

WAKEFIELD PERMANENT BUILDING COMMITTEE
WAKEFIELD PUBLIC SAFETY MEETING MINUTES

Date:	Thursday, April 1, 2021
Location:	Virtual "Zoom" Meeting
Time:	7:00pm
Prepared BY:	Shane Nolan – LeftField PM

Name		Present
Joseph B. Bertrand	Chair, Permanent Building Committee	✓
Timothy Demers	Permanent Building Committee	✓
Charles L. Tarbell	Permanent Building Committee	✓
Jerry Hammersley	Permanent Building Committee	x
Jason Cohen	Permanent Building Committee	✓
Janine R. Fabiano	Permanent Building Committee	x
John McDonald	Permanent Building Committee	✓
Tom Galvin	Permanent Building Committee	✓
Marc Moccio	Permanent Building Committee (non-voting)	✓
Philip Renzi	Permanent Building Committee (non-voting)	✓
Wayne Hardacker	Permanent Building Committee (non-voting)	✓
Steven Skory	Chief, Wakefield Police Department	✓
Craig Calabrese	Deputy Chief, Wakefield Police Department	✓
Michael Sullivan	Chief, Wakefield Fire Department	✓
Lynn Stapleton	Leftfield Project Management	✓
Shane Nolan	Leftfield Project Management	✓
Jim Rogers	Leftfield Project Management	✓
Janet Slemenda	HKT Architects	✓
Any Dunlap	HKT Architects	x
Scott Woodward	HKT Architects	✓
David Capaldo	Bond Building	✓
Greg Williamson	Bond Building	✓

I. Joe Bertrand opened the Public Safety portion of the meeting at approx. 7:15pm.

II. Janet Slemenda presented an overview of the Schematic Design

Geotech Report

JS noted there were 3 borings done by the GeoTech Engineers, 1 in the area of the Sallyport addition, 1 at the new 3 story addition and 1 at the new building main entrance. The borings showed the existing subsurface conditions are not suitable to support standard foundations. The report recommends the excavation of unsuitable material and backfilling with approved material at the Sallyport and 3 story addition. It was noted that temporary earth support will be required, and that structural stability of the

existing building need to be further evaluated. A piling system is recommended at the main entrance. Groundwater was observed in the borings and will need to be addressed during excavation work.

Code Report

There is no change to the building occupancy or use. The scope of work is less than 50% of the floor area and is classified as Level 2 Alteration. The proposed value of the new work exceeds 30% of the buildings assessed value and therefore must meet ADA standards throughout. The current building appears meets these standards and it is not expected that this will be an issue. No additional work is anticipated on the Fire Department side.

It was noted that the Stretch Energy Code is expected to be introduced in Wakefield this Spring. Therefore, the new additions will need to comply with these standards. HKT will confirm the extent of what is required.

Hazardous Materials

The Hazmat Consultant was on site and took bulk samples. No samples came back as containing ACM. There were two areas highlighted. Caulking at the windows in the Tower. JL will confirm if this is required to be tested. The damp proofing on the existing 1950's foundation walls is assumed to contain asbestos. This will be tested and means of addressing will be confirmed with the consultant.

Envelope Review

The Envelope Consultant was on site to survey the exterior of the building. Generally, the exterior masonry and mortar is in good shape. There is existing efflorescence visible on the front side of the Police Station which should be cleaned. It was noted that the caulking and sealant throughout appears in poor shape and is failing. The Consultant will make a recommendation on how to address this. It was also noted that the presence of weep holes in the precast and masonry is inconsistent, some are missing, some appear to be incorrectly placed/installed. Further review is required. Some of the existing lintels appear to be deflecting. This will need to be reviewed by the Structural Engineer to determine if remedial work is required. The retaining wall at the Apparatus apron is failing. The report will address this, but it is anticipated that the wall needs to be replaced.

Some exterior issues may be considered capital maintenance and outside the scope of the project. These items should be tracked separately, and it will be determined whether they are incorporated into this project's scope.

Chief Skory asked whether the lack of weep holes in some locations could inhibit water egress and cause mold. Chief Skory noted there is no evidence of this, but it is a concern. JL will discuss with the Envelope Consultant.

Documents included in the Schematic Design package

JL noted that the SD package includes a series of drawings, narrative and reports. These will be sent to the Estimators to prepare their estimates. There is a pre estimate meeting with the Estimators on Monday to discuss schedule and format. It is expected that SD estimates will be ready to present to the PBC on April 29th. Chip Tarbell requested that meeting notes from Monday's meeting be distributed to the PBC for record.

JL did a quick page flip through the SD drawing set.

Chip Tarbell asked about how the phasing that will be addressed in the SD estimates. SN and JS noted that this will be discussed with the Estimators at Monday's meeting but that a meaningful and final phasing plan will be developed with Bond during the Design Development phase.

Chief Skory asked about the double height space in the staircase known as the "penalty box". JL noted it is unlikely this space can be infilled and used for storage as the entire stairway is considered a protected structure.

Chip Tarbell made a motion to accept the Schematic Design presented and to have the documents sent to the Estimators for preparation of Schematic Design Estimates. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

III. Public Outreach

Chip Tarbell asked about a public outreach strategy. Chief Skory noted that he would discuss with the Town's Communications Manager. The information would need to be provided by LeftField and should be high level including renderings, timeline etc. to keep the public informed of project status and progress.

IV. Next Permanent Building Committee was schedule for April 15, 2021 at 7:00pm.

Chip Tarbell made a motion to adjourn the meeting at 8:20pm. Seconded by Jason Cohen. Approved unanimously.

Attachments:

- 04/01/21 HKT Architects Presentation

**RENOVATIONS AND ADDITIONS TO THE
WAKEFIELD PUBLIC SAFETY BUILDING**

**WAKEFIELD, MASSACHUSETTS
April 1, 2021**

AGENDA

Permanent Building Committee

- Approval of Schematic Design
 - Reports
 - Geotechnical Report
 - Code Report
 - Asbestos Containing Materials Identification
 - Preliminary Envelope Review
 - Schematic level documents prepared for estimate
- Next Steps

SCHEMATIC DESIGN

Geotechnical Subsurface Investigation

- 3 borings completed to depths between 26 and 27 feet:
- B21-1: Sally Port to 26'
 - Surface material: 2" asphalt paving – *not suitable bearing stratum*
 - Overlying fill: 9.7' – fine to coarse sand + gravel with some silt – *not suitable for supporting foundations – Excavate and replace*
- B21-2: 3 story addition to 27'
 - Surface material: 3.6" topsoil – *not suitable bearing stratum*
 - Overlying fill: 11.8' – fine to coarse sand + gravel with some silt with 1' of organic silt between 9-10' – *not suitable for supporting foundations – Excavate and replace*

SCHEMATIC DESIGN

Geotechnical Subsurface Investigation

- B21-3: New Entry addition to 27'
 - Surface material: 3" asphalt paving – *not suitable bearing stratum*
 - Overlying fill: 8.7' - fine to coarse sand with trace amounts of silt, coal, coarse gravel, ceramics, brick and wood – *not suitable for supporting foundations*
- Glacial Till was encounter in all three borings: Thickness exceeded depth of borings – fine to coarse sand, trace coarse gravel + silt with some boulders – *considered a suitable bearing stratum for foundations*
- Groundwater: Observed within B21-2 + B21-3 at depths of 9.4' + 7.5' below the existing ground surface (water is introduced in each borehole)

SCHEMATIC DESIGN

Geotechnical Subsurface Investigation

- Implications
 - Reuse of Fill may be possible in the areas of B21-1 + B21-2 but not in B21-3 where construction debris was observed
 - Use of imported Granular Fill and/or Sand Gravel Fill is anticipated
 - Foundation Systems:
 - B21-1 column + wall footings bearing on suitable bearing materials
 - B21-2 column + wall footings bearing on suitable bearing materials; groundwater control is likely during construction plus controls for groundwater ingress
 - B21-3 deep foundation system piles to maximize capacity
- Seismic Design Category: C with a risk category IV
- Liquefaction Evaluation: Soils are not susceptible to liquefaction at this time

SCHEMATIC DESIGN

Geotechnical Subsurface Investigation

- Existing Foundations: Shallow spread footings + deep caissons; structures respond differently to loading with respect to settlement
 - Differential settlement should be anticipated; movement joints should be incorporated to allow for movement
- Foundations, bearing materials, wet conditions details are specifically noted for each addition
- Slabs details are specifically noted
- Excavation Support: Temporary earth support system will be required; further evaluation for structural stability of 1950 building may be required
- Suitable Construction Materials are detailed
- Ground Modifications: Coordinate with structural engineer

SCHEMATIC DESIGN

SD Code Summary Report

- Reconfiguration of space + an addition. Work comprises less than 50% of the floor area so is classified as a Level 2 Alteration. Work area will not exceed 50% of the floor area on any floor. There is no change in occupancy.
- Proposed uses remain the same: A-3, B, I-3 – Condition 4, R-2, S-1 + S-2
 - Detention center must maintain 2-hour separation + fire alarm requirements are applicable to new I-3 spaces
 - Ammunition quantity must not exceed standards that may require an update
 - Most likely Type IIIB construction
 - Fire Alarm and Detection + Sprinklers: Maintain, extend + modify
 - Perimeter Frontage remains
 - Height + Area is compliant

SCHEMATIC DESIGN

SD Code Summary Report

- Egress: 2 means of egress; continuity of egress
- All new work to be fully accessible
 - Building is assessed at \$7,703,900 because renovation/additions will exceed 30% threshold the full building must comply
 - Accessible entry, toilet rooms, handrails, vertical access, maneuvering clearance at door, accessible seating
- ADA standards for employee only spaces must be met
- Plumbing: Fixtures appear sufficient to meet code
- Mechanical: reconfigured + new space must have natural or mechanical ventilation + existing spaces that are altered must meet basic ventilation
- Energy Conservation: Stretch Energy Code (pending)

