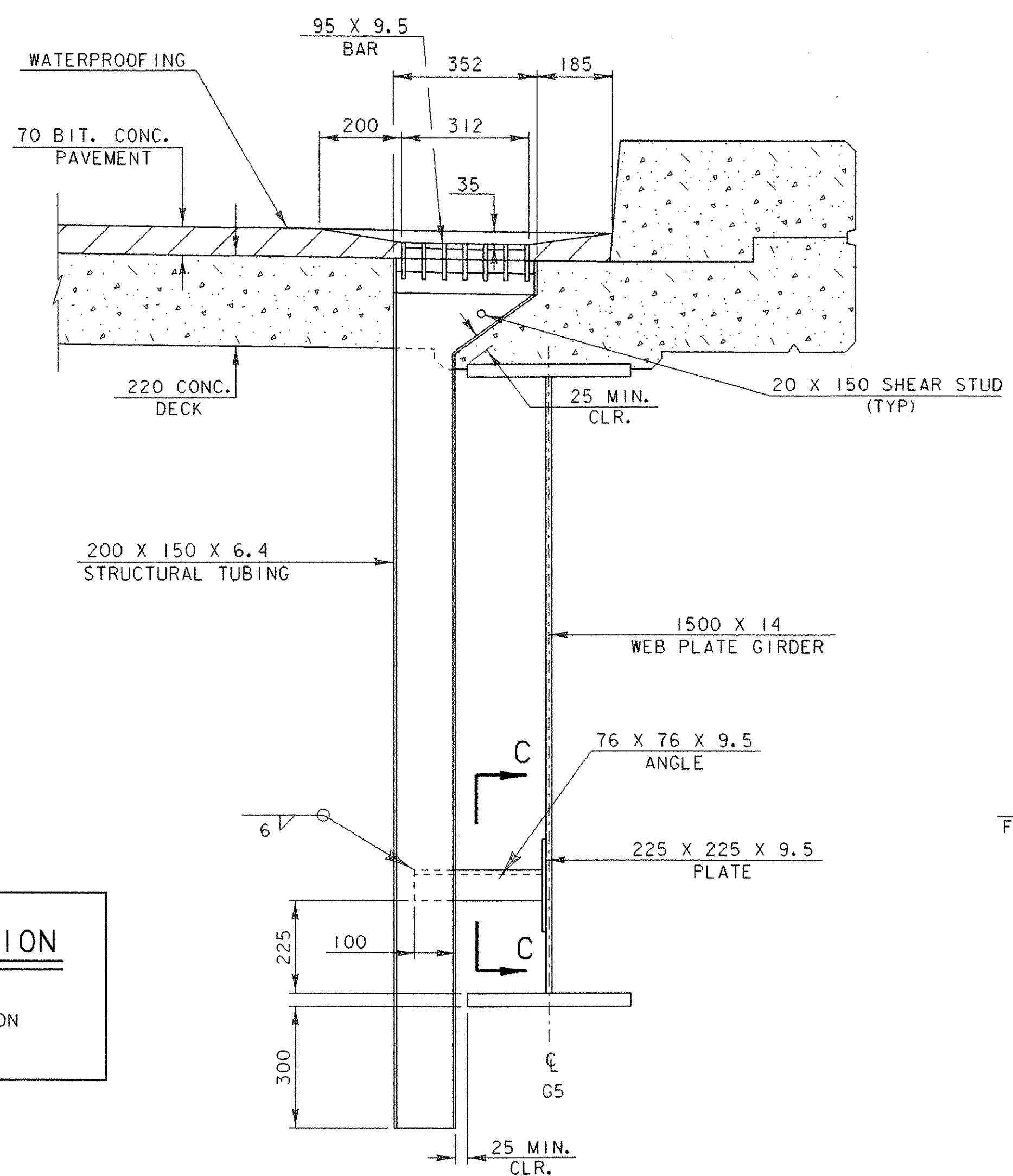
