





## REBAR SCHEDULE

| Bar | Shape | No. | Length | Weight |
|---|---|---|---|---|
| a1 | ⌊⌋ | 1 | 12'1" | 8.07 |
| a2 | ⌊⌋ | 1 | 9'5" | 6.29 |
| a3 | ⌊⌋ | 1 | 9'0" | 6.01 |
| a4 | ⌊⌋ | 1 | 8'6" | 5.68 |
| a5 | ⌊⌋ | 1 | 8'2" | 5.46 |
| a6 | ⌊⌋ | 1 | 7'9" | 5.18 |
| a7 | ⌊⌋ | 1 | 7'4" | 4.90 |
| a8 | ⌊⌋ | 1 | 7'0" | 4.68 |
| b | —— | 7 | 8'6" | 35.07 |
| c | —— | 1 | 6'0" | 4.01 |
| d | —— | 2 | 7'6" | 10.02 |
| e | —— | 1 | 4'5" | 2.95 |
| f | —— | 2 | 4'3" | 5.68 |
| Total Rebar | | | | 104.00 Lbs. |
| Concrete | | | | 2.19 C.Y. |

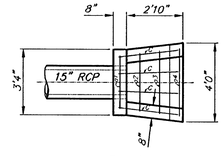
A Deduction in Concrete Quantities Has Been Made for Pipe Openings Through the Headwall

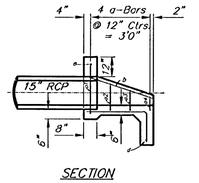
* Field Bend or Cut Reinforcing as Required for Clearance.

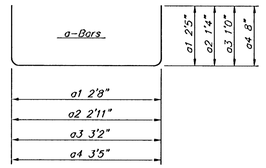
All Concrete Reinforcement to be #4 Rebar

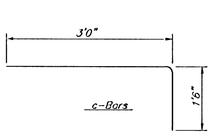
All Rebar to Have Min. of 1 1/2" Conc. Cover

## HEADWALL FOR 30" RCP




## REBAR SCHEDULE

| Bar | Shape | No. | Length | Weight |
|---|---|---|---|---|
| a1 | ⌊⌋ | 1 | 7'6" | 5.01 |
| a2 | ⌊⌋ | 1 | 5'7" | 3.73 |
| a3 | ⌊⌋ | 1 | 5'2" | 3.45 |
| a4 | ⌊⌋ | 1 | 4'9" | 3.17 |
| b | —— | 2 | 4'0" | 5.34 |
| c | ⌐⌐ | 4 | 5'6" | 14.70 |
| d | —— | 1 | 3'5" | 2.28 |
| e | —— | 1 | 2'8" | 1.78 |
| Total Rebar | | | | 39.46 Lbs. |
| Concrete | | | | 0.67 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 15" RCP

### 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

# HEADWALL DETAIL


Baughman Company, P.A. 315 11th St. Wichita, KS 67211 P 316.263.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE


| | |
|---|---|
| PROJECT NUMBER 472-83723 | DESIGN BLP/DMV — DRAWN JAK |
| REVISIONS | APPROVED — DATE 08/05 |
| | SCALE Noted |
| | SHEET 25 OF 39 |

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