

## DETAIL.DWG



| FWHA<br>REGION<br>NO. | STATE  | PROJECT NO.  | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|--------|--------------|------|--------------|-----------------|
| 7                     | KANSAS | 87 N-0061-01 | 1998 | 52           | 91              |

The image contains two technical drawings of a substation structure, likely a transformer pad or similar foundation.

**Top Drawing (Plan View):** This drawing shows the top-down layout of the structure. It is a rectangular slab with a total width of 1355 mm (355 mm + 685 mm + 40 mm + 75 mm). The layout includes a grid of reinforcement bars (#4 REBAR) and four anchor bolts (indicated by circles with a cross) positioned symmetrically within the slab.

**Bottom Drawing (Cross-section View):** This drawing shows the vertical profile of the structure. The total width is 1355 mm (750 mm + 635 mm + 750 mm). The structure has a base layer of 200 mm aggregate. The main body of the structure is 100 mm high. The top surface is 25 mm thick. The structure is reinforced with #4 REBAR. Four anchor bolts (20 mm x 375 mm x 50 mm) are shown passing through the structure. A 20 mm x 3 m ground rod is shown extending from the bottom. A conduit is shown as required (CONDUIT AS REQ'D.).

\*\*SEE SERVICE BOX INSTALLATION  
FOR RING & COVER DETAILS.

|    |       |                     |                                               |
|----|-------|---------------------|-----------------------------------------------|
| 2. | 75 mm | RIGID STEEL CONDUIT | BTWN. SERVICE BOXES.                          |
|    | 32 mm | " "                 | BTWN. SERVICE & JUNCTION BOXES.               |
|    | 19 mm | " "                 | BTWN. JUNCTION BOXES.                         |
|    | 19 mm | " "                 | BTWN. JUNCTION BOX & DETECTOR<br>LOOP SAW CUT |

[illegible]

|                                                                           |             |                   |
|---------------------------------------------------------------------------|-------------|-------------------|
| PROJECT DESCRIPTION                                                       |             |                   |
| SERVICE/JUNCTION BOX, CONTROLLER PAD<br>CONSTRUCTION/INSTALLATION DETAILS |             |                   |
| PROJECT NUMBER                                                            |             |                   |
| DRAWN BY: T.M.                                                            | APPROVED BY | REVISED:          |
| DATE: Feb. 96                                                             |             | DATE:             |
| CITY OF WICHITA                                                           |             |                   |
| DEPARTMENT OF PUBLIC WORKS                                                |             |                   |
| TRAFFIC ENGINEERING DIVISION<br>WM. G. MCKINLEY TRAFFIC ENGINEER          |             | SCALE<br>NO SCALE |