# Relief Fire Company No. 1 Addition / Renovation

**Block 86, Lots 4, 5, 10, 11, 21, 22, 22.01 and 23**

**17 Pine Street**

**Mount Holly, New Jersey**

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**Owner:**

MT Holly Fire District No. 1  
17 Pine Street  
MT Holly, NJ 08060  
609-261-7233

**Architect:**

Regan Young England Butera, PC  
456 High Street  
MT Holly, NJ 08060  
609-265-2890

**Site Engineer:**

Pennoi Associates, Inc  
515 Grove Street, Suite 1B  
Haddon Heights, NJ 08035  
856-656-2890

**Structural Engineer:**

Harrison-Hamnett, P.C.  
40 Knowles Street  
Pennington, NJ 08534  
609-988-1808

**MEP Engineers:**

Kelter and Gilligo Consulting Engineers  
P.O. Box 777, 14 Washington Road  
Princeton Junction, NJ 08550  
609-799-8336, FAX 609-275-9306

**Construction Manager:**

Greyhawk Construction Managers + Consultants  
2000 Milestone Drive, Suite 210  
Mount Laurel, NJ 08054  
856-722-1800

**Kitchen Consultant:**

Taff Nash Food Service Design  
4 Spring House Lane  
Denver, PA 17517

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**List of Drawings**

- CS: Cover Sheet
- CM001: Cover
- CM002: General Notes
- CM050: Existing Conditions and Demolition Plan
- CM101: Site Plan
- CM102: Grading Plan
- CM103: Utility Plan
- CM200: Landscape Plan
- CM201: Lighting
- CM600: Construction Details-1
- CM602: Construction Details-2
- CM603: Construction Details-3
- CM650: Soil Erosion and Sediment Control Plan
- CM651: Soil Erosion and Sediment Control Notes
- CM652: Soil Erosion and Sediment Control Details
- EC.1: Existing Exterior Photos
- EC.2: Existing Interior Photos
- EC.3: Existing Interior Photos
- A1.0: Code Analysis
- A1.1: Code Analysis
- A1.2: COMCHECK Analysis
- A1.3: Use Group, Egress and Signage Plans
- A1.4: Demolition Floor Plans
- A1.5: Demolition Elevations
- A2.0: Fire Rating Plan
- A2.1: Finish Schedule and Wall Types
- A2.2: First Floor & Enlarged Plans
- A2.3: Second Floor & Roof Plans
- A2.4: Furniture and Equipment Plans
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- A2.6: Building Sections
- A2.7: Door - Window Types & Details
- A2.8: Enlarged Plans
- A2.9: ALTS - Lockers & Millwork
- A2.10: Misc. Details
- A2.11: Misc. Details
- A2.12: Misc. Details
- A2.13: Reflected Ceiling Plans

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**Commission No.:**

5475B

**Drawn By:**

Regan Young, AIA

**Revised Date:**

01 July 2020

**Cover Sheet**

21AI00912100
PLANTING NOTES

1. ALL PLANT MATERIAL SHALL BE SHIPPED TO THE SITE AND CONSTRUCTION APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  ALL PLANT MATERIAL TO BE SHIPPED TO THE SITE AND CONSTRUCTION APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  ALL PLANT MATERIAL TO BE SHIPPED TO THE SITE AND CONSTRUCTION APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

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LANDSCAPE MAINTENANCE NOTES AND GUARANTEE

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1. Topsoil stockpile shall be surrounded by silt fence.

2. Stockpile shall receive temporary vegetative stabilization in accordance with the plan drawings.

3. Seed and soil amendments shall be applied according to the rates in the plan drawings prior to installing the blanket.

4. Bags must be disposed of according to the disposal recommendations.

5. Bags shall have good continuous contact with underlying soil throughout the entire length. Lay blanket across a heading or drain to maintain direct contact with soil. Do not perforate blanket.

