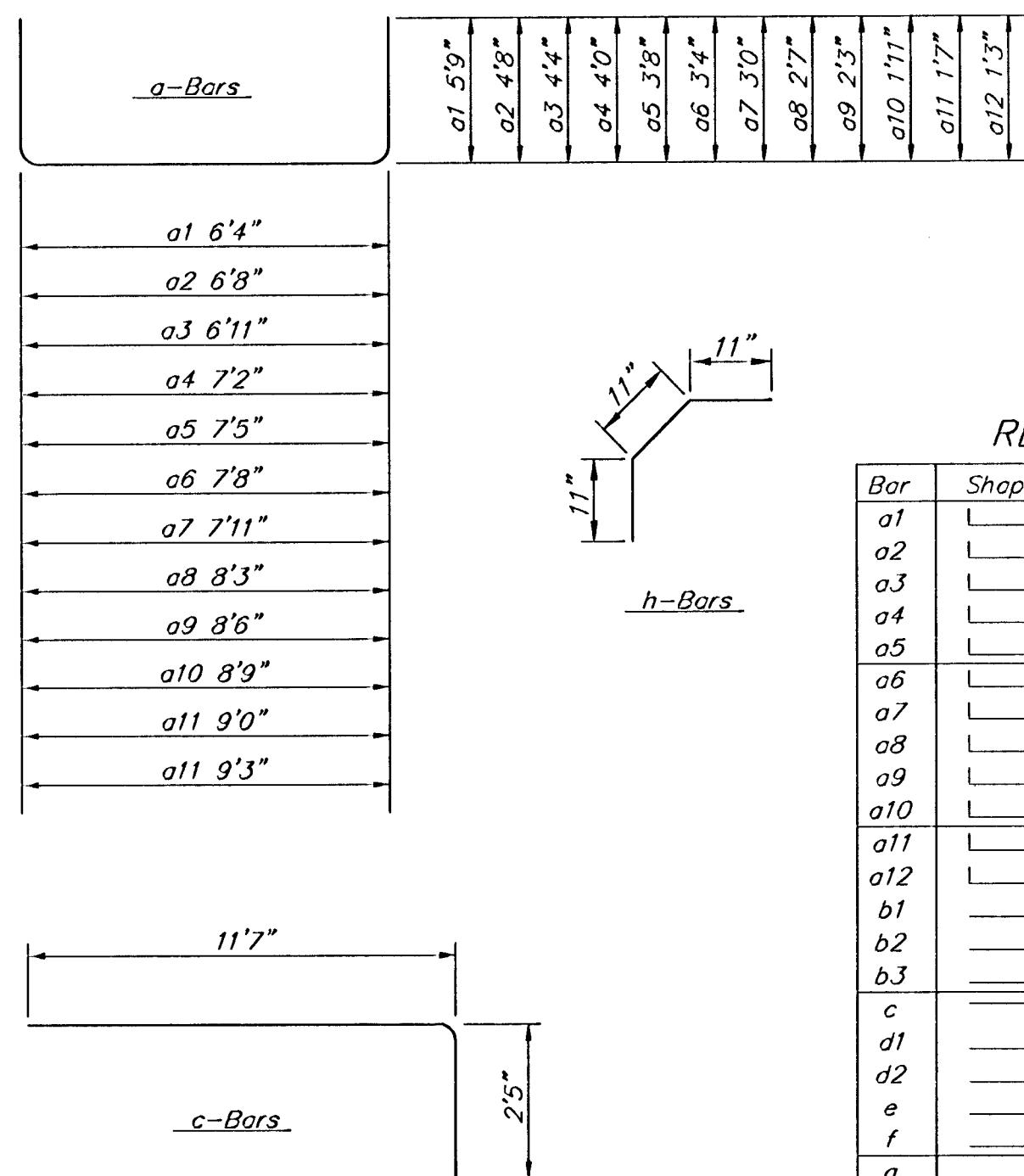
