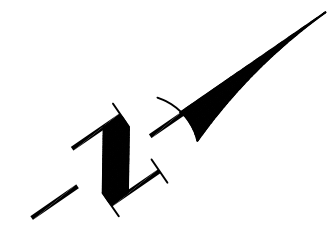
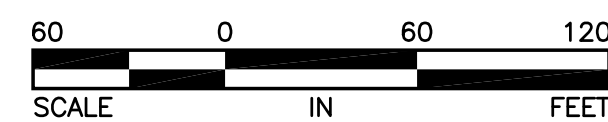


GENERAL NOTES:

1. PRIOR TO IMPORTING OR EXPORTING MATERIAL FROM THE SITE, CONTRACTOR SHALL CONSTRUCT A ROCK CONSTRUCTION ENTRANCE PER DETAIL ON SHEET 3.
2. INSTALL INLET PROTECTION ON ALL CATCH BASINS THAT RECEIVE RUNOFF FROM THE DISTURBED AREA. INLET PROTECTION SHALL BE PER DETAILS ON SHEET 4, OR APPROVED EQUAL.
3. SILT FENCE SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE ACTIVITIES. DUAL SILT FENCE, SPACED 3' MIN. APART SHALL BE INSTALLED ALONG WETLAND EDGES WHERE 50' NATURAL BUFFER IS NOT MET. SEE PLAN.
4. REVEGETATION AND STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF ROUGH GRADING.
5. MAXIMUM SLOPES SHALL NOT EXCEED 4:1
6. STREETS AND PROPERTY ADJACENT TO THE CONSTRUCTION SHALL BE KEPT FREE FROM SEDIMENT CAUSED BY CONSTRUCTION TRAFFIC, SITE RUNOFF AND BLOWING DUST. HAND BROOM OR PICKUP SWEEPER SHALL BE EMPLOYED. KICK BROOM STYLE SWEEPER IS NOT ALLOWED.
7. ALL DISTURBED AREAS SHALL RECEIVE 4" OF SALVAGED TOPSOIL AND BE SEEDDED WITH MN/DOT SEED MIX 25-151 OR APPROVED EQUAL. INFILTRATION BASIN SHALL BE SEEDDED WITH MN/DOT SEED MIX 33-261. APPLY SEED, FERTILIZER AND MULCH PER THE RECOMMENDATIONS OF THE CURRENT MN/DOT SEEDING MANUAL. MULCH SHALL BE TYPE 1 AND SHALL BE DISC ANCHORED.
8. SEE SHEET 2 FOR LOT GRADING DETAILS AND ADDITIONAL NOTES.
9. CONTRACTOR SHALL MEET ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN PREPARED BY RUM RIVER LAND SURVEYORS AND ENGINEERS.
10. CONTRACTOR SHALL COMPLETE THE STREET AND LOT GRADING FOR HILLSIDE ESTATES ELEVENTH ADDITION AND FOR THE TWO FUTURE DEVELOPMENT PHASES SHOWN ADJACENT TO CARSON COURT AND 195TH AVENUE EAST OF BALDWIN STREET.
11. THE CONTRACTOR SHALL STRIP AND TEMPORARILY STOCKPILE ALL EXISTING TOPSOIL FOR REUSE. SALVAGING TOPSOIL IS INCLUDED AS COMMON EXCAVATION. PLACING 4 INCHES OF SALVAGED TOPSOIL OVER THE DISTURBED AREAS SHALL BE INCIDENTAL.
12. SHEETS 9 AND 10 SHOW THE FINAL GRADING PLAN AFTER THE HOME CONSTRUCTION IS COMPLETE. THESE GRADES REPRESENT THE SURFACE LABELED AS THE FINAL GRADES ON THE TYPICAL SECTIONS ON SHEET 2. THIS PROJECT INCLUDES GRADING THE SUBGRADE TO THE INTERIM GRADES SHOWN ON THE TYPICAL SECTIONS ON SHEET 2 AND THE CROSS SECTIONS SHOWN ON SHEETS X1-X5.

LEGEND

- 900 --- EXISTING CONTOUR
- 900 — PROPOSED CONTOUR
- V — EXISTING SANITARY SEWER
- I — EXISTING WATERMAIN
- >> — EXISTING STORM SEWER
- G — EXISTING GAS
- T-BUR — EXISTING TELEPHONE
- U-OH — EXISTING OVERHEAD UTILITY
- P-BUR — EXISTING UNDERGROUND ELECTRIC
- >> — PROPOSED STORM SEWER
- ▣ ▩ ○ PROPOSED STORM SEWER STRUCTURES
- — — SILT FENCE SEE SHEET 3
- ⊗ INLET PROTECTION SEE SHEET 4
- ▤ ROCK CONSTRUCTION ENTRANCE SEE SHEET 3



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DATE	REVISION
11/28/17	PLAN REVISIONS PER CITY REVIEW
2/9/18	PLAN REVISIONS
3/8/18	ADD FUTURE PIPE AND E.O.F. GRADING
3/19/18	PLAN REVISIONS
4/6/18	ADD SOIL BORING
5/7/18	PLAN REVISIONS PER CITY REVIEW

I hereby certify that this plan, specification, or report 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.

Eric J. Jochum
 Eric J. JOCHUM, PE
 Lic. No. 23461

Date 7/31/17

DESIGNED BY:
CJJ

DRAWN BY:
MSS

CHECKED BY:
TAE

RUM RIVER
 LAND SURVEYORS & ENGINEERS

PO Box 1044
 Princeton, MN 55371

Telephone: (763) 389-4476
 Fax: (763) 631-0376

HILLSIDE ESTATES ELEVENTH ADDITION

OVERALL GRADING, DRAINAGE AND
 EROSION CONTROL PLAN

CITY OF ELK RIVER, MINNESOTA

SHEET 8 OF 22 SHEETS