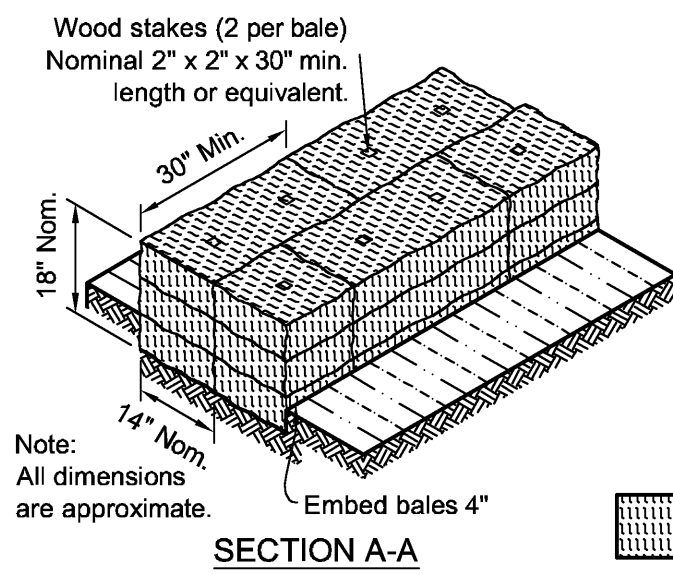
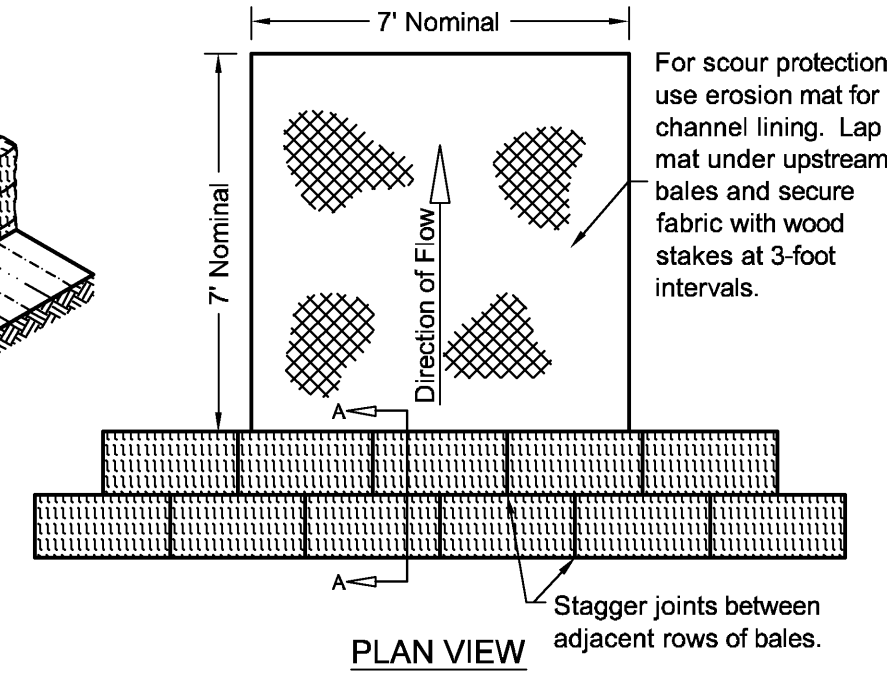


