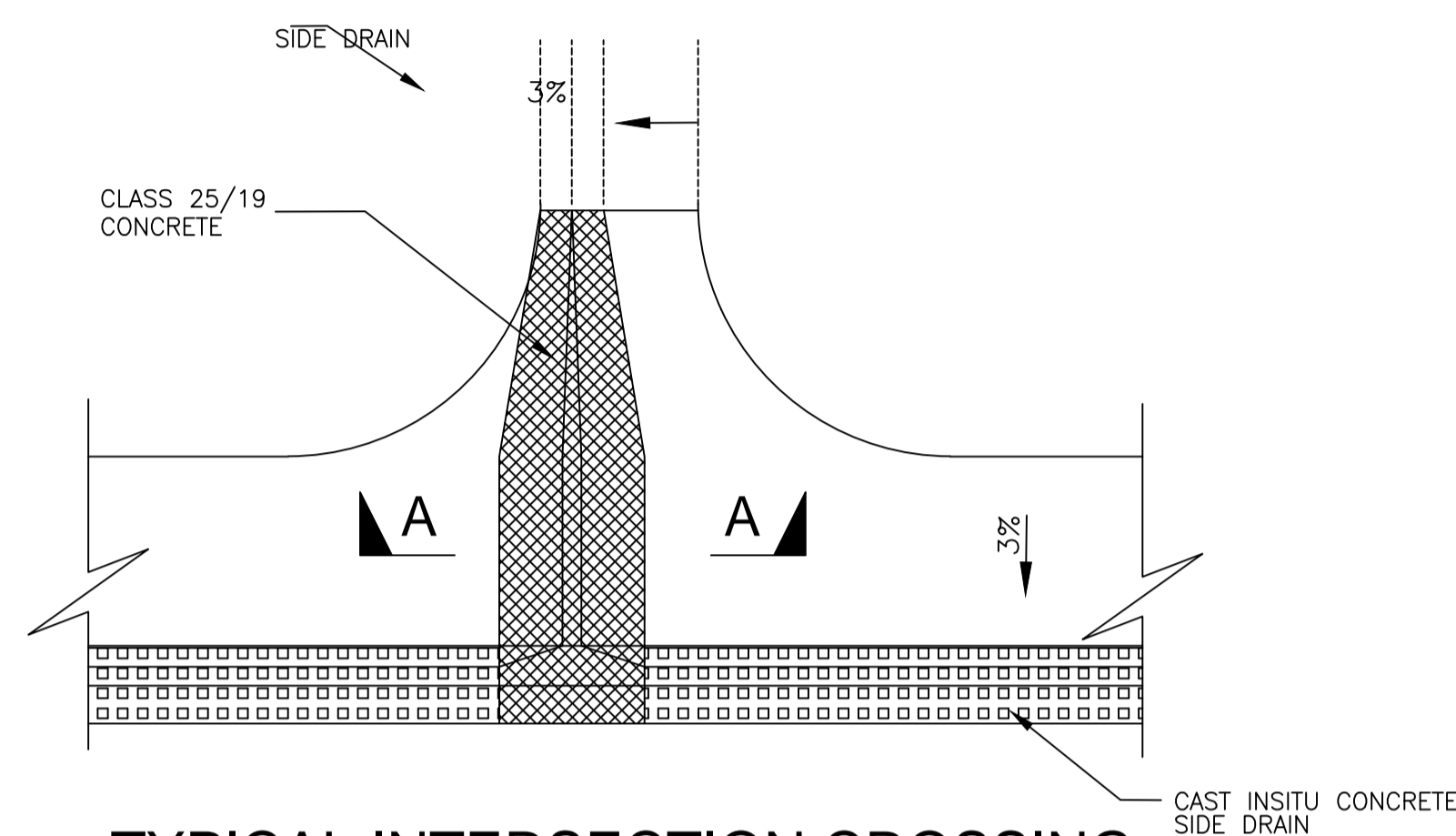
