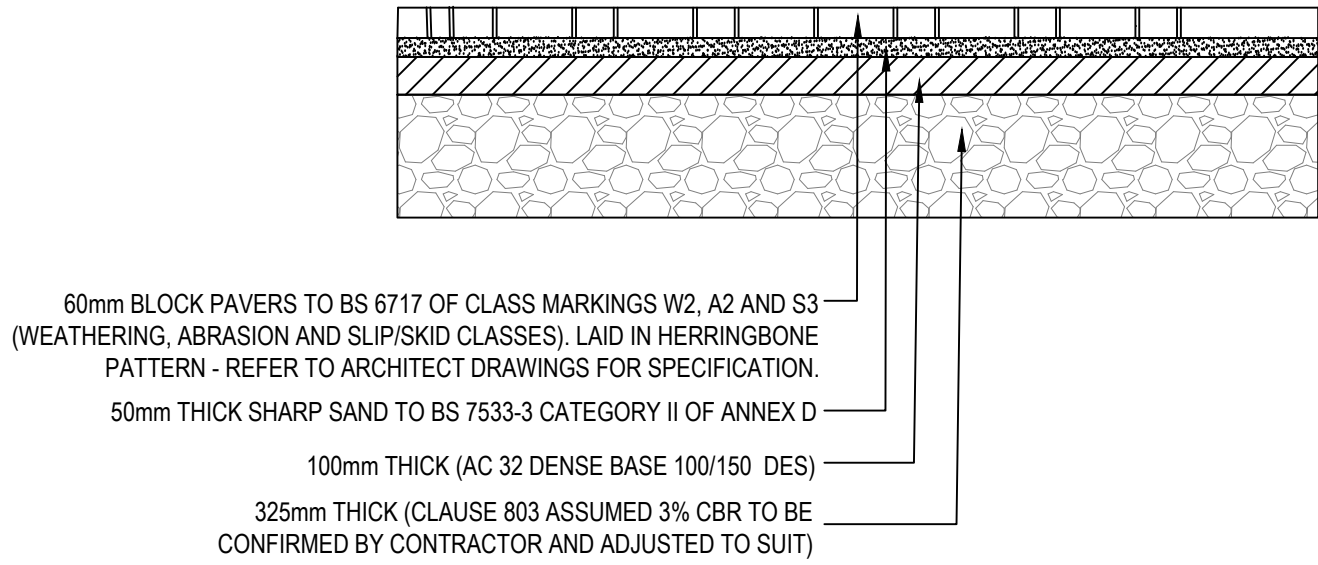




60mm BLOCK PAVERS TO BS 6717 OF CLASS MARKINGS W2, A2 AND S3 (WEATHERING, ABRASION AND SLIP/SKID CLASSES). LAID IN HERRINGBONE PATTERN - REFER TO ARCHITECT DRAWINGS FOR SPECIFICATION.

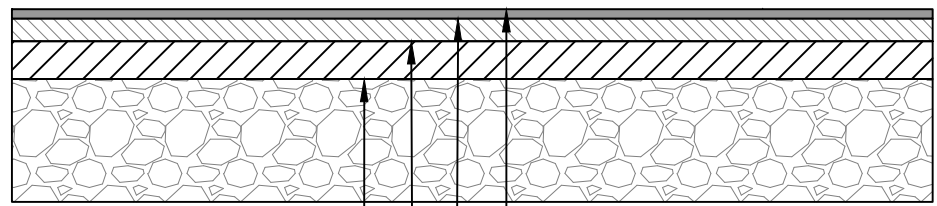
50mm THICK SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D

100mm THICK (AC 32 DENSE BASE 100/150 DES)

325mm THICK (CLAUSE 803 ASSUMED 3% CBR TO BE CONFIRMED BY CONTRACTOR AND ADJUSTED TO SUIT)

