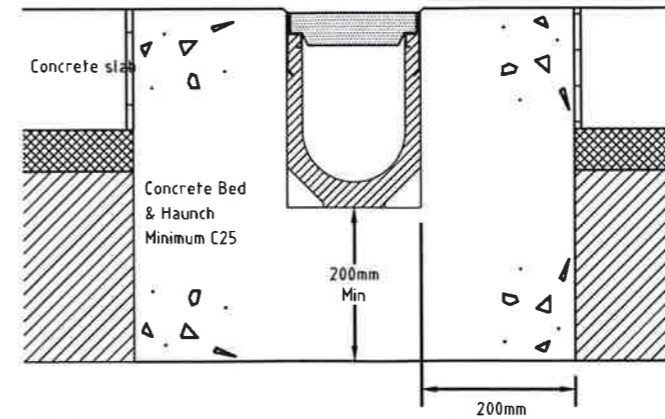


DEPTH m	MINIMUM CHAMBER SIZE mm x mm
0 - 1	600 x 450
1 - 2	1200 x 750 with step irons

**RECTANGULAR PRECAST
CONCRETE MANHOLE**

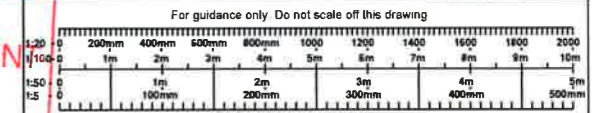


NOTES
All drainage channels shall be installed strictly in accordance with the manufacturers instructions

ROAD DRAIN CHANNEL ACO 100

RECEIVED BY THE
 PLANNING DEPARTMENT
 28 SEP 2015
 P-15-077

A	ISSUE FOR CONSTRUCTION	IM	KMC	27.02.15
P1	FIRST ISSUE	IM	TD	19.12.14
Rev	Description	By	Ckd	Date



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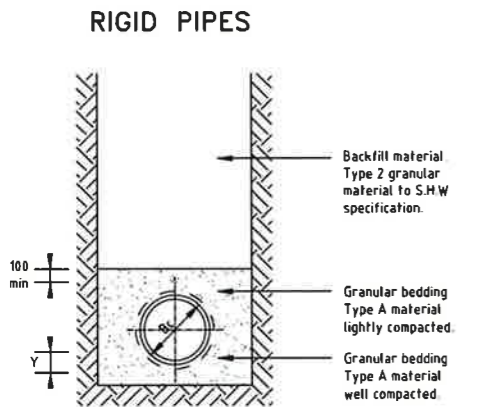
Project **Porthmellon Waste Management Facility, St. Mary's, Isles of Scilly**

Title **Drainage Details**

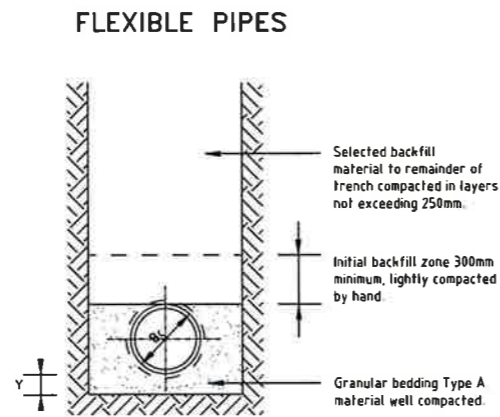
Status	Scale	Date Created
Construction	NTS @A1	02.01.15
Project Leader	Drawn By	Checked by
KMC	IM	KMC

Drawing Number	Rev
JKK8520 _02	A

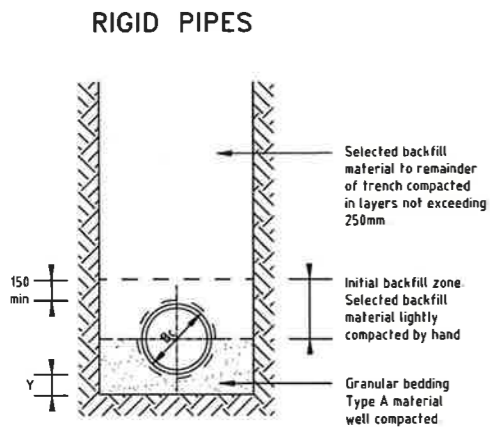
rpsgroup.com



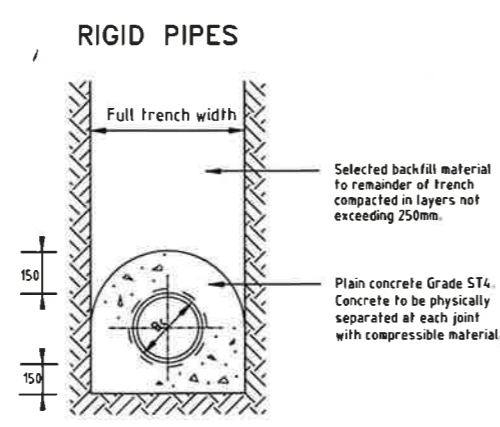
CLASS S BEDDING
(On trafficked areas)



CLASS S BEDDING

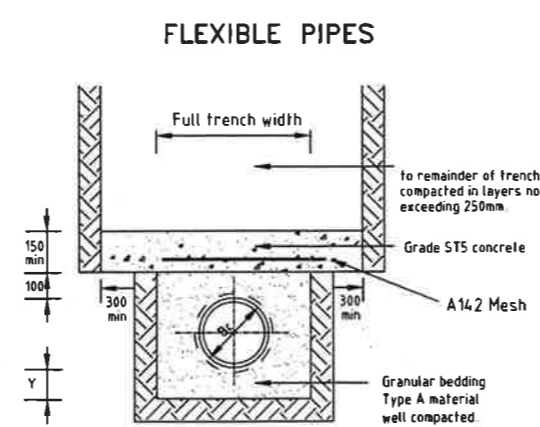


CLASS B BEDDING
(Non-trafficked areas)



CLASS A BEDDING

For cover to pipes of less than 100m in paved areas, and less than 0.45m in open spaces



CLASS A BEDDING

For cover to pipes of less than 0.90m in paved areas, and less than 0.60m in open spaces

TRENCH WIDTHS

Pipe Dia	Trench width max	Y
100	600	100
150	600	100
225	700	100
300	750	100

GRANULAR BEDDING

Nominal bore of pipe (mm)	Alternative Aggregate sizes (mm)	
	Single sized	Graded
100	10	-
150	10 or 14	14 to 5
225-300	10, 14 or 20	14 to 5 or 20 to 5

Granular bedding for pipes and backfilling material for temporary drains (trench sub-drains) shall consist of aggregates from natural sources to BS EN 12620 and BS EN 12620-1 or sintered pulverised fuel ash complying with the relevant provisions of BS 3892, sized in accordance with the above table

Selected fill material, whether selected from locally excavated material or imported, shall consist of uniform, readily compactible material, free from vegetable matter, building rubbish and frozen material, or materials susceptible to spontaneous combustion, and excluding clay of liquid limit greater than 80 and/or plastic limit greater than 55 and materials of excessively high moisture content. Clay lumps and stones shall be retained on 100mm and 40mm sieves respectively.