**BERM CROSS SECTION**

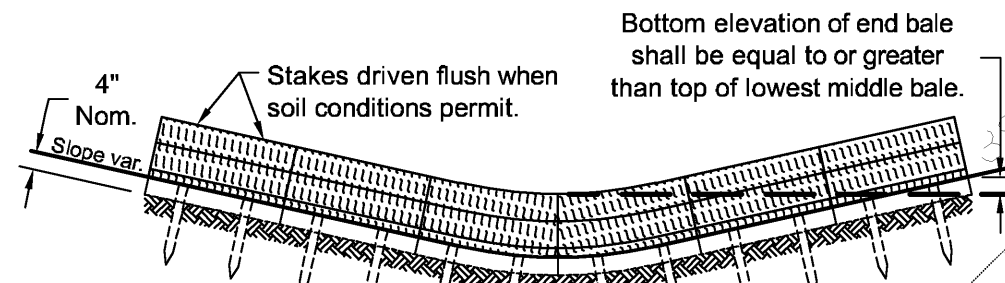
- Berm Notes:**
1. Fill shall consist of earth and/or granular from Grandview Road reconstruction.
  2. The base of the berm shall be stripped of all vegetation, stumps, topsoil and other matter. Stripping shall be to a minimum of 6 inches.
  3. The base of the berm shall be constructed with non-organic soils and compacted to 90% standard proctor according to the procedures outlined in ASTM D-698. No tree stumps, or other organic material shall be buried in the berm. The constructed berm height shall be increased a minimum of 5% to account for setting.