**PRIVATE BLOCK PAVED DRIVES AND PARKING AREAS
HAVING USE BY CARS AND LIGHT VEHICLES**

SCALE 1:20



25mm THICK AC 6 DENSE SURF 100/150 DES

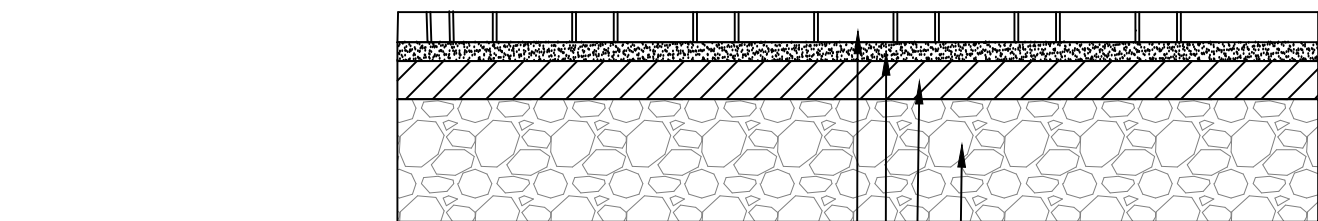
60mm THICK AC 20 DENSE BIN 100/150 DES

100mm THICK AC 32 DENSE BASE 100/150 DES

325mm THICK (CLAUSE 803 ASSUMED 3% CBR TO BE CONFIRMED BY CONTRACTOR AND ADJUSTED TO SUIT)

**PRIVATE TARMAC DRIVES AND PARKING AREAS HAVING
USE BY CARS AND LIGHT VEHICLES**

SCALE 1:20



80mm BLOCK PAVERS TO BS 6717 OF CLASS MARKINGS W2, A2 AND S3 (WEATHERING, ABRASION AND SLIP/SKID CLASSES). LAID IN HERRINGBONE PATTERN - REFER TO ARCHITECT DRAWINGS FOR SPECIFICATION.

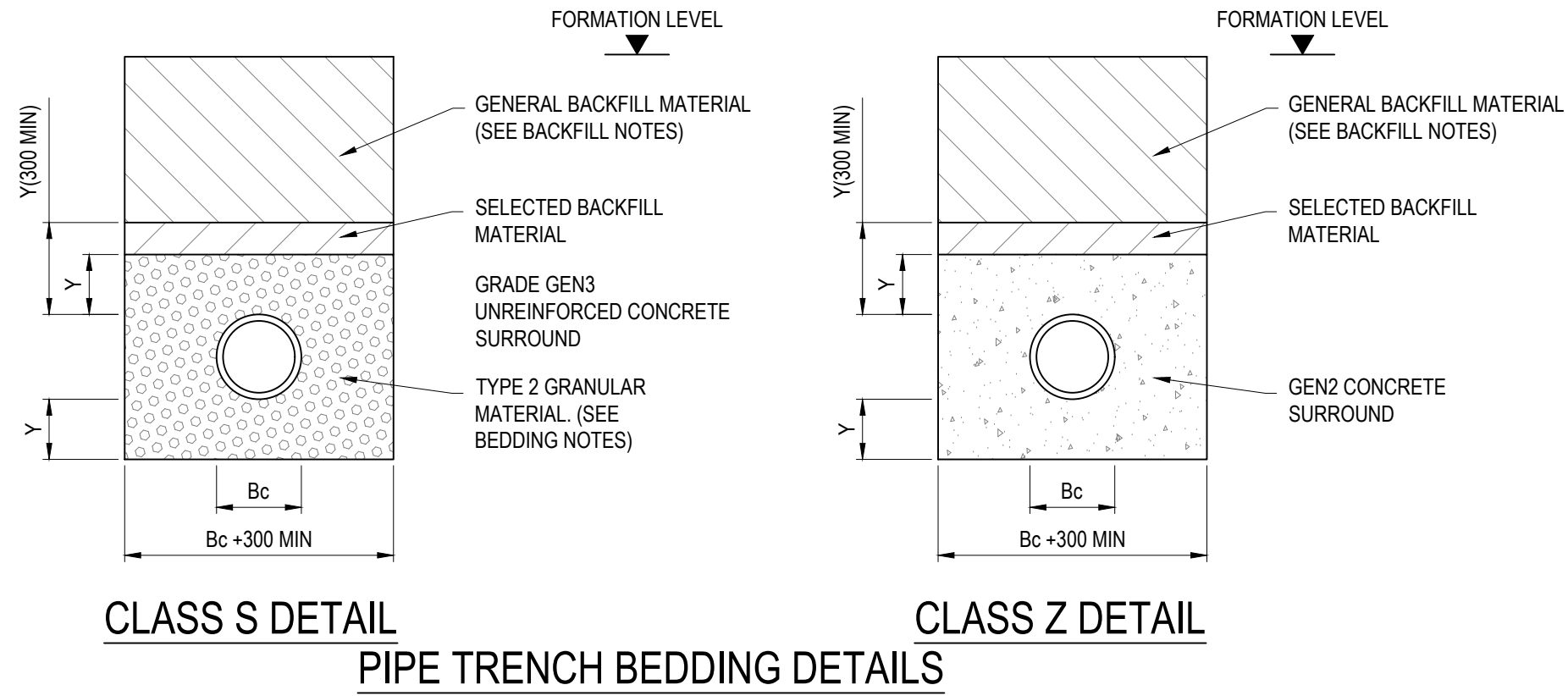
50mm THICK SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D