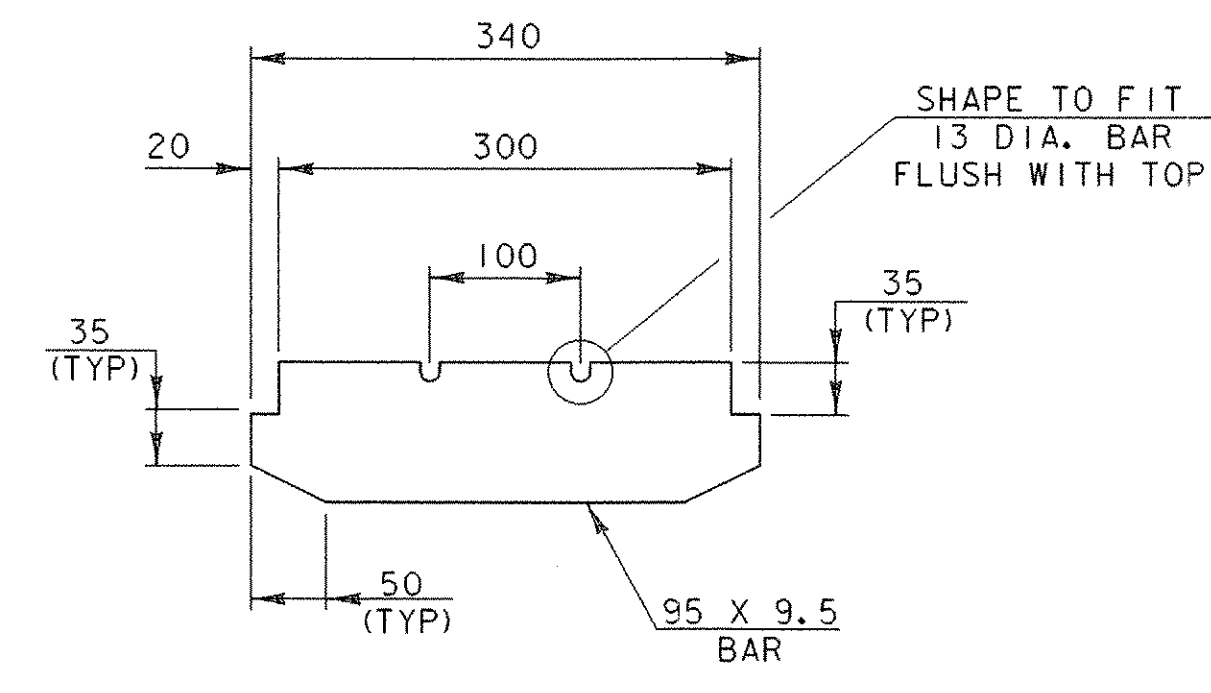


