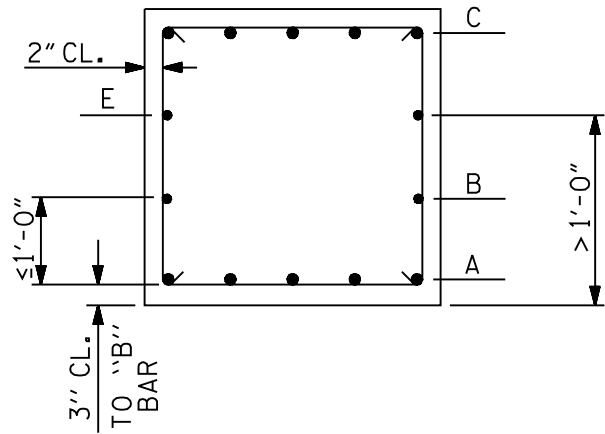


ELEVATION OF BENT

SPLICES FOR BENTS



SECTION Y-Y

- A = TENSION, CLASS C, BASIC BAR
- B = TENSION, CLASS C, BASIC BAR
- C = TENSION, CLASS C, TOP BAR
- D = TENSION, CLASS C, BASIC BAR MULTIPLIED BY 0.75 FOR SPIRAL ENCLOSED (EQUIVALENT IN LENGTH OF CLASS B, BASIC BAR). THE ENGINEER CAN ALLOW THE USE OF TENSION, CLASS C, OTHER BAR IN THIS SITUATION. CAUTION SHOULD BE USED WHEN REDUCING THE SPLICE LENGTH.
- E = TENSION, CLASS C, TOP BAR
- F = TENSION, STANDARD HOOK

NOTE TO DETAILER

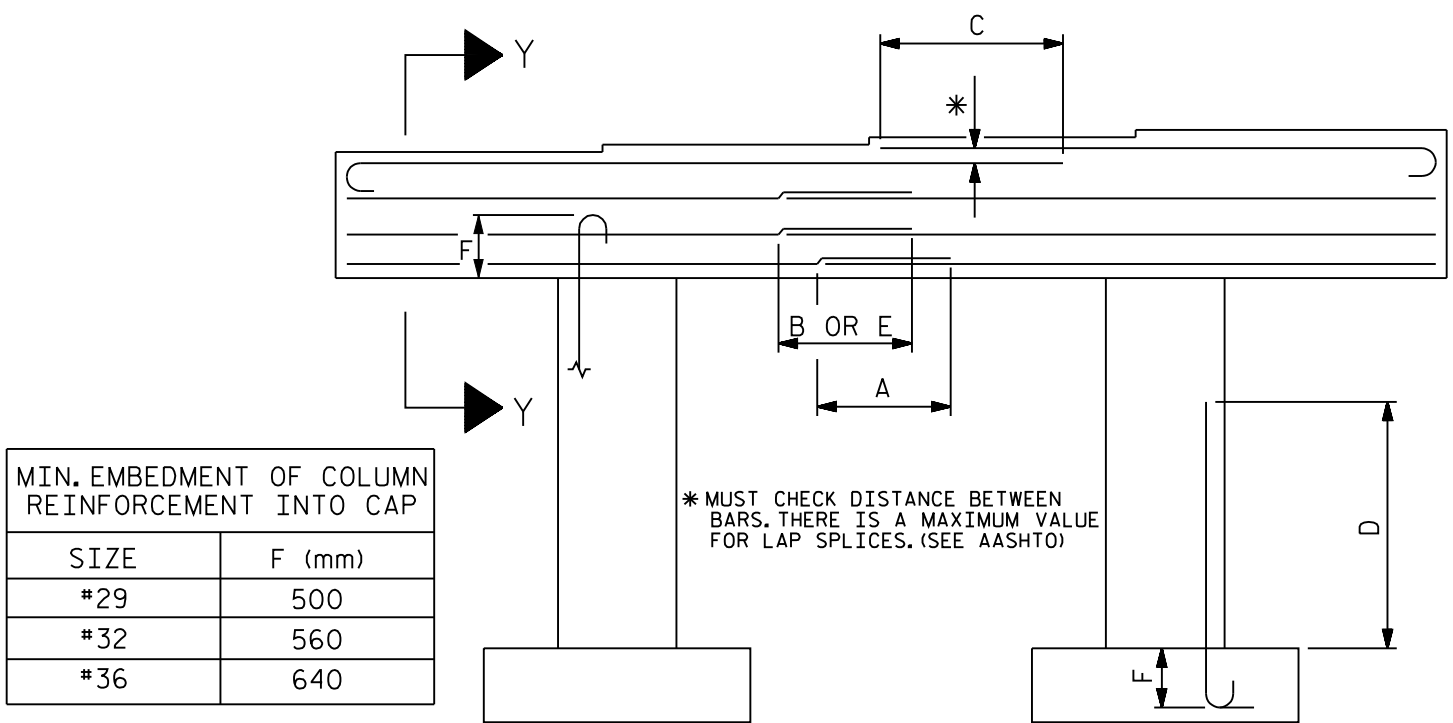
THESE SPLICE LENGTHS SHOULD WORK ON THE MAJORITY OF CASES. FOR SPECIAL CASES, THE SPLICE LENGTH SHOULD BE DESIGNED.

