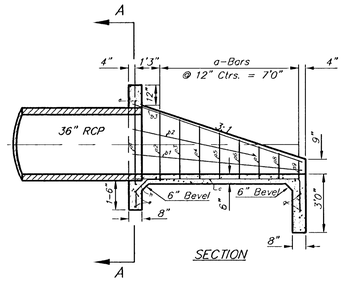
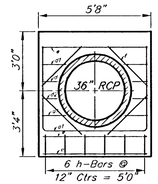


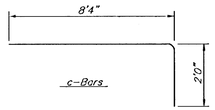
PLAN



SECTION

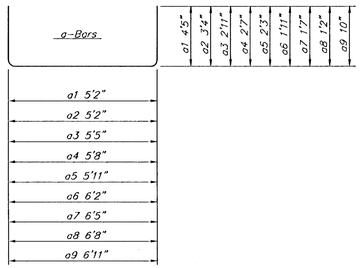


SECTION A-A





h-Bars



REBAR SCHEDULE

Bar	Shape	No.	Length	Weight
a1	⌊⌋	1	14'0"	9.35
a2	⌊⌋	1	11'10"	7.90
a3	⌊⌋	1	11'3"	7.52
a4	⌊⌋	1	10'10"	7.24
a5	⌊⌋	1	10'5"	6.96
a6	⌊⌋	1	10'0"	6.68
a7	⌊⌋	1	9'7"	6.40
a8	⌊⌋	1	9'0"	6.01
a9	⌊⌋	1	8'7"	5.73
b1	—	2	8'5"	11.24
b2	—	2	4'7"	6.12
b3	—	2	9'0"	12.02
c	⌐	6	10'4"	41.42
d1	—	4	1'6"	4.01
d2	—	4	10"	2.23
e	—	3	5'4"	10.69
f	—	4	3'0"	8.02
g	—	2	7'0"	9.35
h	⌐	6	2'6"	10.02
Total Rebar				178.91 Lbs.
Concrete				3.20 C.Y.

HEADWALL FOR 36" RCP

A Deduction in Concrete Quantities Has Been Made for Pipe Openings Through the Headwall

* Field Bend or Cut Reinforcing as Required for Clearance.

All Concrete Reinforcement to be #4 Rebar

All Rebar to Have Min. of 1 1/2" Conc. Cover

GENERAL NOTES

1. All pipes shall be flush cut prior to being cast into concrete headwall.
2. Concrete used in Headwall construction shall be same as per City Standard Paving Mix except that it shall have a minimum 28 day compressive strength of 4000 PSI.
3. All exposed edges shall be beveled 1/2".
4. Reinforcing steel shall comply to A.S.T.M. Designation A615 Grade 60. All dimensions relative to reinforcing steel are to centerline of bar unless otherwise noted.
5. The "Rein. Conc. Headwall" shall be paid for at the unit price bid per each in place which shall include all labor, materials, excavation, concrete, reinforcing steel and all other incidental items necessary to complete the work. Material quantities shown are for information only.

Baughman

Turkey Creek 2nd Addition - Phase II

HEADWALL DETAIL

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.263.7271 F 316.263.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84029

DESIGN JAK | DRAWN JAK

APPROVED | DATE 4/12/06

REVISIONS:

SCALE None

SHEET 26 OF 41

E:Eng\Turkey Creek 2nd\Phase 2\Hdwl_det 06-01-E482