SCHEMATIC DESIGN

Asbestos Containing Materials Identification Survey

- Limited identification survey; no destructive or roof testing
- Inspection of accessible ACM, collection of bulk samples + testing; analyzed by a MA licensed laboratory
- Findings: 56 bulk samples from original 1950 and 2003 buildings: ceiling tiles, joint compounds, grey duct sealant, fireproofing vinyl tile, yellow glue for vinyl tile, cove base, old black mastic residue, CMU and interior door caulking, grey sink coating, cement deck plank, PD original old roofing, interior framing caulking, exterior window framing caulking, exterior door framing caulking
 - No Asbestos Detected
 - Observations and Recommendations:
 - Old residue caulking observed on tower windows - too high to access
 - Damproofing on exterior walls at 1950 building was assumed to exist + assumed to contain asbestos

PRELIMINARY ENVELOPE REVIEW

Envelope Initial Comments

- Masonry in good shape
 - Some visible efflorescence
- Mortar in very good shape



PRELIMINARY ENVELOPE REVIEW

Envelope Initial Comments

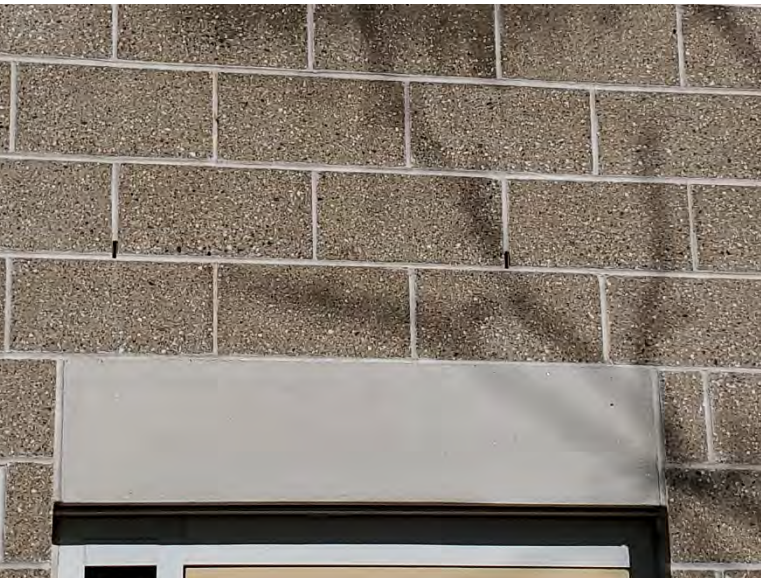
- Sealant is failing or nearing failure throughout building
- Backer rod is probably missing



PRELIMINARY ENVELOPE REVIEW

Envelope Initial Comments

- Weep holes appear inconsistent; missing where they are expected (will review documents)
- Flashing evident but no weeps holes



PRELIMINARY ENVELOPE REVIEW

Envelope Initial Comments

- Other issues
 - Gable at rising masonry wall – might require more investigation
 - Lintel deflection



PRELIMINARY ENVELOPE REVIEW

Envelope Initial Comments

- Other issues
 - Low wall at apparatus apron
 - Paint at lintels



SCHEMATIC DESIGN

Documents for Estimate: Drawings + Narratives

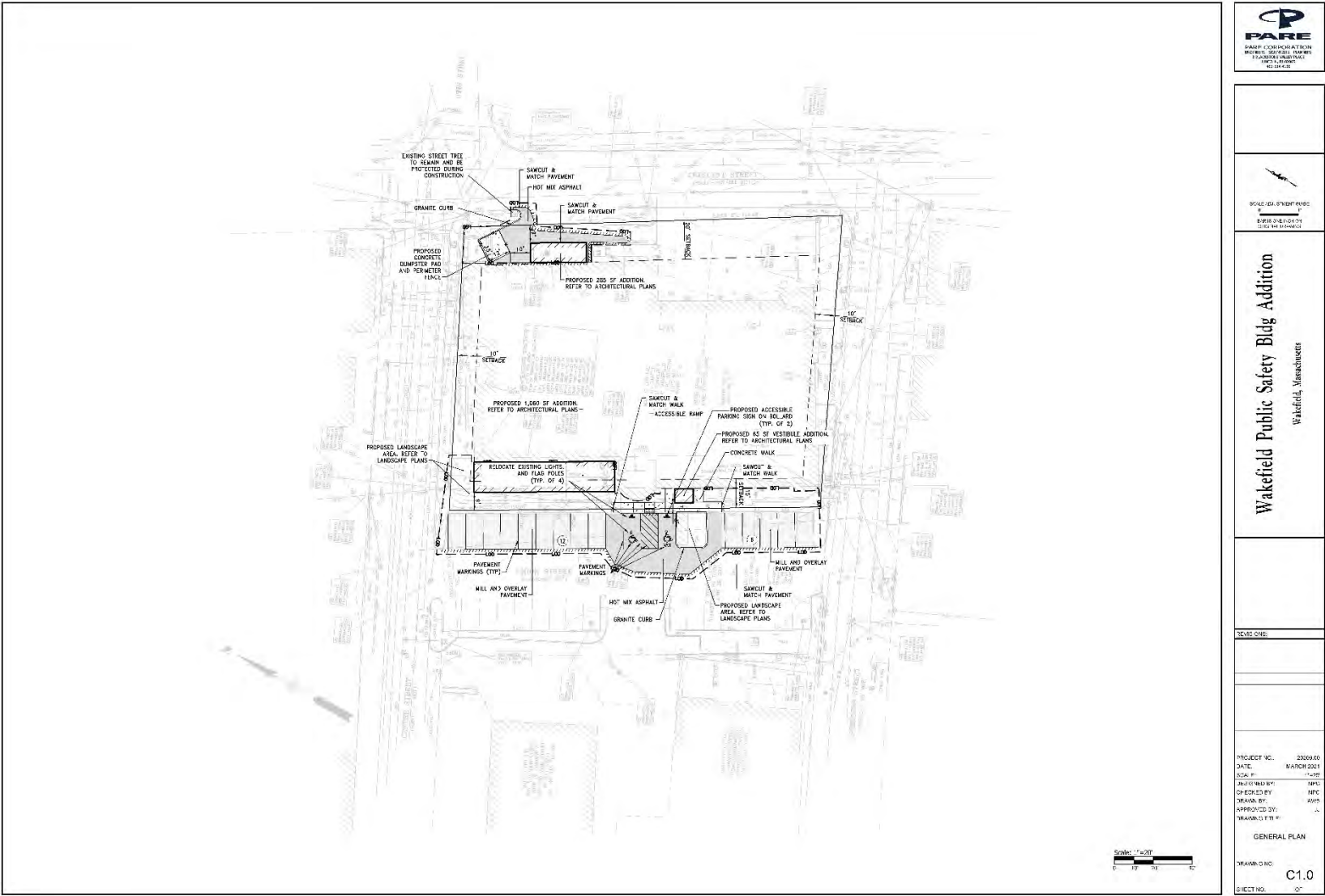
- Civil/Site
- Landscape
- Architectural
- Structural
- MEPFP

SCHEMATIC DESIGN

Estimate Process

- Documents sent to Professional Cost Estimator + CM if approval is received
 - Bidding climate has seen fluctuations over the past year that may affect results
- If approved there will be a meeting this Monday to discuss details of estimating process
- 3-week timeframe for Professional Cost Estimator
 - Estimator completes initial work; HKT Team reviews individual sections to confirm scope + ask questions; Estimator refines document based on comments + resubmits
- Reconciliation Session with CM is anticipated followed by final edits
- Presentation of Estimate to Permanent Building Committee

SCHEMATIC DESIGN



Wakefield Public Safety Bldg Addition
Wakefield, Massachusetts

REVISIONS

PROJECT NO. 23009.00
DATE: MARCH 2011
SCALE: 1"=20'
DESIGNED BY: HKT
CHECKED BY: HKT
DRAWN BY: HKT
APPROVED BY: HKT

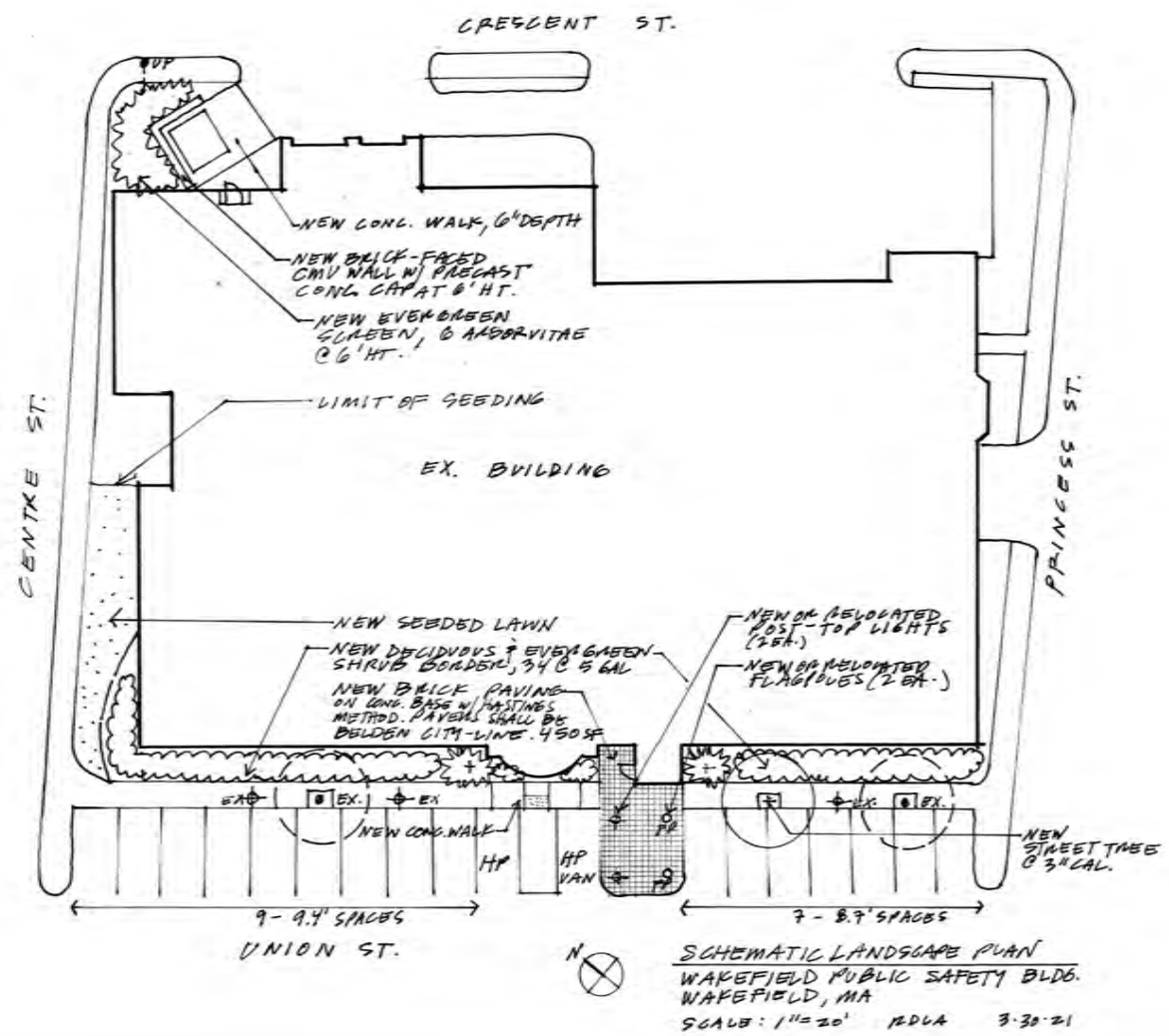
GENERAL PLAN

REVISION NO. C1.0
SHEET NO. 02

[illegible]