EXAMPLE

ASSUME #9 BAR IN BOTTOM OF CAP. SPLICE "A" IS A TENSION, CLASS C, BASIC BAR. GO TO THE CHART ON FIGURE 10-4. YOU FIND THE CHART FOR CLASS C SPLICES. FIND THE BASIC BAR COLUMN AND MOVE DOWN UNTIL YOU FIND A #9 BAR. THIS WILL BE YOUR SPLICE LENGTH. IN THIS EXAMPLE, IT IS 6'-3"

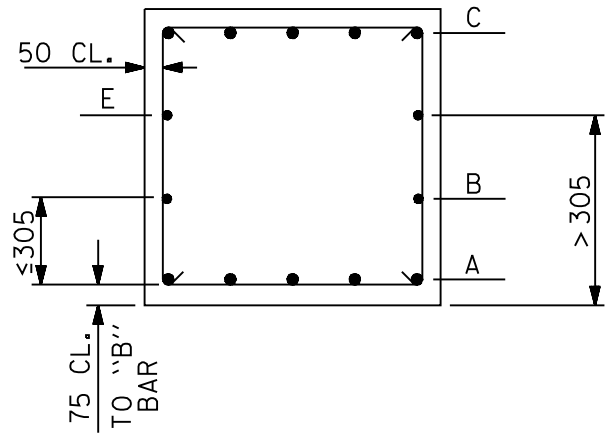
GENERAL GUIDE TO SUBSTRUCTURE BAR SPLICE AND DEVELOPMENT LENGTHS

FIGURE 10 - 7



ELEVATION OF BENT

SPLICES FOR BENTS



SECTION Y-Y

- A = TENSION, CLASS C, BASIC BAR
- B = TENSION, CLASS C, BASIC BAR
- C = TENSION, CLASS C, TOP BAR
- D = TENSION, CLASS C, BASIC BAR MULTIPLIED BY 0.75 FOR SPIRAL ENCLOSED (EQUIVALENT IN LENGTH OF CLASS B, BASIC BAR). THE ENGINEER CAN ALLOW THE USE OF TENSION, CLASS C, OTHER BAR IN THIS SITUATION. CAUTION SHOULD BE USED WHEN REDUCING THE SPLICE LENGTH.
- E = TENSION, CLASS C, TOP BAR
- F = TENSION, STANDARD HOOK

NOTE TO DETAILER

THESE SPLICE LENGTHS SHOULD WORK ON THE MAJORITY OF CASES. FOR SPECIAL CASES, THE SPLICE LENGTH SHOULD BE DESIGNED.

EXAMPLE

ASSUME #29 BAR IN BOTTOM OF CAP. SPLICE "A" IS A TENSION, CLASS C, BASIC BAR. GO TO THE CHART ON FIGURE 10-4. YOU FIND THE CHART FOR CLASS C SPLICES. FIND THE BASIC BAR COLUMN AND MOVE DOWN UNTIL YOU FIND A #29 BAR. THIS WILL BE YOUR SPLICE LENGTH. IN THIS EXAMPLE, IT IS 1910mm

GENERAL GUIDE TO SUBSTRUCTURE BAR SPLICE AND DEVELOPMENT LENGTHS

FIGURE 10 - 7 M