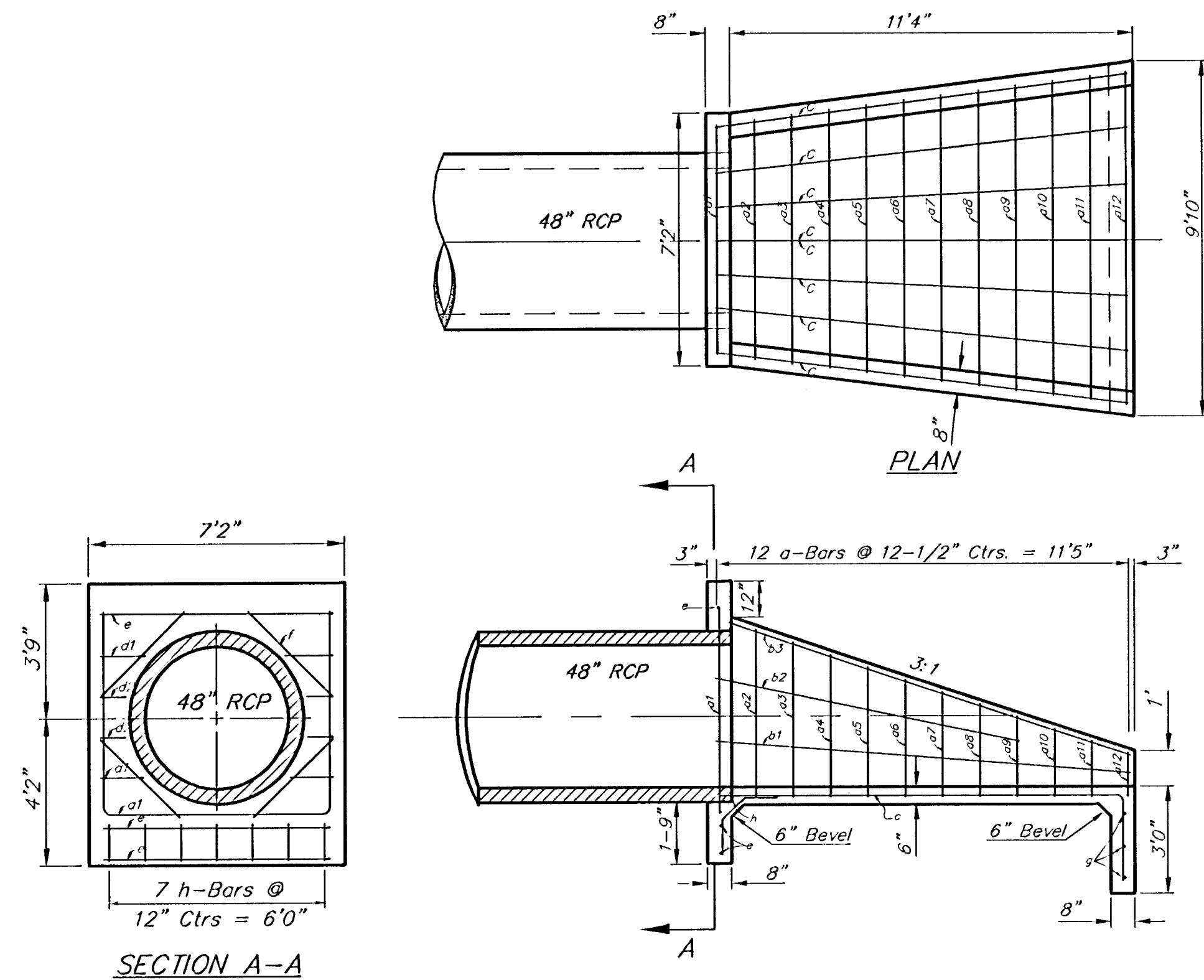