6. The blanket shall be maintained in accordance with the manufacturer's recommendations.

7. Blanket strips shall be removed and saved for future reuse. Site is permanent.

8. Water will be filtered and bypassed at the inlet. Pump discharge will be free of rocks, sticks, debris, and sand.

9. The pump discharge shall be free of rocks, sticks, debris, and sand.

10. All dimensions must be verified by contractor.

11. Blanket shall be installed in accordance with the manufacturer's recommendations.

12. Stockpile shall be surrounded by silt fence.

13. Silt fence shall be installed in accordance with the manufacturer's recommendations.

14. Pump discharge shall be free of rocks, sticks, debris, and sand.

15. Bag shall be installed per manufacturer's recommendations.

16. Bags must be disposed of according to the disposal recommendations.

17. Bags may not be reused.

18. Bags must be installed per manufacturer's recommendations.

19. Bags shall have good continuous contact with underlying soil throughout the entire length. Lay blanket across a heading or drain to maintain direct contact with soil. Do not perforate blanket.

20. The blanket shall be maintained in accordance with the manufacturer's recommendations.
TITLE: MTHFIR RELIEF ADDITION/RENOVATIONS
BLOCK 86, LOTS 4, 5, 10, 11, 21, 22, 22.1 AND 23
17 PINE STREET
MOUNT HOLLY, NEW JERSEY

EXISTING INTERIOR PHOTOS

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Upon completion of the Work, and before the issuance of a Certificate of Occupancy, the owner or contractor shall conform with the regulations of the Code applicable to the Work for which the permit was issued, including prior approvals and any approved amendments thereto, that the permit has not been canceled, or set aside, and that the owner or contractor has paid, or has arranged to pay for the Code Inspections to which the Work is subject. A discrepancy report by the Construction Official shall be issued, including prior approvals and any approved amendments thereto, that the permit has not been canceled, or set aside, and that the owner or contractor has paid, or has arranged to pay for the Code Inspections to which the Work is subject. A discrepancy report by the Construction Official shall be issued.

Penalties for non-compliance with the provisions of this Code shall be provided in accordance with Section 5:23-3.15(a)1 of the International Fire Code (IFC) as adopted by the NJUCC.

Fire Partitions shall extend from the top of the foundation or floor assembly below to the underside of the floor or roof assembly above. Where the weight of lay-in ceiling panels, used as part of fire-resistance-rated partitions, is supported by the fire-resistance-rated assembly, the fire-resistance-rated assembly shall be maintained in accordance with the requirements of the Code.

The Contractor shall allow for Code Inspections to be conducted as necessary before the issuance of the Certificate of Occupancy or approval of the Work by the Construction Official. A-4

The Contractor shall allow for Code Inspections to be conducted as necessary before the issuance of the Certificate of Occupancy or approval of the Work by the Construction Official. Section 5:23-3.15(a)1 of the International Fire Code (IFC) as adopted by the NJUCC shall apply to each portion of an approved legible permanent design and shall be maintained by the Owner or the person responsible for it in a readily visible place, stating the Use Group, and the provisions of this Code applicable to that portion of the Work.

Where the weight of lay-in ceiling panels, used as part of fire-resistance-rated assembly, is supported by the fire-resistance-rated assembly, the fire-resistance-rated assembly shall be maintained in accordance with the requirements of the Code.

Horizontal Assemblies shall be of materials permitted by the building type construction used to protect the mezzanine is located. In determining the allowable mezzanine area, the area of the portion thereof shall be based on the most restrictive allowances for the Occupancy group of the Use Group as established in this Code.

Where the weight of lay-in ceiling panels, used as part of fire-resistance-rated assembly, is supported by the fire-resistance-rated assembly, the fire-resistance-rated assembly shall be maintained in accordance with the requirements of the Code.

Where the weight of lay-in ceiling panels, used as part of fire-resistance-rated assembly, is supported by the fire-resistance-rated assembly, the fire-resistance-rated assembly shall be maintained in accordance with the requirements of the Code.

Fire doors shall be latching and self- or automatic-closing in accordance with Section 5:23-6.5(e)8 of the International Fire Code (IFC) as adopted by the NJUCC.

Test assemblies emerging from above the panels to prevent heat and smoke from entering the protected area. Where the test assemblies are permitted to be of materials permitted by the building type construction used to protect the mezzanine is located. In determining the allowable mezzanine area, the area of the portion thereof shall be based on the most restrictive allowances for the Occupancy group of the Use Group as established in this Code.

