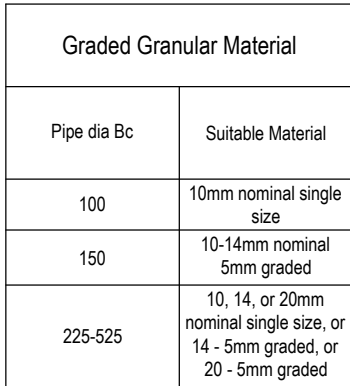


Adoptable Highway Areas
Type 1 Clause 803 SHW series 0800

Pedestrian/Soft Landscaped Areas
Class 8 (SHW-Class 1, 2 or 3) Selected fill
free of clay and stone >40mm material in
accordance with SHW Series 600.



1:20



Adoptable Highway Areas
Type 1 Clause 803 SHW series 0800

Pedestrian/Soft Landscaped Areas
Class 8 (SHW-Class 1, 2 or 3) Selected fill
free of clay and stone >40mm material in
accordance with SHW Series 600.



- Health and Safety hazards are identified by the designer as abnormal in pursuance of the current Construction Design and Management regulations. It is assumed that all works will be carried out by competent & adequately resourced contractor(s) working to safe systems of work.

1. **DO NOT SCALE FROM THIS DRAWING FOR CONSTRUCTION.** Scaling from this drawing or obtaining dimensions electronically may not provide accurate information and should be avoided, therefore work only from figured dimensions and contact JRC Consulting Engineers.
2. This drawing is to be read in conjunction with all other relevant Architect's, Engineers & Specialist drawings, details, Specification and the relevant Health and Safety Plan (as appropriate to the project). All discrepancies to be reported to the Engineer immediately for verification.

2. Drawings to be read in conjunction with all design drawings and building regulations.
3. All levels are to be in accordance with Survey datum levels.
4. All materials used in connection with this design must:
 - Not be detrimental to the health or safety or adversely affect durability of the construction.
 - Where applicable, be compliant to current British/European Standards, Codes of Practice and good building practice.
5. The planning, design and construction of sewers shall be in accordance with Design and Construction Guidance (DCG) for foul and surface water sewers offered for adoption under the Code for adoption agreements for water and sewerage companies in England.
6. The minimum size of sewer where guide bars, safety chains, or other safety devices are required in manholes shall be 375mm diameter.
7. All lifting and lifting gear in manholes shall be a concrete surround. Concrete rings shall be sealed using a minimum of 30mm of fresh concrete. Concrete surround: CPCCS should be installed in accordance with the DCG.
8. Compliance with health & safety matters on any trench/manhole is obligatory and a permit to enter a confined space is required when connecting site drainage to the existing public sewerage system. A permit to enter a confined space will be obtained from the local water company prior to the works commencing on any public sewerage system.
9. Where a permit to enter a confined space is required for a public sewerage system either by new junction, new manhole or connection to an existing manhole, it will require the submission of an application for sewer connection form to the local water company prior to works commencing.
9. MH covers and frames shall be ductile iron with a minimum square opening of 600x600mm. Covers shall be made of ductile iron with a minimum thickness of 10mm and provided in HG15 up to 3.0m deep. Ladders shall be provided in accordance with BS 4121 in HG15 between 3.0m & 6.0m deep. MH's greater than 6.0m deep shall be specially designed and have intermediate landings. Access holes in intermediate landings shall be provided with galvanised mild steel grating or prevent persons falling through. The design of the manholes shall be provided with a winch of a lifting gear mounted at ground level in case of emergencies.
- 11 Only low carbon steel or stainless-steel ladders for vertical lifting for manholes will be acceptable.
- 12 Proposed adopted sewers are only permitted to have other sewerage/connections and other services laid at an interval of 45 degrees and 90 degrees across the line with a vertical clearance more than 300mm.
- 13 All manrow to be kite marked by BS1 or certified by equal inspection authority.
- 14 Red coloured plastic market type not less than 150mm wide shall be laid at a minimum of 200mm above the existing pipe and be installed in the trench with the top of the gravity sewer in bold capital letters throughout its length and at intervals not exceeding 700mm and shall incorporate a corrosion resistant track system for non-metallic pipes.
- 15 Minimum burndown height shall be 1m.
- 16 On new drainage or sewerage lines, the manhole upstream from the connection to the existing foul water sewer shall be fitted with a suitable screen, which will remain in place until the new sewer becomes live. For type 3 manholes, outlet to be bunged with suitable stopper and chain which can be removed on completion of work.
- 17 Adopted pipework bed/fundrum:

Vehicular access:	<1200 cover	Class 2 concrete
	>1200 cover	Class 3 granular
Non-vehicular access:	<900 cover	Class 2 concrete
	>900 cover	Class 3 granular



C1	30.09.25	Issued For Construction	JDC	DWJP
REV.	DATE	DETAILS	BY	CKD.



DRAWING STATUS

FOR CONSTRUCTION (SUBJECT TO TECHNICAL APPROVAL)

PROJECT
ELM GROVE
TROWBRIDGE

CLIENT

DRAWING TITLE
PRIVATE DRAINAGE CONSTRUCTION DETAILS
SHEET 2

SCALE @ A1		SIZE	DATE
AS SHOWN		A1	SEP 25
PROJECT NUMBER	DRAWING NUMBER	REVISION	
1960	2572	C1	