

FIELD REPORT No. 06

ROUDENBUSH COMMUNITY CENTER REHABILITATION

DATE/TIME: Mar 1, 2018 – Apr 4, 2018 (Project Meetings on Mar 7, 21, 28 & Apr 4)
PURPOSE: Construction Progress Summary
PRESENT: Don Mills, Architect / Mills Whitaker Architects LLC
Ron Marsden, Architect's Site Rep (Clerk) / Delmont Construction Services
Bill Kenison, Owner's Project Manager / Town of Westford
Jeanne Roberts, Permanent Town Building Committee / Town of Westford
Steve Salemi, Project Manager / NELCO Worldwide
Stevan Gauthier, Project Superintendent / NELCO Worldwide
Alexander Castelluccio, Project Administrator / NELCO Worldwide (3/28)
Shawn Chamberlin, Safety Officer / NELCO Worldwide (3/28 & 4/4)
Greg Nowak, Structural Designer / Structures North Consulting (3/7)

LOCATION: On Site

ITEMS REVIEWED:

- 06.1 Interior concrete placement has been substantially completed with the exception of housekeeping pads. UTS reviewed each pour and all test results have continued to be satisfactory to date.
- 06.2 Floor openings for the elevator hoistway have been provided at each level. Shoring and guardrails have been installed adjacent to and around the openings. CMU and reinforcing rods have been delivered to the site. Submittals for grouting of cores needs to be provided. UTS will review reinforcing and test grout.
- 06.3 The placement of LVL and PSL beams, steel posts and wood posts for structural reinforcement continues to be making progress. Work of this type is nearing completion at the basement and first floor with emerging progress on the second and third floors.
- 06.4 The fire pump will not be needed for the project due to the more favorable hydrant flow test results as compared to the test results during the design phase. This allows for downsizing of the emergency generator and elimination of some electrical equipment in addition to deletion of the fire pump.
- 06.5 Metal stud installation for partitions and resilient furring for ceilings in the basement have both begun.
- 06.6 Scaffolding for the exterior of the building is ongoing. The Contractor's Safety Officer held a meeting on 4/4 to review proper use, care and precautions related to the scaffolding. Only signed attendees who participate in this or future safety briefings will be allowed access to the scaffolding once it is ready for use. Safety harness use with self-retracting lifelines will be mandatory on outriggers and on the roof.
- 06.7 A tour will be conducted on April 7 for the Town Manager, Board of Selectmen, Permanent Town Building Committee, Roudenbush Board of Directors and Recreation Commission. Bill Kenison, Jeanne Roberts and Don Mills will host the tour. This will not be a public meeting and hard hats are mandatory for participants.
- 06.8 Project Meetings will continue to be held weekly on Wednesdays at 9:00 AM.

Report By: Don Mills, Architect / Mills Whitaker Architects LLC (Issued on 04/05/2018)
Distribution to: Usual Attendees as Noted Above (representing GC, Town, Architect)
Greg Nowak, Structural / Structures North Consulting Engineers
Luis Fernandez, Fire Suppression / Fernandez & Associates
Steve Forte, Plumbing & HVAC / Forte Engineering
Mike Greco, Electrical / Johnson Engineering & Design
Craig Whitaker, Architect / Mills Whitaker Architects LLC
Eric Heideman, Assistant Town Manager / Town of Westford
Greg Johnson, Project & Procurement Specialist / Town of Westford
Tom Mahanna, Chair of Permanent Town Building Committee / Town of Westford

Attachments: Field Photos, Page B.01 to B.10

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Commencement of Scaffolding Installation at Exterior of the Building

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Scaffolding Delivery to Rear Facade at Gym Roof

180321-IMG_8128.jpg



Scaffolding Installation at East Facade

180321-IMG_8131.jpg



Trenching for Electrical Service at Exit Drive

180321-IMG_8130.jpg



*Detail of Excavation Trench at Exit Drive
Looking Toward Main Street*

180321-IMG_8129.jpg



Electrical Service Trench with Conduits in Progress

180321-IMG_8127.jpg



*Conduit Feeds into Building from Transformer and
Emergency Generator to Electrical Room*

