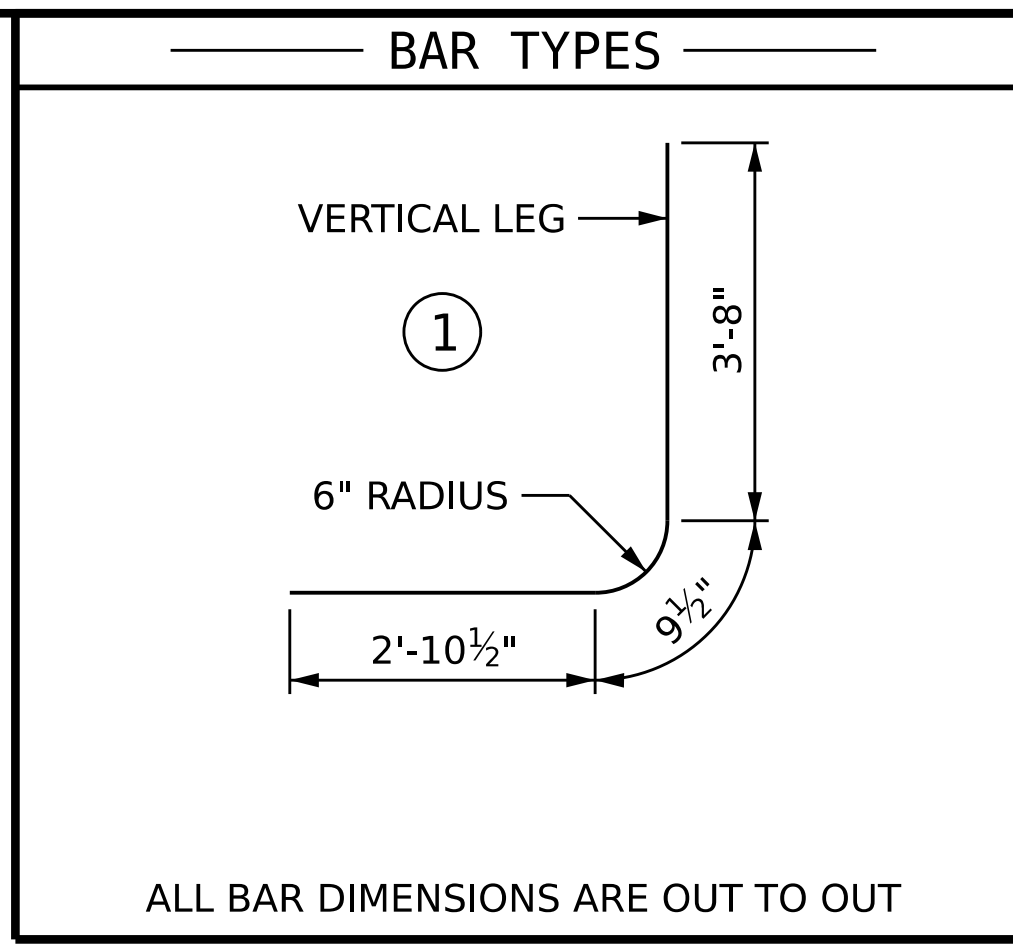


**RIGHT ANGLE SECTION OF BARREL**  
 (THERE ARE 44 "C" BARS IN SECTION OF BARREL)



ALL BAR DIMENSIONS ARE OUT TO OUT

| SPLICE CHART |                        |
|--------------|------------------------|
| #4 B1        | SPLICE LENGTH = 1'-10" |
| #4 C1        | SPLICE LENGTH = 2'-5"  |

| BILL OF MATERIAL           |     |      |      |        |         |
|----------------------------|-----|------|------|--------|---------|
| BAR                        | NO. | SIZE | TYPE | LENGTH | WEIGHT  |
| A1                         | 122 | #5   | 1    | 7'-4"  | 933     |
| A2                         | 122 | #5   | 1    | 7'-4"  | 933     |
| A100                       | 60  | #5   | STR  | 7'-11" | 495     |
| A101                       | 1   | #5   | STR  | 3'-11" | 4       |
| A200                       | 60  | #6   | STR  | 7'-11" | 713     |
| A201                       | 1   | #6   | STR  | 3'-11" | 6       |
| A300                       | 60  | #4   | STR  | 7'-11" | 317     |
| A301                       | 1   | #4   | STR  | 3'-11" | 3       |
| A400                       | 60  | #4   | STR  | 7'-11" | 317     |
| A401                       | 1   | #4   | STR  | 3'-11" | 3       |
| B1                         | 122 | #4   | STR  | 10'-7" | 862     |
| B2                         | 122 | #4   | STR  | 8'-4"  | 679     |
| C1                         | 88  | #4   | STR  | 19'-6" | 1146    |
| D1                         | 24  | #6   | STR  | 2'-6"  | 90      |
| G1                         | 4   | #5   | STR  | 7'-11" | 33      |
| S1                         | 6   | #8   | STR  | 8'-3"  | 132     |
| S2                         | 6   | #8   | STR  | 7'-11" | 127     |
| TOTAL REINFORCING STEEL    |     |      |      |        | 6793 LB |
| CLASS A CONCRETE BREAKDOWN |     |      |      |        |         |
| BARREL                     |     |      |      |        | 48.4 CY |

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DRAWN BY : T. BANKOVICH DATE : 4-23  
 CHECKED BY : J.A. BATTS DATE : 4-23  
 DESIGN ENGINEER OF RECORD: J.A. BATTS DATE : 4-23



PROJECT NO. I-2513AA/AB  
BUNCOMBE COUNTY  
 STATION: 24+63.79 -RPC-

SHEET 4 OF 6  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**SINGLE 6 FT. X 9 FT. CONCRETE BOX CULVERT**  
 90° SKEW

| REVISIONS |     |       |     |     |       | SHEET NO.    |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: | C2-4         |
| 1         |     |       | 3   |     |       | TOTAL SHEETS |
| 2         |     |       | 4   |     |       | 6            |

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

12/14/2023 | 8:58 AM

LICENSURE NO. C-4434