The area of the most restrictive allowances for the Occupancy group of the Use Group as established in this Code.

The Contractor shall allow for Code Inspections to be conducted as necessary before the issuance of the Certificate of Occupancy or approval of the Work by the Construction Official.
### Envelope Compliance Certificate

#### Project Information
- **Project Title:** MT HOLLY FIRE RELIEF ADDITION 2020
- **Location:** MT HOLLY, New Jersey 08060
- **Date:** 07/08/20

#### Building Area

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<th>Area Description</th>
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<td><strong>Bays</strong></td>
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<td><strong>Admin Areas</strong></td>
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<td>5251</td>
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#### Fund Area

- **Area:** 7250
- **Perimeter:** 5251

#### Envelope Assemblies

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<td><strong>Equipment Bays</strong></td>
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#### Compliance Statement

Envelopes that have passed the mandatory requirements listed in the Inspection Checklist.

Envelopes that have passed code.

**Envelope Compliance Certificate:**

- **Project Title:** MT HOLLY FIRE RELIEF ADDITION 2020
- **Location:** MT HOLLY, New Jersey 08060
- **Date:** 07/08/20

**Report date:** 121 of page
GENERAL NOTES:
- ALL DIMENSIONS SHOWN ARE APPROXIMATE AND SUBJECT TO FIELD VERIFICATION.
- CONTRACTOR IS TO VERIFY AND CONFIRM WOOD BEAMS AND BELL MOUNT.
- ALL EXISTING INTERIOR FINISHES AND MATERIAL EXISTING TO BE REMOVED.
- ALL EXISTING ELECTRICAL, PLUMBING AND MECHANICAL TO BE DISCONNECTED AND REMOVED.
- CONTRACTOR TO VERIFY THE LOCATION AND TYPE OF ALL EXISTING UNDERGROUND SERVICES.
- ALL EXISTING INTERIOR WIRING TO BE DISCONNECTED AND REMOVED.
- FOLLOW THE STRUCTURAL AND MECHANICAL DRAWINGS.

ASBESTOS ABATEMENT:
- ALL EXISTING ASBESTOS CONTAINING MATERIALS SHALL BE REMOVED BY CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

ROOF ATTIC PLAN

CUPOLA PLAN (ALT-BID 07)

DESTRUCTION NOTE:
- FOLLOW THE STRUCTURAL AND MECHANICAL DRAWINGS.

TERMITES TREATMENT NOTE:
- FOLLOW THE STRUCTURAL AND MECHANICAL DRAWINGS.

ADRIMETAL STEEL FLAT ROOF RESTORATION @ CUPOLA (ALT-BID 07)
REPLACE BROKEN GLAZING
REPAIR ALL EXISTING CMU WALL
G.C. SHALL REMOVE ALL VEGETATION GROWTH OFF BUILDING.
NOTE:
1. REMOVE AND RELOCATE TELECOM BOXES AS REQUIRED. PATCH WALL TO MATCH EXISTING FOUNDATION IN IT'S ENTIRETY.
2. REMOVE EXISTING EXHAUST FAN ASSEMBLY AND INFILL WALL TO MATCH EXISTING FOUNDATION.
3. REMOVE EXISTING EXHAUST HOOD ASSEMBLY AND INFILL WALL TO MATCH EXISTING FOUNDATION IN IT'S ENTIRETY.

WEST ELEVATION (PINE STREET)

NOTE 1
- REMOVE ALL EXISTING METAL LINTEL AND REPLACE IN KIND AND REPAIR EXISTING CMU WALL CRACKS.
- DEMOLISH EXISTING CHIMNEY AND FOUNDATION TO BE REMOVED PATCH AREA OF EXISTING BUILDING AND FOUNDATION IN IT'S ENTIRETY.
- PATCH WALL TO MATCH EXISTING FOUNDATION IN IT'S ENTIRETY.
- DEMOLISH EXISTING CHIMNEY AND FOUNDATION IN IT'S ENTIRETY.
- PATCH ROOF SHEATHING GLAZING
- REPAIR TOP SASH ON EXISTING HISTORIC STORM WINDOW, FOLLOW SHEET A2.5
- HISTORIC POINTS AND LINTEL TO MATCH EXISTING FOUNDATION.
- REMOVE PORTION OF EXISTING WALL FOR NEW DOOR OPENING
- REMOVE EXISTING DOOR ASSEMBLY AND INFILL WALL TO MATCH EXISTING FOUNDATION.
- REMOVE EXISTING FASCIA AND INFILL WALL TO MATCH EXISTING FOUNDATION.
- REMOVE EXISTING AC TO MATCH EXISTING HISTORIC ARTIFACTS IN HISTORY ROOM 1(127). FOLLOW SHEET A1.4
- ADDITIONAL RESTORATION FOLLOW ELEVATIONS FOR EXISTING OVERHEAD DOOR 1 MUST REMAIN OPERATIVE TO PERMIT USE.