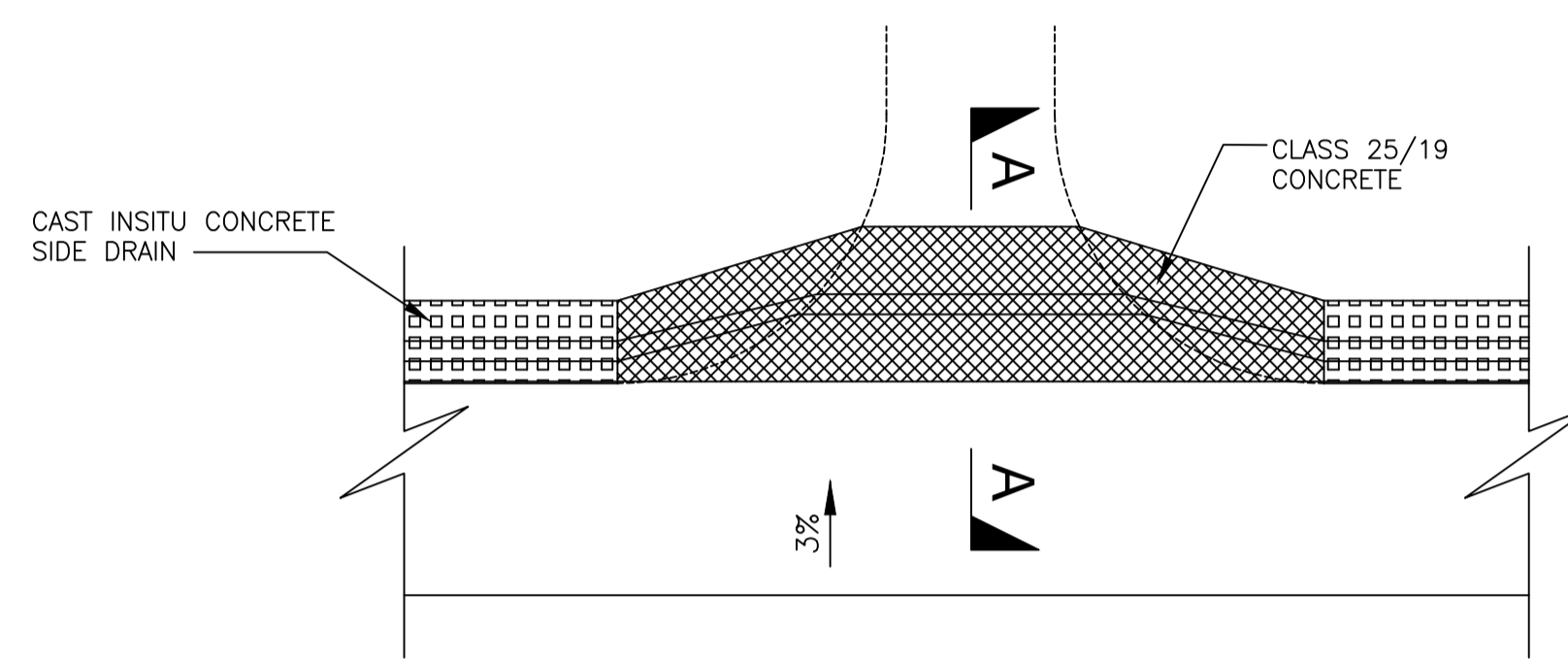


