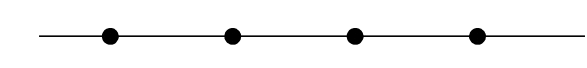

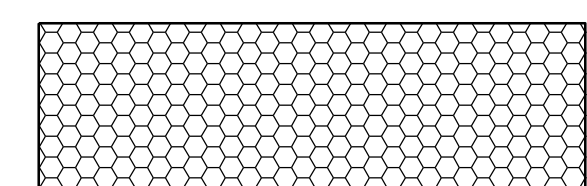
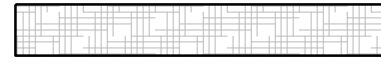
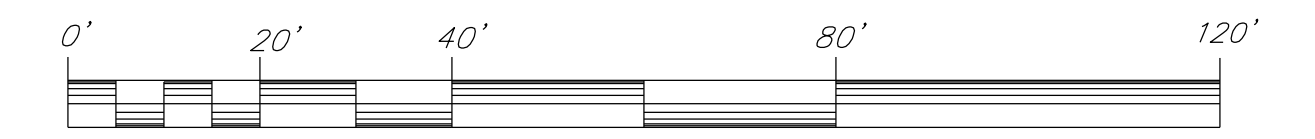


**Legend**

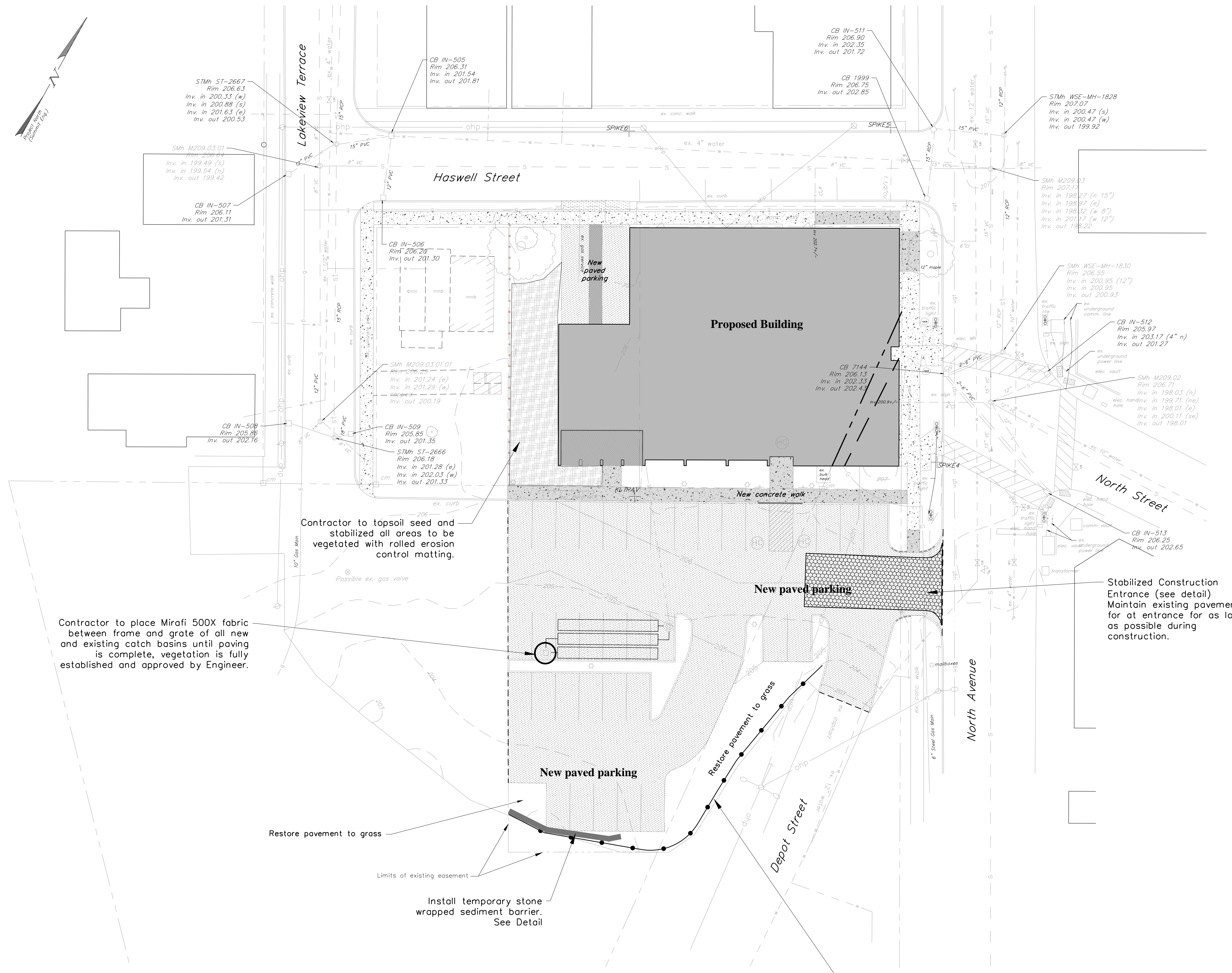
-  Silt Fence
-  CB Inlet Protection
-  Stabilized Construction Entrance
-  NAG S75BN Erosion Control matting

