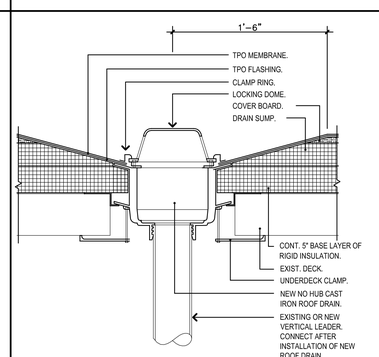
J ROOF DIVIDER

1-1/2"=1'-0"



E ROOF DIVIDER

1-1/2"=1'-0"



A ROOF DRAIN

1-1/2"=1'-0"

Project Title:

ROOF REPLACEMENT AT:

CHARLES BARNUM ELEMENTARY SCHOOL

68 BRIAR HILL ROAD
GROTON, CONNECTICUT 06340

SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:

Drawing Title:

ROOF DETAILS

STATE PROJECT 059-0192 RR

Date: 03/02/2026
Scale: 1-1/2"=1'-0"
Drawn By: KL/MCM
Project Number: 23.348

Drawing Number: A2

Connecticut Department of Administrative Services
Office of School Construction Grants
Public School Construction Cost Database

Home Help

Construction Documents Estimate

State Project #	059-0192RR				
LEA	Groton Public Schools				
School Name	Charles Barnum School				
Project Type					
Square Footage of Construction	30,600				
Grades	G1				
Enrollment Projections					
Reimbursement Rate			Cost/Square Feet		Ineligible Costs
Project Cost	$999,810.00	of Project Costs	$32.67	Project Ineligible Costs	$58,297.00
All Soft Cost	$38,580.00			Ineligible Soft Costs	$504.00
Construction Cost	$961,230.00	of Construction Cost	$31.41	Ineligible Construction Costs	$57,793.00
Eligible Construction Costs	$903,437.00	of Eligible Costs	$29.52		

Construction Cost			Cost	Ineligibles
A. SUBSTRUCTURE	A10. Foundations	A1010. Standard Foundations	0.00	0.00
		A1020. Special Foundations	0.00	0.00
		A1030. Slab on Grade	0.00	0.00
	A20. Basements	A2010. Basement Excavation	0.00	0.00
		A2020. Basement Walls	0.00	0.00
B. SHELL	B10. Super Structure	B1010. Floor Construction	0.00	0.00
		B1020. Roof Construction	0.00	0.00
	B20. Exterior Enclosures	B2010. Exterior Walls	0.00	0.00
		B2020. Exterior Windows	0.00	0.00
		B2030. Exterior Doors	0.00	0.00

	B30. Roofing	B3010. Roof Coverings	647146.00	10000.00
		B3020. Roof Openings	0.00	0.00
C. INTERIORS	C10. Interior Construction	C1010. Partitions	0.00	0.00
		C1020. Interior Doors	0.00	0.00
		C1030. Fittings	0.00	0.00
	C20. Stairs	C2010. Stair Construction	0.00	0.00
		C2020. Stair Finishes	0.00	0.00
	C30. Interior Finishes	C3010. Wall Finishes	0.00	0.00
		C3020. Floor Finishes	0.00	0.00
		C3030. Ceiling Finishes	0.00	0.00
D. SERVICES	D10. Conveying	D1010. Elevators & Lifts	0.00	0.00
		D1020. Escalators & Moving Walks	0.00	0.00
		D1090. Other Conveying Systems	0.00	0.00
	D20. Plumbing	D2010. Plumbing Fixtures	0.00	0.00
		D2020. Domestic Water Distribution	0.00	0.00
		D2030. Sanitary Waste	0.00	0.00
		D2040. Rain Water Drainage	20700.00	0.00
		D2090. Other Plumbing Systems	0.00	0.00
	D30. HVAC	D3010. Energy Supply	0.00	0.00
		D3020. Heat Generating Systems	0.00	0.00
		D3030. Cooling Generating Systems	0.00	0.00
		D3040. Distribution Systems	0.00	0.00
		D3050. Terminal & Package Units	0.00	0.00
		D3060. Controls & Instrumentation	0.00	0.00
		D3070. Systems Testing & Balancing	0.00	0.00
		D3090. Other HVAC systems & Equi[pment	0.00	0.00
	D40. Fire Protection	D4010. Sprinklers	0.00	0.00
		D4020. Standpipes	0.00	0.00
		D4030. Fire Protection Specialties	0.00	0.00
		D4090. Other Fire Protection Systems	0.00	0.00
	D50. Electrical	D5010. Electrical Service & Distribution	0.00	0.00
		D5020. Lighting and Branch Wiring	0.00	0.00
		D5030. Communications & Security	0.00	0.00
		D5090. Other Electrical Systems	0.00	0.00