TYPICAL CULVERT LONG SECTION

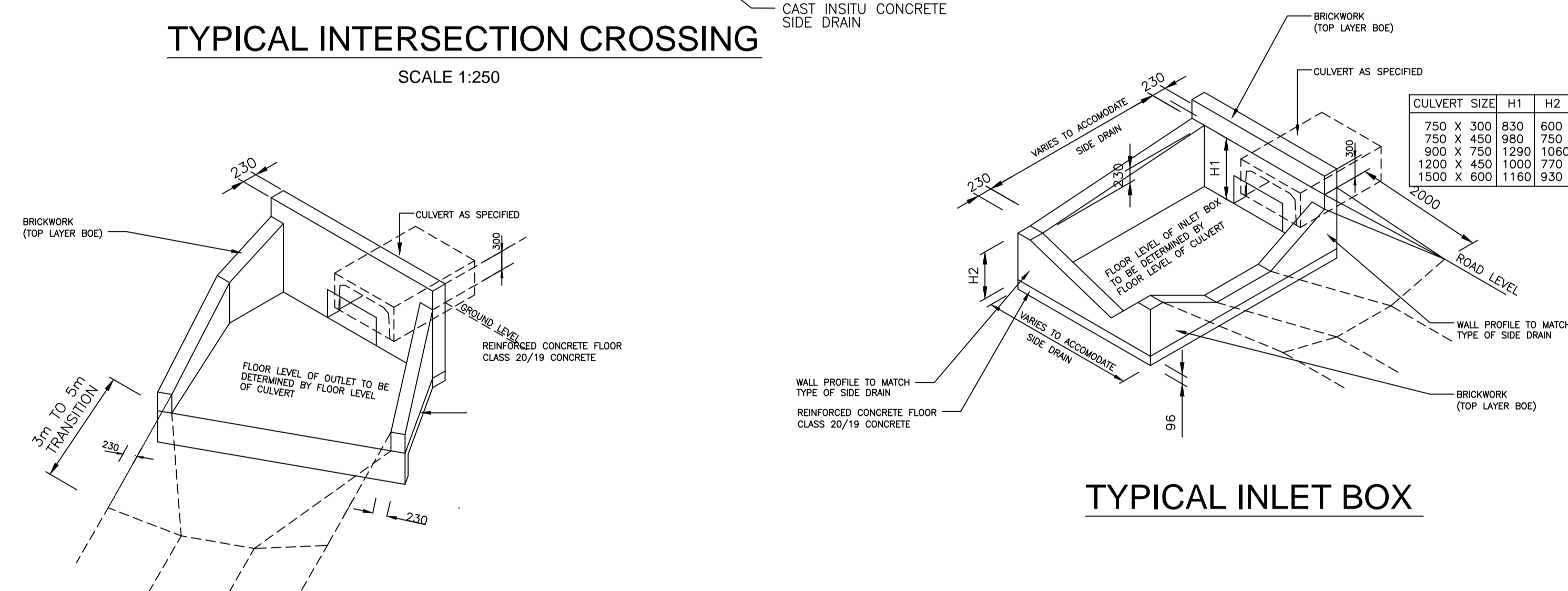


TYPICAL INTERSECTION CROSSING

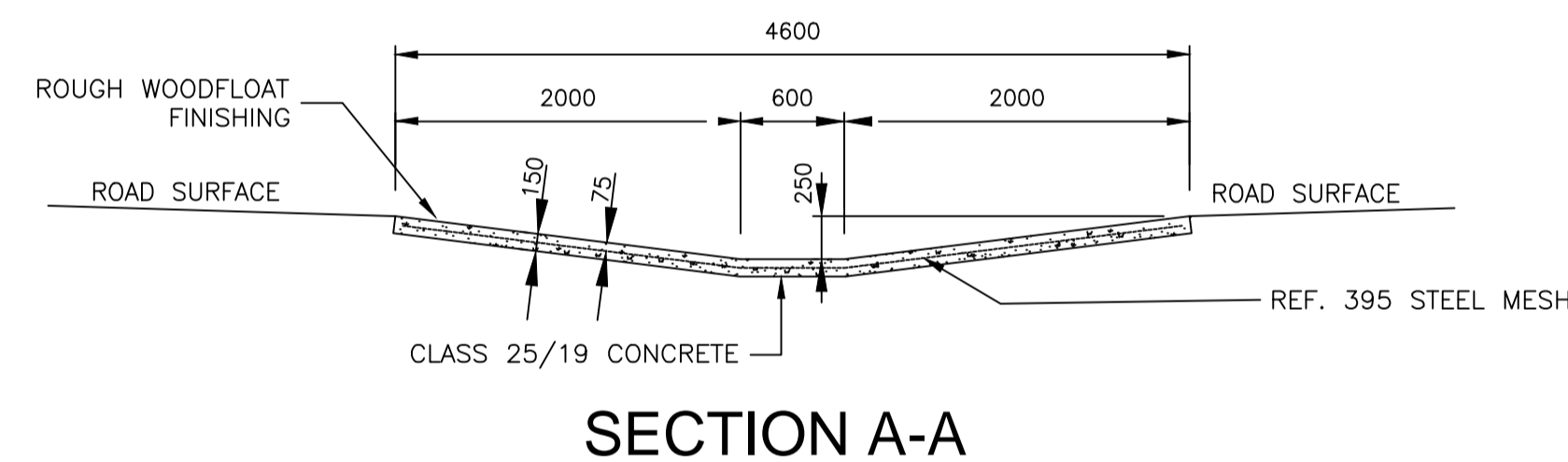
SCALE 1:250



TYPICAL INTERSECTION CROSSING

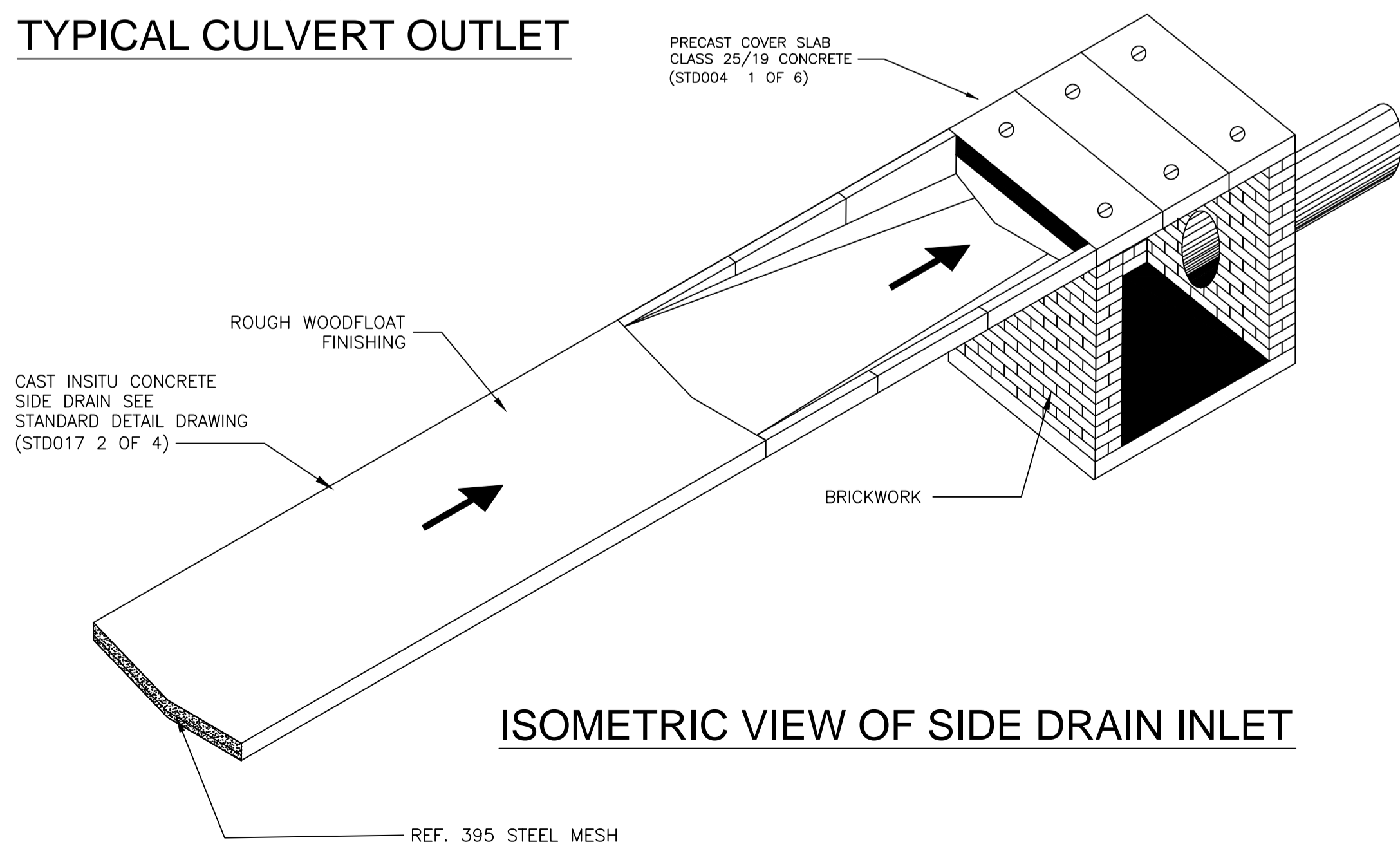


TYPICAL INLET BOX

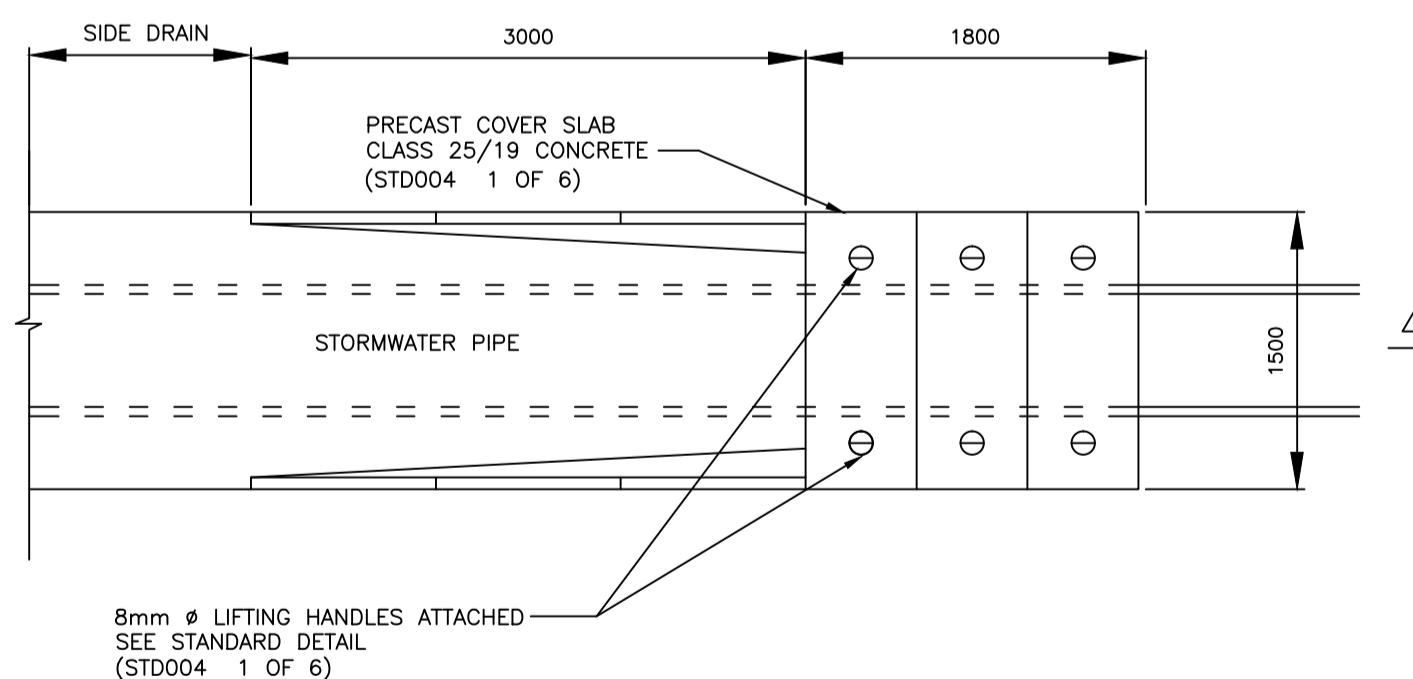


SECTION A-A

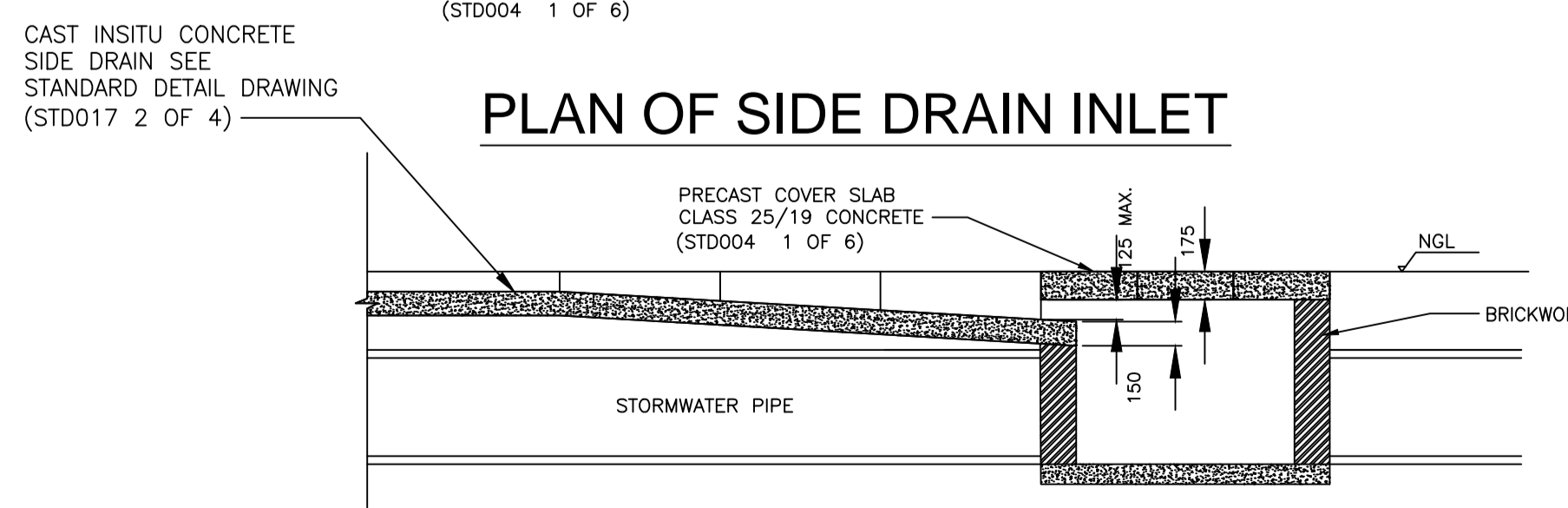