180328-IMG_8192.jpg



*Concrete Coverage in Place at Conduit
Feeds into the Building*

180321-IMG_8126.jpg



Conduit Installation in Progress

180328-IMG_8190.jpg



Concrete Coverage in Process at Conduit Trench

180321-IMG_8124.jpg



*Looking Toward Main Street from South End of
Conduit Trench in Vicinity of Transformer*

180328-IMG_8191.jpg



Concrete Coverage over Conduits Completed

180321-IMG_8132.jpg



Excavator in Position for Preparation of Grading for Placement of Transformer and Generator Pads

180307-IMG_8055.jpg



Concrete Delivery for Placement into East Half of Reconfigured Basement Level

180307-IMG_8057.jpg



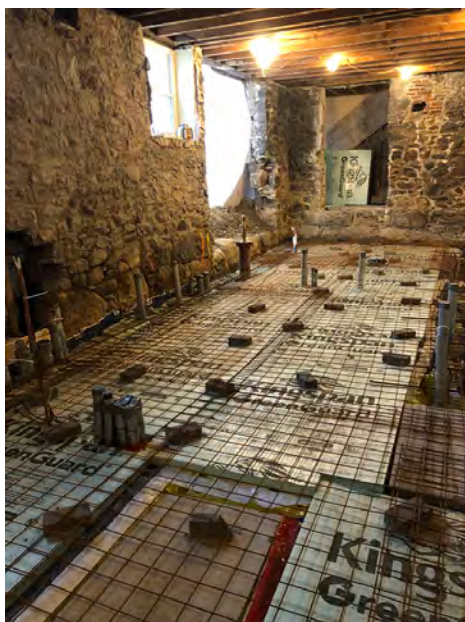
Concrete Chute from East Portico Entrance; Office Area Existing Slab at Left

180307-IMG_8056.jpg



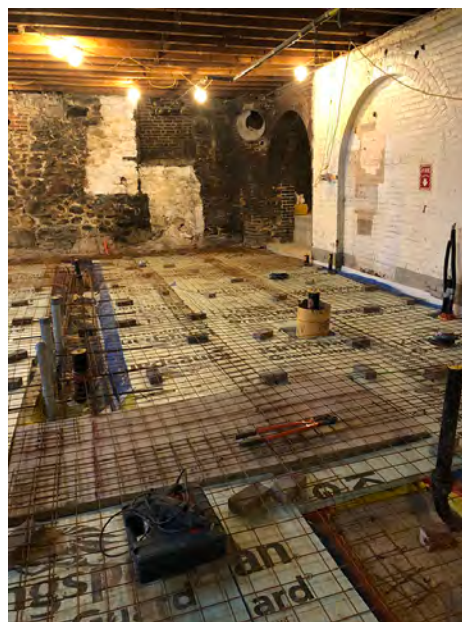
Looking South from East Portico Entrance Toward Electrical Room and Boiler Room Areas

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Area of Basement Adjacent to East Wall

180307-IMG_8044.jpg



Typical Rebar and Rigid Insulation Prior to Placement of Concrete Slab

180307-IMG_8041.jpg



Electrical Room in Foreground Adjacent to Staff Accessible Toilet Room

180307-IMG_8040.jpg



East Wall of Electrical Room with Stubs of Underground Conduits

180307-IMG_8042.jpg



*Looking Northwest from Electrical Room
and Across Men's Room Area*

180307-IMG_8039.jpg



*Water Piping for Fire Suppression System and
Domestic Water Supply System*

180307-IMG_8038.jpg



*Deeper Trench for Added Bearing Wall to
Shorten Original Joist Span at First Floor Above*

180307-IMG_8036.jpg



Typical Reinforcement at Corner of Slab

180321-IMG_8134.jpg



*Lower Lobby Slab with
Shoring at Elevator Hoistway Beyond*

180321-IMG_8135.jpg



*Slab at Lower Lobby Accessible Toilet Room;
Archway to Boiler Room Beyond*

180321-IMG_8136.jpg



Concrete Slab at East Half of Basement

180321-IMG_8137.jpg



*Northwestern Portion of Basement at
Community Education Area*

180328-IMG_8187.jpg



Tube Steel Post and Cap Supporting Added Beam in Basement at Facility Manager's Office