E. EQUIPMENT & FURNISHINGS	E10. Equipment	E1010. Commercial Equipment	0.00	0.00
		E1020. Institutional Equipment	0.00	0.00
		E1030. Vehicular Equipment (Bldg fixed)	0.00	0.00
		E1090. Other Rquipment	0.00	0.00
	E20. Furnishings	E2010. Fixed Furnishings	0.00	0.00
F. SPECIAL CONSTRUCTION AND DEMOLITION	F10. Special Construction	F1010. Special Structures	0.00	0.00
		F1020. Integrated Construction	0.00	0.00
		F1030. Special Construction Systems	0.00	0.00
		F1040. Special Facilities	0.00	0.00
		F1050. Special Controls & Instrumentation	0.00	0.00
	F20. Selective Building Demolition	F2010. Building Elements Demolition	64500.00	0.00
	F30. Abatement	F3010. PCB/Asbestos/Lead Abatement	0.00	0.00
X. GENERAL CONDITIONS, OFFICE OVERHEAD, & PROFIT	X10. General Conditions	X1010. General Conditions	73243.00	806.00
	X20. Overhead & Profit	X2020. Office Overhead & Profit	109864.00	1210.00
		X2030. Trade Contractor Bond Costs	0.00	0.00
Z. ALLOWANCES	Z10. Design Contingency	Z10. Design Contingency	0.00	0.00
	Z20. Inflation (Escalation) Allowance	Z20. Inflation (Escalation) Allowance	0.00	0.00
	Z30. Construction Contingency	Z30. Construction Contingency	45777.00	45777.00

Soft Cost		Cost	Ineligibles
G. SITEWORK (beyond 5 ft from Building)	G1010. Site Clearing	0.00	0.00
	G1020. Site Demolition & Relocation	0.00	0.00
	G1030. Site Earthwork	0.00	0.00
	G1040. Hazardous Waste Remediation	0.00	0.00
	G2010 Roadways	0.00	0.00
	G2020. Parking	0.00	0.00
	G2030. Pedestrian Paving	0.00	0.00
	G2040. Site Development	0.00	0.00
	G2045. Athletic Fields	0.00	0.00
	G2050. Landscaping	0.00	0.00
	G3010. Water Supply	0.00	0.00
	G3020. Sanitary Sewer	0.00	0.00
	G3030. Storm Sewer	0.00	0.00
	G3040. Heating Distribution	0.00	0.00
	G3050. Cooling Distribution	0.00	0.00
	G3060. Fuel Distribution	0.00	0.00

