

ELEVATION - WALL 1

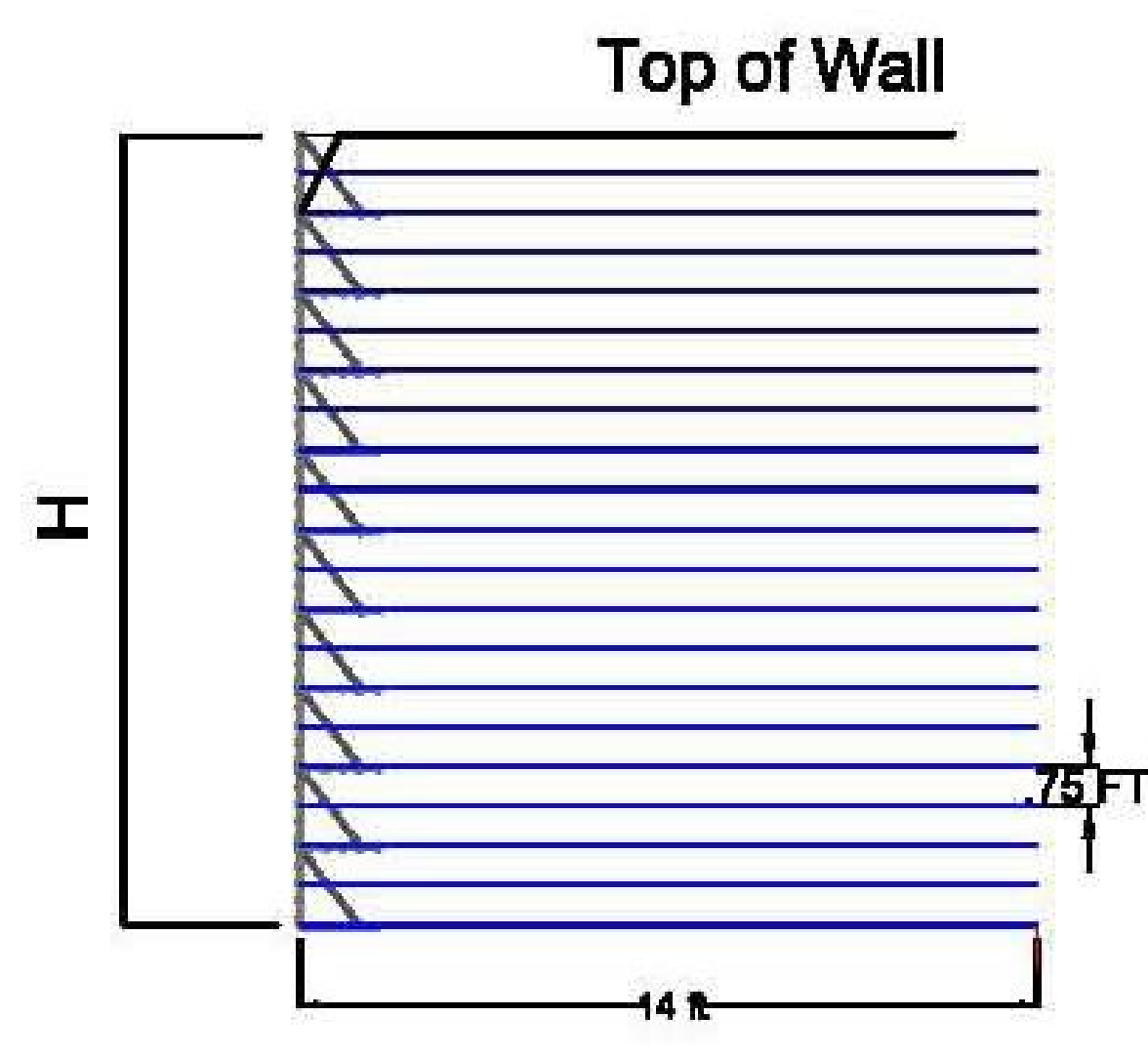
Who will be making this determination?

- Subgrade:
1. Design is based on an assumed soil bearing capacity of 8 tons per square foot. If bearing strength of the soil actually encountered is less than this assumed amount, a review and possible redesign of the structure will be required.
 2. Excavation of bearing surfaces is to be performed with a smooth-edged bucket. If there is significant disturbance to the subgrade, the disturbed material is to be removed and replaced with compacted structural fill.
 3. Any loose, softened or disturbed material due to construction traffic is to be removed prior to construction.
 4. Structural fill shall be placed in uniform lifts not exceeding 12 inches in loose thickness and be compacted to a minimum 95% of the maximum dry density as determined by ASTM D 1557.

What do these stations correspond to? Show plan view with stationing.