SCALE = 1:5

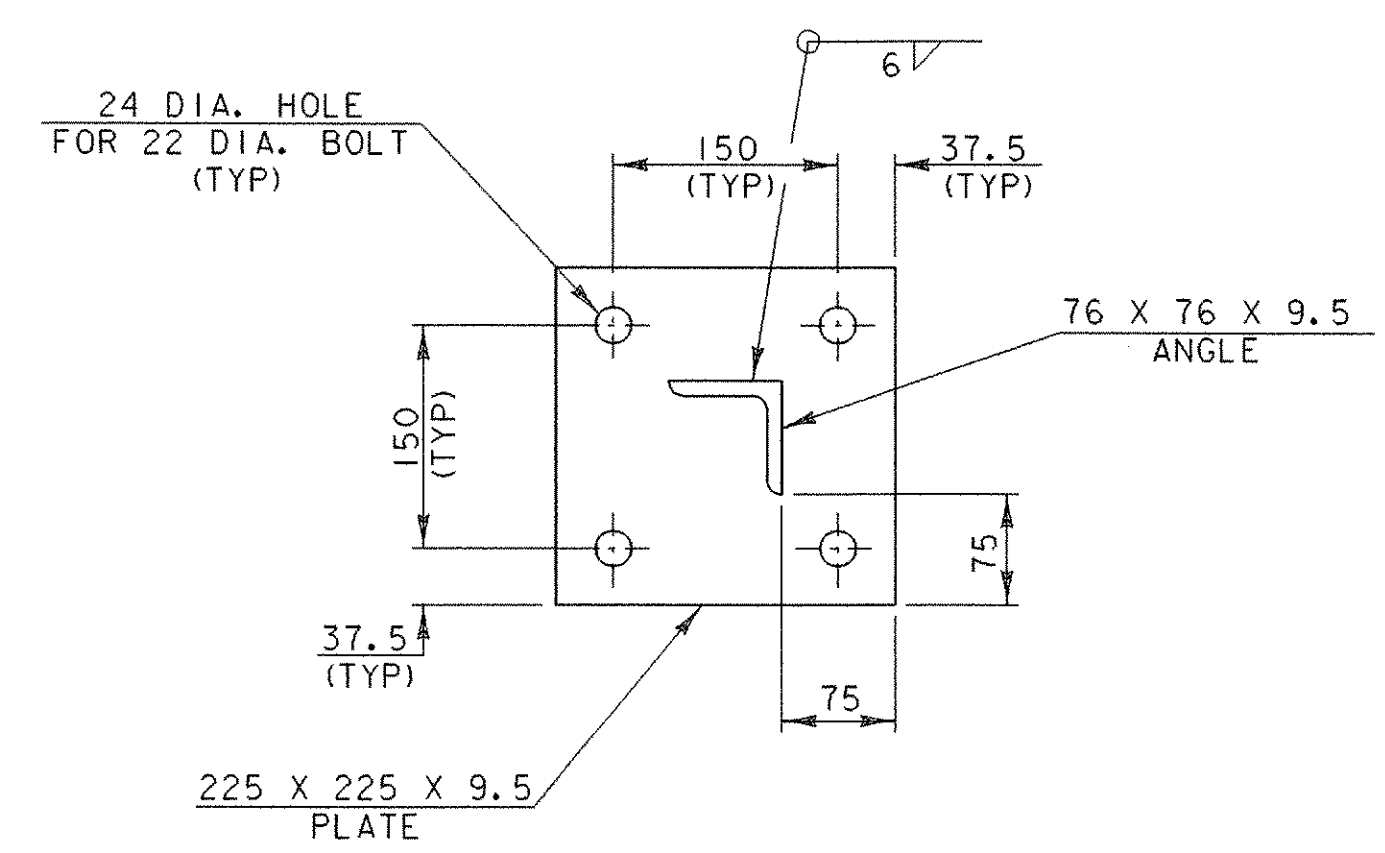
**SCUPPER LOCATION**  
 STA. 1+280 RT  
 (SEE PLAN & ELEVATION ON SHEET 37)



