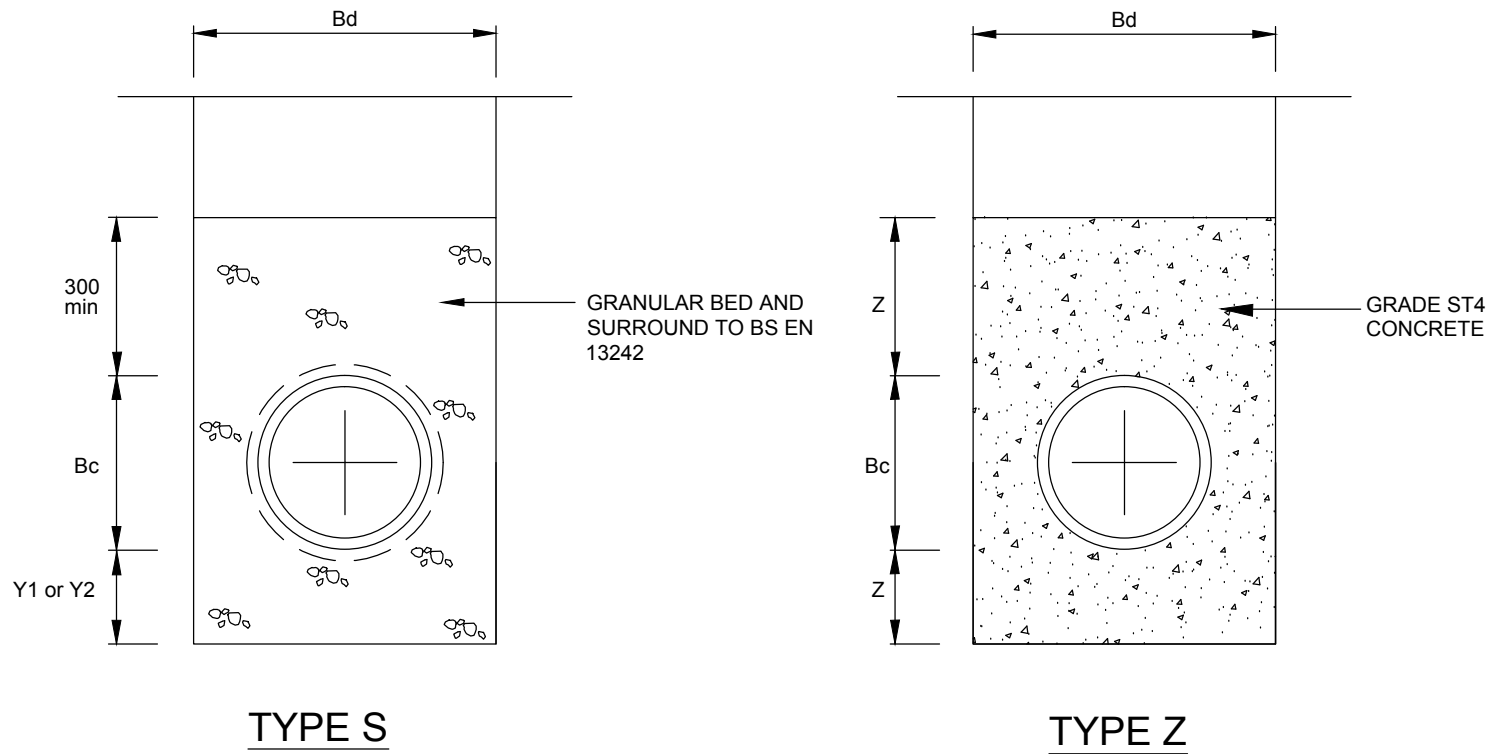
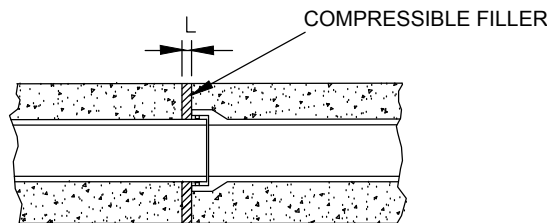