100mm THICK (AC 32 DENSE BASE 100/150 DES)

325mm THICK (CLAUSE 803 ASSUMED 3% CBR TO BE CONFIRMED BY CONTRACTOR AND ADJUSTED TO SUIT)

**SHARED BLOCK PAVED DRIVES HAVING INFREQUENT
USE BY COMMERCIAL VEHICLES**

SCALE 1:20



**CLASS S DETAIL
PIPE TRENCH BEDDING DETAILS**

NOTES:

A) Bc = OUTSIDE DIAMETER OF PIPE BARREL.

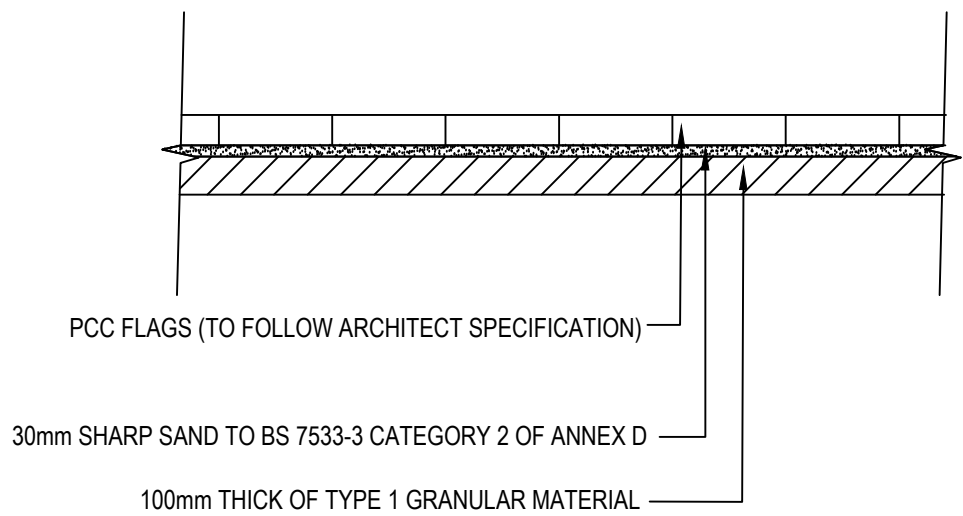
B) Y = FOR UNIFORM SOILS:
SLEEVE JOINTED PIPES, MIN. 50mm OR 1/6Bc, WHICHEVER IS THE GREATER.
SOCKETED PIPE, MIN. 100mm OR 1/6Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 50mm UNDER SOCKETS. FOR ROCK OR MIXED SOILS CONTAINING ROCK BANDS, BOULDERS, STONES OR OTHER IRREGULAR HARD SPOTS: SLEEVE JOINTED PIPES, MIN. 150mm OR 1/4Bc, WHICHEVER IS THE GREATER. SOCKETED PIPE, MIN. 200mm OR 1/4Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 150mm UNDER SOCKETS.