[illegible]

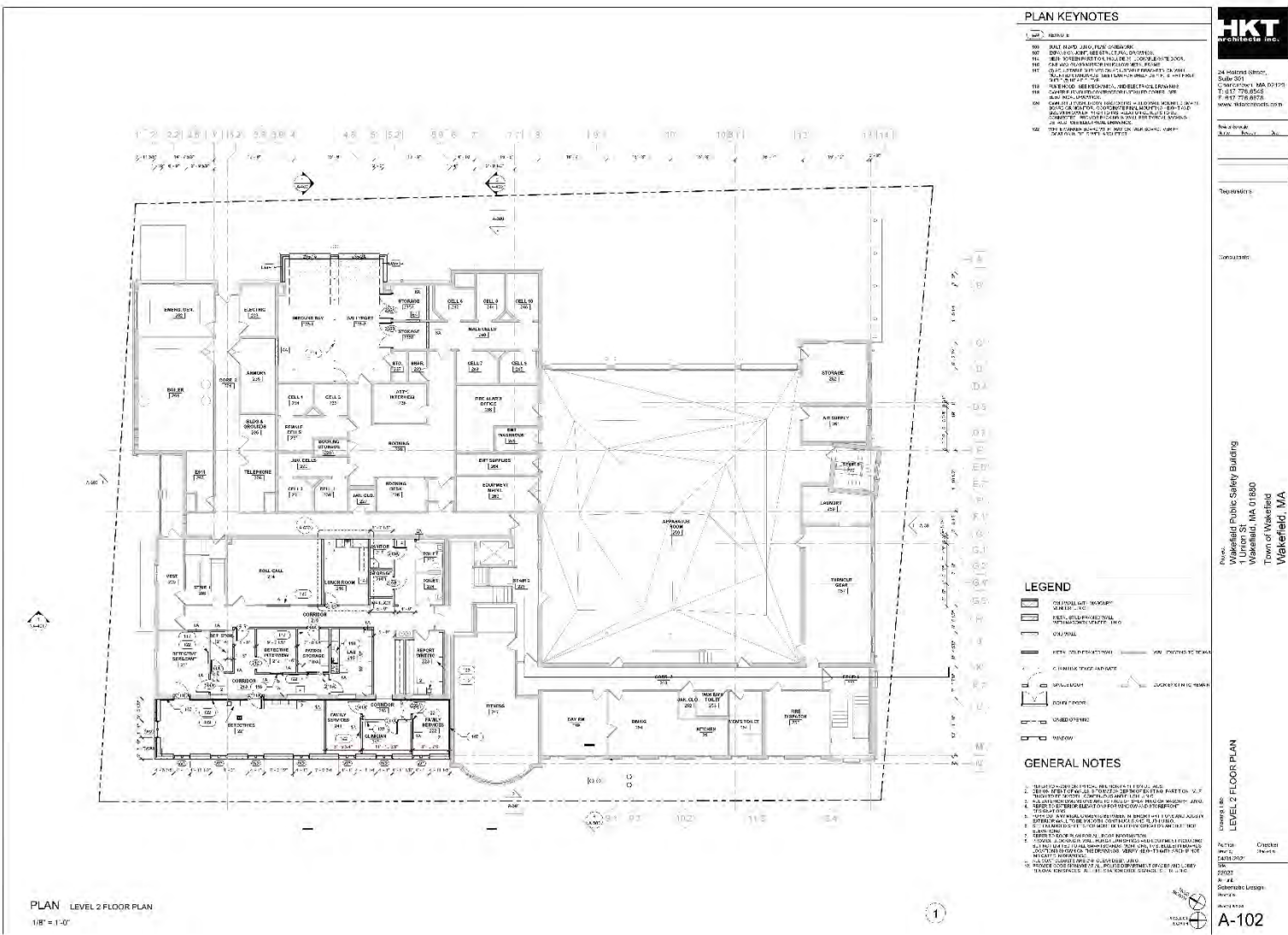
SCHEMATIC DESIGN



HKT
architects inc.



SCHEMATIC DESIGN



PLAN KEYNOTES

- 1. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 2. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 3. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 4. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 5. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 6. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 7. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 8. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 9. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 10. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 11. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.
- 12. ALL ROOMS SHALL BE FINISHED TO THE FINISHES SHOWN ON THE FINISH SCHEDULE.

LEGEND

- 1. OFFICE
- 2. OFFICE
- 3. OFFICE
- 4. OFFICE
- 5. OFFICE
- 6. OFFICE
- 7. OFFICE
- 8. OFFICE
- 9. OFFICE
- 10. OFFICE
- 11. OFFICE
- 12. OFFICE

GENERAL NOTES

- 1. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 2. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 3. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 4. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 5. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 6. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 7. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 8. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 9. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 10. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 11. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.
- 12. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING.



24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE
24 HOURS OFFICE

Wakefield Public Safety Building
1 Union St.
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

LEVEL 2
FLOOR PLAN

PROJECT: Wakefield Public Safety Building
DATE: 10/1/2010
BY: HKT
CHECKED: HKT



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

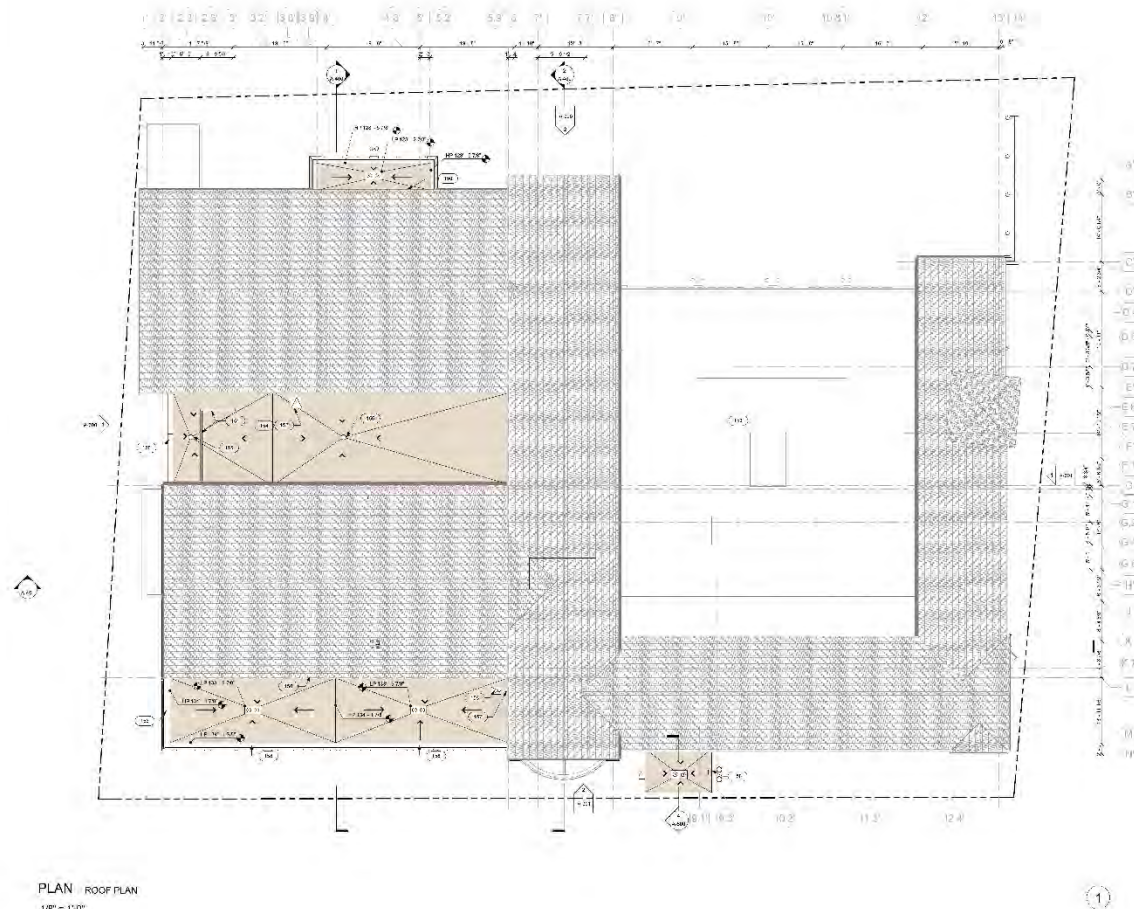
[illegible]

Figure 1: A schematic diagram of a 2D hexagonal lattice. The lattice is composed of hexagonal cells. A central cell is highlighted with a thick border. To its right, a cell is labeled 'C'. Below the central cell, a cell is labeled 'B'. To the left of the central cell, a cell is labeled 'A'. The lattice is divided into two regions by a vertical line. The left region is labeled 'Left' and the right region is labeled 'Right'. The central cell is labeled 'Center'.

1. COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
2. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
3. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
4. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
5. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
6. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
7. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
8. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
9. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS
10. THE COSMOS 2 TO BE AVAILABLE FOR RELEASE PERIODS

24 Malind Street,
Suite 301
Charlottesville, VA 02120
T: 817 778.8545
F: 817 778.8578
www.1840creek.com

Revisé le 10/05/2017

References

Nonsubstantive

Wakefield Public Safety Building
1 Union St
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

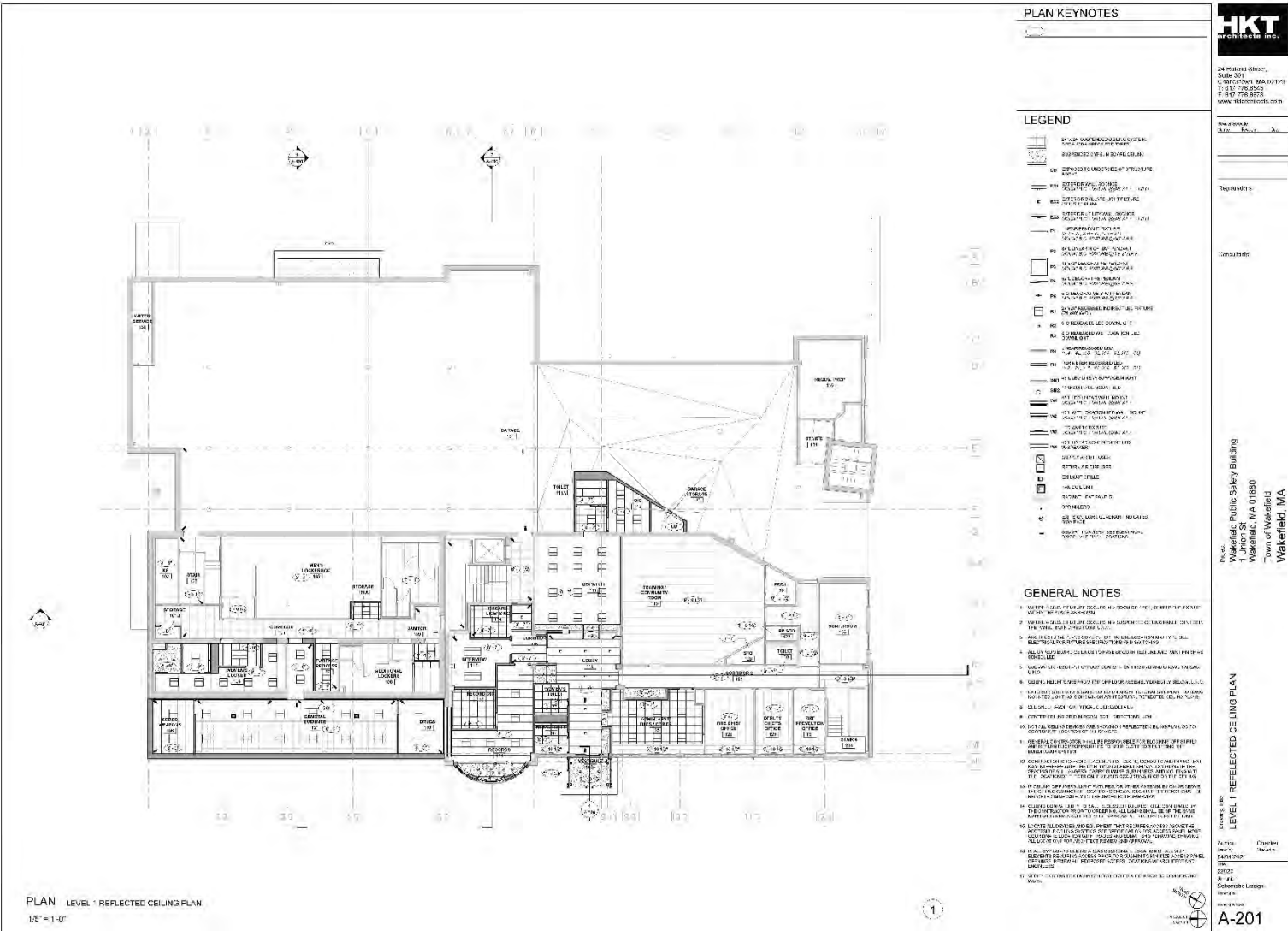
Drawing Title
ROOF PLAN

Author:	Checker:
Issue:	Checked:
DATE: 02/02/2025	

1. *Geometrische Optik*
 2. *Physikalische Optik*
 3. *Wellenoptik*
 4. *Quantenoptik*
 5. *Atomoptik*
 6. *Photonik*
 7. *Lasertechnik*
 8. *Optische Messtechnik*
 9. *Optische Kommunikation*
 10. *Optische Sensorik*
 11. *Optische Bildgebung*
 12. *Optische Datenverarbeitung*
 13. *Optische Signalverarbeitung*
 14. *Optische Informationstechnik*
 15. *Optische Medizintechnik*
 16. *Optische Materialwissenschaft*
 17. *Optische Nanotechnik*
 18. *Optische Biotechnik*
 19. *Optische Umwelttechnik*
 20. *Optische Energietechnik*
 21. *Optische Raumfahrt*
 22. *Optische Luftfahrt*
 23. *Optische Schifffahrt*
 24. *Optische Seefahrt*
 25. *Optische Luftfahrt*
 26. *Optische Seefahrt*
 27. *Optische Luftfahrt*
 28. *Optische Seefahrt*
 29. *Optische Luftfahrt*
 30. *Optische Seefahrt*
 31. *Optische Luftfahrt*
 32. *Optische Seefahrt*
 33. *Optische Luftfahrt*
 34. *Optische Seefahrt*
 35. *Optische Luftfahrt*
 36. *Optische Seefahrt*
 37. *Optische Luftfahrt*
 38. *Optische Seefahrt*
 39. *Optische Luftfahrt*
 40. *Optische Seefahrt*
 41. *Optische Luftfahrt*
 42. *Optische Seefahrt*
 43. *Optische Luftfahrt*
 44. *Optische Seefahrt*
 45. *Optische Luftfahrt*
 46. *Optische Seefahrt*
 47. *Optische Luftfahrt*
 48. *Optische Seefahrt*
 49. *Optische Luftfahrt*
 50. *Optische Seefahrt*
 51. *Optische Luftfahrt*
 52. *Optische Seefahrt*
 53. *Optische Luftfahrt*
 54. *Optische Seefahrt*
 55. *Optische Luftfahrt*
 56. *Optische Seefahrt*
 57. *Optische Luftfahrt*
 58. *Optische Seefahrt*
 59. *Optische Luftfahrt*
 60. *Optische Seefahrt*
 61. *Optische Luftfahrt*
 62. *Optische Seefahrt*
 63. *Optische Luftfahrt*
 64. *Optische Seefahrt*
 65. *Optische Luftfahrt*
 66. *Optische Seefahrt*
 67. *Optische Luftfahrt*
 68. *Optische Seefahrt*
 69. *Optische Luftfahrt*
 70. *Optische Seefahrt*
 71. *Optische Luftfahrt*
 72. *Optische Seefahrt*
 73. *Optische Luftfahrt*
 74. *Optische Seefahrt*
 75. *Optische Luftfahrt*
 76. *Optische Seefahrt*
 77. *Optische Luftfahrt*
 78. *Optische Seefahrt*
 79. *Optische Luftfahrt*
 80. *Optische Seefahrt*
 81. *Optische Luftfahrt*
 82. *Optische Seefahrt*
 83. *Optische Luftfahrt*
 84. *Optische Seefahrt*
 85. *Optische Luftfahrt*
 86. *Optische Seefahrt*
 87. *Optische Luftfahrt*
 88. *Optische Seefahrt*
 89. *Optische Luftfahrt*
 90. *Optische Seefahrt*
 91. *Optische Luftfahrt*
 92. *Optische Seefahrt*
 93. *Optische Luftfahrt*
 94. *Optische Seefahrt*
 95. *Optische Luftfahrt*
 96. *Optische Seefahrt*
 97. *Optische Luftfahrt*
 98. *Optische Seefahrt*
 99. *Optische Luftfahrt*
 100. *Optische Seefahrt*