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Bc = INTERNAL DIAMETER OF PIPE.
Bd = WIDTH OF TRENCH @ 300 ABOVE CROWN OF PIPE



FLEXIBLE JOINT DETAIL
PLAIN CONCRETE BED & SURROUND
SPIGOT AND SOCKET PIPES

DO NOT SCALE

NOMINAL INT. PIPE DIA. (Bc)	DIMENSION Y1 EVEN TRENCH BOTTOM (MIN)	DIMENSION Y2 ROCK OR UNEVEN TRENCH BOTTOM (mm)	GRAN BEDDING SURROUND TYPE SINGLE SIZED	DIMENSION Z(MIN) (mm)	MAX PERMITTED TRENCH WIDTH (Bd)	DIMENSION L THICKNESS OF COMPRESSIBLE FILTER
150	150	200	A 10	150	750	18
225	150	200	A 10	150	825	18
300	150	200	A 14	150	925	18
375	150	200	A 14	150	1050	18
450	150	200	A 14	150	1150	36
525	150	250	A 14	150	1200	36
600	150	250	A 20	150	1350	36
675	150	250	A 20	225	1450	36
750	225	300	A 20	225	1500	36
825	225	300	A 20	225	1600	36
900	225	300	A 20	225	1900	36
975	225	300	A 20	300	2000	36
1050	225	300	A 20	300	2100	36
1125	225	300	A 20	300	2200	36
1200	250	350	A 20	300	2300	36
1350	375	450	A 20	375	2500	54
1500	375	450	A 20	375	2700	54
1650	375	450	A 20	450	2800	54
1800	375	500	A 40	450	3100	54
1950	400	500	A 40	525	3200	54
2100	425	650	A 40	525	3400	54
2400	450	675	A 40	600	3700	54

- NOTES
- ALL DIMENSIONS IN MILLIMETRES
 - THIS DRAWING HAS BEEN COMPILED WITH REFERENCE TO TRRL SIMPLIFIED TABLES OF EXTERNAL LOADS ON PIPELINES HMSO 1986 & 'STRUCTURAL DESIGN OF BURIED PIPELINES UNDER VARIOUS CONDITIONS OF LOADING', BS EN 1295 (1998)
 - MAX , PERMITTED TRENCH WIDTH EQUALS 'OVERALL WIDTH' THE ACTUAL TRENCH WIDTH (Bd) SHOULD BE LESS THAN THE 'MAX PERMITTED TRENCH WIDTH AT A LEVEL 300mm ABOVE THE CROWN OF THE PIPE.
 - Y1 SHALL BE USED ON ALL OCCASIONS EXCEPT WHERE Y2 IS SPECIFIED OR DIRECTED BY THE ENGINEER
 - DIMENSION Y SHALL BE INCREASED BY 40mm FOR EACH ADDITIONAL 1m COVER IN EXCESS OF 5m
 - DIMENSION Y2 SHALL BE USED WHERE EXCAVATION IS IN ROCK OR MIXED SOILS CONTAINING ROCK BEDS, BOULDERS, LARGE FLINTS, STONES OR OTHER IRREGULAR HARD SPOTS
 - LIMESTONE PIPE BEDDING WILL NOT BE PERMITTED IN ACIDIC GROUND WATER CONDITIONS. REFER TO CONTRACT SPECIFICATIONS FOR SPECIFIC DETAILS
 - RIGID PIPE MATERIALS ARE DEFINED AS CLAYWARE, CONCRETE AND REINFORCED CONCRETE



PROJECT TITLE
2008 ISSUE
Standard Detail
Drainage

DRAWING INFORMATION
Pipe Bedding Detail For
Rigid Pipes - 1

Survey By	-	Survey Date	-
Design By	DRC	Design Date	Jan 2003
Drawn By	DJ	Creation Date	May 2008
Checked By	JG	Checked Date	May 2008
Approv'd By	JW	Approv'd Date	Mar 2008
Drawing Status		Drawing Scale	N.T.S.

Drawing Number	Revision
Std Detail/HD/D1	
File Name	
TCSU Site Ref	N/A
BES Ref	N/A
A3 395 x 272mm	Printed on 16-Oct-13 by Deakin, David