**Erosion Prevention and Sediment Control Notes**

1. Contractor shall be responsible for complying with all State and Local erosion prevention and sediment control standards and permit requirements during construction.
2. The limit of disturbance shall be clearly defined by Contractor's surveyor prior to clearing. Erosion and sediment control devices shall be established to trap sediment on site. The Contractor shall minimize the amount of disturbed land at any given time.
3. All erosion control shall be placed as shown on the drawings or as ordered by the Engineer. The Contractor shall maintain the erosion control measures until the Engineer is satisfied that permanent ground cover is established and that further measures are not required. It shall be the responsibility of the Contractor to employ appropriate erosion control as shown on these drawings and any other measures as necessary to trap sediment on site. Refer to permit maintenance and inspection requirements.
4. All areas of disturbance shall be permanently or temporarily stabilized as soon as possible and within 48 hours of final grading. All areas of disturbance shall be at least temporarily stabilized within 14 days of initial disturbance. Any disturbance after 14 consecutive days of exposed soil shall be stabilized daily unless the following exceptions apply:
  - a. Stabilization is not required if earthwork is to continue in the area in the next 24 hours and there is no precipitation forecast in the next 24 hours.
  - b. Stabilization is not required if the work is occurring in a self-contained excavation (i.e. no outlet) with a depth of 2 ft. or greater (e.g. house foundation excavation, utility trenches). Stabilization measures shall include mulch and netting, erosion control matting, crushed stone, gravel, or pavement.
5. Unless specifically indicated on the plans acceptable methods of stabilization shall include:
  - Mulching - 2 tons per acre. Approximately 1" uniform thickness. Only allowed on relatively flat areas with minimum upslope watershed. Mulch must be properly anchored to prevent material from being blown away by wind (windthrow).
  - Hydros seeding - Applied at the manufacturer's recommended application rate. Contractor shall provide evidence of proper application rate. Hydros seeding is not allowed in areas of concentrated flow.
  - Erosion control matting - S75 matting must be applied to all slopes 3:1 (H:V) or greater (unless otherwise indicated).
  - Crushed stone or crushed gravel - Typically used for temporary access roads and construction staging areas.
  - Paved surfaces (concrete, asphalt, etc.)
  - Weighted impermeable barriers and other materials as approved by the Engineer.
6. The Contractor shall use water for dust control.
7. The Contractor shall provide inlet protection around all catch basins (existing or new) that collect construction site stormwater runoff.
8. A stabilized construction entrance shall be installed and maintained at all construction access locations.
9. Any paved roads used by construction vehicles shall be swept daily, or at a greater frequency, if dirt or gravel is tracked from the site. The swept debris shall be immediately removed from face of curb if applicable.
10. During construction of underground utility lines the following standards must be met:
  - Excavated material must be placed on the uphill side of the trench or immediately hauled to an approved and protected soil stockpile area.
11. All temporary erosion and sediment control measures shall be removed within 30 days after final stabilization or after the measures are no longer needed, unless otherwise authorized.
12. All sediment removed from sediment control practices shall be placed in an approved soil disposal area. Contractor shall be responsible for providing a permitted off-site soil disposal for the project.
13. All areas that do not have established vegetation by October 15th must be stabilized in accordance with the Winter Stabilization requirements outlined in the Low Risk Site Handbook.
14. After permanent seeding the Contractor shall be responsible for watering, if necessary, to ensure adequate vegetative growth.



Bar Scale 1" = 20'



Contractor to topsoil seed and stabilized all areas to be vegetated with rolled erosion control matting.

Contractor to place Mirafi 500X fabric between frame and grate of all new and existing catch basins until paving is complete, vegetation is fully established and approved by Engineer.

Restore pavement to grass

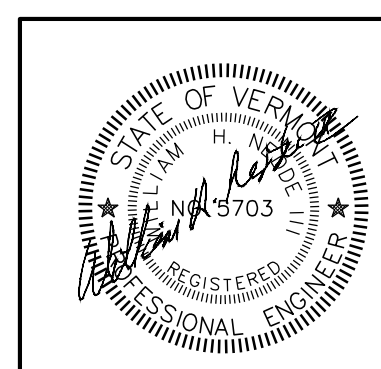
Limits of existing easement

Install temporary stone wrapped sediment barrier. See Detail

Contractor to install keyed-in silt fence at perimeter of construction site prior to start of construction.

Stabilized Construction Entrance (see detail) Maintain existing pavement for as long as possible during construction.

Date revised	Description	Checked	Date
Design	WHN		
Drawn	TJB/SLM		
Checked			
Scale	1" = 20'		
Date	October 28, 2014		
Project	14201 North Ave. and Haswell Street		Burlington, Vermont
<b>KREBS &amp; LANSING Consulting Engineers, Inc.</b>			
164 Main Street, Colchester, Vermont 05446			
			SP-3



PERMIT REVIEW ONLY