

A1

EDUCT OR ROTABLE INDUCT COWEL
TO BE SPECIFIED BY DESIGNER FOR
SITE SPECIFIC APPLICATION. FOR
DETAILS SEE DTC/2301

UPPER FLANGE SPLICE
REFER DTC/2320 AND
DTC/2321 FOR DETAILS

DTC DN150 VENT SHAFT

EXISTING BASE TYPE B REFER
SW DTC DRAWING
'INDEX504_14138 DRAWING 4'

CONCRETE FOOTING

150mm VENT SHAFT WITH STANDARD CI BASE TYPE B

SCALE 1:20

3000 BOLTED SEGMENTS MAX

8038 MAX

12000

3962 APPROX

DN150 SW DTC VENT SHAFT
REFER DTC-2320 AND DTC-2321

ROUND OFF TO CURVED SURFACE TO
REDUCE WATER ACCUMULATION
WELD TO BE GROUND TO MATCH THE
PLATE SLOPE AND FREE FORM

WELD TO AS 1554.6 TYPICAL
FOR ALL FLANGES (INCLUDING
UPPER FLANGES) REFER TO
NOTES 7 & 10 ON DTC/2320

WELD SIZE TO SUIT
VENT PIPE THICKNESS

WELD JOINT FOR
VERTICAL LEG

65x5 EA SS FABRICATED
COLLAR WELDED TO TUBE

R2.5mm

TYP 5

LDPE ISOLATION GASKET

170.3 REF

178.5 REF

EXISTING BASE TYPE B

STAGE 2

INJECT LOW VISCOSITY EPOXY
GROUT (CONBEXTRA EP65 PLUS
OR EQUIVALENT) TO FILL THE
ENTIRE VOID FOR LOAD TRANSFER

2/Ø8mm GROUT INJECTION HOLES
(AT 0° AND 180°)
SEAL WITH SIKADUR 31/41 AFTER
CONSTRUCTION COMPLETED TYPICAL

STAGE 1

INJECT LOW VISCOSITY EPOXY
GROUT (CONBEXTRA EP65 PLUS OR
EQUIVALENT) FOR A DEPTH OF
APPROX 30mm ALLOW TO SET TO
VALIDATE SEALING BY GASKET

152.4 REF

1 IN 6 TAPER

3

2 Ø12mm ENDOSCOPE HOLES FOR
VIEWING SEALING FUNCTIONALITY
(AT 90° AND 270°)
SEAL WITH SIKADUR 31/41 AFTER
CONSTRUCTION COMPLETED TYPICAL

50x5 SS BAND WELDED TO
TUBE WITH SEALING GASKET

Ø10 NOMINAL SHORE 'A' 20
SEALING O-RING TO SEAL THE GAP
TO ALLOW GROUT FILLING

150

MIN 3
THREADS

8 M16 SS BOLTS WITH SS NUTS
LOCK NUTS AND WASHERS

OD150 (MIN OD145) ROLLED
SS PIPE 8mm THICK

NOTE: 4 Ø10 VENT HOLES
THROUGH ANGLE AND TO BE
SEALED WITH GROUT

EXISTING BOLT HOLES TO
BE CLEANED AND SEALED
WITH GROUT TYP

4/10x30x3 FLAT BARS
WELDED TO COLLAR 2mm
MIN CLEARANCE TO C.I. BASE

1103

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