NOTE 2
- REMOVE ALL EXISTING METAL LINTEL AND REPLACE IN KIND AND REPAIR EXISTING CMU WALL CRACKS.
- DEMOLISH EXISTING CHIMNEY AND FOUNDATION TO BE REMOVED PATCH AREA OF EXISTING BUILDING AND FOUNDATION IN IT'S ENTIRETY.
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<th>Wall Type</th>
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**HISTORIC STORM WINDOW TYPES**

- **Type A**: Laminated Interlayer
- **Type B**: Two layers of 1/4" thick tempered lite
- **Type C**: Fully tempered

**DOOR TYPES**

- **F1**: 2'-8"+/-
- **F2**: 2'-5"
- **F3**: 2'-5"+/-

**FRAME TYPES**

- **Type D**: Wood frame
- **Type E**: Aluminum and entrance storefront

**WINDOW TYPES**

- **Type F**: Historic storm window

**TYPICAL WALL PROTECTION DETAIL**

- **Type G**: Wall protection

**TYPICAL DOOR HEAD/JAMB DTLS**

- **Type H**: Door head/jamb

**NOTES:**
1. Cont. sealant @ all sides of frames & adj. wall const. (Typ.)
2. All PDR/Frames @ CDO walls shall be grouted solid (Typ.)
3. Refer to wall types for additional information (Typ.)

**DRAWING DATE:** [A2.6]
AUTOMATIC SLIDE POLE DETAIL

NOTES:
1. OPEN GATE SENSORS (2)
2. LIGHT AND ON OFF SWITCH
3. ELECTRONICS AND MOTOR COVER
4. SELF CLOSING GATES OPEN OUT

GENERAL NOTE:
GC TO MODIFY OWNER PROVIDED EXISTING SLIDE POLE TO SUIT NEW CONSTRUCTION AND PROVIDE ADDITIONAL POLE LENGTHS, CONNECTION, LANDING MAT AND OTHER REQUIREMENTS TO PROVIDE FULLY FUNCTIONAL SLIDE POLE.

EQUIPMENT BAYS
MEZZANINE LEVEL (DATUM 15.10')
STAIR DETAIL
01
SECCTION THRU- STAIR
02

PREFABRICATED METAL GRATING STAIR AND LANDING ASSEMBLY
GALV. METAL GRATING STAIR TREAD AND RISER ASSEMBLY TYP.
GALV. METAL GRATING STAIR LANDING ASSEMBLY TYP.
GALV. METAL 1 1/2" DIA. HANDRAIL ASSEMBLY
GALV. METAL WIRE MESH GUARDRAIL ASSEMBLY TYP.
GALV. METAL 1 1/2" DIA. HANDRAIL AND POST ASSEMBLY TYP.
GALV. METAL WIRE MESH GUARDRAIL ASSEMBLY TYP.
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MEMBRANE FLASHING EXTEND 4" MIN. @ WALL TO DECK TRANSITION

CONTINUOUS 4" WIDE STRIP MEMBRANE FIELD MEMBRANE BY ROOF MANUF. (TYP.)

AIR & MOISTURE BARRIER TAPE SELF-SEALING, SELF-ADHERING

28'-6" A.F.F. TOP OF PARAPET

FLASHING DETAIL @ DOOR TYP.

RAKE DETAIL TYP.

EAVE DETAIL TYP.

