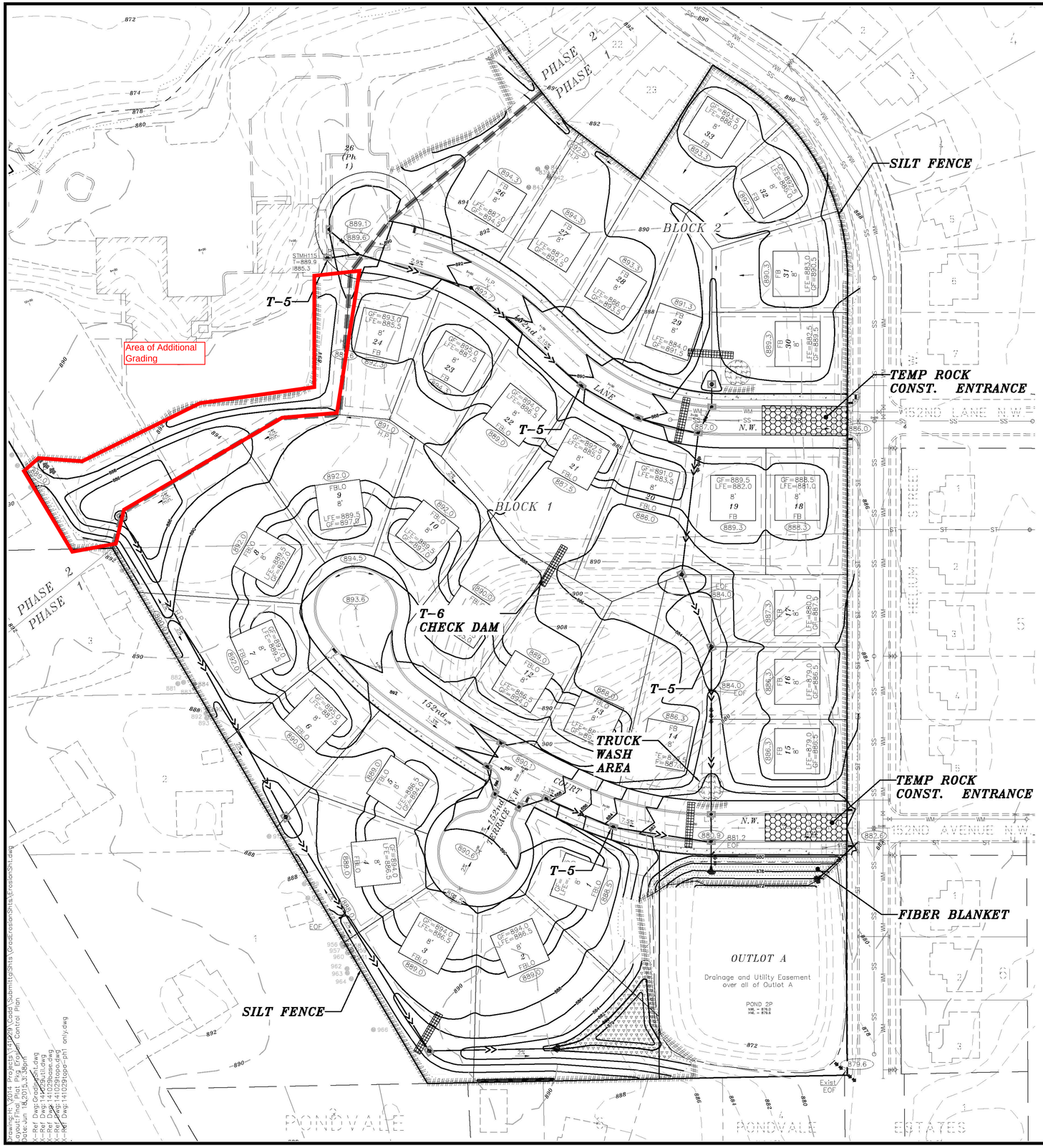
HARVEST ESTATES
City of Ramsey
Anoka County, Minnesota



NOTE: SCALE IS 1"=60'

60 0 60 120 180

Scale 1" = 60'

GENERAL EROSION CONTROL NOTES:

EROSION CONTROL SCHEDULE:

1.) INSTALL EROSION CONTROL MEASURES PRIOR TO ANY LAND DISTURBANCE. INSTALL SEDIMENT FILTERS IMMEDIATELY FOLLOWING INSTALLATION OF STRUCTURE.
2.) SLOPES MUST BE STABILIZED BY BEING SEEDED AND COVERED WITH AN EROSION CONTROL BLANKET OR MULCHED WITH A TACKIFYING AGENT AS SOON AS POSSIBLE AFTER COMPLETION OF GRADING
3.) ALL EROSION CONTROL INSTALLATIONS SHALL REMAIN IN PLACE AND BE MAINTAINED IN GOOD CONDITION BY THE CONTRACTOR/PERMITTEE UNTIL THE SITE HAS BEEN RE-VEGETATED, AT WHICH TIME THEY SHALL BE REMOVED. FOR PROPOSED PAVED SURFACE AREA, THE CONTRACTOR MAY REMOVE NECESSARY SILT FENCING TO CONSTRUCT ROADWAY WHILE MAINTAINING ADEQUATE EROSION CONTROL IN ADJACENT AREAS.
4.) SUFFICIENT TOPSOIL SHALL BE STOCKPILED TO ALLOW FOR THE REPLACEMENT OF A MINIMUM OF 4" OF TOPSOIL FOR DISTURBED AREAS THAT ARE TO BE REVEGATATED.
5.) THE CONTRACTOR/PERMITTEE SHALL SCHEDULE SITE GRADING, UTILITY INSTALLATION AND ROADWAY CONSTRUCTION SO THAT THE GENERAL SITE CAN BE MULCHED AND RE-SEEDED SOON AFTER DISTURBANCE. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING OR AFTER 14 DAYS OF GRADING INACTIVITY. ALL MULCH MATERIAL SHALL BE DISCED INTO THE SOIL IN DIRECTION PERPENDICULAR TO THE STORMWATER FLOW OVER SUCH AREAS.
6.) REVEGETATE WITH MNDOT MIX 50B OR 60B AT 75 LBS/ACRE WITH TYPE 1 MULCH AT 2000 LBS/ACRE.

EROSION CONTROL MAINTENANCE PROGRAM:

1.) INSPECT CONSTRUCTION SITE ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT OF MORE THAN ½ INCHES IN 24 HOUR PERIOD.
2.) SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
3.) SILT FENCE FABRIC SHALL BE REPLACED PROMPTLY WHEN IT DECOMPOSES OR BECOMES INEFFECTIVE BEFORE THE BARRIER IS NO LONGER NECESSARY.
4.) ALL SOILS TRACKED ONTO PAVEMENT SHALL BE REMOVED DAILY.
5.) ANY SEDIMENT REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER FABRIC IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED WITH THE APPROPRIATE SEED MIX.
6.) IN THOSE AREAS WHERE WOOD FIBER BLANKET OR OTHER SLOPE STABILIZATION METHOD HAS FAILED, THE SLOPE SHALL BE REESTABLISHED, SEED AND TOPSOIL REPLACED, AND ADDITIONAL SLOPE TREATMENT INSTALLED.
7.) SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPWARD SLOPE AREA HAS BEEN PERMANENTLY STABILIZED. REMOVAL IS REQUIRED WITH ALL TEMPORARY EROSION CONTROL FACILITIES (SEDIMENT FILTERS, HAY BALES, ETC.) ONCE SITE IS PERMANENTLY STABILIZED BY THE BUILDER.
8.) ALL PERMANENT SEDIMENTATION BASINS MUST BE RESTORED TO THEIR DESIGN CONDITION IMMEDIATELY FOLLOWING PERMANENT STABILIZATION OF THE SITE.

EROSION CONTROL LEGEND:

- WOOD FIBER BLANKET
- ROCK CONSTRUCTION ENTRANCE
- SEDIMENT TRAP OUTLET
- SILT FENCE
- CHECK DAM
- INLET PROTECTION
- TRUCK WASH AREA

PROJECT NUMBER 141029

REVISIONS		
REMARKS	DATE	BY
Final plan sheet set	4/14/15	gph
Revise Lot Blk #'s to match Ph 1 plat	4/29/15	gph
Revisions Per City Comments	6/12/15	tpk
Grading Plan Revisions	6/19/15	gph

CERTIFICATION:
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.

Randall C. Hedlund — Date: 6/19/15 — MN. LIC. NO. 19576

PREPARED BY:
HEDLUND SURVEYING ENGINEERING PLANNING
2005 Pin Oak Drive
Eagan, MN 55122-6600
Phone: (651) 405-6600
Fax: (651) 405-6606

SHEET TITLE:
HARVEST ESTATES
FINAL EROSION PLAN (PH 1)

PREPARED FOR:
GS LAND LLC
1334 138TH AVE NW
ANDOVER, MN 55304
Phone: (612) 868-0862

DRAWN	CHECKED	DESIGN
---	---	---

SHEET NUMBER
CE-1

DATE 4/14/15
REV. 6/19/15

Drawing N:\2014 Projects\141029 Gold's Submittals\Sheets (Grad,Erosion,Shts,Erosion Shts).dwg
Layout: Final Plat Plg Erosion Control Plan
Date: Jun 18, 2015, 3:38pm
X-Ref Dwg: Grading-ph1.dwg
X-Ref Dwg: 141029ult.dwg
X-Ref Dwg: 141029topo.dwg
X-Ref Dwg: 141029topo-ph1 only.dwg