A-104

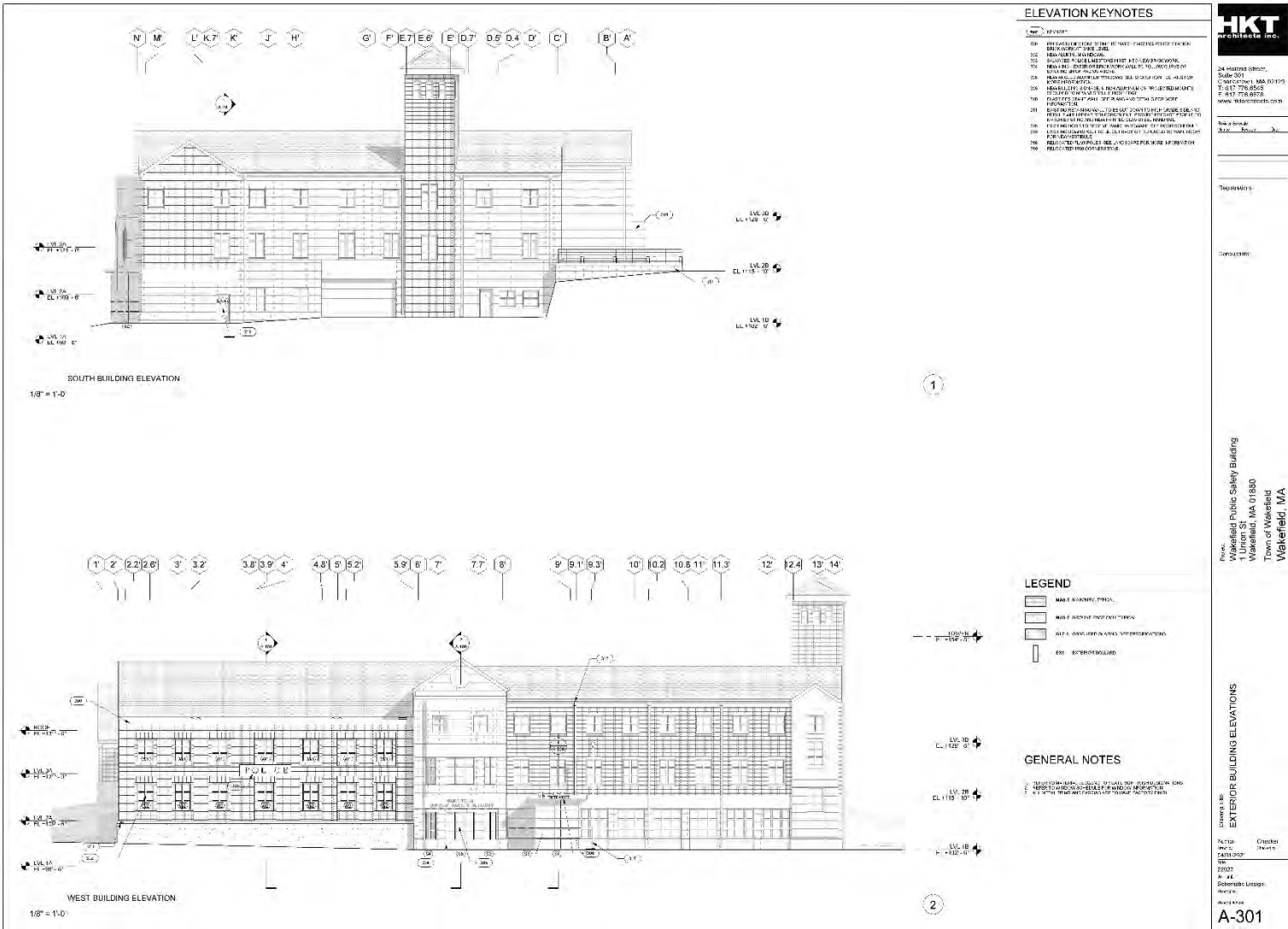
SCHEMATIC DESIGN



HKT
architects inc.



SCHEMATIC DESIGN



Page 1 of 1

References

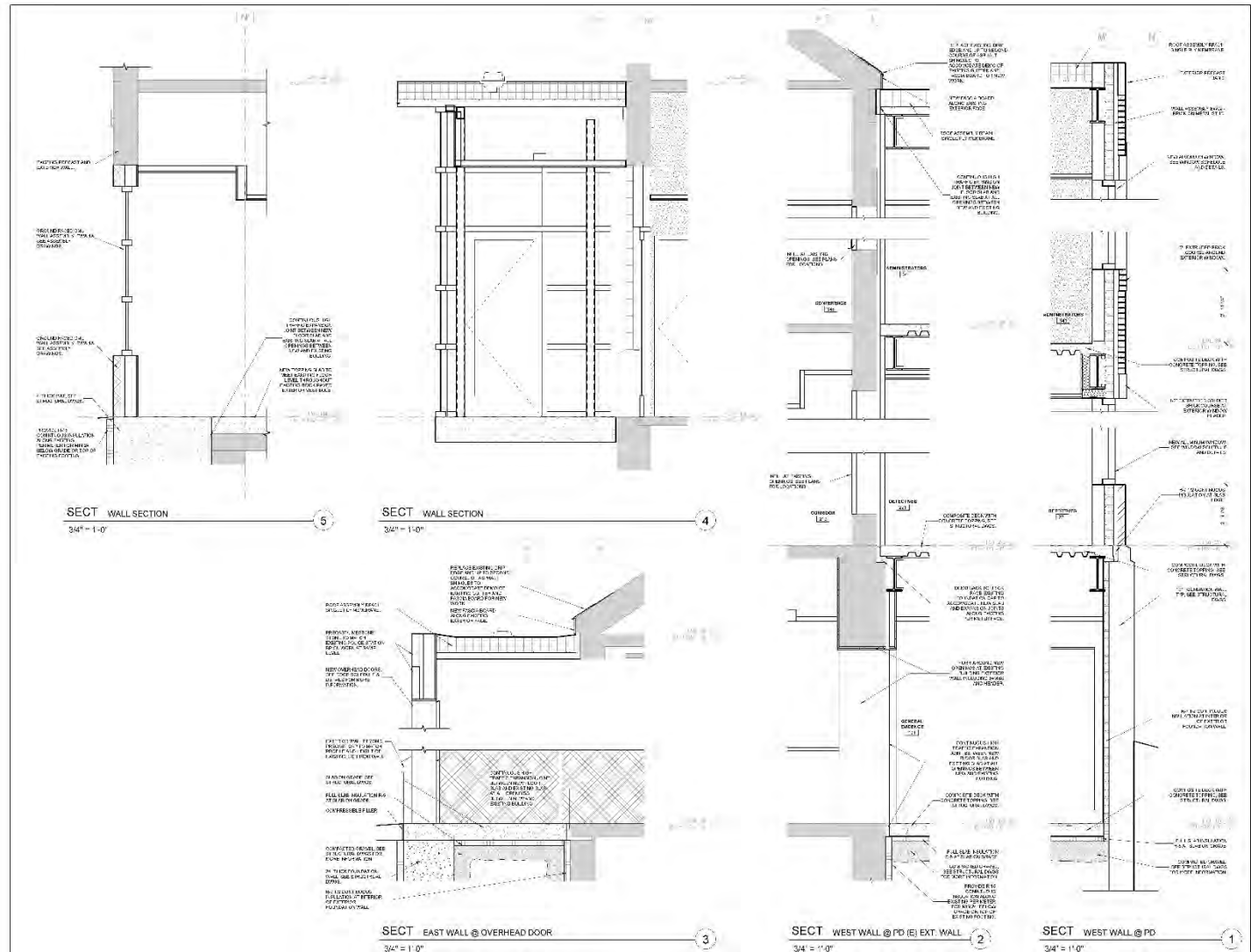
Conclusions

Wakefield Public Safety Building
1 Union St
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

Creating Life WALL SECTIONS

Date: _____
 Page: _____
 Title: _____
 Author: _____
 Schematic Design: _____
 Drawing: _____

A-500



HKT
architects inc.

24 Maitland Street,
Suite 301
Charleston, MA 02129
T: 617 778.8545
F: 617 778.8578
www.tikfornbooks.com

Revised Grade _____
 Date _____

Requirements

Conclusions

KEYNOTES

[illegible]

ELEV 111A_NORTH
1/4" = 1'-0"

ELEV 115 NORTH -

1/4" = 1'-0"

ELEV 115 NORTH
 $\frac{1}{4}'' = 1'-0''$

ELEV 104 NORTH -
1/4" = 1'-0"

ELEV 104_NORTH -
1/4" = 1'-0"

GENERAL NOTES

1. IDENTIFY THE MAIN CONCEPTS AND CONCEPTS.
2. IDENTIFY THE MAIN CONCEPTS AND CONCEPTS OF THE MAIN CONCEPTS.
3. IDENTIFY THE MAIN CONCEPTS AND CONCEPTS OF THE MAIN CONCEPTS.
4. IDENTIFY THE MAIN CONCEPTS AND CONCEPTS OF THE MAIN CONCEPTS.