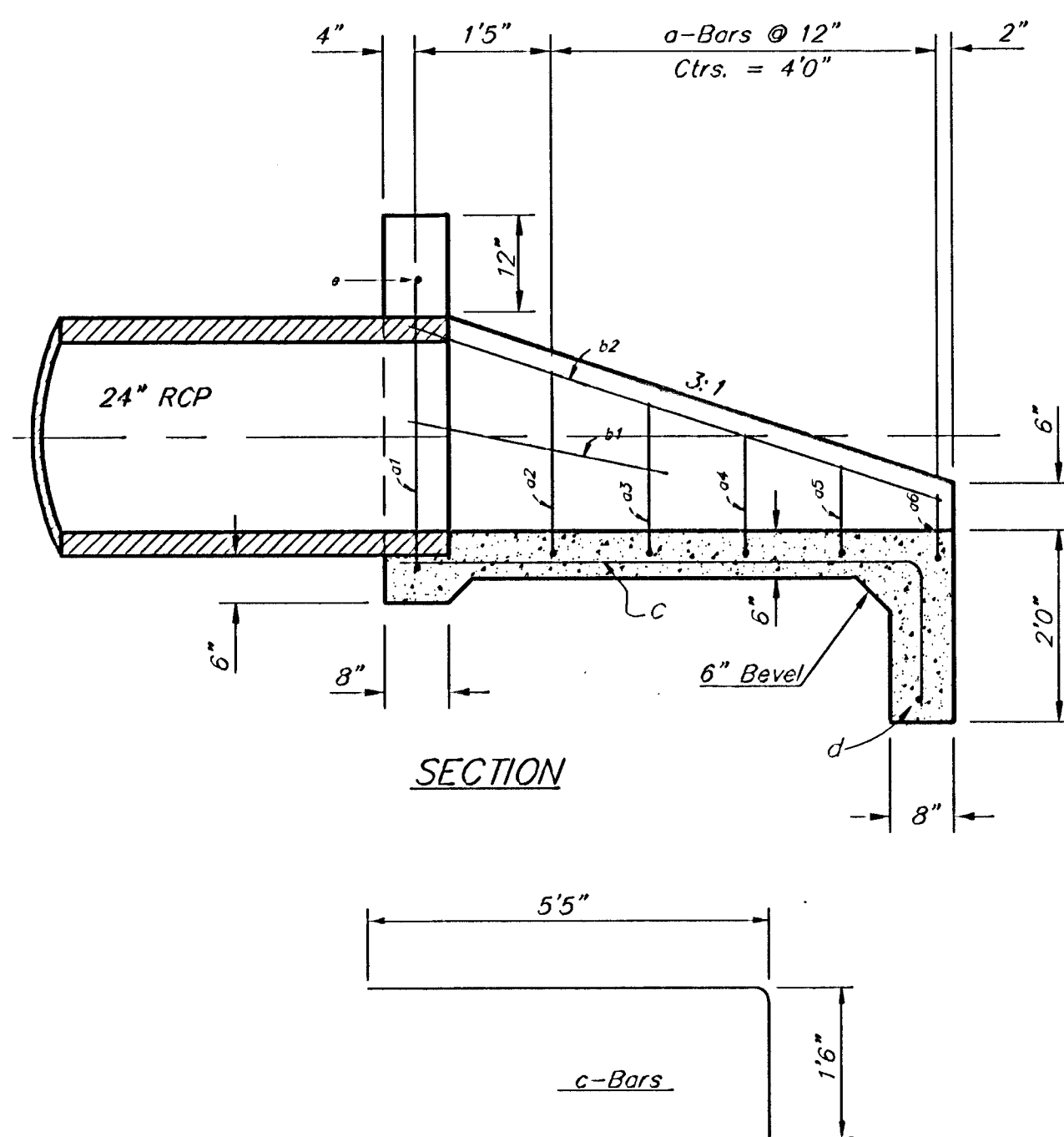
