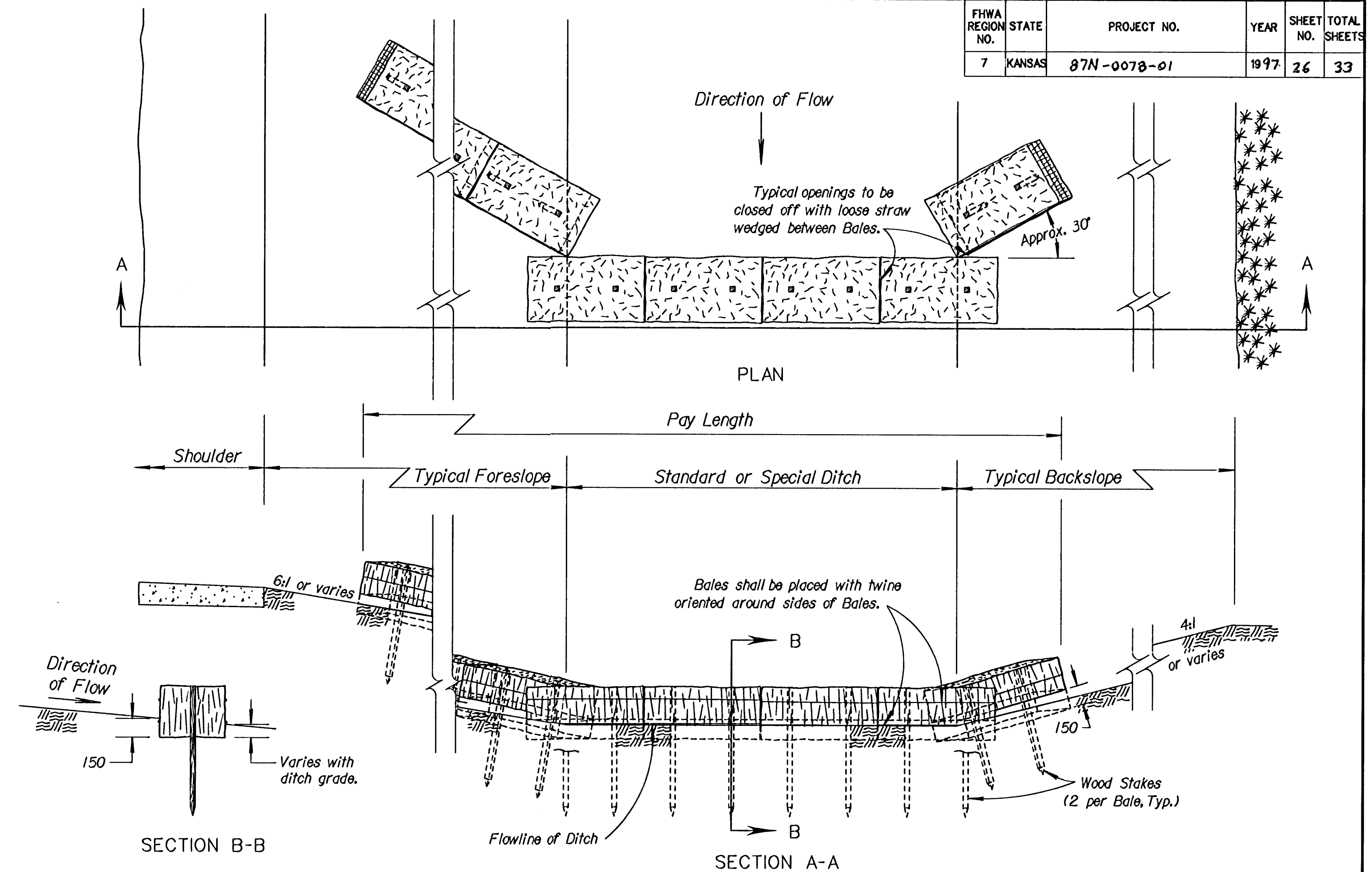
