BENCHMARK:

BM #5 – City of Wichita Bench Mark Disc, 35' South and 25' East of Centerlines Hydraulic and 43rd St. South. Elev. = 82.13 (City Datum)

SCALE: 1" = 40'

Grade Existing Channel as Necessary to Maintain Drainage from the Parking Lot. Cost to be INCIDENTAL to "Site Restoration".

Sta. 34+94.02, 329.28' Lt. Begin Shore Guard 550 Sheet Piling w/ Anchoring System Top Wall Elevation = 77.00 See Detail, Sheet 8.

*Proposed Shallow Region***

*Proposed Aerator Location**

Construct Pond as Shown. See Detail, Sheet 8.

POND DATA:
Static Elevation = 73.5
Bottom Elevation = 65.0
Surface Area = 7.11 Ac.

*Proposed Trench Locations****

Sta. 36+10.12, 322.57' Lt. End Shore Guard 550 Sheet Piling w/ Anchoring System

Sta. 36+09.86, 204.20' Lt. Deflect Sheet Piling 45° 00' (N)

Sta. 35+83.68, 178.12' Lt. Deflect Sheet Piling 45° 00' (N)

*Proposed Aerator Location**

Sta. 35+19.82, 178.26' Lt. Deflect Sheet Piling 45° 00' (E)

Sta. 34+93.75, 204.45' Lt. Deflect Sheet Piling 45° 00' (E)

Construct 24' Channel (E) See Sheet 12.

End Shore Guard 300 Sheet Piling Along South Edge. See Sheets 8 & 12.

Extend Shore Guard 300 Sheet Piling Along South Edge. See Sheets 8 & 12.

*Proposed Shallow Region***

Proposed 35' Drainage Channel

Concrete Parking Lot w/ Curb

Asphalt Tennis Courts w/ Concrete Header and 8' Chain Link Fence

MINNESOTA AVENUE

GEORGIA AVENUE

VINNEAPOLIS

25' UTILITY EASEMENT

10' UTILITY EASEMENT

16' UTILITY EASEMENT

BALCH HOMESTEAD ADDITION

BLK B

20' DRAINAGE EASEMENT

10' UTILITY EASEMENT

60' DRAINAGE EASEMENT

60' DRAINAGE EASEMENT

60' DRAINAGE EASEMENT

Ex. 8' Chain Link Fence

Ex. Sprint Fiber Optic Cable

KANSAS TURNPIKE AUTHORITY

Ex. 4' Chain Link Fence

EOA

Ex. 24' Drainage Channel and Trash Grate

Double 10' X 4' RCBC

RIVERSIDE MOBILE HOME PARK

CATV Ped

GM EM XFMR GM GM EM GM

BOARD OF PARK COMMISSIONERS EMERY PARK C-101-UP

32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00 41+00

***
Contractor to install 2–2HP, 208/240 Volt, 3 phase Suface Aerators with package as manufactured by Aeromix Systems, Inc., or approved equal, complete in place and operational in locations as show.

Contractor to coordinate with KG&E for power requirements & transformer locations.

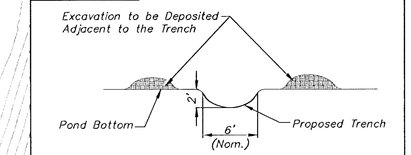
For more information on the aerators, contact:

AEROMIX Systems, Inc.
2611 N. Second Street
Minneapolis, MN 55411–1634
(800) 569–1345
(612) 521–3321

****
Following the final pond excavation, the Contractor shall deposit excess excavation at locations designated on the plans as "Shallow Regions" on the plan. These regions shall be constructed to enhance aquatic plant and fish life. The shallow regions shall be approximately 3' deep and may be constructed under the supervision of the Parks and Wildlife Representative. Construction of the shallow regions shall not be paid for directly, but shall be considered INCIDENTAL to other items in the Project.

*****
The Contractor shall excavate 4 trenches along the bottom the pond as shown to provide habitats for fish life. These trenchs are to be approximately 6' wide and 2' deep. See Detail, This Sheet. The excavtion for the trenches shall be considered INCIDENTAL to other items in the Project.

TRENCH DETAIL



Contractor to Contact the Wildlife and Parks Representative for Further Information.

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	Pond	F:\\Hydraulic\Pond

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
TPV/JFB	TPV	JFB	Sept 2001	Noted	99-09-E453

CAPITAL IMPROVEMENT PROJECT

DETENTION POND

HYDRAULIC AVENUE PAVING - INCIDENTAL DRAINAGE PROJECT - PHASE 2

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