180328-IMG_8184.jpg



Tube Steel Post and Base at Facility Manager's Office

180328-IMG_8188.jpg



Brick Arch at East Wall of Community Education

180328-IMG_8189.jpg



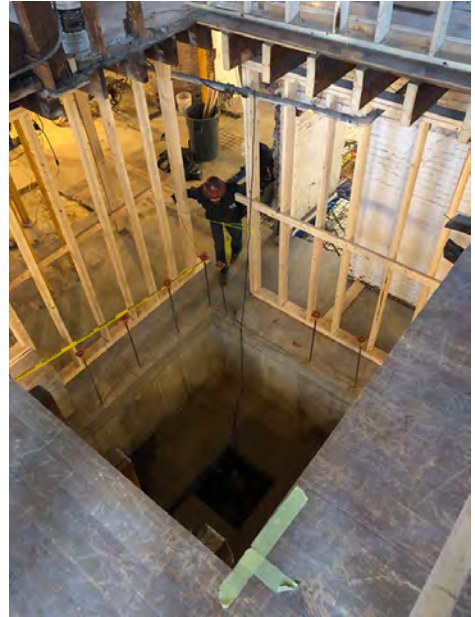
Former Window Wells at Northwest Corner of Community Education Office

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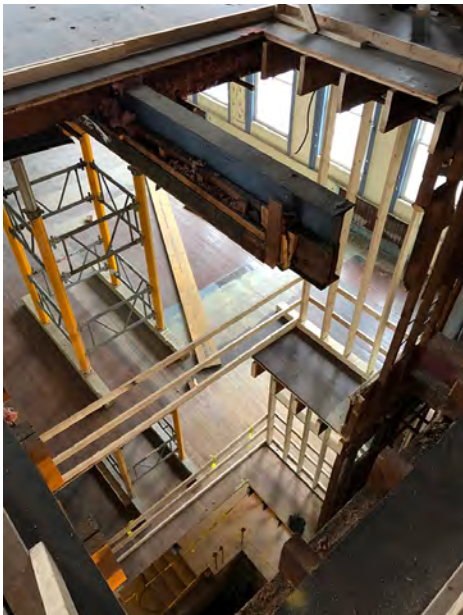
Elevator Pit at Lower Lobby

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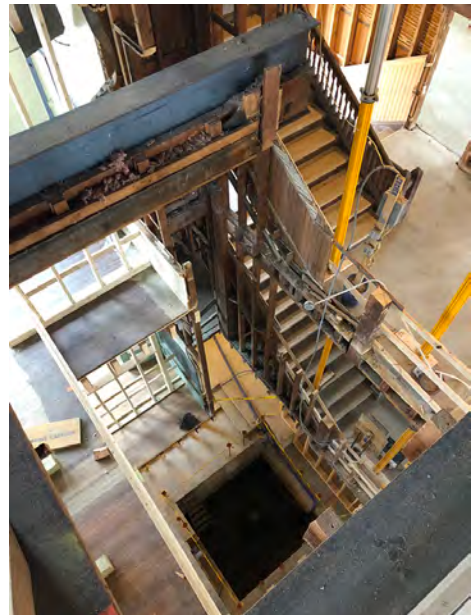
Northeasterly View of Elevator Pit and Adjacent Shoring

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Opening in Third Floor for Elevator Hoistway

180321-IMG_8141.jpg



*Northwesterly View of Elevator Hoistway
Openings from Third Floor*

180321-IMG_8139.jpg



Third Floor Guardrails and Toe Kick Boards at Elevator Hoistway Opening

180321-IMG_8144.jpg



Southwesterly View of Third Floor

180321-IMG_8142.jpg



Collar Tie Framing at Height of Former Ductwork Frames Ceiling Shape of Seminar Room

180321-IMG_8143.jpg



Tripartite Windows at Front Facade of Third Floor Removed Offsite for Repair and Restoration