TYPICAL CULVERT OUTLET



ISOMETRIC VIEW OF SIDE DRAIN INLET



PLAN OF SIDE DRAIN INLET



SECTION X-X

AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED P. A. ODENDAAL Pr.Eng.	DRAWN S. AUDIE
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____
DESIGN CHECKED BY P. A. ODENDAAL Pr.Eng.	INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT D.J. CHALMERS
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

**CITY OF TSHWANE**  
ROADS AND TRANSPORT DEPARTMENT

GROUP HEAD  
Mr Letlorkane P. (Phelo)P.O. BOX 1409  
PRETORIA  
0001

ACTING DIVISIONAL HEAD  
Mr Lebepe M.T. (Thabo)  
P.O. BOX 1409  
PRETORIA  
0001

DRAWING APPROVED BY ACTING EXECUTIVE DIRECTOR  
Mr Lebepe M.T. (Thabo)

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

LOCATION OF PROJECT:  
**TYPICAL STANDARD DETAILS**

DESCRIPTION OF PROJECT:  
**ROAD AND SURFACE DRAINAGE DETAILS FOR LOW-COST DEVELOPMENT DRAINAGE STRUCTURES**

CONTRACT No.:	PROJECT No.:
DATE: FEBRUARY 2017	SCALE: AS SHOWN
DRAWING NO. <b>STD017</b>	SHEET NO. 3 OF 4
ORIGINAL PAPER SIZE: A1	REVISION