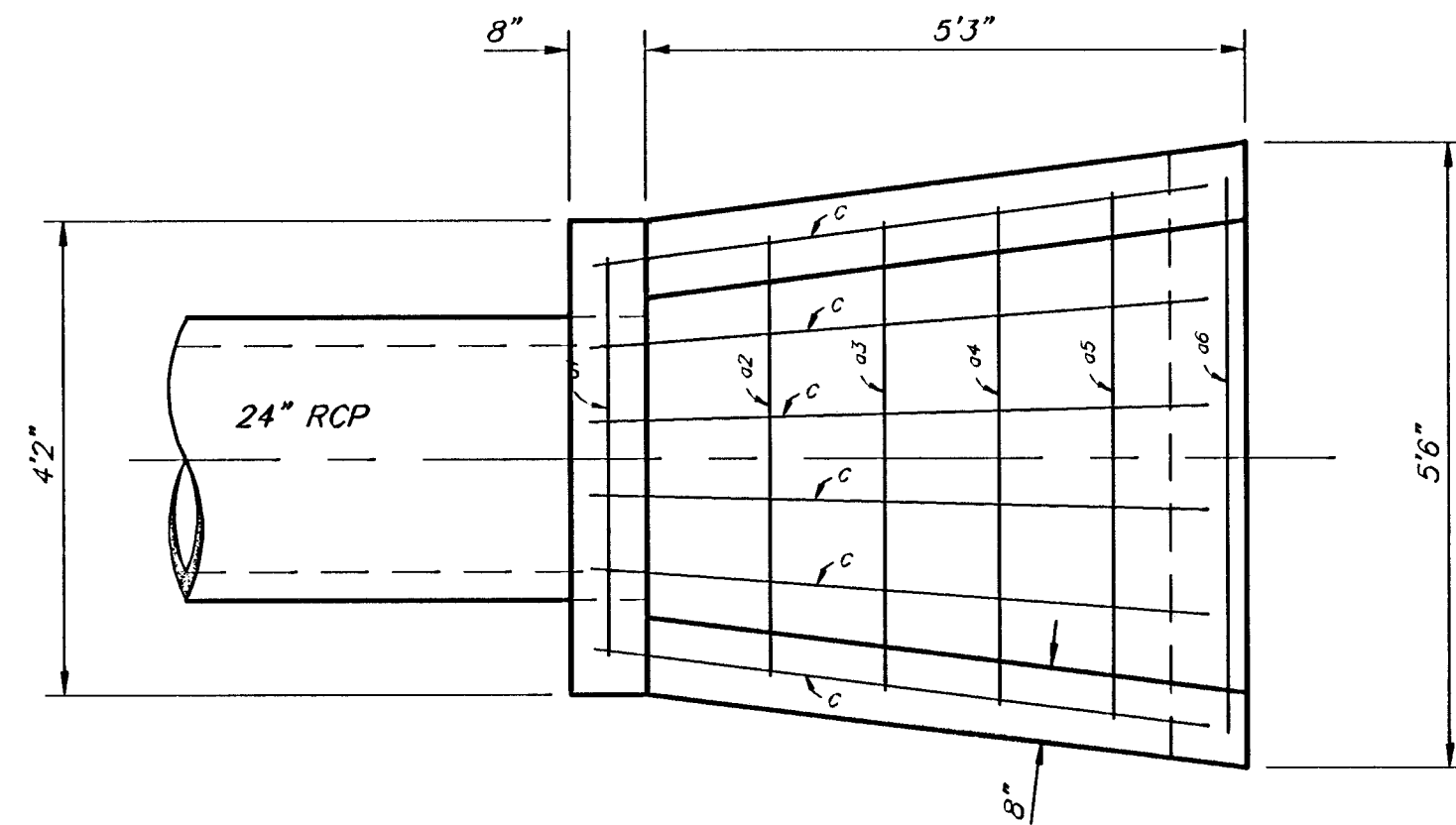




