

Benchmarks:
 BM #1: 135th St. W. & Pawnee—
 City of Wichita Benchmark Disc,
 northeast corner of intersection on
 SW corner of concrete base of
 high line pole.
 Elev. = 1359.65 NGVD29

BM #2: City of Wichita Benchmark
 Disc, 0.4 mi. South of Kellogg on
 135th St. W., west side of
 concrete base for high line pole,
 west of K.G.&E. Substation, 135±
 south of railroad tracks on east
 side of 135th St. W.
 Elev. = 1367.77 VGVD29

EROSION CONTROL LEGEND

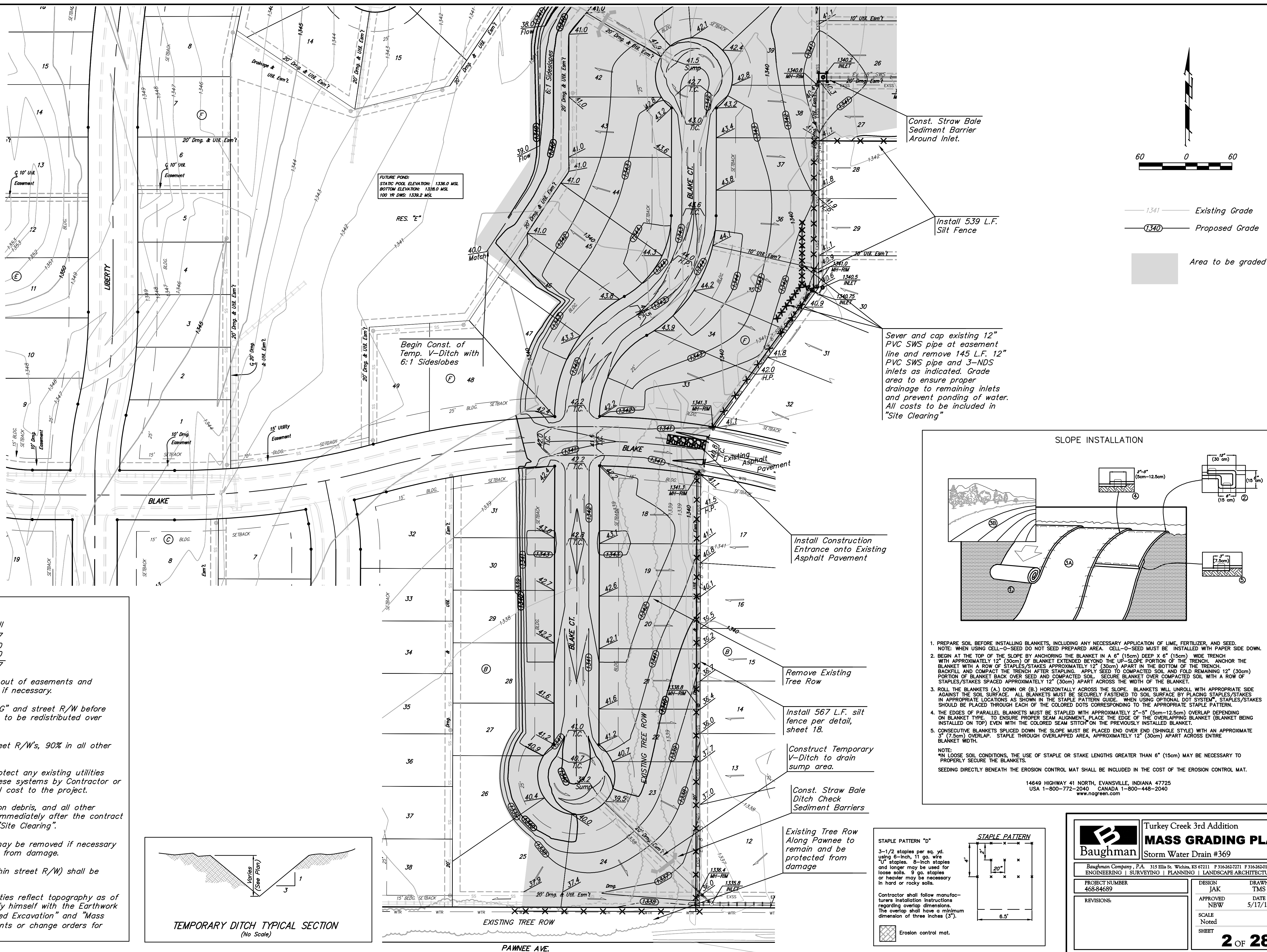
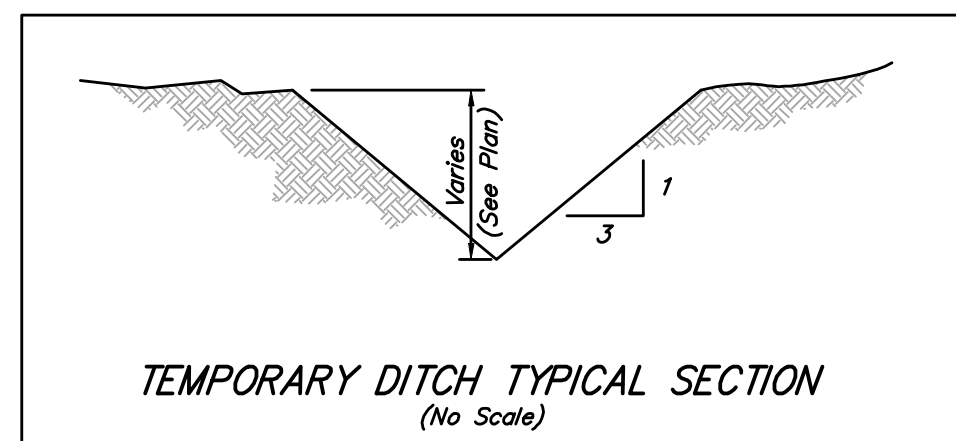
- DROP INLET PROTECTION
- STRAW BALE BARRIERS
- SILT FENCING
- CUT-OFF TRENCH
- EROSION CONTROL MAT
(North American Green
Blonet S150BN, or
approved equal)

