

## SPECIFICATIONS

### GENERAL

#### I. GENERAL

- Before construction begins, the Contractor shall contact all utility companies, both public and private and have them locate all utilities within the construction limits.
- The Contractor shall be responsible for arranging all required inspections with the governing authority that has jurisdiction over the work that is to be performed.
- The Contractor shall stay within the construction limits unless approved otherwise by the Owner and/or Engineer. Construction limits are defined by the property boundary unless shown different on the plan.
- The Contractor shall be responsible for protecting all existing structures, utilities, trees, etc. from damage during construction.
- The Contractor shall be responsible for correcting any damage (at Contractor's expense).
- Any discrepancies found on the site that affect the proposed work shall be reported to the Owner and/or Engineer before the completion of any additional work.
- No soils report provided.

#### SITE CLEARING

##### I. GENERAL

- Remove trees, shrubs, grass, and other vegetation or obstructions, as required, to permit installation of improvements shown on the Plans.
- Where existing trees are indicated to remain, leave existing topsoil in place within drip lines to prevent damage to root system.
- Topsoil shall be stripped from disturbed areas and stockpiled in piles not exceeding 8-feet in depth.
- Remove all back dirt and unsuitable material from under drives and roadways within 3-feet of final pavement subgrade.
- Remove all waste materials and unsuitable or excess topsoil from Owner's property.

#### GRADING, EROSION CONTROL, AND TURF ESTABLISHMENT

##### I. GENERAL

- All grading, erosion control and turf establishment shall be according to the materials, workmanship, and other applicable requirements of the Minnesota Department of Transportation "Standard Specifications for Construction", latest edition, unless otherwise specified.
- All erosion control measures shown on the plans must be installed prior to commencement of grading operations and maintained until all areas altered on the site have been restored.
- All areas disturbed by construction shall be restored within two weeks of substantial completion of construction.
- Provide approved borrow soil materials from off-site when sufficient approved soil materials are not available from excavations. Remove all excess and unsatisfactory material from the site.
- Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.
- Compaction shall not be less than the following percentages of maximum dry density according to ASTM D 698:
  - Under structures, building slabs, steps, and pavements, compact the top 12 inches below subgrade and each layer of backfill or fill material at 100 percent maximum dry density.
  - Under unpaved areas, compact the top 6 inches below subgrade and each layer of backfill or fill material at 95 percent maximum dry density.

##### II. PRODUCTS

- Satisfactory soils include ASTM D 2487 soil classification groups GW, GP, GM, SW, SP, and SM; free of rock or gravel larger than 2-inches in any dimension, debris waste, frozen materials, vegetation and other deleterious matter.
  - Unsatisfactory soils include ASTM D 2487 soil classification groups GC, SC, ML, MH, CL, CH, OL, OH, and PT.
  - All backfill and fill materials must be satisfactory soil materials.
  - Topsoil shall be per ASTM D 5268, free of stones 1" or larger.
- ##### III. EXECUTION
- Place 4-inches of topsoil over all areas to be re-established with seed.
  - Provide erosion control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or stormwater to adjacent properties and waterways.
  - Wherever construction vehicle access routes intersect paved public roads, provisions must be made to minimize the transport of sediment (mud) by runoff or vehicles tracking onto the paved road surface. Where sediment is transported onto a public road surface, the roads shall be cleaned thoroughly at the end of each day. Sediment shall be removed by shoveling or sweeping and be transported to a sediment controlled disposal area. Street washing shall be allowed only after sediment is removed in this manner.

## LEGEND

- BOUNDARY/ROW/BLOCK LINE
- SILT FENCE
- APPROX. EXTENTS OF EROSION
- ST EXISTING STORM SEWER
- 980 EXISTING CONTOUR
- x 995.50 EXISTING ELEVATION