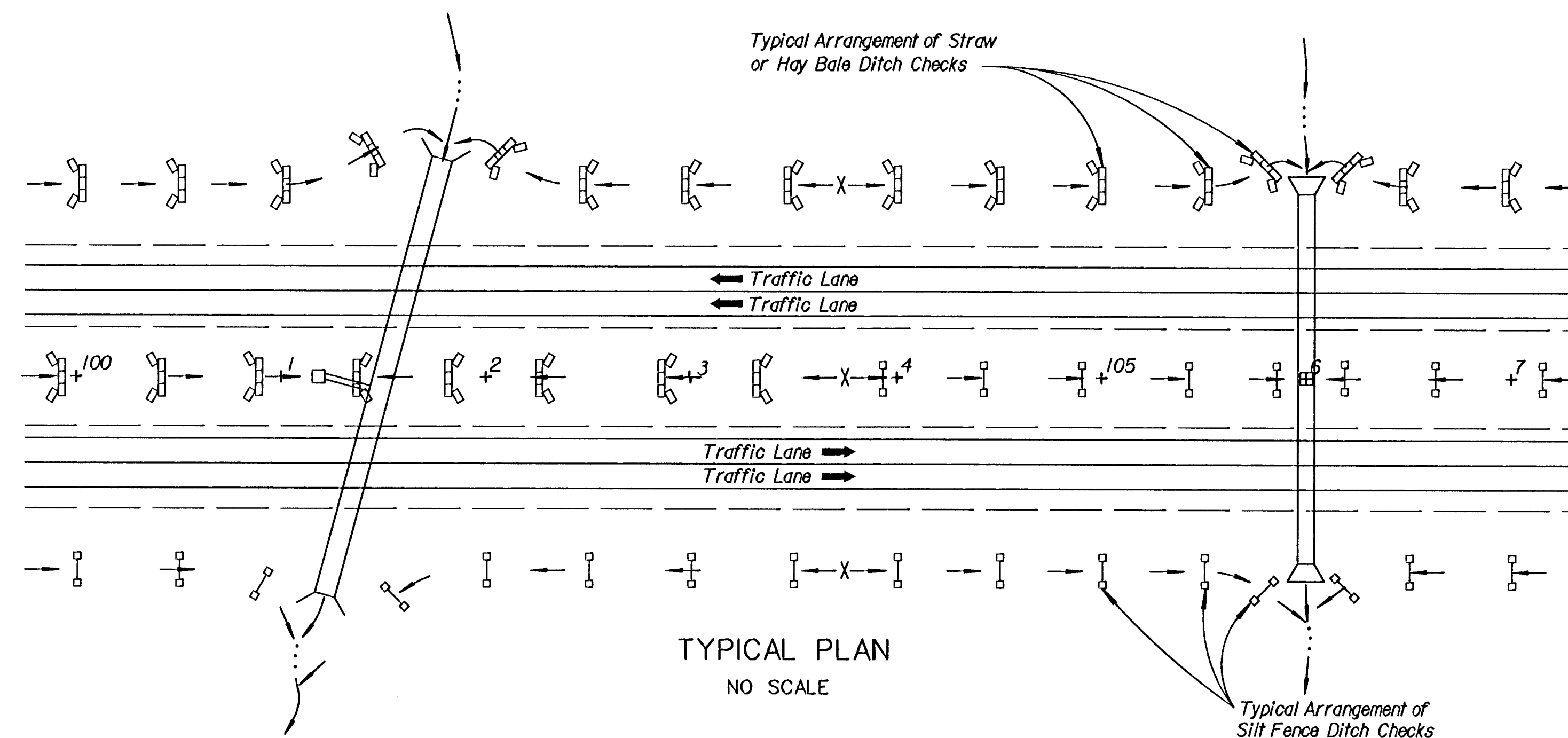


