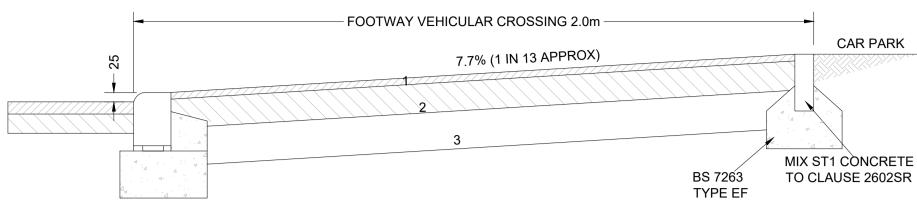
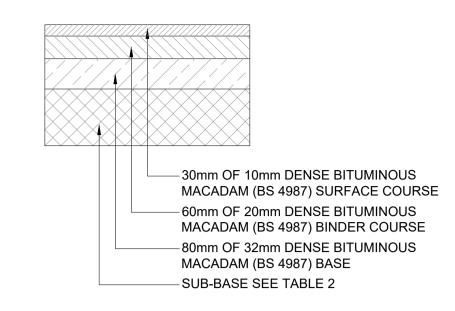


1. 20mm thick AC 6 dense surface 100/150 to BS EN 13108-1(PD 6691 Annex A) minimum PSV to be 45 for footways and 55 for cycleways/shared use (see HCC10/C/045). 2. 45mm open graded AC 20 dense binder course 100/150 (PD 6691 Annex B). To be increased to 100mm for vehicular crossover. 3. 150mm Granular sub-base material in accordance with HCC Clauses 891AR or 892 AR. (If Subgrade CBR is found to be >5% thickness can be reduced to 100mm) 4. Upstand: 25mm for vehicular crossing. 0mm for pedestrian crossing



## VEHICULAR CROSSING DETAIL

SCALE 1:10

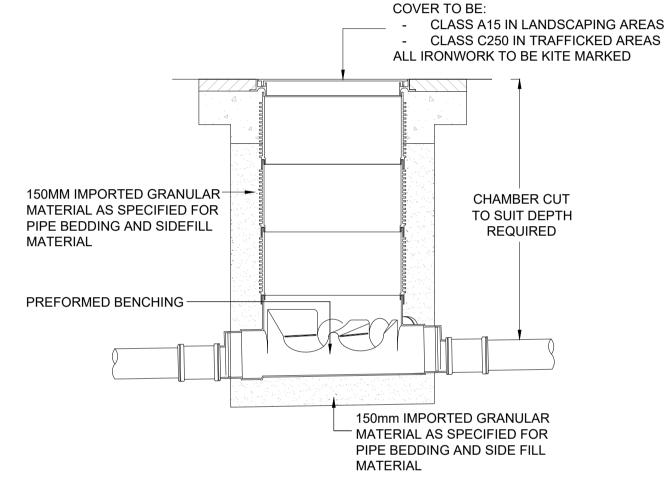


### BITUMINOUS SHARED PARKING CONSTRUCTION

SCALE 1:10

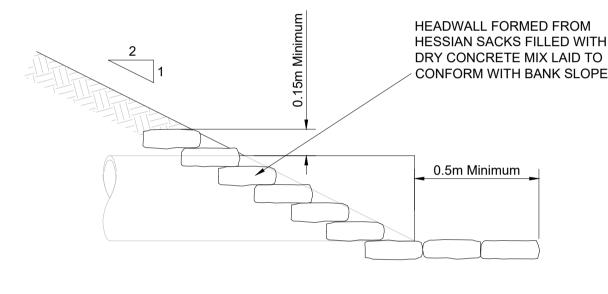
TABLE 2 MINIMUM SUB-BASE THICKNESS FOR PAVED AREAS: CALIFORNIA MINIMUM THICKNESS (mm) OF SUB-BASE (Consolidated in BEARING RATIO accordance with HCHW Volume 1 clause 801, table 8/1) (CBR) VALUES Without Geotextile underneath With Geotextile underneath LESS THAN 2% N/A 2% - 3% 3% - 5% 7% - 20%

NOTE: FOR FULL PRIVATE DRIVE SPECIFICATIONS REFER TO NHBC PART 10 DOCUMENT SECTION 10.2



# TYPICAL INSPECTION CHAMBER DETAIL

SCALE 1:20



#### BAGWORK HEADWALL TYPICAL DETAIL

**BACKFILL** 

GRADE GEN 3

CONCRETE BED

AND SURROUND INTERRUPTED AT

FLEXIBLE PIPE

COMPRESSIBLE

FILLER OVER THE FULL CROSS

JOINTS BY A

SHAPED

SECTION

GRANULAR

BEDDING

NOTES:

