



APPROXIMATELY 250 YARDS OF SOIL SHALL BE REMOVED TO ACCOMMODATE THE INSTALLATION OF THE INFILTRATION SYSTEM TO A DEPTH OF 4 FEET BELOW GRADE. SEE NOTE 5 IN CONSTRUCTION NOTES.

AT TIME OF SOIL REMOVAL AND ENGINEER SHOULD USE A PHOTO-IONIZATION DETECTOR (PID) TO DETECT LEVELS OF VOCs.

### SOIL EROSION AND SEDIMENT CONTROL AND CONSTRUCTION PLAN

NOT TO SCALE

#### Sequence of Construction Activity:

The following sequence of soil erosion and sediment control measures shall be followed during the duration of the project.

- Establish Limits of Clearing and Sensitive Areas to be Protected:** Prior to any construction and/or demolition activities commence a pre-construction meeting shall be held to review plans and inspect site.
- Construct Stabilized Access to Site:** Install the stabilized construction entrance as indicated to provide access for construction traffic to the disturbed portion of the site.
- Establish Perimeter Controls and Sediment Barriers:** Silt fences will be installed along the perimeter of the site disturbance as shown and around any stockpiles. Silt fences will be installed as per the detail on this sheet. Locations of installation are indicated on this sheet. Temporary diversion swales may also be installed to divert runoff from undisturbed areas around the proposed areas of disturbance.
- Land Clearing, Demolition and Rough Grading:** Begin demolition to existing building pad area. The ground surface shall be cleared of all trees, stumps, brush, weeds, roots, matted leaves, pavement and concrete structures, debris, and any other unsuitable material, except as otherwise directed by the engineer. Material accumulated by clearing as described above shall be disposed of by the contractor in a manner satisfactory to the engineer. After clearing and demolition all surficial soils shall be stripped and stockpiled or removed from site and disposed of legally. Foundation Construction can proceed and will establish a containment area within the foundation and will infiltrate into the subsoils until the slab is constructed. As drainage structures are installed and site is brought to final grade protect drainage inlet from sediment. Establish temporary vegetation on any areas which will not be disturbed for a period 14 days or more. Parking, driveway, and building areas may be stabilized with base material.
- Building Construction:** During the building construction maintain erosion controls as necessary. Permanent sidewalk shall be installed as soon as practicable to stabilize surface. Detention chambers area shall be covered with top soil and seeded immediately after construction.
- Landscaping and Final Stabilization:** Place topsoil and install landscaping as indicated on planting plans.
- Final Inspection and Removal of Temporary BMPs:** Perform final inspection of site to ensure all disturbed areas are stabilized. If all disturbed areas are stabilized temporary erosion control measures shall be removed.

#### CONSTRUCTION NOTES:

- Normal Construction Hours: 7 am to 9 pm.
- Jack Hammering of concrete and asphalt to be limited between 8 am to 6 pm.
- Trucks for material removal and delivery are to avoid Mulberry St, unless absolutely necessary (for safety or to avoid tracking dirt)
- Trucks for delivery or removal of materials shall not disrupt traffic between 7:30 am to 8:30 am and 4:30 to 6pm.
- Approximately 250 yards of soil shall be removed to accommodate the installation of the infiltration system to a depth of 4 feet below grade. Previous Phase II ESA recommends removal and disposal of the material as recommended by the report prepared by Chazen Associates. At time of soil removal an Engineer should use a Photo-Ionization Detector (PID) to Detect for any VOCs in the soil.
- ± 15 Geothermal Wells for HVAC are all located within the proposed footprint of the building.
- All traffic control within the Village's right of way shall be the responsibility of the owner/contractor. The contractor shall provide flagmen and work zone signage within the Village ROW during water and sewer connection construction activities as acceptable to the Village DPW Superintendent.
- The Village of New Paltz Department of Public Works shall be contacted a minimum of 48 hours in advance of any work within the right of way.

#### LEGEND

- SILT FENCE
- SECURITY FENCE
- TOPSOIL STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- TREE PROTECTION
- INLET PROTECTION
- PERMANENT SEED ALL DISTURBED LOCATIONS

| MAP REVISION DATES |                                    |    |
|--------------------|------------------------------------|----|
| DATE               | REVISION                           | BY |
| 09/15/2017         | REVISED PER UPDATED SITE PLAN      | CC |
| 10/06/2017         | REVISED PER PLANNING BOARD MEETING | CC |
| 12/12/2017         | REVISED PER REVIEW COMMENTS        | CC |
| 12/29/2017         | ADDED CONSTRUCTION NOTES           | CC |
| 01/26/2018         | UPDATED PLAN FOR DRAINAGE COMMENTS | CC |

## SOIL EROSION & SEDIMENT CONTROL & CONSTRUCTION PLAN

FOR  
**ZERO PLACE**  
SITUATE: 87-93 N. CHESTNUT STREET  
VILLAGE OF NEW PALTZ  
ULSTER COUNTY - NEW YORK

MAY 2, 2016  
  
 Scale: 1" = 20'

**MEDENBACH & EGGERS**  
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