Bar	Shape	No.	Length	Weight
a1		1	17'10"	11.91
a2		1	16'0"	10.69
a3		1	15'7"	10.41
a4		1	15'2"	10.13
a5		1	14'9"	9.82
a6		1	14'4"	9.57
a7		1	13'11"	9.30
a8		1	13'5"	8.96
a9		1	13'0"	8.68
a10		1	12'7"	8.41
a11		1	12'2"	8.13
a12		1	11'9"	7.85
b1		2	11'8"	15.59
b2		2	8'8"	11.58
b3		2	11'10"	15.81
c		7	14'0"	65.46
d1		4	1'2"	3.12
d2		4	8"	1.78
e		3	6'6"	13.03
f		4	3'4"	8.91
g		3	9'3"	18.54
h		7	2'9"	12.86
Total Rebar			280.54 Lbs.	
Concrete			4.91 C.Y.	

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

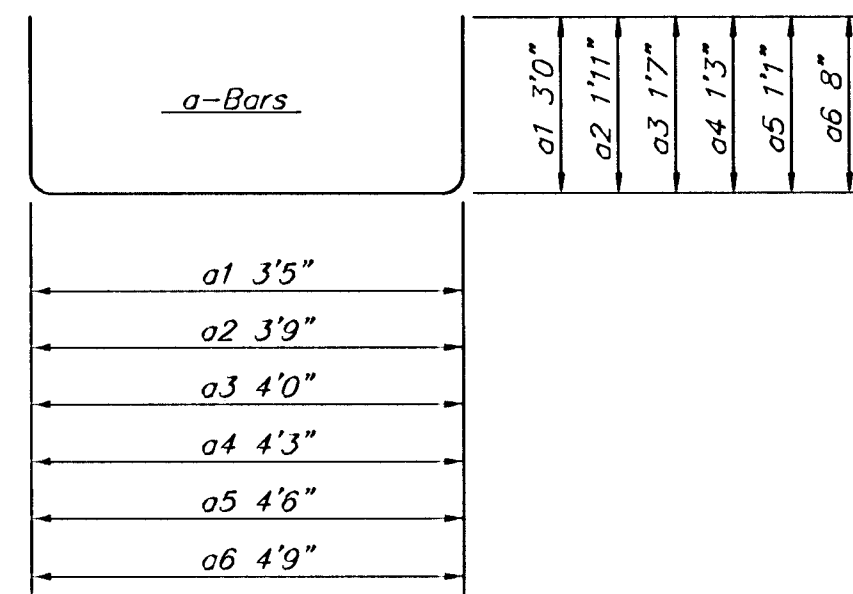
HEADWALL FOR 48" RCP



Bar	Shape	No.	Length	Weight
a1		1	9'5"	6.29
a2		1	7'7"	5.07
a3		1	7'2"	4.79
a4		1	6'9"	4.51
a5		1	6'4"	4.23
a6		1	6'1"	4.06
b1		2	2'9"	3.67
b2		2	5'10"	7.79
b3		6	6'11"	27.72
d		1	5'0"	3.37
e		1	3'10"	2.56
Total Rebar			74.03 Lbs.	
Concrete			1.40 C.Y.	

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

HEADWALL FOR 24" RCP



GENERAL NOTES

- All pipes shall be flush cut prior to being cast into concrete headwall.
- 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.
- All exposed edges shall be beveled 1/2".
- 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.
- 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.

		Turkey Creek 2nd Addition - Phase II HEADWALL DETAIL	
Baughman Company, P.A. 315 Ellis St. Waco, TX 76711 F316362-7211 F316363-6149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		PROJECT NUMBER 472-83805	
REVISIONS		DESIGN JAK	
APPROVED		DATE 4/12/06	
SCALE None		SHEET 28 OF 34	
E:\Eng\harvest Ridge\Phase 2\Hdw\det			