

[illegible]

SECTION B-B

Hand-drawn detail of a reinforced concrete beam section showing a lap joint and a bent-up bar. The diagram includes dimensions for bar spacing (15.5 inches), lap length (13.5 inches), and bent-up bar angles (27.6 degrees and 75 degrees). It also shows the placement of #4 bars C and #4 bars B, and notes "No Chamfer" for the bars.

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The diagram illustrates a spiral staircase with the following details:

- Side View (Top):** Labeled "SIDE VIEW" and "BARS JL & JR". It shows a vertical section with a total height of 2'-10" and a width of 2'-0".
- Top View (Bottom):** Labeled "BARS JL ONLY" and "BARS JR ONLY". It shows a plan view of the spiral with a 60° angle indicated.
- Bar Counts and Dimensions:**
 - #6 BARS JL & JR (8'-10" Long)
 - #6 BARS JL & JR (7'-6" Long)
 - #6 BARS JL & JR (6'-5" Long)
 - #6 BARS JL & JR (5'-10" Long)
 - #4 BARS T (3'-7" Long)
 - #4 BARS T (3'-0" Long)
- Curved Dimensions:**
 - 8'-5" (5'-0" Rad)
 - 9'-6" (6'-7" Rad)
 - 7'-7" (5'-0" Rad)
 - 6'-0" (3'-0" Rad)
 - 5'-7" (3'-0" Rad)
 - 4'-0" (3'-0" Rad)

Diagram illustrating a 75° RT. CROSSING. The diagram shows the intersection of two tracks, with the crossing angle labeled as 75°. Key angles and dimensions are marked:

- Top left angle: 15°-9'
- Top right angle: 15°-9'
- Bottom left angle: 15°-9'
- Bottom right angle: 15°-9'
- Central angle: 27°-6'
- Small angle near center: 11°-0' $\frac{1}{2}$
- Labels: E. Bent 2, E. Rdwy.
- Bottom label: 75° RT. CROSSING

Diagram illustrating a roof truss structure with inclined rafters and a horizontal tie beam. The rafters are labeled A1 and A2 on both sides. The horizontal tie beam is labeled 24' - 10". The angles are given as follows:

- Left Rafter A1: $2^{\circ} 51' 2''$ (with horizontal), 13° (with tie beam)
- Left Rafter A2: $2^{\circ} 7 \frac{1}{2}'$ (with horizontal)
- Right Rafter A1: $2^{\circ} 51' 2''$ (with horizontal), 15° (with tie beam)
- Right Rafter A2: $2^{\circ} 6 \frac{1}{2}'$ (with horizontal)

#8 BARS A1 & A2
(30'-0" LONG)
(5 1/2" DIA. PIN)

#4 BARS U
(6'-10" LONG)
(3" DIA. PIN)

	2L11°	2L11 $\frac{2}{3}$ °	2L11 $\frac{2}{3}$ °	2L11 $\frac{2}{3}$ °
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8	
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#4 BARS W
(2' 3" LONG)

Diagram showing a rectangular structure with dimensions $2'-8\frac{1}{2}"$ and $2'-0\frac{1}{2}"$.

4 BARS C
(6'-3" LONG)
(3" DIA. PIN)

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STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 20'-0" CONCRETE SLAB SPAN
LIVE LOAD H15-44
24'-0" ROADWAY 1'-6" SIDEWALKS

DATED SEP 1963

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED <u>P. Smith</u>	DETAILED <u>C. Smith</u>	TRACED <u>E. Chabrier</u>
CHECKED <u>W. Brown</u>	CHECKED <u>W. Brown</u>	CHECKED <u>R. Brown</u>

BRIDGE DESIGN SECTION