**SECTION A-A**

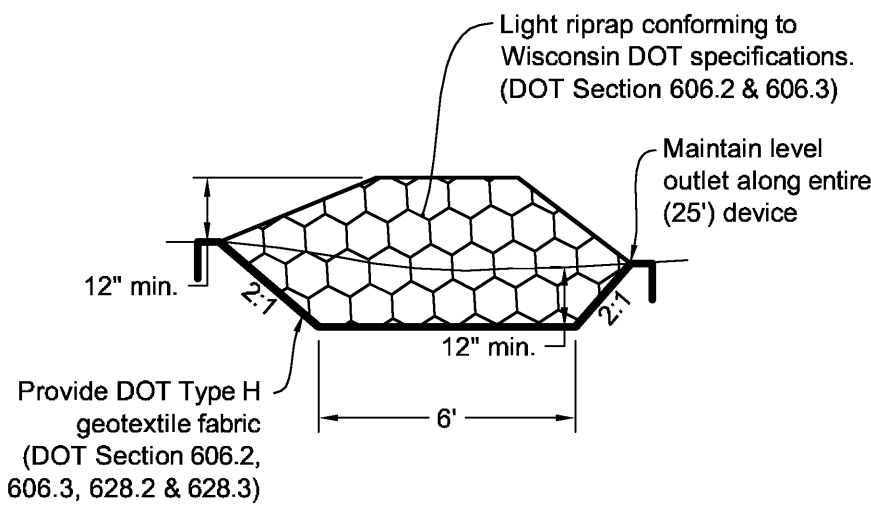


**PLAN VIEW**

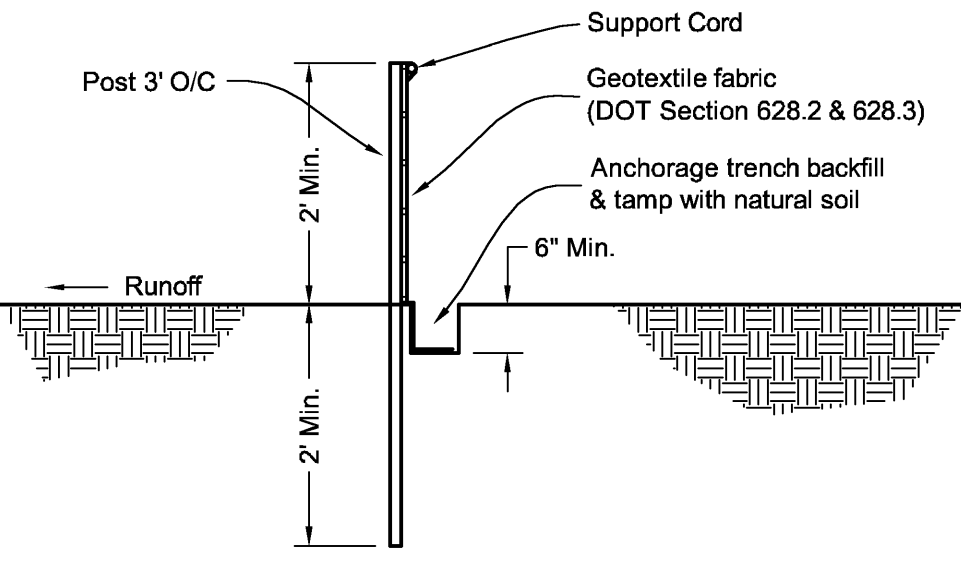


**FRONT ELEVATION**

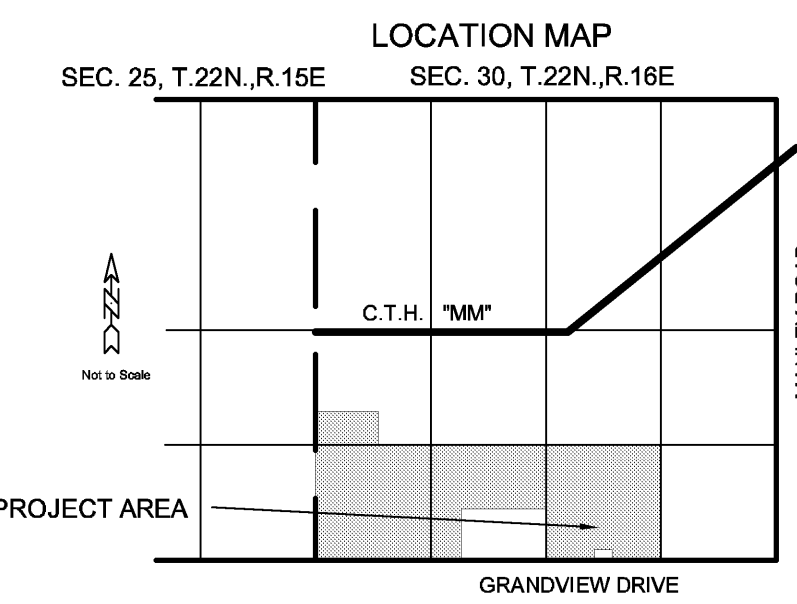
**STRAW BALE BARRIER**



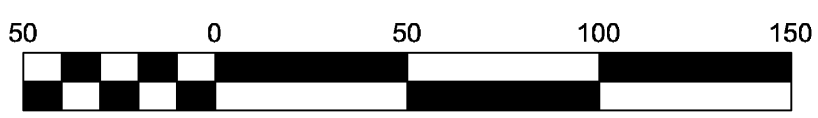
**TEMPORARY STONE SPREADER**



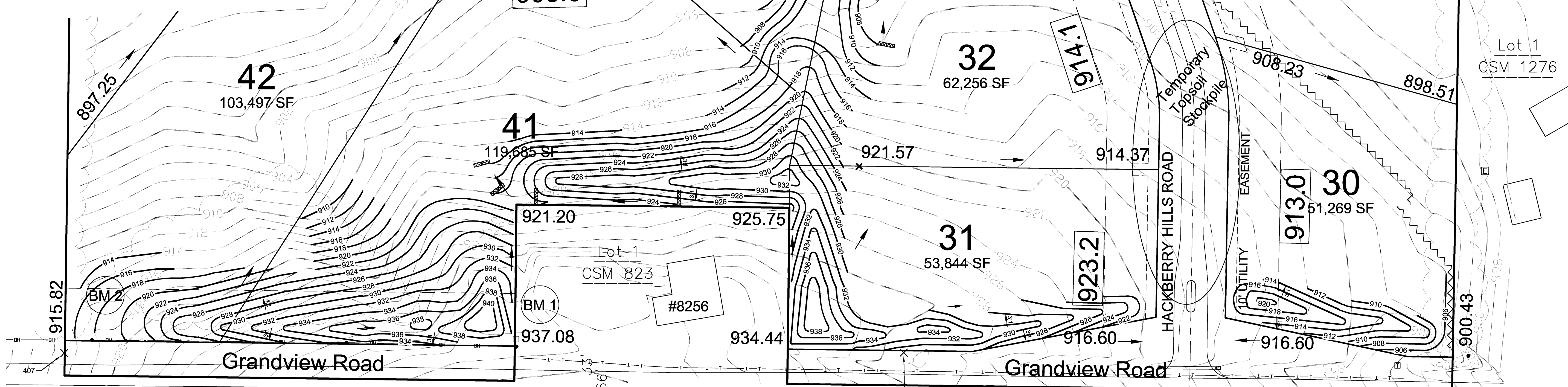
**SILT FENCE INSTALLATION**



**LOCATION MAP**



**Scale**



- NOTES:**
1. Existing utilities shown are indicated in accordance with available records and field measurements. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer and water from the property owners of the respective utilities. All utility the property owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
  2. Tracking of mud on existing streets shall be cleaned up daily.
  3. Vegetation beyond slopes shall remain.
  4. The contractor shall minimize the area disturbed by construction as the project is constructed. Disturbed areas shall be seeded as soon as final grade is established. Contractor shall replace topsoil and then seed, fertilize and mulch all disturbed areas within 1 week of topsoil placement. Mulch is required to be Mechanically Crimped.
  5. Earthwork contractors shall verify topsoil depth.
  6. All sediment and erosion control devices and methods shall be in accordance with the Wisconsin DNR Technical Standards.
  7. The contractor shall make weekly inspections and inspections within 1 day of any rainfall exceeding 0.5 inches of the sediment and erosion control devices throughout construction. The contractor shall repair or maintain erosion control devices as necessary. The inspection reports shall be made available to the property owner at the end of the construction or upon demand during construction.
  8. Updated survey and title search have not been authorized and the boundary and easements shown may be inaccurate or incomplete.
  9. Additional silt fence may be required at the Grandview Road right-of-way in the event the adjacent Grandview Road is complete prior to berm stabilization.
