

FIELD REPORT No. 04

ROUDENBUSH COMMUNITY CENTER REHABILITATION

DATE/TIME: Jan 4, 2018 – Jan 31, 2018 (Project Meetings on Jan 10, 19, 24 & 31)
PURPOSE: Construction Progress Summary
PRESENT: Don Mills, Architect / Mills Whitaker Architects LLC
Ron Marsden, Architect's Site Rep (Clerk) / Delmont Construction Services
Bill Kennison, Owner's Project Manager / Town of Westford
Jeanne Roberts, Permanent Town Building Committee / Town of Westford (1/19; 1/31)
Steve Salemi, Project Manager / NELCO Worldwide
Stevan Gauthier, Project Superintendent / NELCO Worldwide
Alexander Castelluccio, Project Administrator / NELCO Worldwide (1/24)
Shawn Chamberlin, Safety Coordinator / NELCO Worldwide (1/24)

LOCATION: On Site

ITEMS REVIEWED:

- 04.1 Interior excavations, concrete formwork, reinforcement and concrete placement for elevator hoistway, foundation walls and footings have all made substantial progress. UTS has been on site for each pour, checking the slump and taking cylinders for testing at 7, 14 and 28 days.
- 04.2 A temporary opening in the east exterior masonry wall was made at the former non-original boiler room door and the adjacent wood panel infill to the south. This opening is providing passage to the interior for excavating machinery to facilitate the interior foundations, footings and trenching for below-grade utilities.
- 04.3 Underground conduits for the electrical work were provided during a week of warmer weather to bridge from the electrical room to well beyond the foundation wall so that scaffolding can be set up at in early March for access to exterior siding and roofing work without impeding the sitework for remaining conduits. Utility pole replacement was done at the street in anticipation of the new electric service.
- 04.4 The possibility of eliminating the fire pump from the project scope is under review since the hydrant flow test results were more favorable than they were during the design phase due to recent improvements in the water systems in Town. This pending change will be substantiated by engineering reviews in process by the sprinkler subcontractor's engineer and the design team's fire suppression engineer.
- 04.5 Plaster and lath below the second floor joists at the ceilings of the Avis Lounge and Classroom No. 2 were removed and sistering of joists began for reducing the amount of deflection in the second floor.
- 04.6 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 01/07/2018)
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.06

180131-IMG_7852.jpg



*Protection Over Temporary Opening at East Facade;
Former Locations of Boiler Room Door & Wood Panel,
Both Non-Original Openings at This Location*

180110-IMG_7659.jpg



*Temporary Opening Used for Maneuvering Equipment into
Basement Level for Excavations and Earthwork*

180110-IMG_7661.jpg



*Driving West Through Boiler Room Archway at
Central Brick Bearing Wall*

180110-IMG_7642.jpg



Small Backhoe Excavating Elevator Pit Area

180131-IMG_7851.jpg



Protection Draped Over Temporary Excavation for Underground Electrical Conduits to Interior; Trough for Redirecting Water from Rain Leader

20180126_110225.jpg



Underground Main Ductbank for Electrical Service at Formerly Concealed Masonry Infill Area Below Window

20180126_133146.jpg



Concrete Encasement at Foundation Wall for Protection of Underground Electrical Conduits Prior to Infill of Exterior Masonry Wall

180131-IMG_7850.jpg



Underground Conduit to Emergency Panel and Automatic Transfer Switches at Electrical Room Below Intact Portion of Exterior Masonry Wall

180131-IMG_7847.jpg



Southern Half of Elevator Pit From East

180131-IMG_7846.jpg



Northern Half of Elevator Pit from East

180110-IMG_7644.jpg



One of Two Footing Excavations in Office Areas

180131-IMG_7848.jpg



E/W Footing for Posts Up from Boiler Room Passageway

180110-IMG_7649.jpg



East End of Lower Lobby Opening to Gym at Top of Former Interior Ramp

180110-IMG_7648.jpg



West End of Lower Lobby Opening at Former Exterior Granite Wall Prior to Gym Addition

180131-IMG_7854.jpg



South End of Temporary Opening at East Facade; Joists Mortise into 8" x 11" Original Timber Sill

180110-IMG_7647.jpg



Former Granite Stairs Removed from West Entry to Basement Level Adjacent to West Stair

180131-IMG_7842.jpg



Plaster and Lath Removed from Avis Lounge Ceiling to Sister Second Floor Joists with LVLs

180131-IMG_7844.jpg



Plaster and Lath Removed from Classroom #2 Ceiling to Sister Second Floor Joists with LVLs

180131-IMG_7853.jpg



Wooden Items Found in Ceiling Above Avis Lounge; Marble Sink from Second Floor Stair Landing W.C.

180110-IMG_7651.jpg



Selective Salvage of Embossed Metal Ceiling Components from Second Floor Elevator and Accessible Toilet Areas

180110-IMG_7656.jpg



Homosote and Lockers Removed from South Wall of Classroom #5 Reveals Former Color Schemes

180110-IMG_7655.jpg



Former Color Schemes Behind Removed Radiator at NE Corner of Classroom #5

180110-IMG_7652.jpg



Detail of Former Colors Schemes in Classroom #5

180110-IMG_7653.jpg



Detail of Former Colors Schemes in Classroom #5