	.		1. * = 150 FOR PIPES DIAMETER UP TO 300mm, * = 200mm FOR PIPE DIAMETERS OVER 300mmØ
	-EXCAVATED	SOVER	2. BACKFILL MATERIAL TO BE SELECTED EXCAVATED MATERIAL WHERE THIS MATERIAL COMPLIES WITH CESWI. ADDITIONAL MATERIAL TO MAKE UP ANY

**BACKFILL** 3. IN WET, SOFT, OR SILTY SOILS, WHERE LATERAL SUPPORT IS NOT OBTAINED OR WHERE FINES MAY MIGRATE, THE GRANULAR BEDDING MATERIAL SHALL BE

-EXCAVATED TYPE 1 UNLESS STATED OTHERWISE.

SURROUNDED BY GEOTEXTILE FABRIC WITH MIN 200 OVERLAP.

DEFICIENCY TO BE GRANULAR SUB-BASE

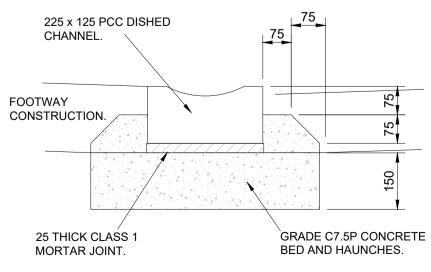
MATERIAL				
NOMINAL	AGGREGATE SIZE (mm)			
BORE OF	SINGLE SIZED	GRADED		
PIPE (min)				
100	10	-		
150	10 OR 14	14 TO 5		
225-300	10,14 OR 20	14 TO 5 OR 20 TO 5		
375-525	14 OR 20	14 TO 5 OR 20 TO 5		
EXCEEDING	14,20 OR 40	14 TO 5 OR 20 TO 5		
525		40 TO 5		

DIM X > 150mm FOR PIPES > 100mmØ DIM X > 200mm FOR PIPES TRENCHES IN ROCK

#### PAVING AND (OR) SURROUND TO ARCHITECTS REQUIREMENTS. **GULLY GRATING AND FRAME** TO BE STANTONPAM AQUAFALL BED & HAUNCH FRAME IN 1:3 LIST NO. C5802 OR EQUAL BEDDED MORTAR ALLOWING SUFFICIENT ON 1:3 MORTAR DEPTH ABOVE HAUNCH FOR PAVING CONSTRUCTION OR CONCRETE SURROUND AS ARCHITECTS REQUIREMENTS. 215 THK. BRICKWORK IN CLASS B **ENGINEERING BRICKS OR SPECIAL** PURPOSE CONC BRICKWORK WITH 1:3 MORTAR (MAXIMUM 3 COURSES) REMOVABLE STOPPER 300 DIA x 600 dp. NOM. SIZE VITRIFIED CLAY HEPWORTH ROAD GULLY CODE RGR2. 150 DIA OUTLET 150 MIN CONC. SURROUND MIX GEN 3. TO BS5328

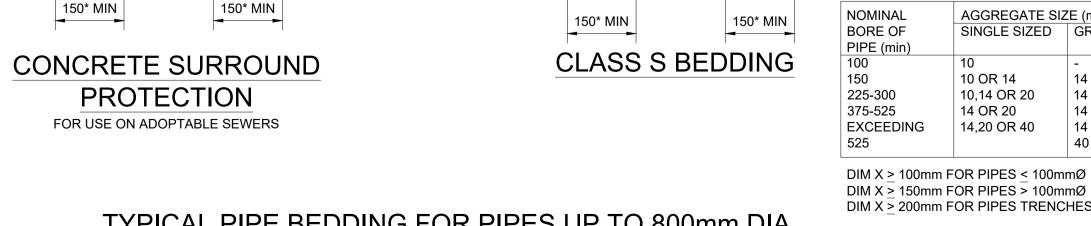
## TYPICAL YARD GULLY DETAIL

**SCALE 1:20** 



# DRAINAGE CHANNEL DETAIL

SCALE 1:10



TYPICAL PIPE BEDDING FOR PIPES UP TO 800mm DIA

CONSTRUCTION DETAILS HYDROCK PROJECT NO. SCALE @ A1 C-05264-C AS SHOWN STATUS DESCRIPTION STATUS INFORMATION DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) REVISION P01 LON-HYD-XX-XX-DR-C-2650

Description

REVISIONS

P01 **28/06/19** First Issue.

**BARRATT HOMES** 

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Rev Date

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