EARTH WORK TOTALS (unadjusted)

| | C.Y. Excavation | C.Y. Fill |
|--------------------|-----------------|----------------|
| Mass Grading | 36,933 | 104,407 |
| Pond Construction | 103,312 | 0 |
| Ditch Construction | 3,250 | 0 |
| Total | 143,495 | 104,407 |

Stockpile excess material on-site where indicated, out of easements and right-of-way. Additional area may be staked out if necessary.

- Contractor to strip top 3" of soil within Res. "G" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserve "G" above water surface.
- Compaction of 95% shall be obtained in all street R/Ws, 90% in all other areas.
- It shall be the Contractor's responsibility to protect any existing utilities during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
- All existing concrete rubble, existing construction debris, and all other existing trash shall be removed by contractor immediately after the contract is accepted. This work shall be incidental to "Site Clearing".
- Only trees within the street R/W or Res. "G" may be removed if necessary for grading. All other trees shall be protected from damage.
- All areas disturbed by construction (except within street R/W) shall be seeded as indicated on Pond Plan.
- Earthwork Cross Sections and Earthwork Quantities reflect topography as of February 26, 2010. The Contractor shall satisfy himself with the Earthwork Quantities associated with Bid Items "Unclassified Excavation" and "Mass Grading" prior to bidding. No additional payments or change orders for earthwork will be accepted.



Const. Straw Bale
Sediment Barrier
Around Inlet.

Install 539 L.F.
Silt Fence

Sever and cap existing 12"
PVC SWS pipe at easement
line and remove 145 L.F. 12"
PVC SWS pipe and 3-NDS
inlets as indicated. Grade
area to ensure proper
drainage to remaining inlets
and prevent ponding of water.
All costs to be included in
"Site Clearing"

Install Construction
Entrance onto Existing
Asphalt Pavement

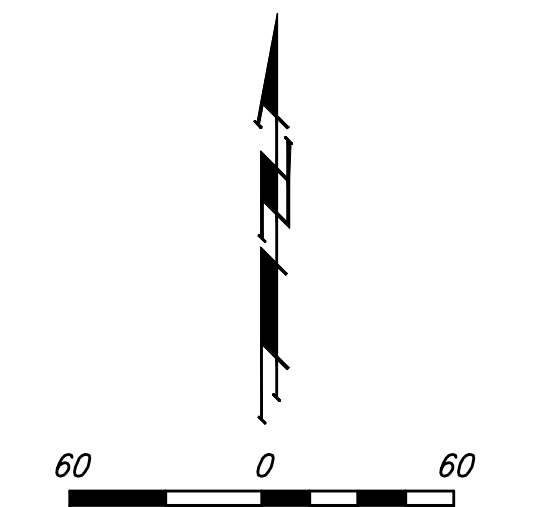
Remove Existing
Tree Row

Install 567 L.F. silt
fence per detail,
sheet 18.