SCALE = 1:10



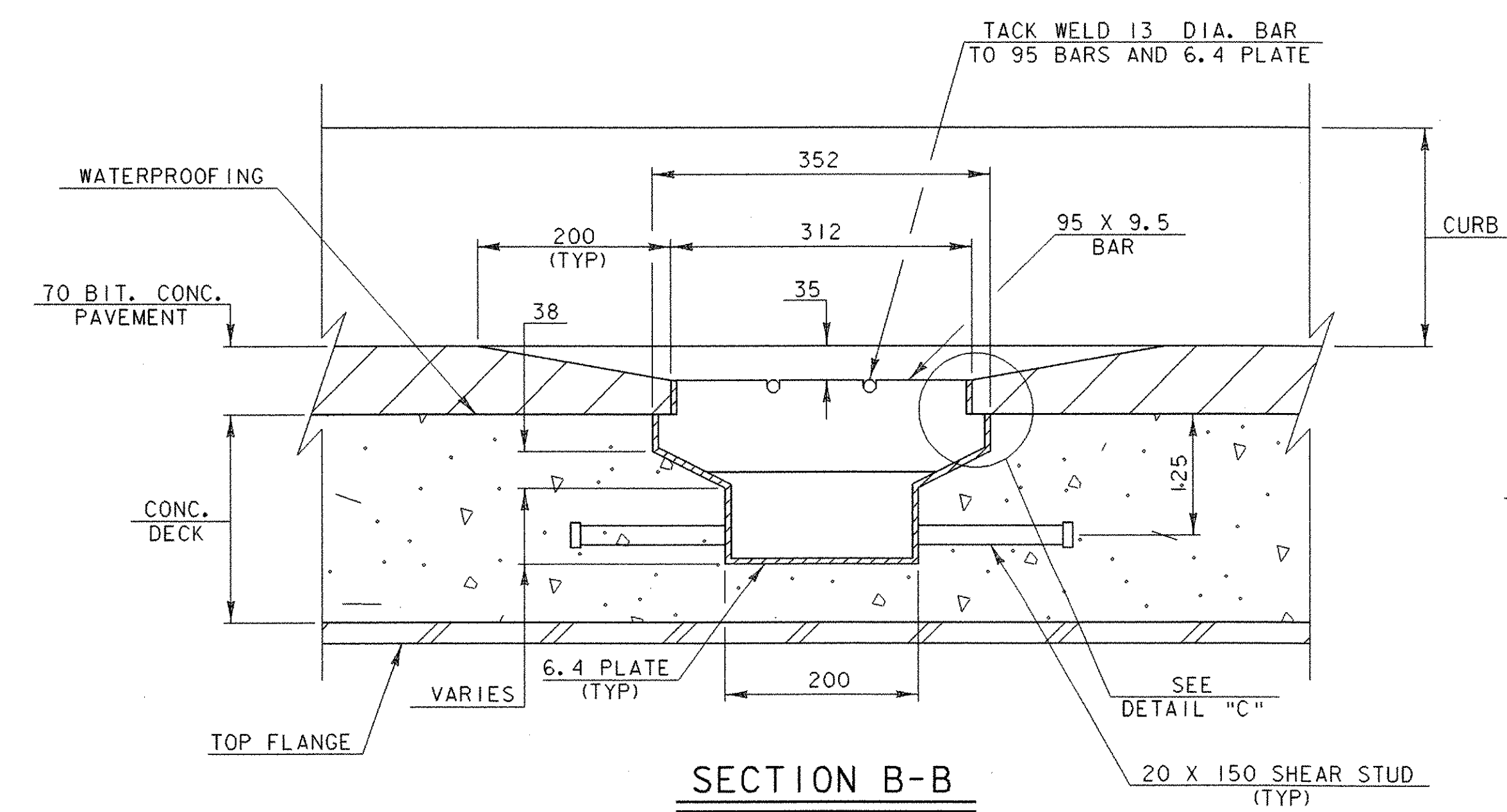
SCALE = 1:5



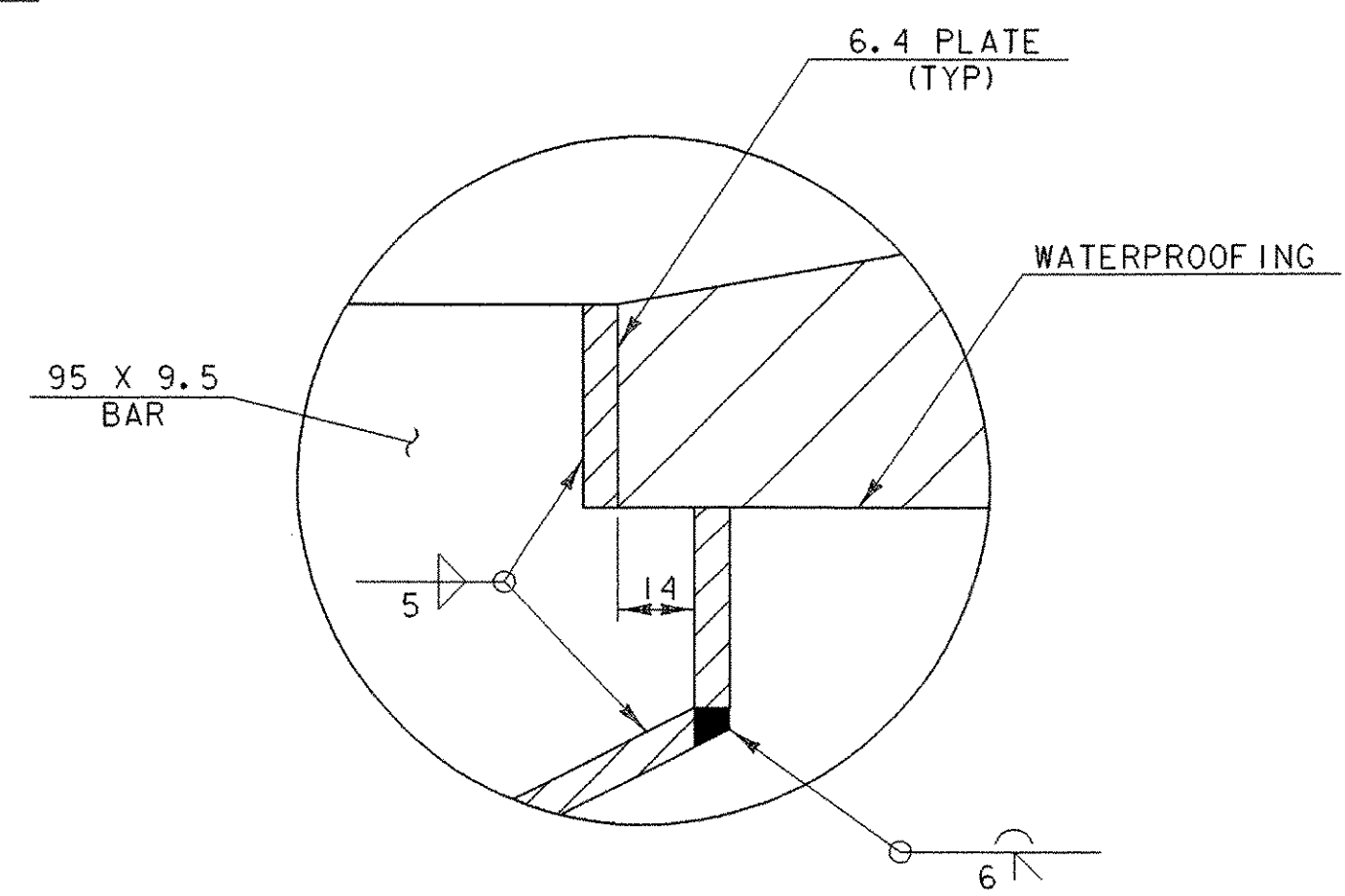
SCALE = 1:5

**SCUPPER NOTES**

- HOLLOW STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A-500 GR. B.
- ALL PLATES, BARS, AND ANGLES SHALL CONFORM TO AASHTO M 270M/M 270 GR. 250.
- THE SCUPPER SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111M/M 111 AFTER FABRICATION.
- THE TOP SURFACE OF SCUPPER SHALL BE SLOPED TO MATCH ROADWAY SLOPE AND GRADE.
- THE BAR AND GRATE SECTION MAY BE PREFABRICATED PROVIDING THE GEOMETRY AND SECTION PROPERTIES ARE EQUIVALENT TO THE DETAILS SHOWN.
- THE SCUPPER SHALL BE PAID FOR UNDER ITEM 506.60 "STRUCTURAL STEEL".
- ALL REQUIRED WELDS FOR THE SCUPPER SHALL BE DETAILED ON SHOP DRAWINGS WHICH SHALL ALSO INCLUDE ALL APPLICABLE WELDING PROCEDURES.
- AFTER ALL PAVING AND CONCRETING OPERATIONS THE SCUPPER SHALL BE CLEANED OF ALL CONTAMINATION BY FLUSHING.
- SCUPPER CONNECTION BOLTS SHALL BE 22 Ø AASHTO M 164/M 164M, TYPE 111.



SCALE = 1:5



DETAIL "C"  
 NTS

|  |  |
|--|--|
| PROJECT:<br><b>BARTON</b>                            | PROJECT NO.:<br><b>STP 0113 (58) S</b> |
| DESIGN FILE NAME: 96c116/structures/sc116scupper.dgn | PLOT DATE: 03-JAN-2002                 |
| IPARM FILE NAME: sc116scupper.i                      | DRAWN BY: R.S. YOUNG                   |
| DESIGNED BY: R.S. YOUNG                              | CHECKED BY: W.B. SYMONDS               |
| SQUAD LEADER: C.P. WILLIAMS                          | SHEET: 60a OF 120                      |
| SCUPPER DETAILS                                      |  |