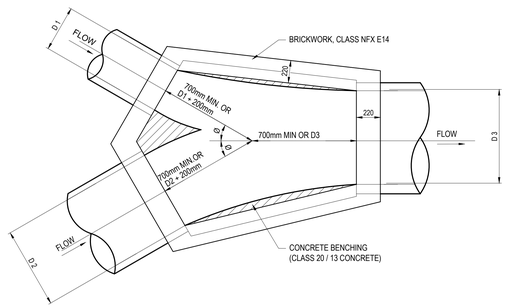
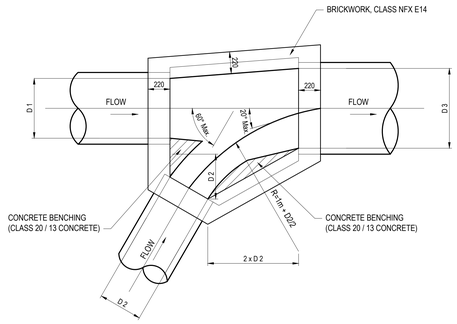


PLAN OF TYPE C1 JUNCTION BOX (WITHOUT COVER SLAB)

D 1 ≠ D2 ≠ D 3 AND Ø < 30°

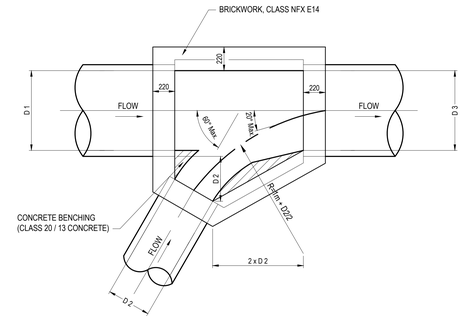
N.T.S



PLAN OF TYPE C2a JUNCTION BOX (WITHOUT COVER SLABS)

D 1 ≠ D 3 AND D 2 VARIES

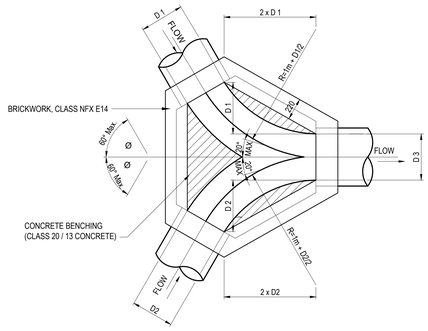
N.T.S



PLAN OF TYPE C2b JUNCTION BOX (WITHOUT COVER SLAB)

D 1 = D 3 AND D 2 VARIES

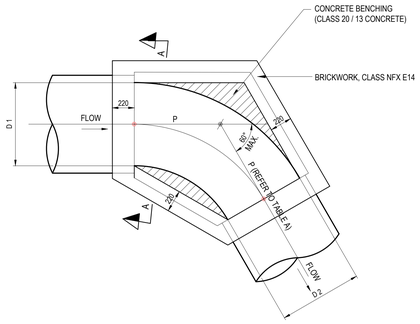
N.T.S



PLAN OF TYPE C3 JUNCTION BOX (WITHOUT COVER SLAB)

D 1 ≠ D2 = D 3 AND Ø > 30°

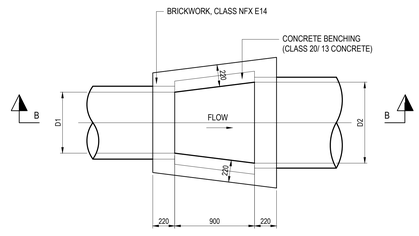
N.T.S



PLAN OF TYPE D1 JUNCTION BOX (WITHOUT COVER SLAB)

D 1= D 2 OR D 1 < D 2

N.T.S



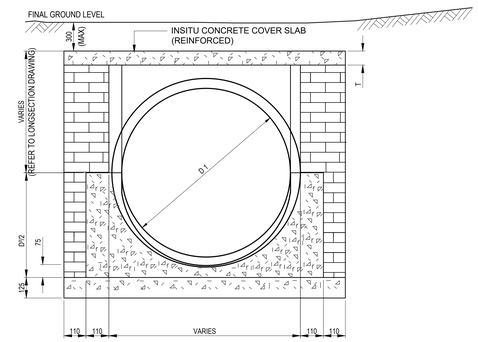
PLAN OF TYPE D JUNCTION BOX (WITHOUT COVER SLAB)

D 1 < D 2

N.T.S

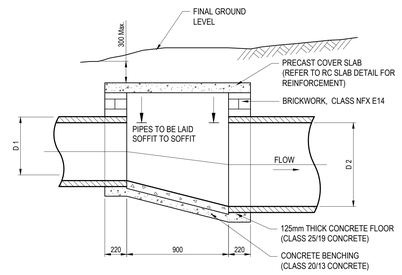
TABLE A

D 2 DIAMETER OF DOWN STREAM PIPE	DISTANCE P
300	700
375	700
450	700
525	700
600	750
675	780
750	800
825	825
900	850
1050	870
1200	925
1350	1000
1500	1100



SECTION A - A

N.T.S



SECTION B - B

N.T.S

NOTES

1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL.
4. DRAWINGS MUST BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND GENERAL NOTES DRAWINGS.
5. IF APPLICABLE, DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.

LOCALITY



LEGEND

SYMBOL	DESCRIPTION

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
E2	FOR TENDER	RR	HVDM	HVDM	18 07 25
E1	FOR TENDER	RR	HVDM	HVDM	26 06 25

REVISIONS

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ZUTARI
IMPACT. ENGINEERED.

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE
DRAWN	W. BOTES		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25
DESIGNED	R. RANGE		18 07 25
CHECKED	H. VAN DER MERWE		18 07 25

PR.ENG. / PR.TECH./PR. ARCH

NAME	H. VAN DER MERWE	DATE
SIGNATURE		18 07 25
REG. NUMBER	201270225	
TITLE	Pr. Tech/ENG	

TRANSNET NATIONAL PORTS AUTHORITY

TITLE	NAME	SIGN	DATE
DRAWN			
CHECKED			
DESIGNED			
CHECKED			

PR.ENG. / PR.TECH./PR. ARCH

NAME		DATE
SIGNATURE		
REG. NUMBER		
SCALE	AS SHOWN	

TRANSNET

Transnet National Ports Authority

TRANSNET SOC Ltd : REG No. 1990/000900/30
NEWARK ROAD
RICHARDS BAY TEL: 035 788 0067
PO BOX 181, RICHARDS BAY 3900, SOUTH AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
ROAD DRAINAGE
JUNCTION BOX DETAILS 1

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-14-VT-CC-D002	T2