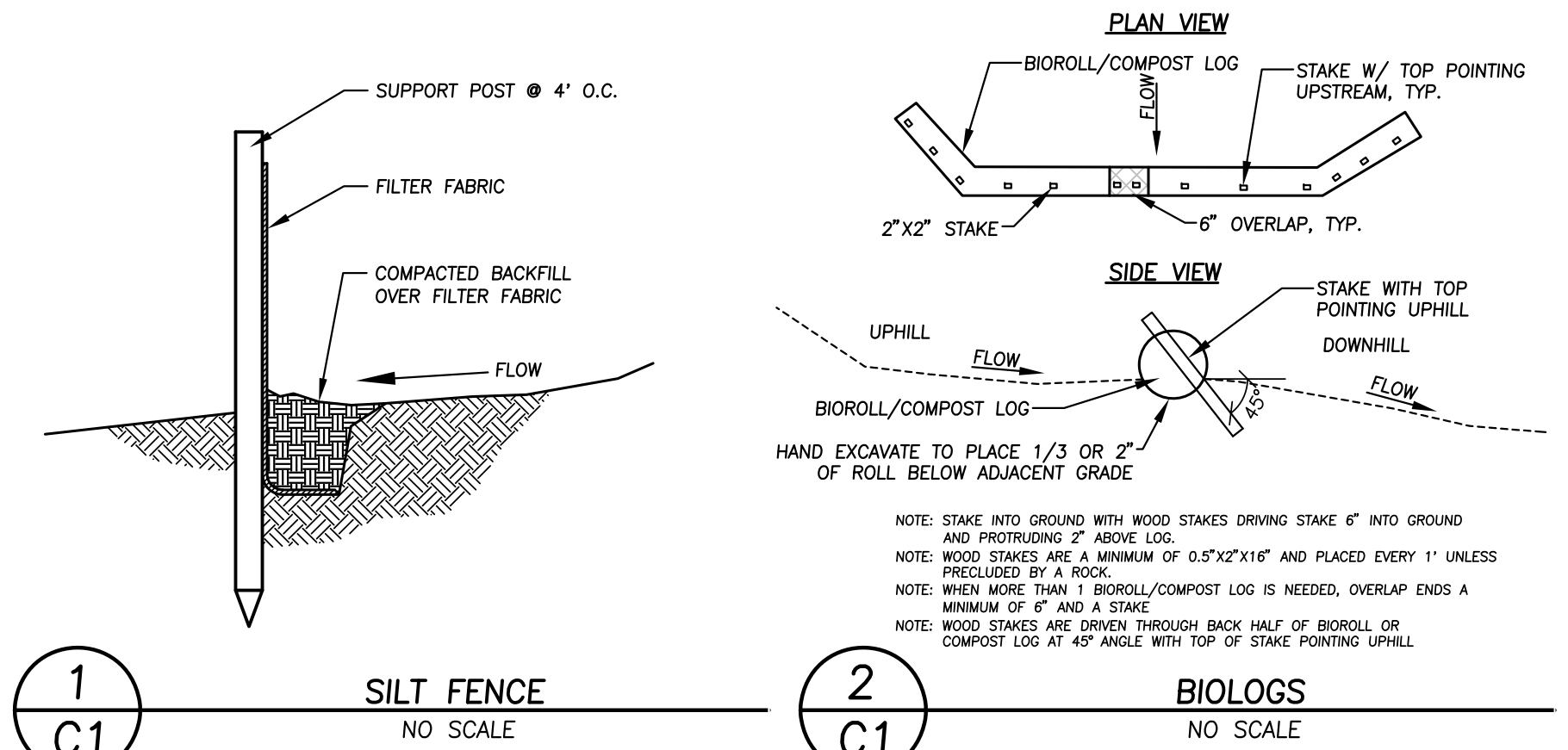
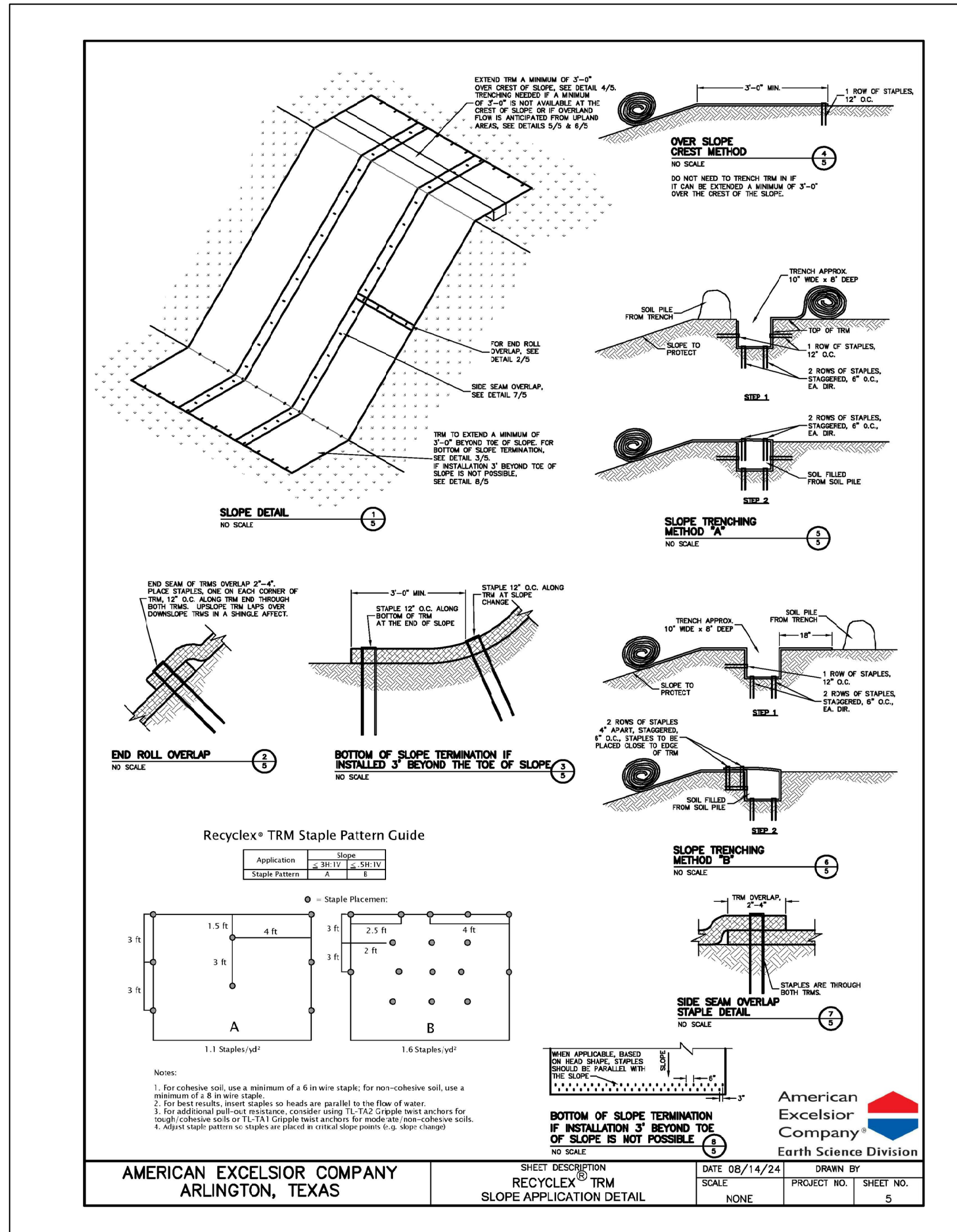
## SLOPE STABILIZATION NOTES