Wakefield Public Safety Building
1 Union St
Wakefield, MA 01880

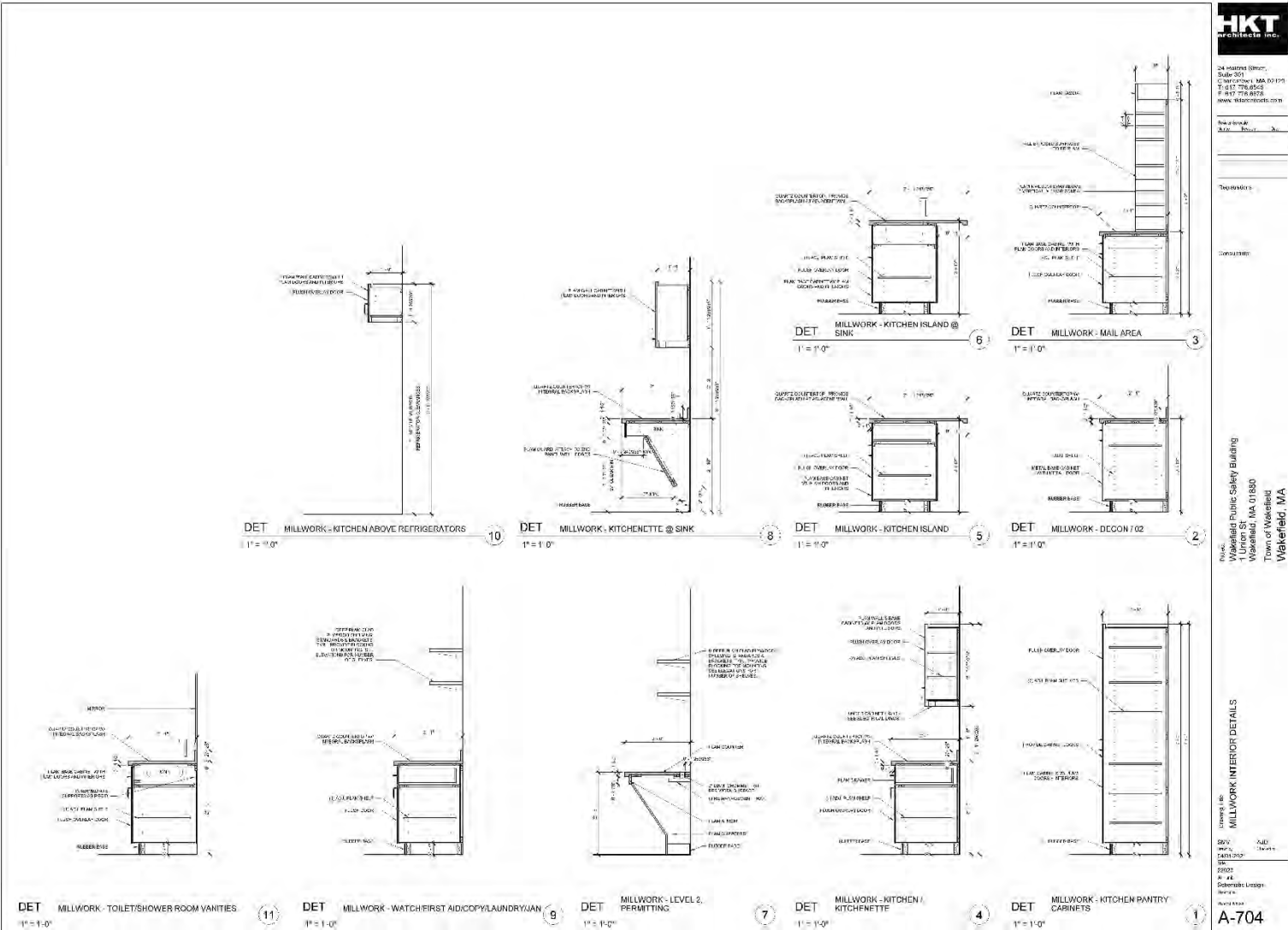
Town of Wakefield
Wakefield, MA

ENLARGED BATHROOM PLANS, INTERIOR ELEVATIONS AND
TOILET ACCESSORIES SCHEDULE

747128	Creeker
747129	Chewers
747130	
747131	
747132	
747133	
747134	
747135	
747136	
747137	
747138	
747139	
747140	
747141	
747142	
747143	
747144	
747145	
747146	
747147	
747148	
747149	
747150	
747151	
747152	
747153	
747154	
747155	
747156	
747157	
747158	
747159	
747160	
747161	
747162	
747163	
747164	
747165	
747166	
747167	
747168	
747169	
747170	
747171	
747172	
747173	
747174	
747175	
747176	
747177	
747178	
747179	
747180	
747181	
747182	
747183	
747184	
747185	
747186	
747187	
747188	
747189	
747190	
747191	
747192	
747193	
747194	
747195	
747196	
747197	
747198	
747199	
747200	

A-610

SCHEMATIC DESIGN



HKT
architects inc.

340 Main Street
Suite 301
Wakefield, MA 01880
T: 617 778-8555
F: 617 778-8575
www.hktarchitects.com

Project Name: _____
Client: _____

Project Number: _____

Project Location: _____

Project Date: _____

Project Status: _____

Project Manager: _____

Project Architect: _____

Project Designer: _____

Project Engineer: _____

Project Contractor: _____

Project Subcontractor: _____

Project Consultant: _____

Project Advisor: _____

Project Observer: _____

Project Participant: _____

Project Stakeholder: _____

Project Sponsor: _____

Project Owner: _____

Project User: _____

Project Beneficiary: _____

Project Impact: _____

Project Legacy: _____

Project Future: _____

Project Vision: _____

Project Mission: _____

Project Values: _____

Project Principles: _____

Project Standards: _____

Project Guidelines: _____

Project Policies: _____

Project Procedures: _____

Project Protocols: _____

Project Practices: _____

Project Performance: _____

Project Results: _____

Project Outcomes: _____

Project Impact: _____

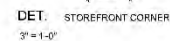
Project Legacy: _____

24 Main St. (corner)
Suite 301
Charlottesville, VA 02170
T: 817 778.8545
F: 817 778.8578
www.1849books.com

Point of Contact
Name: _____ Title: _____

References

References



Wakefield Public Safety Building
1 Union St
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

WINDOW SCHEDULE AND DETAILS

Author Name:	Checked Date:
DATE: 2022	
Page	
22022	
Al - 26	
Governance Lessons	
Learn from	

HKT
architects inc.

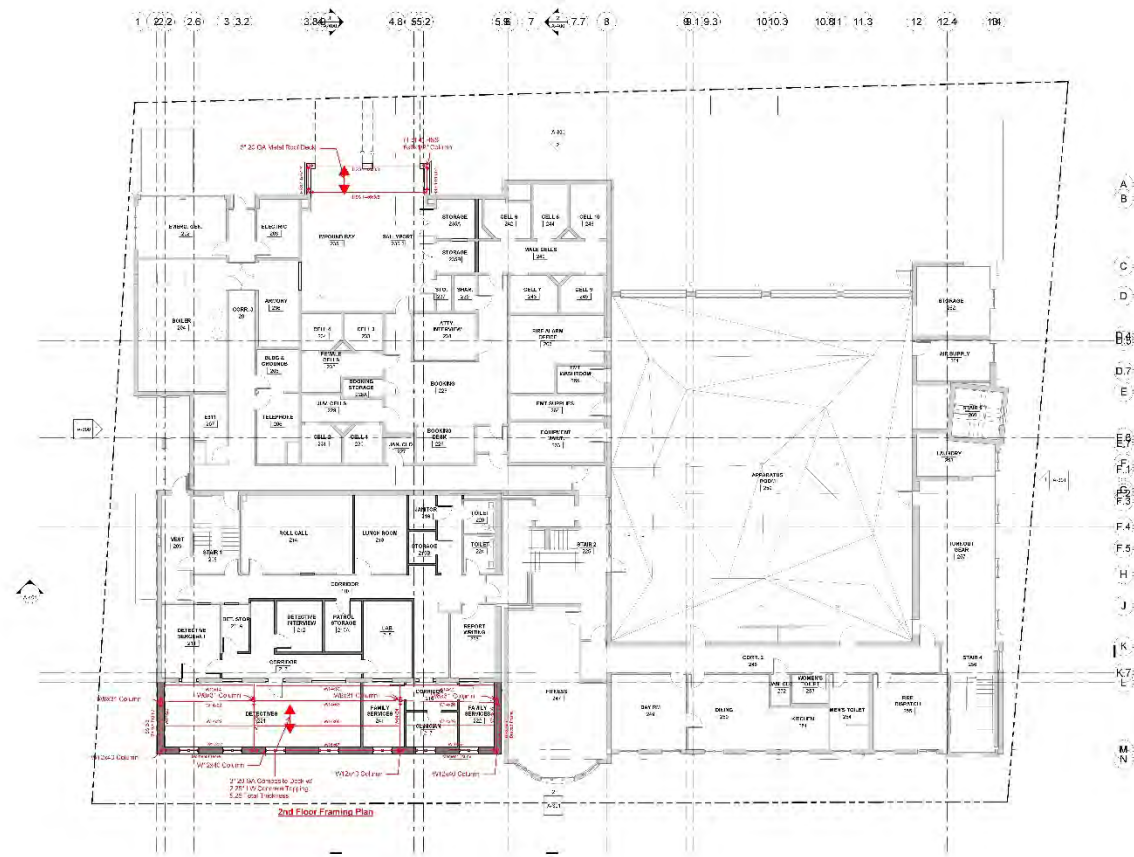
3° = 1' 0"

Hersteller: **Chubb**
 Datum: **2007**
 Jahr: **2007**
 Nr.: **16**
 Genehmigte Leistung: **100000**
 Modell: **A-900**

[illegible]

$$1'8'' = 1'-0''$$


SCHEMATIC DESIGN



PLAN LEVEL 2 FLOOR PLAN
1/8" = 1'-0"



24 Main St. 3rd Floor,
Wakefield, MA 01880
T: 617.775.8545
F: 617.775.8578
www.hktarchitects.com

Scale: 1/8" = 1'-0"
Date: 08/15/18

Project Name:
Wakefield Public Safety Building

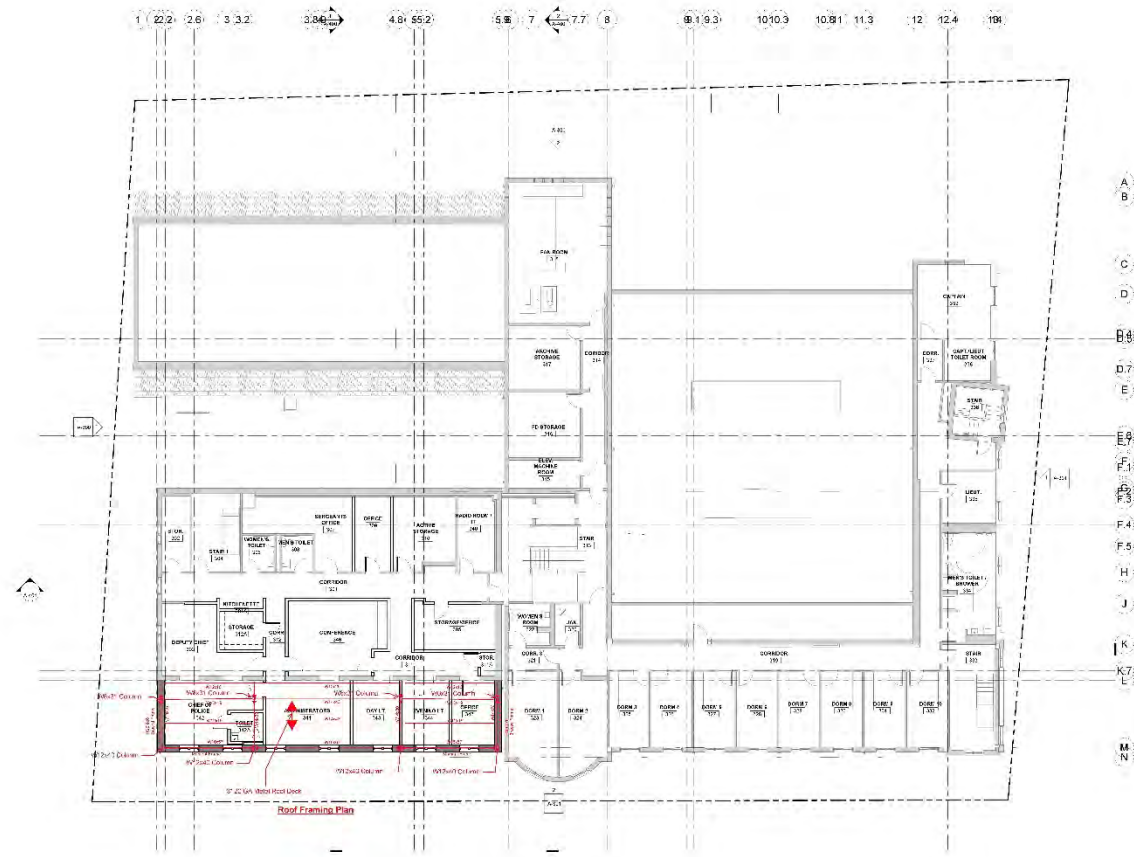
Client:
Town of Wakefield

Project Location:
1 Union St.
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

Project Name:
LEVEL 2 FLOOR PLAN

Architect:
HKT
Project Manager:
HKT
Designer:
HKT
Checker:
HKT
Scale:
1/8" = 1'-0"

SCHEMATIC DESIGN



PLAN LEVEL 3 FLOOR PLAN
1/8" = 1'-0"



34 Main St. 3rd Floor,
Suite 301,
Wakefield, MA 01880
T: 617 778-8845
F: 617 778-8078
www.hktarchitects.com

Scale: 1/8" = 1'-0"

Registration:

Consultant:

Project:
Wakefield Public Safety Building
1 Union St.
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

Issued for:
LEVEL 3 FLOOR PLAN

Author:
Checked:
Date:
Scale:
Sheet:
Drawing:

A-103

HKT
architects inc.