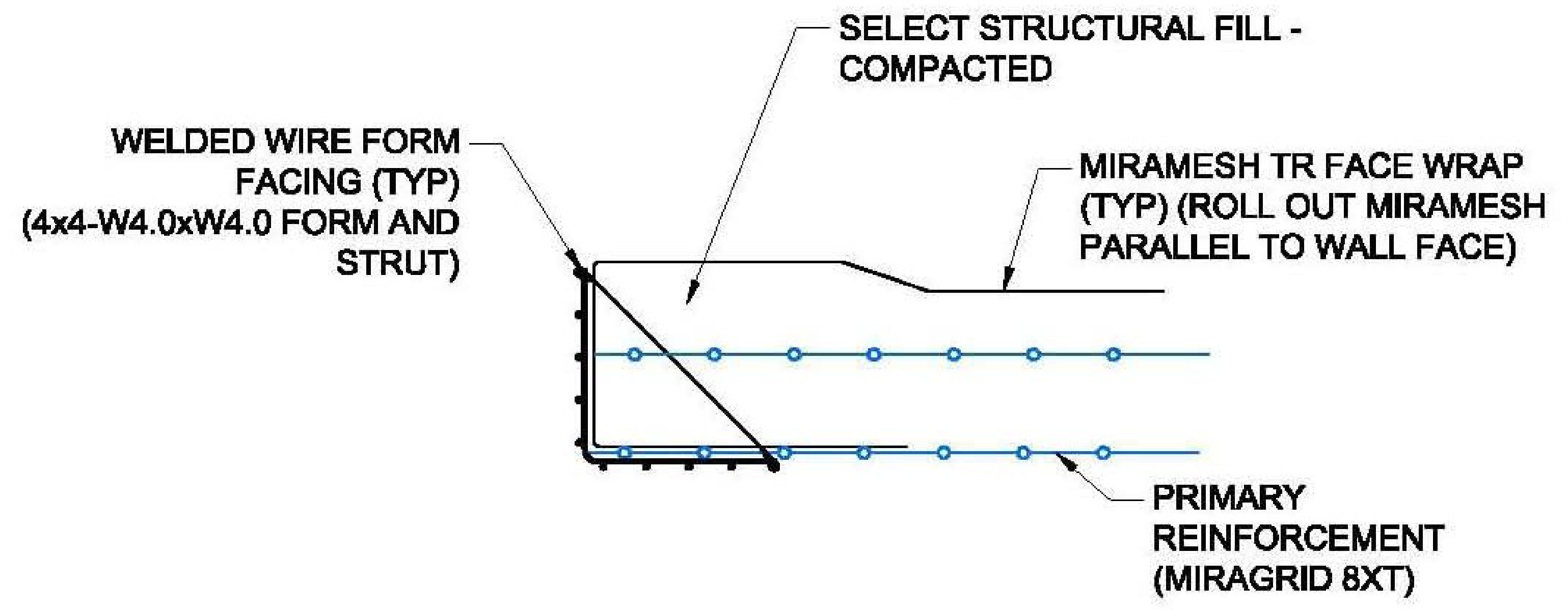
Will the contractor be doing QC testing during compaction operations to monitor this? How frequently?

- Fill:
1. Granular Fill shall consist of stones, rock fragments, and fine, hard durable particles resulting from the natural disintegration of rock.
 2. The material shall be free from injurious amounts of organic matter.
 3. Not more than 15% of the material passing the No. 4 sieve shall pass the No. 200 sieve and the material shall conform to the following gradations unless otherwise noted:
- | Sieve Size | % by Weight |
|------------|-------------|
| 3 inch | 100 |
| No. 4 | 70 - 100 |
4. Structural Fill shall consist of crushed gravel and shall meet the following specifications unless otherwise noted:
- | Sieve Size | % by Weight |
|------------|--|
| 3 inch | 100 |
| 2 inch | 95 - 100 |
| 1 inch | 55 - 85 |
| No. 4 | 27 - 52 |
| No. 200 | 0 - 12 (based on the % passing the No.4) |

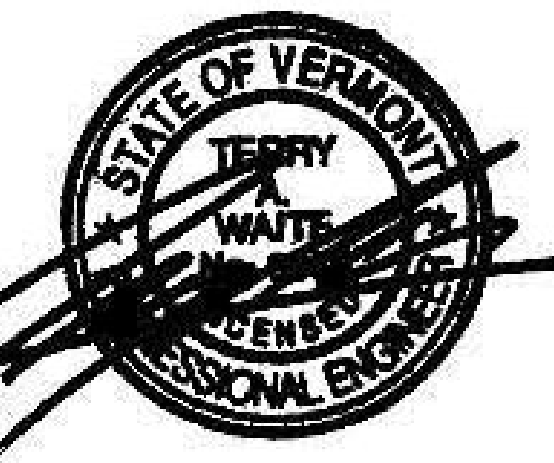


CROSS SECTION

Primary Reinforcement
Mirafi 8XT



FACING DETAIL



REVISION:	DESCRIPTION:	DATE:	BY:

DRAWING TITLE:
**TEMPORARY BRIDGE SUBSTRUCTURE
ROCHESTER VERMONT**

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DATE:
April 2014
SCALE:
AS SHOWN
DRAWN BY:

SHEET NO.:
RS-1