  10. Additional silt fence may be required in the event substantial erosion occurs within lots 33-36, 40-42 as directed by the owner, engineer, or Outagamie County.

- Construction Activities:**
- The proposed earthwork is to have erosion control measures in place prior to earthwork. The sequence of work shall coincide with Grandview Road and is estimated as follows:
- 1) Preconstruction conference with Outagamie County, (920) 832-5076
  - 2) Install all erosion control measures. **June 2009**
  - 3) Strip topsoil as required for fill placement within the proposed berm grading limits. Stabilize topsoil. **June-August 2009**
  - 4) Continue berm construction as excavation occurs for Grandview Road. Field inspect and add additional measures if necessary. **June-August 2008**
  - 5) Stabilize lawn and ditch areas no later than one week after final grade is established. **No later than August 15, 2009 for entire site.**
  - 6) Watering may be necessary to establish healthy and well rooted vegetation. Temporary measures may only be removed once final site stabilization has occurred.
  - 7) Field inspect and add additional erosion control measures if necessary.

- SPECIFICATIONS:**
1. There are no proposed impervious surfaces.
  2. Disturbed area for proposed Berm Construction = 164,440 SF

**CONTACT INFORMATION:**  
 Owner: Roger Meads, (920) 779-6800  
 Contractor: J & E Construction, (920) 439-1555  
 Engineer: Davel Engineering, (920) 991-1866

**LEGEND**

---	Existing Mt Contour
---	Existing Mt Contour
---	Proposed Contour
---	Proposed Silt Fence
---	Prop. Drainage Direction
x608.73	Proposed Grade
000.0	Prop. Garage Floor Elev.
-----	Proposed Ditch Check

**DRAINAGE PLAN CERTIFICATION:**

I, Timothy N. Wittmann, Professional Engineer, hereby certify that this Drainage Plan will meet or exceed the requirements of the Outagamie County Subdivision Ordinance and the requirements of the Town of Ellington.

Timothy N. Wittmann, P.E. E-40111 Date