Year	1990	2000	2010
Number of people	100	100	100
Percentage of people	100	100	100

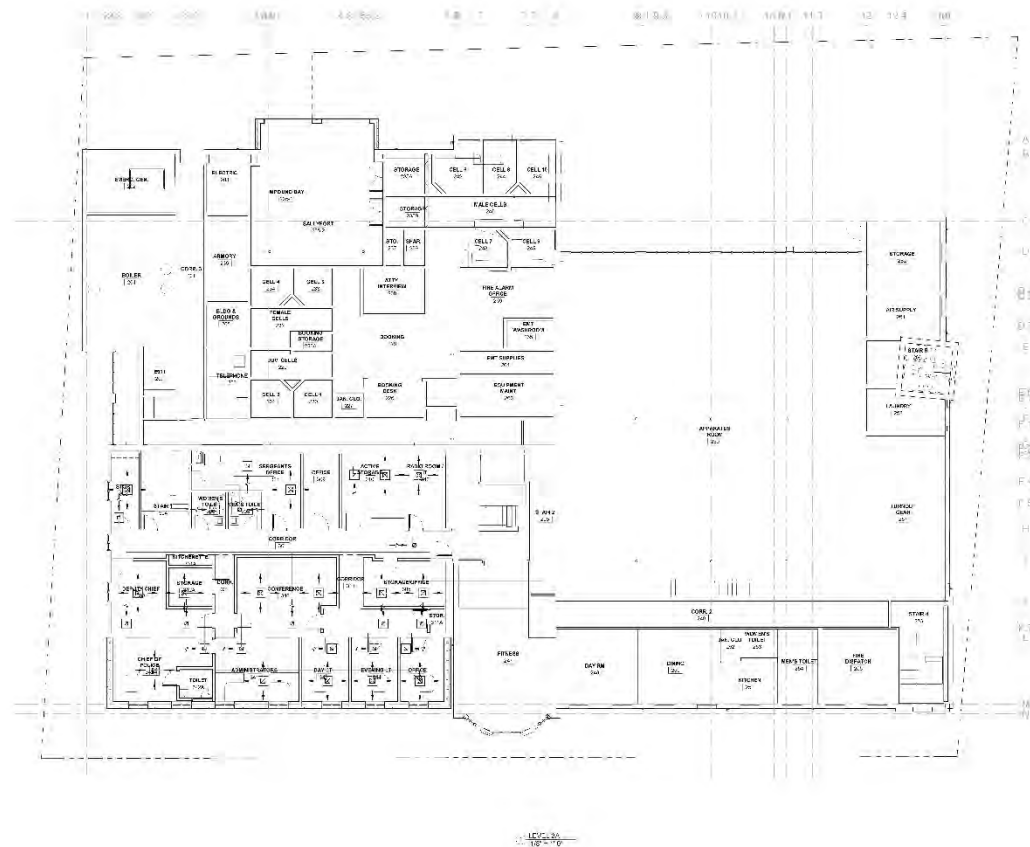
Registrars

Gravitational

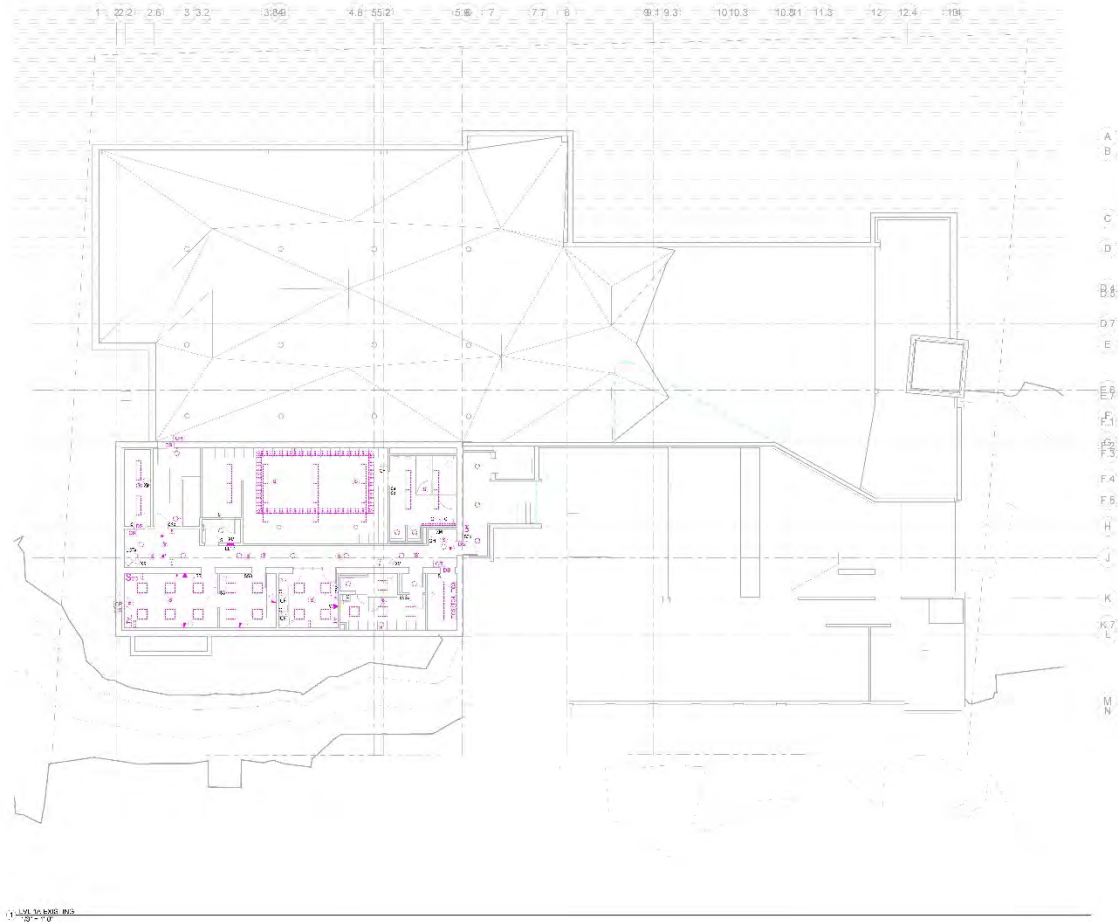
HVAC - LEVEL 3A

Author mwp	Checker thorin
Issue Date 5/6 22/03	
By unit Schonhardt Design	
Version rev 1.0	

M-103



SCHEMATIC DESIGN



GENERAL DEMOLITION NOTES

- 1. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 2. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 3. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 4. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 5. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 6. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.
- 7. DEMOLITION OF EXISTING BUILDING TO BE COMPLETED BY 12/31/2010.



24 Industrial Street,
Suite 501
Worcester, MA 01605
T: 508 778 8545
F: 508 778 8575
www.hktarchitects.com

Scale: 1/8" = 1'-0"

North Arrow

Registration

Comments

Client Name
Project Name
Enter address here
Owner
Wakefield, MA

Project Name
LVL 1A DEMOLITION

NO
REV
Issue Date
Rev
Project Number
Access
Project History
Issued by
ED101A

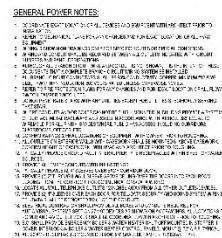
HKT
architects inc.

2000 2001 2002

Conclusions

JIZHANG TITLE
LEVEL 1B POWER

E201B



1. VI. 18 F02HE
DE = 1.27

GENERAL POWERS

- [illegible]

24 Holmdel Rd.,
Suite 301
Charlottesville, VA 22902
T: 817 776.6545
F: 817 776.6578
www.rikarchitects.com

Year 1 2019-20		
100	100	100

Registrations

Conclusions

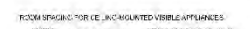
Project Name
Enter address here

Owner
Wakefield, MA

Jizhang title
 LVL 2B POWER

From	To
Issue Date	2008-5
Id	
Project Number	
Article	
Project Status	
Issued by	

E202B



NOTES:

- [illegible]

NOTES

- | | |
|---|---|
| <p>1. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI TENAGA LISTRIK</p> <p>2. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR</p> <p>3. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI GAS</p> <p>4. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>5. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>6. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>7. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>8. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>9. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>10. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> | <p>1. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI TENAGA LISTRIK</p> <p>2. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR</p> <p>3. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI GAS</p> <p>4. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>5. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>6. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>7. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>8. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>9. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> <p>10. ANALISA TERHADAP BENTUK DAN FUNGSI KONTROL PADA SISTEM DISTRIBUSI AIR LARUTAN</p> |
|---|---|

BOOKS RECEIVED FROM THE PUBLISHERS (1-10) VISIBILITY APPHENDIX

[illegible]

Rede e Corridor	1990	Rede e Corridor	2000
1	2	3	4

Regulation

Conclusions

Project Name
Enter address here

Owner
Wakefield, MA

**JOURNAL OF
FIRE ALARM RISER**

ISSN	1547-7381
Volume	2008-5
Issue Date	
RA	
Project Manager	
Advertiser	
Project Editor	
Project Editor	

E400

HKT
architects inc.

