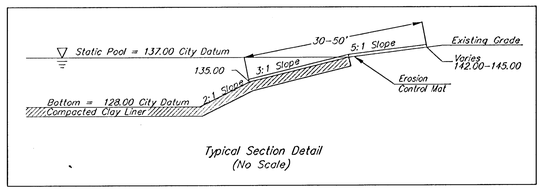
BENCHMARK:
"□" Cut on Top of Curb, North Side Siefkes, NW of Center Line of Siefkes Ct., Shadybrook Meadow Addition.
Elev. = 1.35.19 City Datum
(1322.59 NGVD)



Typical Section Detail
(No Scale)

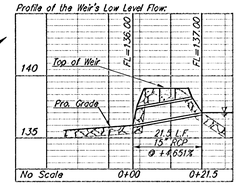
SCALE:
1" = 40'
• = IRON

NOTES:

1. POND BOTTOM AND SIDESLOPES BELOW STATIC POOL ELEVATION SHALL BE OVER-EXCAVATED 1' AND A 1' CLAY LINER SHALL BE COMPACTED TO 95% STD. DENSITY. THE PLASTICITY INDEX (P.I.) SHALL BE AT LEAST 20. THE COMPACTION AND P.I. SHALL BE VERIFIED DURING CONSTRUCTION.
2. ANY EXCESS EXCAVATION SHALL BE STORED ON-SITE AT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. ALL OF RESERVE "E" ABOVE THE STATIC WATER SURFACE SHALL BE SEEDED
   SEED -- KANSAS PREMIUM FESCUE BLEND; 8#/1000 SQ. FT., DRILLED
   MULCH -- 2 TONS PRAIRIE HAY / ACRE, WHERE EROSION MAT IS NOT INSTALLED
   FERTILIZER -- 16-26-16 RATIO - 350 LBS./AC.

   ALL OTHER DISTURBED AREAS NOT COVERED BY PAVEMENT ARE TO BE SEEDED AND MULCHED AS FOLLOWS: (TEMPORARY SEEDING)
   SEED -- RYE GRASS (PR.S) -- 3#/1000 SQ. FT. AND KANSAS PREMIUM FESCUE BLEND; 3#/1000 SQ. FT.
   MULCH -- 2 TONS PRAIRIE HAY / ACRE
   FERTILIZER -- 16-26-16 RATIO - 350 LBS./AC.
4. INSTALL SC150 EROSION CONTROL MAT FROM BELOW THE WATER SURFACE (135.00) TO 30' UP THE BANK. CALL NORTH AMERICAN GREEN, INC. AT 1-800-772-2040 FOR MORE INFORMATION.
5. BAUGHMAN COMPANY WILL PROVIDE POND STAKING INFORMATION AT THE TIME OF CONSTRUCTION.
6. CONTRACTOR SHALL NOTIFY PAUL CATER, WITH THE KANSAS TURNPIKE AUTHORITY 10 DAYS PRIOR TO THE CONSTRUCTION OF THE POND. MR. CATER CAN BE CONTACTED AT 316-682-4537.

Profile of the Weir's Low Level Flow:



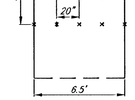
PROJECT EARTHWORK SUMMARY:
Mass Grading-
17,814 C.Y. Excavation
32,551 C.Y. Compacted Fill
Pond Plan-
44,496 C.Y. Excavation
2,700 C.Y Compacted Fill
Total -
62,310 C.Y. Excavation
35,251 C.Y. Compacted Fill
(Note: This Quantity is to Achieve Final Shape of Pond. It Does Not Include The Over-Excavation of 1' To Place Clay Liner.)

STAPLE PATTERN "D"

3-1/2 staples per sq. yd. using 6-inch, 11 ga. wire "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 manufacturers installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").

STAPLE PATTERN



North American Green SC150 Erosion Control Mat.

Pond Data:
W.S.=137.00 (City Datum)
Bottom=128.00 (City Datum)
100-Yr. W.S.=139.83 (City Datum)

SHOAL CREEK ADDITION
POND PLAN
CITY OF WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
488-83187	17 OF 28

DESIGN	DRAWN	APPROVED	DATE	SCALE
SCL	SCL	NDW	1/18/01	NOTED

05-11-PP01
Front Town