	G3090. Other Site Mechanical Utilities	0.00	0.00
	G4010. Electrical Distribution	0.00	0.00
	G4020. Site Lighting	0.00	0.00
	G4030. Site Communications & Security	0.00	0.00
	G4090. Other Site Electrical Utilities	0.00	0.00
	G9010. Service & Pedestrian	0.00	0.00
	G9020. Bleachers, Concession Stands, etc.	0.00	0.00
	G9090. Other Site Systems	0.00	0.00
Y.SITE GENERAL CONDITIONS, OFFICE OVERHEAD, PROFIT, & ALLOWANCES	Y1010. Site General Conditions	0.00	0.00
	Y2010. Site Overhead & Profit	0.00	0.00
	Y3010. Site Design Contingency	0.00	0.00
	Y4010. Site Inflation (Escalation) Allowance	0.00	0.00
	Y5010. Trade Contractor Bond Costs	0.00	0.00
	Y3020. Site Construction Contingency	0.00	0.00
R. CONSULTANTS	R1010. Architect/Engineer	38580.00	504.00
	R2010. Environmental	0.00	0.00
	R3010. Commissoning	0.00	0.00
	R4010. Geotechnical	0.00	0.00
	R5010. Cost Estimator	0.00	0.00
	R6010. Owners Rep	0.00	0.00
	R7010. CM Pre-Construction	0.00	0.00
	R8010. FF&E Coordinator	0.00	0.00
	R9010. Legal	0.00	0.00
S. FF&E	S1010. FF&E	0.00	0.00
	S2010. Technology	0.00	0.00
	S3010. Playground Equipment	0.00	0.00
	S4010. Playground Surfacing	0.00	0.00
	S5010. Moving	0.00	0.00
T. FEES	T1010. District Bonding Fees	0.00	0.00
	T2010. Insurance Cost	0.00	0.00
	T3010. Town Staff Cost	0.00	0.00
	T4010. Town Permit Fees	0.00	0.00
	T5010. State Permit Fees	0.00	0.00
	T6010. Testing/Inspection Fees	0.00	0.00
	T7010. Printing & Mailing	0.00	0.00
	T8010. Other Costs	0.00	0.00
U. CONTINGENCIES	U1010. Owner Contingency	0.00	0.00
W. ACQUISITION COSTS W	W1010. Land/Building Purchase	0.00	0.00
	W2010. Swing Space/Portables	0.00	0.00
	W3010. Site Remediation	0.00	0.00

	W4010. Appraisals	0.00	0.00
	W5010. Land Survey	0.00	0.00
	W6010. Other Acquisition Costs	0.00	0.00

