Install 156 S.Y. Heavy Stone Rip-rap.

Install 670 L.F. Silt Fencing.

Install 2,735 S.Y. North American Green Erosion Control Mat S150BN, or approved equal. Erosion control mat shall be installed and anchored per details, this sheet. Note: This quantity does not include excess material necessary for overlap and anchoring.

Install sediment barrier around inlet.

Remove & Replace Existing Silt Fencing as Necessary for Ditch Construction.

Install sediment barrier around inlet.

Maintain Silt Fencing.

Install 13,192 S.Y. Curlex

63RD STREET SOUTH

SUNFLOWER DR.

SUNFLOWER CT.

ARKANSAS RIVER

VASSAR AVE.

GOODDALE AVE.

RESERVE "C"

LAKE WATER ELEV.=1246.6

RES. "B"

Install Rip-rap per Plan Sheets.

Install Rip-rap per Plan Sheet.

Construct 2,288 L.F. Cutoff Trench & Berm Around High Bank of Lake.

Install sediment barrier around inlet.

Contractor shall maintain one Constrcution Entrance with this project

SCALE: 1" = 100'

Proposed 24" RCP

(1255) Proposed Grade

1255 Existing Grade

NOTES:
1. This Plan Is Not To Be Used As A Comprehensive Grading Plan. All Spot Elevations Are Proposed & Subject To Change.

2. Each Lot Area Disturbed By Construction Shall Be the Responsibility of Each Individual Homeowner. Owner Responsible to Follow All SWPP Plans & Guidelines For The Area.

3. Erosion Control Matting and/or Other Approved Bank Stabilization w/Seeding & Fertilizer Shall Be Installed at Engineered Channels or Sedimention Basins Where the Designed Sideslopes Will be Greater Than 6:1. All Other Disturbed Areas Shall be Seeded, Fertilized, & Mulched As Follows:

SEED --
150 lbs. per acre of K-31 Fescue.
200 lbs. per acre of Annual Rye.
50 lbs. per acre of Brome
FERTILIZER ---
12-24-12 Ratio - 350 lbs./ac.
MULCH --
2 Tons of Prairie Hay or Bromegrass Hay per Acre " Patted" w/Forks Or Punched Into Soil To Reduce Loss Due To Wind.

4. Install 8' Wide Curex/Excelsior Blanket, or Approved Equal, on Prepared Surface Back of Curb. Edge of Blanket Will Be At Back of Curb. Install Per Manufactures Recommendation, Including Staples.

5. The Silt Fence Install Around the Ponds May be Substituted with a 40' Wide Strip of Mat-Blend 50/50 Plus Wood Fiber Mulch. The Seeding Rate Shall Be the Same As Note 3. Contact Mat, Inc. For More Information on Mat-Blend Plus at 1-888-477-3028. Mat-Blend Plus May be Substituted For Another Comparable Hydro-Mulch Product.

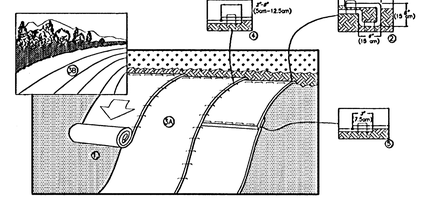
OWNER:
CAYWOOD, LLC
ATTN: JAY W. RUSSELL
P.O. BOX 75337
WICHITA, KS 67275
PH: 316-722-2417

LEGAL DESCRIPTION:
A TRACT OF LAND IN THE SW1/4 OF SEC. 26, AND IN THE SE1/4 OF SEC. 27, AND IN THE NE1/4 OF SEC. 34, ALL IN TWP. 28-S, R-1-E OF THE 6TH P.M., SEDGWICK COUNTY, KANSAS.

BENCHMARK:
BRASS PLATE ON THE TOP OF THE NE WING OF THE ARKANSAS RIVER BRIDGE AT 63RD STREET SOUTH.
ELEV. = 1267.48 NGVD29

SLOPE INSTALLATION

NORTH AMERICAN GREEN



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. 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.
3. 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.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-3" (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 STRIPE ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END-OVER-END (SHINGLE STYLE) WITH AN APPROXIMATE 6" (15cm) 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 8" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

14649 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47725
USA 1-800-772-2040 CANADA 1-800-448-2040
www.nagreen.com

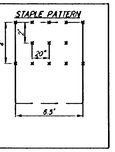
STAPLE PATTERN "D"

3-1/2 staples per sq. yd. using 6-inch, 11 ga. w/a "U" staples. 8-inch staples and longer may be used for loose soils. 9 ga. staples or heavier may be necessary in hard or rocky soils.

Contractor shall follow manufacturer's installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").

Erosion control mat.

STAPLE PATTERN

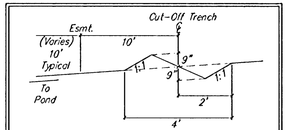


EROSION CONTROL PLAN LEGEND
(Includes Grade Point & Silt Fence Key)

- STONE RIP-RAP
- DROP INLET PROTECTION
- CURB INLET PROTECTION
- STRAW BALE BARRIERS
- SILT FENCING
- EARTH DIKES

NO SCALE

Cut-Off Trench



Cut-Off Trench Detail
(No Scale)

EROSION CONTROL MEASURE	UNITS	QUANTITY
SILT FENCE	L.F.	670
RIPRAP, LIGHT STONE	S.Y.	320
RIPRAP, HEAVY STONE	S.Y.	203
INLET BARRIER	EA.	3
STRAW BALE BARRIER	EA.	N/A
EROSION CONTROL BERM	L.F.	2,288
CURLEX	S.Y.	13,192
POND E.C. BLANKET	S.Y.	2,735
Construction Entrance	EA.	1

QUANTITIES ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY QUANTITIES PER FINAL BID QUANTITY SHEET.

Baughman

Clifton Cove Addition
Erosion Control Plan
Storm Water Drain #269

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.2221 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 4684.4024
REVISIONS
DESIGN MWS/JAK
DRAWN JAK
APPROVED
DATE 5/30/06
SCALE 1" = 100'
SHEET **19** OF **25**

F:\Eng\Clifton Cove Add\SWS\Erosion.plan 0508-E316