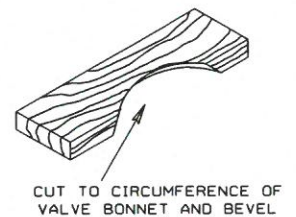


PROCEDURE (ALSO REFER TO DWG 2512-06)

- (FIG. 1) BUILD A 600mm x 600mm LEVEL BASE OF COMPACTED CLAY USING A FLAT TAMPER TO WITHIN 10mm OF THE TOP OF THE TOP FLANGE.
- (FIG. 2) CUT OR NOTCH OUT TWO OF THE 50mm x 200mm x 600mm TREATED BOARDS THE WIDTH OF VALVE FLANGE AND LAY ON BASE PARALLEL TO PIPE.
- (FIG. 3) INSTALL TWO 50mm x 200mm x 600mm TREATED BOARDS TRANSVERSELY OR AT RIGHT ANGLES TO THE FIRST SET AND NO CLOSER TO THE FLANGE THAN THE CUTOUT SO THAT THEY DO NOT PROTRUDE OVER THE FLANGE. NAIL WITH GALVANIZED COATED NAILS AS ILLUSTRATED. APPROX. 5mm CLEARANCE TO FLANGE.
- (FIG. 4) ADD AND NAIL ALTERNATE LAYERS OF BOARDS MAKING SURE EDGES ARE NO CLOSER TO VALVE THAN CUTOUT. CONTINUE UNTIL MINIMUM REQUIRED CLEARANCE (100mm) FROM TOP OF VALVE BONNET TO VALVE NUT IS OBTAINED.
- (FIG. 5) CENTER VALVE BONNET SECTION OVER OPERATING NUT AND FASTEN WITH FOUR NAILS WITH THE TOP 15-20mm BENT OVER TO SECURE IN PLACE.
- (FIG. 6) TWO PIECES OF BOARD ARE NOW CUT OUT TO OUTSIDE CIRCUMFERENCE OF BONNET AND UNDERCUT TO ACCOMMODATE BONNET THICKNESS. THESE ARE NOW NAILED TRANSVERSELY TO LAST LAYER OF BOARDS.
- (FIG. 7) APPROPRIATE LENGTHS OF BOTTOM AND TOP SECTION OF CASING ARE NOW INSTALLED AND BACKFILLED WITH COMPACTED CLAY TO ABOVE JOINT.



NOTES:  
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.

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## VALVE BOX CONSTRUCTION DETAIL

**EPCOR**

APPROVED  
MARCH 2017

DRAWN BY  
Dale Vandenberg

APPROVED

*[Signature]*  
DIRECTOR, WATER DISTRIBUTION AND TRANSMISSION

DRAWING NUMBER

2512-07

SCALE  
N T S

CHECKED BY  
Doug S.

REVISION 0