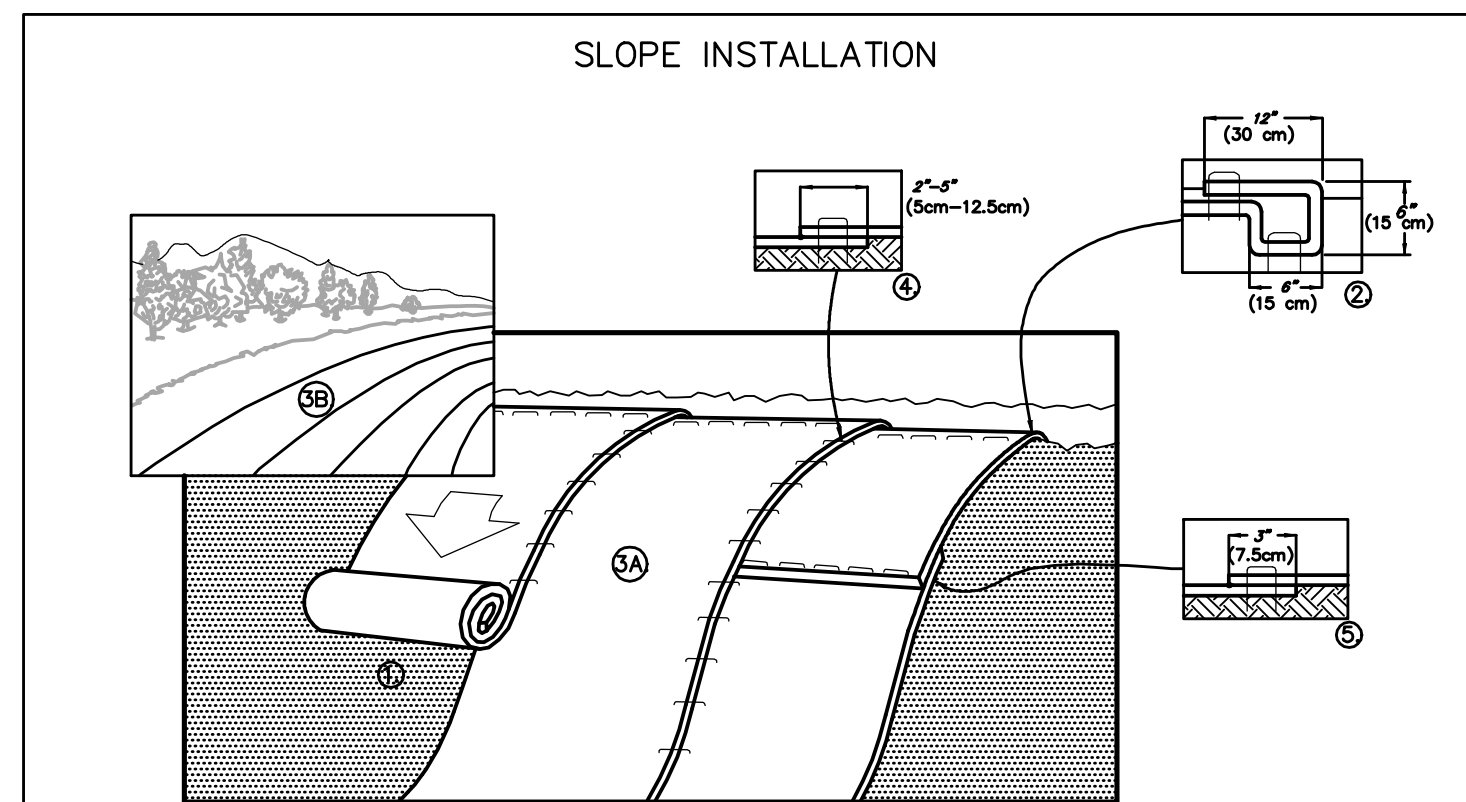
Construct Temporary
V-Ditch to drain
sump area.

Const. Straw Bale
Ditch Check
Sediment Barriers

Existing Tree Row
Along Pawnee to
remain and be
protected from
damage



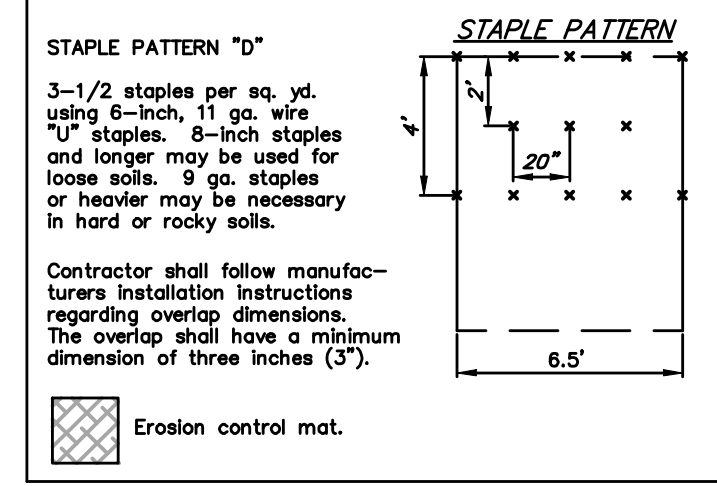
— 1341 — Existing Grade
 (1340) Proposed Grade
 Area to be graded



- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
 *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
 SEEDING DIRECTLY BENEATH THE EROSION CONTROL MAT SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL MAT.

14849 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47725
 USA 1-800-772-2040 CANADA 1-800-448-2040
 www.nagreen.com



Baughman Turkey Creek 3rd Addition
MASS GRADING PLAN
 Storm Water Drain #369

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7771 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

| | | |
|-----------------------------|-----------------|-------------------------|
| PROJECT NUMBER 468-84689 | DESIGN JAK | DRAWN TMS |
| REVISIONS: | APPROVED NBW | DATE 5/17/11 |
| SCALE Noted | | SHEET 2 OF 28 |

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