姓名: _____ 学号: _____ 班级: _____

Conclusions

Drawing title: **LEVEL 3 FLOOR PLAN - PLUMBING DEMO**
 Date: 01/01/2021
 Author: CAG
 Checked: SCS
 Project: 2025
 Project Name: Schematic Design
 Project Location:

P-103

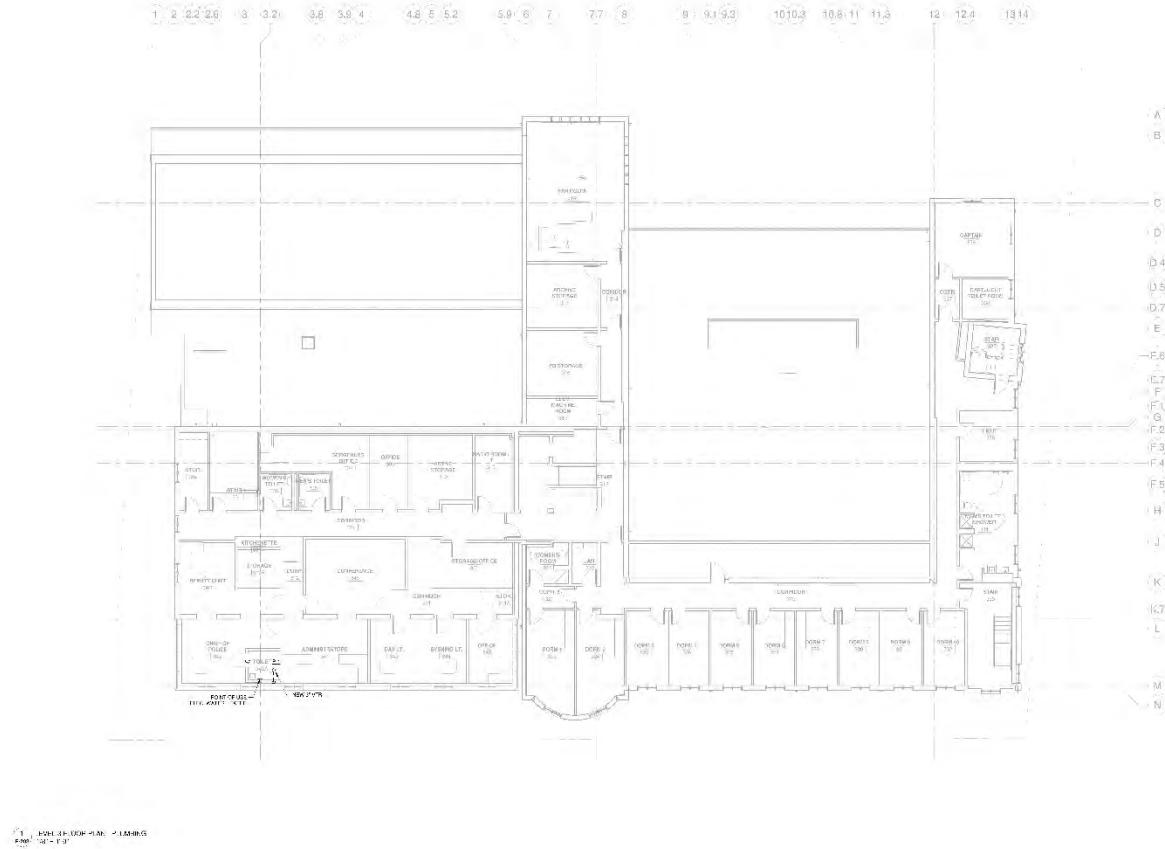
HKT
architects inc.

Page 12 of 12

Grupos e temas

Drawing Title:
LEVEL 3 FLOOR PLAN - PLUMBING

P-203



Revised 10/20/00

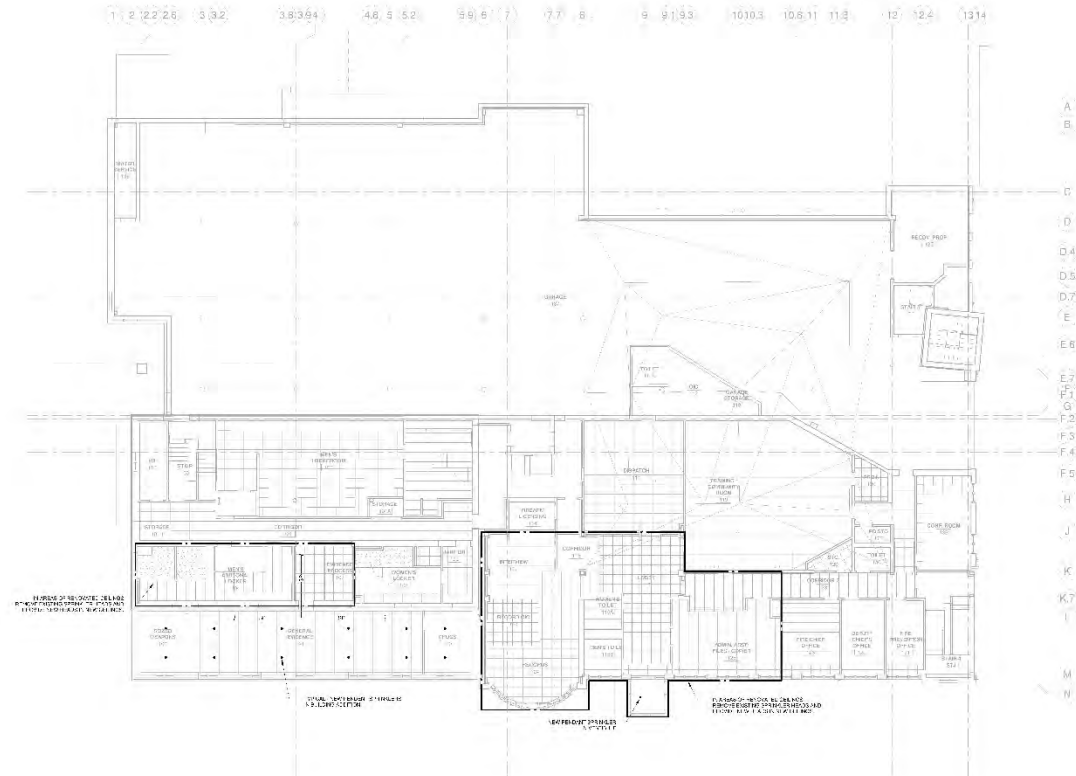
Regulations

Group 1 trials

Drading Title
LEVEL 1 RCP FIRE PROTECTION

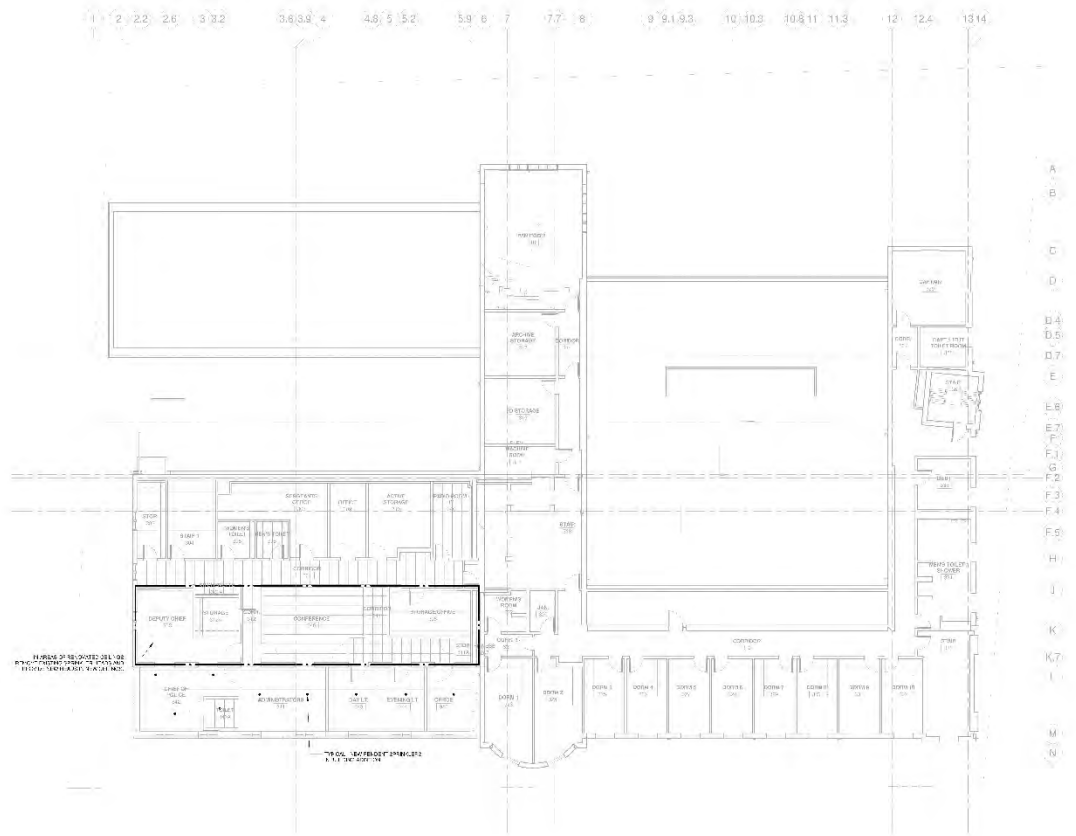
F-20	C-465
Yearly	Shed 11
05-01-2021	
Jul	
12022	
12022	
Schematic Design	
12022	

FP-201



LEVEL 1 FOR FIRE PROTECTION

SCHEMATIC DESIGN



1" = 10' RCP FIRE PROTECTION
1" = 10'



14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

Scale:
1" = 10'

Regulations

Comments

Project:
Wakefield Public Safety Building
1 Union St.
Wakefield, MA 01880
Town of Wakefield
Wakefield, MA

Project Name:
LEVEL 3 RCP FIRE PROTECTION

Project:
14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

Project:
14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

Project:
14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

Project:
14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

Project:
14 Robert Street,
Suite 201
Wakefield, MA 01880
T: 617 779-8543
F: 617 779-8579
www.hkt-arch.com

NEXT STEPS

- Current schedule is that while estimates are being prepared design team will continue work
 - Review Schematic Phase Documents
 - Begin Design Development Documents
- Should estimate exceed budget, discussion will need to begin immediately on what changes will need to be made
- Other Issues that will affect timeline:
 - Early Release Packages
 - Changes to foundations or structure