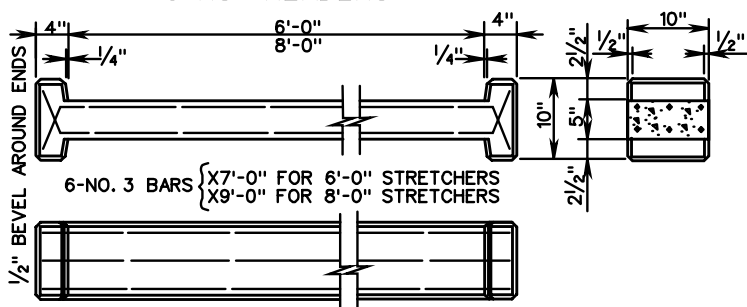


5"X8" HEADERS



5"X10" HEADERS

| UNIT                  | WEIGHT | CU. FT. |
|-----------------------|--------|---------|
| 5"X8"X4'-0" HEADER    | 235#   | 1.48    |
| 5"X8"X6'-0" HEADER    | 325#   | 2.04    |
| 5"X10"X6'-0" HEADER   | 405#   | 2.55    |
| 5"X10"X8'-0" HEADER   | 515#   | 3.24    |
| 6"X6"X6'-0" STRETCHER | 240#   | 1.50    |
| 6"X8"X6'-0" HEADER    | 320#   | 2.00    |
| 6"X10"X6'-0" HEADER   | 400#   | 2.50    |
| 5 3/4"X10"X10" BLOCK  | 50#    | 0.33    |

NOTES:  
 ALL REINFORCING TO BE NO. 3 BARS PLACED 1" CLEAR FROM SURFACE OF CONCRETE.  
 BARS TO BE HELD IN POSITION BY CHAIRS HAVING NON-CORROSIVE TIPS  
 CLASS A-5 CONCRETE TO BE USED EXCEPT MAXIMUM SIZE AGGREGATE TO BE NO. 7.

| HEIGHT OF WALL | UNITS REQUIRED FOR TYPICAL WALL 96' LONG |              |               |               |              |              |               | WALL SECTION |        |
|----------------|--|--------------|---------------|---------------|--------------|--------------|---------------|--------------|--------|
|                | HEADERS                                  |              |               |               | STRETCHERS   |              |               |              | BL'K'S |
|                | 5"X8" X4'-0"                             | 5"X8" X6'-0" | 5"X10" X6'-0" | 5"X10" X8'-0" | 6"X6" X6'-0" | 6"X8" X6'-0" | 6"X10" X6'-0" |              |        |
| 2'-4"          | 34                                       |              |               |               | 32           | 48           |               | "A"          |        |
| 3'-3"          | 51                                       |              |               |               | 64           | 48           |               |              |        |
| 4'-2"          | 68                                       |              |               |               | 96           | 48           |               |              |        |
| 5'-1"          | 85                                       |              |               |               | 128          | 48           |               |              |        |
| 6'-0"          | 102                                      |              |               |               | 160          | 48           |               |              |        |
| 6'-0"          |  | 102          |               |               | 224          | 16           |               | "B"          |        |
| 6'-11"         |  | 119          |               |               | 256          | 16           |               |              |        |
| 7'-10"         |  | 136          |               |               | 288          | 16           |               |              |        |
| 8'-9"          |  | 153          |               |               | 320          | 16           |               |              |        |
| 9'-8"          |  | 170          |               |               | 288          | 80           |               |              |        |
| 10'-7"         |  | 187          |               |               | 288          | 112          |               |              |        |
| 11'-6"         |  | 204          |               |               | 288          | 144          |               |              |        |
| 12'-5"         |  |              | 204           | 17            | 192          | 272          | 17            | "C"          |        |
| 13'-4"         |  |              | 204           | 34            | 192          | 304          | 34            |              |        |
| 14'-3"         |  |              | 204           | 51            | 192          | 336          | 51            |              |        |
| 15'-2"         |  |              | 204           | 68            | 192          | 368          | 68            |              |        |
| 16'-1"         |  | 68           | 289           |               | 192          | 336          | 144           |              |        |
| 17'-0"         |  | 85           | 306           |               | 192          | 320          | 208           | "D"          |        |
| 17'-11"        |  | 102          | 323           |               | 192          | 320          | 256           |              |        |
| 18'-10"        |  | 119          | 340           |               | 192          | 320          | 304           |              |        |
| 19'-9"         |  | 136          | 357           |               | 192          | 320          | 352           |              |        |
| 20'-8"         |  | 153          | 374           |               | 192          | 320          | 400           |              |        |
| 21'-7"         |  | 170          | 391           |               | 192          | 320          | 448           |              |        |
| 22'-6"         |  | 187          | 408           |               | 192          | 320          | 496           |              |        |
| 23'-5"         |  | 204          | 425           |               | 192          | 320          | 544           |              |        |

CRIBBING IS TO BE PLACED ON A FOUNDATION OF FIRM BEARING MATERIAL MEETING THE APPROVAL OF THE ENGINEER.

THIS FOUNDATION IS TO BE AT LEAST 3' BELOW THE SURFACE OF THE GROUND, BEYOND ALL DANGER OF FROST, UNLESS ON SOLID ROCK.

FOR DETAILS NOT SHOWN ON THIS SHEET, SEE SHEET 1 OF 2.

BLOCKS SHALL BE SET IN MORTAR.

SPECIFICATION REFERENCE

506

# STANDARD REINFORCED CONCRETE CRIB WALL

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

402.02