| FHWA<br>REGION<br>NO. | STATE  | PROJECT NO. | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|--------|-------------|------|--------------|-----------------|
| 7                     | KANSAS | 87N-0078-01 | 1997 | 26           | 33              |



## STRAW OR HAY BALE DITCH CHECK

NO SCALE

## GENERAL NOTES

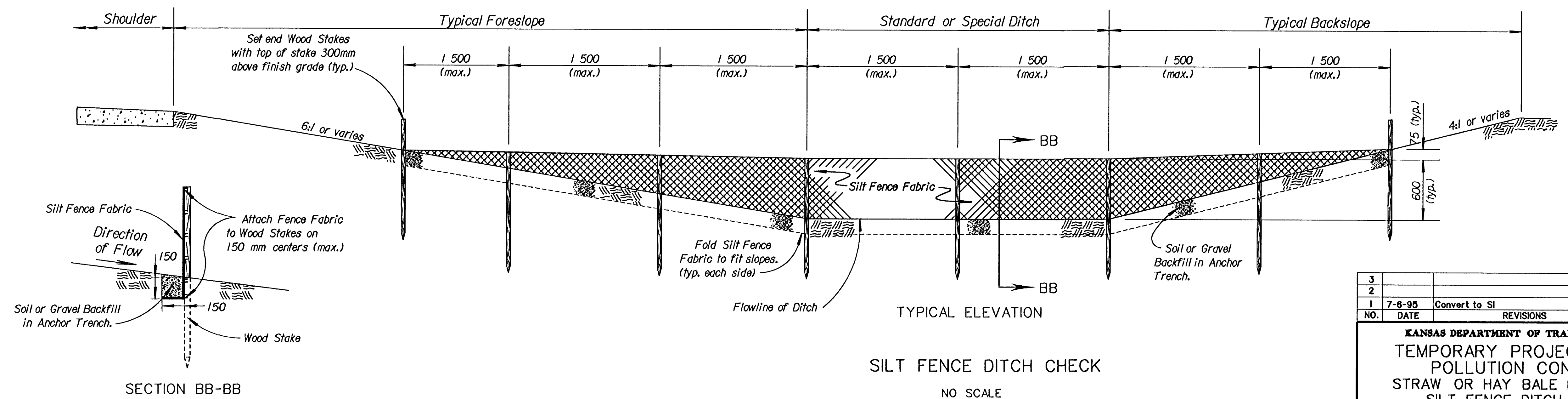
STRAW OR HAY BALE NOTES:

1. Place Bales tightly together, with loose straw or hay wedged between Bales to close off any openings.
2. Wood Stakes shall be 50 mm X 50 mm (nom.) x 1,200 mm long (min.)
3. Use as many Bales as necessary to completely block the entire width of ditch flowline, with excess Bale length cut into fore and back slopes.
4. Use as many Bales as necessary on fore and back slopes to insure water does not flow around barrier.
5. Use only twine to bind bales. The use of wire binding is prohibited because it does not readily biodegrade.

SILT FENCE NOTES:

1. Wood Stakes shall be 50 mm x 50 mm (nom.) x 1,500 mm long (min.)
2. Attach Fence Fabric to wood stakes with staples, wire, or nails.
3. Use as many wood stakes as necessary to achieve a maximum spacing of 1,500 mm across ditch cross section.

| TEMPORARY<br>DITCH CHECK SPACING |                                 |
|----------------------------------|---------------------------------|
| DITCH &<br>SLOPE<br>(%)          | SPACING<br>INTERVAL<br>(METERS) |
| 1.0                              | 61                              |
| 1.5                              | 41                              |
| 2.0                              | 31                              |
| 2.5                              | 24                              |
| 3.0                              | 20                              |
| 3.5                              | 17                              |
| 4.0                              | 15                              |
| 4.5                              | 13                              |
| 5.0                              | 12                              |
| 5.5                              | 12                              |
| 6.0                              | 11                              |
| 6.5                              | 9                               |
| 7.0                              | 9                               |
| 7.5                              | 8                               |
| 8.0                              | 8                               |
| 8.5                              | 7                               |
| 9.0                              | 7                               |
| 9.5                              | 6                               |
| 10.0                             | 6                               |



NOTE: For clarity of details, this view has been enlarged 1 1/2 times.

|                                                                                                                                                                                                                                                                                       |        |               |       |                 |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------|-----------------|---------------|
| 3                                                                                                                                                                                                                                                                                     |        |               |       |                 |               |
| 2                                                                                                                                                                                                                                                                                     |        |               |       |                 |               |
| 1                                                                                                                                                                                                                                                                                     | 7-6-95 | Convert to SI |       | WCL             | RDR           |
| NO.                                                                                                                                                                                                                                                                                   | DATE   | REVISIONS     |       | BY              | APP'D         |
| <p align="center"><b>KANSAS DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>TEMPORARY PROJECT WATER</b></p> <p align="center"><b>POLLUTION CONTROL</b></p> <p align="center"><b>STRAW OR HAY BALE DITCH CHECKS</b></p> <p align="center"><b>SILT FENCE DITCH CHECKS</b></p> |        |               |       |                 |               |
| LA852E SI                                                                                                                                                                                                                                                                             |        |               |       |                 |               |
| F.H.W.A. APPROVAL                                                                                                                                                                                                                                                                     |        | 8-6-95        | APP'D | Richard D. Ross |               |
| DESIGNED                                                                                                                                                                                                                                                                              | WCL    | DETAILED      | WCL   | QUANTITIES      | TRACED        |
| DESIGN CK.                                                                                                                                                                                                                                                                            | RDR    | DETAIL CK.    | WCL   | QUAN.CK.        | TRACE CK. WCL |

Drawn By: \$\$\$USERNAME\$\$\$  
DGN File: \$\$\$DGNFILE\$\$\$DGN\$SPEC\$\$\$\$\$  
Plotted: \$\$\$SYTIME\$\$\$ View= PLOT 1