METAL COUNTER FLASHING

2" X W.P.T BLOCKING NEW LOCKING METAL COPING CLIP ASSEMBLY

AIR & MOISTURE BARRIER TAPE SELF-SEALING, SELF-ADHERING

CONCEALED SPLICE PLATE @ PREFIN. METAL COPING W/ NEW 2"X W.P.T BLOCKING

STRUCTURAL DWGS. STEEL BEAM FOLLOW ON VAPOR BARRIER

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL UNDERLAYMENT SYNTHETIC ROOF

FLUSH-APPLICATION, FLAT-FLOOR TIMBER CONSTRUCTION EXPANDED MGO BOARD IN CORNER AREA AND DOOR THRESHOLD AREA

ASSURE FULL CONTACT OF COMPOSITE EXTERM METAL TRIM TO WALL Field Partitions, Painted Steel

SIDEWALL FLASHING BUTYL TAPE OR SEALANT (TYP.)

JOINT LOCATIONS TYP.

PREFORMED METAL WRAP

NEW 2"X TRIM PANEL UPTURN LEG

METAL DECKING UNDERLAYMENT SYNTHETIC ROOF

METAL ROOF PANEL

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL DECKING UNDERLAYMENT SYNTHETIC ROOF

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METAL DECKING UNDERLAYMENT SYNTHETIC ROOF

METAL ROOF PANEL

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL DECKING UNDERLAYMENT SYNTHETIC ROOF

STAND-ALONE ROOF SYSTEM SPECIFIED

MEMBRANE FLASHING "RUN VERTICAL UP WALL COLD APPLIED FLUID WATERPROOFING -"

@ WALL TO DECK TRANSITION CONTINUOUS 4" WIDE STRIP MEMBRANE HORIZONTAL ONTO FIELD SUBSTRATE

FIELD MEMBRANE BY ROOF MANUF. (TYP.)

AIR & MOISTURE BARRIER TAPE SELF-SEALING, SELF-ADHERING

28'-6" A.F.F. TOP OF PARAPET

FLASHING DETAIL @ DOOR TYP.

RAKE DETAIL TYP.

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METAL COUNTER FLASHING

2" X W.P.T BLOCKING NEW LOCKING METAL COPING CLIP ASSEMBLY

AIR & MOISTURE BARRIER TAPE SELF-SEALING, SELF-ADHERING

CONCEALED SPLICE PLATE @ PREFIN. METAL COPING W/ NEW 2"X W.P.T BLOCKING

STRUCTURAL DWGS. STEEL BEAM FOLLOW ON VAPOR BARRIER

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL UNDERLAYMENT SYNTHETIC ROOF

METAL ROOF PANEL

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL

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STRUCTURAL DWGS. STEEL BEAM FOLLOW ON VAPOR BARRIER

VENTED METAL SOFFIT METAL CLOSURE TRIM

METAL ROOF PANEL UNDERLAYMENT SYNTHETIC ROOF

METAL ROOF PANEL
TITLE:
RELIEF FIRE COMPANY NO. 1
ADDITION / RENOVATION

H6
TITLE: RELIEF FIRE COMPANY NO. 1
ADDITION/RENOVATION
51 PINE STREET
MOUNT HOLLY, NEW JERSEY

COMMISION NO.: P4
DRAWN BY: KELTER & GILLIGO
CONSULTING ENGINEERS

REVISION DATE: 01 JULY 2020
DRAWING DATE: 01 JULY 2020

BLOCK 86, LOTS 4, 5, 10, 11, 21, 22, 22.01 AND 23
TITLE: BLOCK 86, LOTS 4, 5, 10, 11, 21, 22, 22.01 AND 23
17 PINE STREET
MOUNT HOLLY, NEW JERSEY
RELIEF FIRE COMPANY NO. 1
ADDITION / RENOVATION
SANITARY RISER DIAGRAMS - PLUMBING
P9
RELIEF FIRE COMPANY NO. 1
ADDITION / RENOVATION
SITE PLAN AND DETAILS - ELECTRICAL

5475B
KELTER & GILLIGO consulting engineers
17 PINE STREET
MOUNT HOLLY, NEW JERSEY
01 JULY 2020
BLOCK 86,  LOTS 4, 5, 10, 11, 21, 22, 22.01 AND 23
ADDITION / RENOVATION