



Interim Report of Special Inspections

Client: Town of Colchester Project No.: 5837
 Project: Colchester Senior Center Report No.: 001
 Inspector: Paul M. Bellagamba, P.E. Date: 06/08-07/11/2023
 Subject: Interim Report of Special Inspections Page: 1 of 3

In compliance with the Engineer’s Coalition Form 101 and IBC Building Code Section 1704 requirements, the writer performed a visual review of the work in progress and inspection reports available to date, noting any areas of non-compliance with the Engineer of Record’s (EOR) plans and specifications.

On June 8 and July 11, 2023 the writer visited the project and met with Rob Lamarre of BRD Builders LLC. The purpose of this visit was to review the progress at the site in conjunction with the inspections conducted to date and the Statement of Special Inspections.

At the time of the July 11, 2023 visit, all concrete foundations were substantially complete. Contractor installing underslab utilities and placing and compacting structural backfill for building interior. From the writer’s review of the inspection reports and observations in the field the structure is being constructed in accordance with the project plans and specifications except as noted below.

| Executive Summary: | | |
|--------------------|----------------------------|---|
| 1705.2.1 | Structural Steel: | Inspections pending* |
| 1705.2.5 | Cold Formed Steel Framing: | Inspections pending* |
| 1705.3 | Concrete Construction: | No outstanding discrepancies; Inspections required* |
| 1705.5 | Wood Construction: | Inspections pending* |
| 1705.6 | Soils: | The gradation of the materials tested in Reports No. 001 and 002 (Spec B) did not meet specification requirements - the Contractor is requested to forward the Geotechnical Engineer’s and/or EOR’s acceptance or rejection of the gradation if the material is approved for use as controlled fill; Inspections required* |

*Verification is required from Contractor and Inspector if inspections are complete and closed.

1705.3 Concrete Construction

2. Mix Design:

IMTL has received and reviewed a copy of the approved Concrete Mix Designs for the project.

Concrete batch tickets were verified to comply with the approved mix design and water added at the site, if any, did not exceed the mix design as documented in Reports No. 016, 020, 022 and 026. No discrepancies were noted.

3. Reinforcement Installation:

The grade, size, spacing, cover, positioning, splices and laps of reinforcing bars were inspected. Reinforcing was verified to be free of oil and other deleterious materials and bars were verified to be adequately tied together as stated in Reports No. 015, 019, 021, 023, 025, 027, 030 and 033. No discrepancies were noted.

5. Cast in Place Anchor Rods:

The size, quantity and length of anchor rods were inspected as stated in Reports No. 025, 027, 030 and 033. No discrepancies were noted.

7. Formwork Geometry:

The shape, dimensions and condition of formwork was inspected as stated in Reports No. 015, 019, 021, 023, 025, 027, 030 and 033. No discrepancies were noted.

8. Concrete Placement:

Concrete conveyance and placement methods avoided segregation and contamination and concrete was properly consolidated as stated in Reports No. 016, 020, 022 and 026. No discrepancies were noted.

9. Testing and Evaluation of Concrete Strength:

Testing of concrete strength, slump, air-content and temperature was performed and is documented in Reports No. 016, 020, 022 and 026. No discrepancies were noted.

The compressive strength of concrete cylinders was tested for compliance with the design documents as stated in Report No. 035. No discrepancies were noted.

10. Curing and Protection

Concrete curing and protection measures were inspected as stated in Reports No. 016-CC, 020-CC, 022-CC, 024-CC, 026-CC, 028-CC, 031-CC and 035-CC. No discrepancies were noted.

Colchester Senior Center

Project No. 5837 Report No. 001

June 8-July 11, 2023 Page: 3 of 3

1705.6 Soils and Foundations

2. Controlled Fill:

Sieve analyses and Modified Proctor testing were performed as stated in Reports No. 001 through 007.

****The gradation of the materials tested in Reports No. 001 and 002 (Spec B) did not meet specification requirements. The Contractor is requested to forward the Geotechnical Engineer's and/or EOR's acceptance or rejection of the gradation if the material is approved for use as controlled fill.***

The placement, lift thickness and compaction of controlled fill for structural backfill were inspected and tested by nuclear methods as stated in Reports No. 008-014, 017, 018, 029, 032 and 036-038. No discrepancies were noted.