NOMINAL PIPE DIA (mm)	THICKNESS OF COMPRESSIBLE FILLER (mm)
LESS THAN 450	18
450 TO 1200	36
GREATER THAN 1200	54

COMPRESSIBLE FILLER TABLE

(BITUMEN IMPREGNATED INSULATING BOARD TO BS 1142: PART 3)

- SUITABLE BACKFILL MATERIAL (REFER TO NOTES)
- SELECTED SIDEFILL AND SURROUND (REFER TO NOTES)
- GRANULAR BEDDING MATERIAL. (REFER TO NOTES)
- GEN3 CONCRETE BED AND SURROUND (REFER TO NOTES)



**PRIVATE PATIO DETAIL
NTS**

NOTES:

- ALL ADAPTABLE ROAD WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITIES RECOMMENDATIONS AND SPECIFICATIONS.
- ALL CLAUSE NUMBERS BELOW RELATE TO THE DEPT FOR TRANSPORT'S SPECIFICATION FOR HIGHWAY WORKS.
- PREPARATION AND SURFACE TREATMENT OF FORMATION SHALL BE IN ACCORDANCE WITH CL. 616
- GENERAL REQUIREMENTS FOR ROAD PAVEMENTS SHALL BE IN ACCORDANCE WITH CLAUSES 701 TO 707 INCLUSIVE.
- ALL BITUMEN MACADAM SHALL BE IN ACCORDANCE WITH B.S.4987
- ALL BITUMINOUS BOUND MATERIALS SHALL BE TRANSPORTED, LAID AND COMPACTED IN ACCORDANCE WITH CL. 901
- GRANULAR TYPE 1 SUB BASE SHALL BE IN ACCORDANCE WITH CL. 803
- LAYING AND COMPACTION OF SUB BASE SHALL BE IN ACCORDANCE WITH CL. 802
- BASE SHALL BE DENSE MACADAM IN ACCORDANCE WITH CL. 903
- BINDER COURSE SHALL BE DENSE BITUMEN MACADAM IN ACCORDANCE WITH CL.906
- LIMESTONE AGGREGATE IS NOT PERMITTED.
- NO CUTS PERMITTED (EG FOR SERVICES) ONCE BINDER COURSE IS LAID.
- POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
- THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.
- THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
- IN-SITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027, UNLESS AGREED OTHERWISE WITH THE ADOPTING AUTHORITY.
- PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911:2002, BS EN 1916:2002, AND BS EN 1917:2002 AND BE KITEMARKED. CONCRETE PIPES TO BE CLASS 120 UNLESS NOTED OTHERWISE.
- GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124 AND BE OF A NON-ROCKING DESIGN WITH LEFT HANDED CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS C250 TO BE USED IN LESSER TRAFFICKED AREAS eg ESTATE ROADS, CUL-DE-SACS, RESIDENTIAL CAR PARKING AREAS ETC. TYPE D400/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 1010CM2. TYPE C250/450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 900CM2.
- UNSEALED AND LOOSE MATERIAL SUCH AS CRUSHED STONE, GRAVEL AND PEBBLES IS NOT TO BE USED ADJACENT THE ADAPTABLE HIGHWAY.
- SHOULD THERE BE ANY CONFLICT BETWEEN INFORMATION ABOVE AND THE HIGHWAY AUTHORITY'S RECOMMENDATIONS AND SPECIFICATIONS, THE AUTHORITY'S REQUIREMENTS TAKE PRECEDENCE. THE CONTRACTOR MUST LIAISE CLOSELY WITH THE AUTHORITY WITH RESPECT TO ANY TESTING, APPROVALS, INSPECTIONS, PERMISSIONS OR LICENCES REQUIRED AS WORK PROGRESSES.
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS ELL-18075-KD-L-160-163.
- CHIPPINGS TO BE LAID BY MECHANICAL SPREADER AT A SPREAD RATE OF 9 +/-1KG PER m².
- ALL JOINTS IN SURFACE COURSE MACADAM SHALL BE OVERBANDED IN ACCORDANCE WITH CL. 711.

B	UPDATED TO SUIT CLIENT COMMENTS	21.06.22	IC	MC
A	AMENDED ROAD BASE THICKNESS TO PRIVATE DRIVE TO SUIT CLIENT COMMENTS.	03.05.22	IC	MJS
Rev:	Description:	Date:	By:	Chkd:

Status:

FOR CONSTRUCTION

Client:

BELLWAY WESSEX

Project:

BOORLEY GREEN

Orig Title:

**ROAD CONSTRUCTION DETAILS
SHEET 4 OF 4**



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Scale:	Size:	First Issue:	Drawn:	Checked:	Rev:
AS SHOWN	A1	05.05.22	JT	IC	B

Drawing No:

ELL-21191-BW-L-303