Save CD Estimate And Continue | Save CD Estimate And Exit | Submit CD Estimate

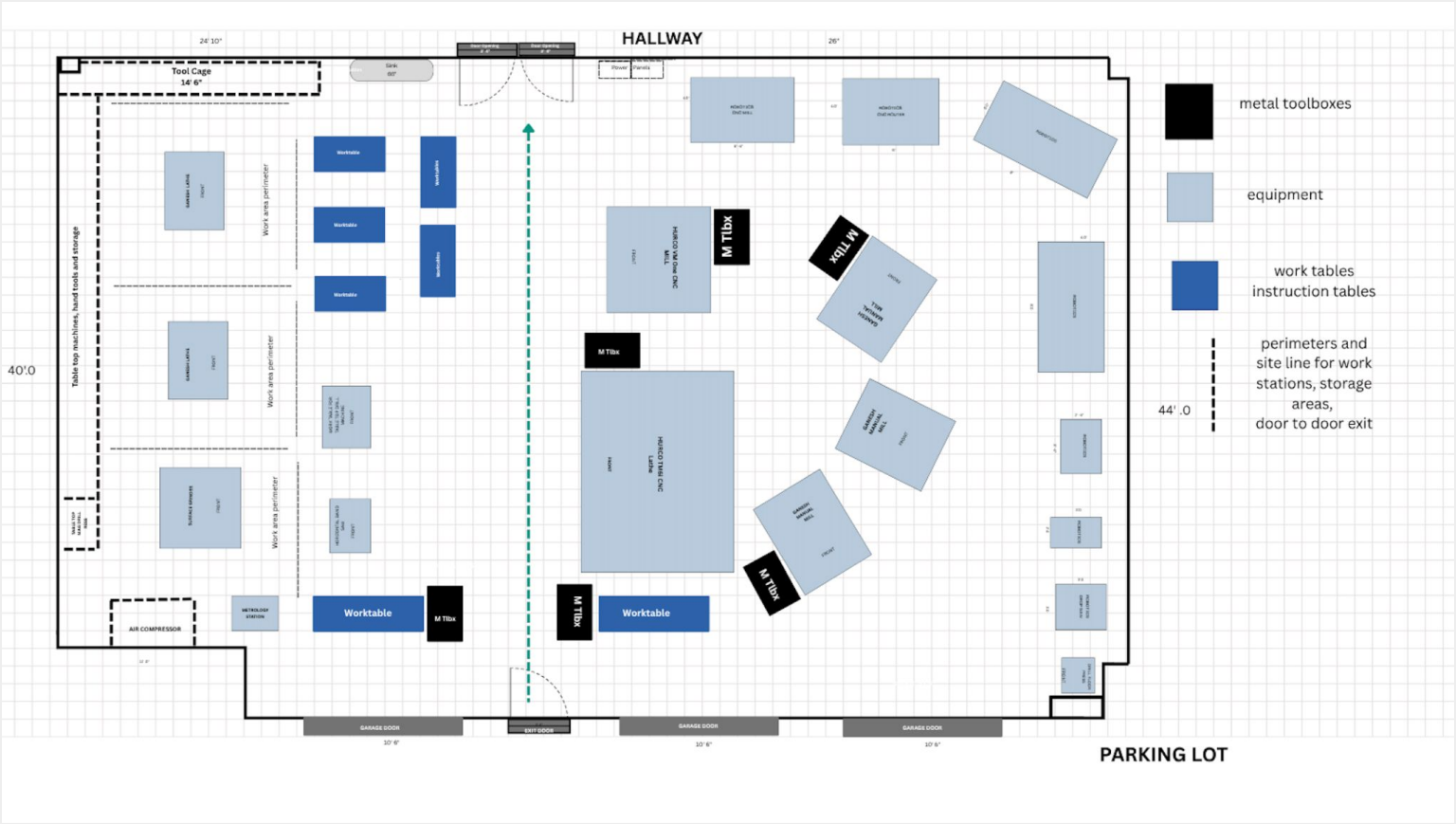
FITCH HIGH SCHOOL
Machine Program
Falcons R.I.S.E!

Our mission at Robert E. Fitch High School is to educate our young men and women to become outstanding citizens. The faculty and staff will collaborate with the home and community to promote academic excellence, physical wellness, and social awareness. We will encourage our students to use their individual talents to their fullest potential. To this end, our graduates will become informed, responsible adults who respect diversity and value life-long learning.

LF CONSULTING, LLC


DREAM
ROBOTICS, ENGINEERING, ARCHITECTURE, MANUFACTURING

UPDATED BLUEPRINT



Operational Costs for Coventry Machine Program 2025-2026

1. $7528 in steel
2. $1128 for supplies and materials (consumables
3. $0 in Maintenance costs

THANK YOU

DREAM STEERING COMMITTEE

Susan Austin, Superintendent
Willie Barber, GDEB
Peter Bass, Groton Middle School Principal
Matt Brown, Fitch High School Principal
Chelsey Courtright, CTE Pathways
Lori Ferguson, LF Consulting, LLC
Clint Kennedy, Director of Technology
Sam Kilpatrick, Facilities Director
Anne Marie Mancini, Asst. Superintendent
Melissa Manzione, CTE Dept. Head
Ben Moon K-5 STEM Coordinator
Sean McKeown, CT Dept. of Education
Val Nelson, DoDEA Project Director
Susan Votto, LF Consulting, LLC
Shannon Weigle, Grants Coordinator
Bryce Aaronson, Program Manager, Navy STEM Coalition (UCONN/URI)
Dr. Lexi Hain, Director UCONN Navy STEM Program