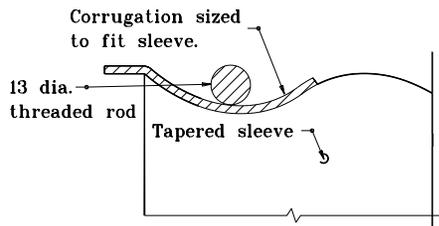
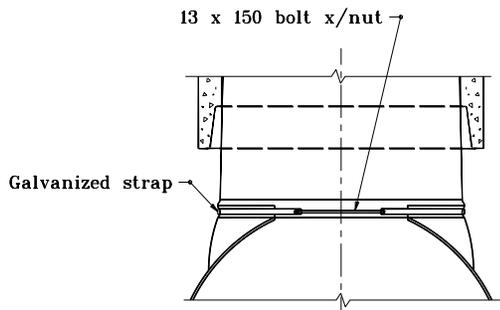


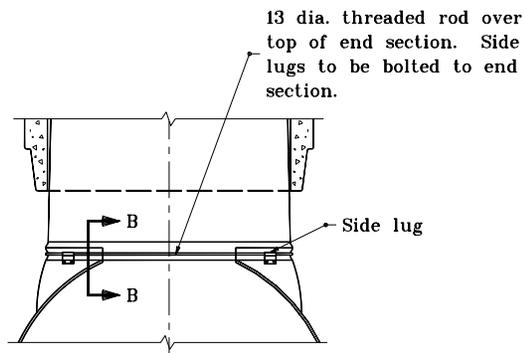
SMOOTH TAPERED SLEEVE DETAIL



SECTION B-B



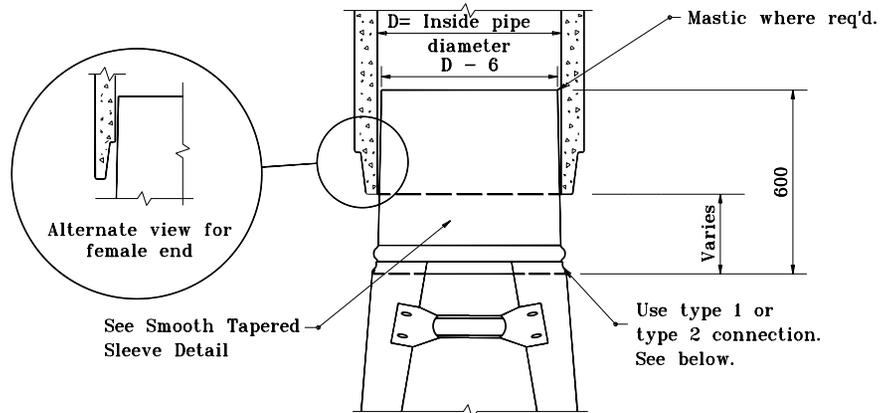
TYPE 1 CONNECTOR DETAIL
for all circular pipes through 600



TYPE 2 CONNECTOR DETAIL
all circular pipes larger than 600 and all horizontal elliptical pipes

GENERAL NOTES

1. For circular pipe diameters through 600, attach end section to pipe with type 1 connector. For all other sizes, attach end section to pipe with type 2 connector.

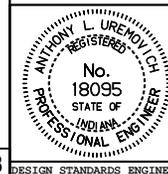


TAPERED SLEEVE FOR ATTACHING STEEL END SECTION TO SMOOTH INTERIOR PIPE

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION
SAFETY METAL CULVERT END SECTIONS FOR SMOOTH PIPE
JANUARY 1998

STANDARD DRAWING NO. 715-SMES-08



/s/ Anthony L. Uremovich 1-02-98
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 1-02-98
CHIEF HIGHWAY ENGINEER DATE

Source Sheet: SMES3