- Install silt fence down gradient of any exposed or disturbed soils for the duration of the project.
- Remove chain link fencing as required and salvage for reuse.
- Remove bituminous trail as required. County to replace bituminous trail after slope stabilization works has been completed.
- Import satisfactory soils per the specifications, compact the soils per the specifications and grade the slope matching the existing contours.
- Install Turf Reinforcement Mat (Trinet Recyclex or approved equal MNDOT Category 70) and fill with MNDOT 3B77-3C topsoil per manufacturer's recommendations.
- Staple TRM using Gripple TL-TA1 12" Twist Pins or approved equal.
- Seed disturbed areas with MNDOT Patch Mix (PM) at a rate of 60 lbs/acre and a winter wheat cover crop seeded at 100 lbs/acre.
- Install erosion control blanket (AEC Premier Straw/Coco FibreNet) or approved equal MNDOT Category 30) on all disturbed areas.
- Install biorolls along the slope.
- Install salvaged chain link fencing.

### CODE COMPLIANCE:

- WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LAWS, CODES & REQUIREMENTS OF REGULATORY AGENCIES HAVING JURISDICTION.
- NOTIFY THE OWNER'S ENGINEER OF DISCREPANCIES BETWEEN THE WORK AND APPLICABLE CODES. DO NOT WORK IN AN AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED.
- VERIFY CODES IN EFFECT AT THE TIME OF THE NOTICE TO PROCEED AND STAY CURRENT WITH CODE CHANGES WHICH AFFECT THE WORK UNTIL SUBSTANTIAL COMPLETION.

Topographical information was provided by Dakota County. This information has not been verified as to its accuracy or completeness by Rehder & Associates, Inc.



## PROJECT LOCATION



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Minneapolis, MN 55412  
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www.rehder.com

**REHDER & ASSOCIATES, INC.**  
Civil Engineers & Land Surveyors

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Name: Nicholas P. Adam Date: 8-29-25  
Reg. No.: 43855

Issued

CONSTRUCTION DOCUMENTS

MISSISSIPPI RIVER REGIONAL TRAIL  
SLOPE RECONSTRUCTION  
CITY OF INVER GROVE HEIGHTS

SHEET NUMBER

C1

PROJECT NO.: 251-2531.044 DRAWING FILE: 2531044.DWG