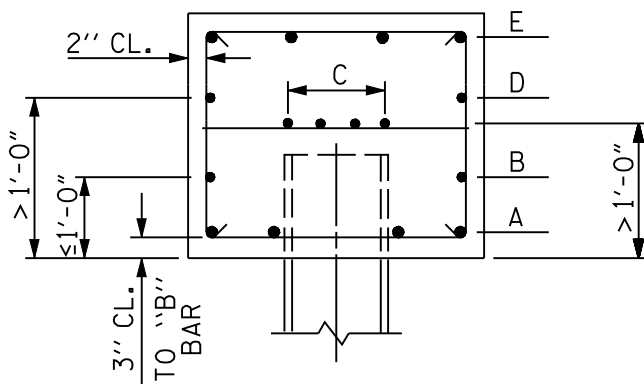


### ELEVATION OF END BENT

\* MUST CHECK DISTANCE BETWEEN BARS. THERE IS A MAXIMUM VALUE FOR LAP SPLICES. (SEE AASHTO)



### SECTION X-X

### SPLICES FOR BENTS

- A = TENSION, CLASS C, BASIC BAR
- B = TENSION, CLASS C, BASIC BAR
- C = TENSION, CLASS C, TOP BAR
- D = TENSION, CLASS C, TOP BAR
- E = TENSION, CLASS C, TOP BAR

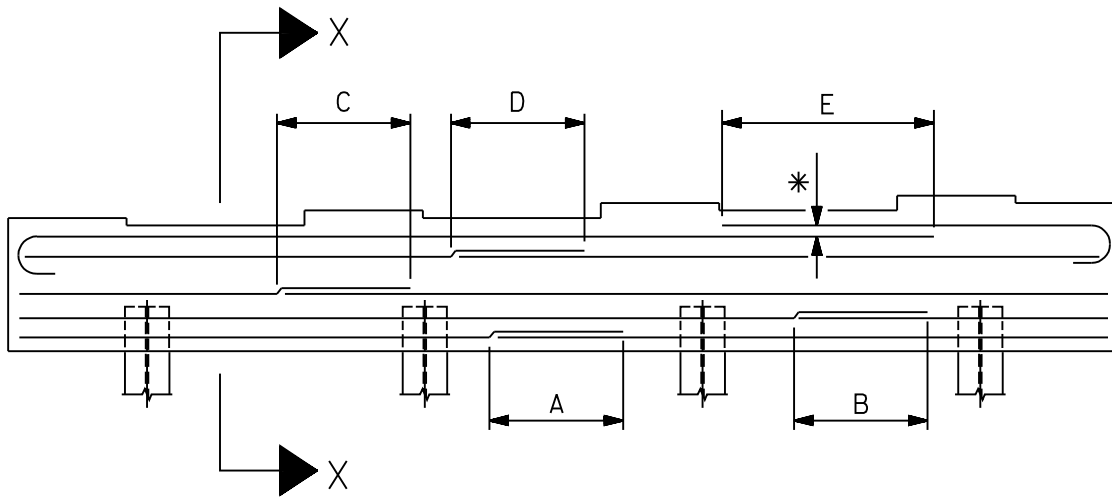
### NOTE TO DETAILER

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

### EXAMPLE

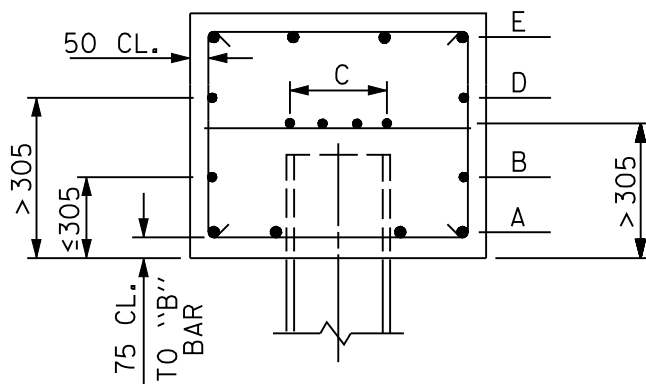
ASSUME #9 BAR IN BOTTOM OF CAP. SPLICE "A" IS A TENSION, CLASS C, BASIC BAR. GO TO THE CHART ON FIGURE 10-4. YOU FIND THE CHART FOR CLASS C SPLICES. FIND THE BASIC BAR COLUMN AND MOVE DOWN UNTIL YOU FIND A #9 BAR. THIS WILL BE YOUR SPLICE LENGTH. IN THIS EXAMPLE, IT IS 6'-3".

### GENERAL GUIDE TO SUBSTRUCTURE BAR SPLICE LENGTHS



### ELEVATION OF END BENT

\* MUST CHECK DISTANCE BETWEEN BARS. THERE IS A MAXIMUM VALUE FOR LAP SPLICES. (SEE AASHTO)



### SECTION X-X

### SPLICES FOR BENTS

- A = TENSION, CLASS C, BASIC BAR
- B = TENSION, CLASS C, BASIC BAR
- C = TENSION, CLASS C, TOP BAR
- D = TENSION, CLASS C, TOP BAR
- E = TENSION, CLASS C, TOP BAR

### 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 LENGTHS