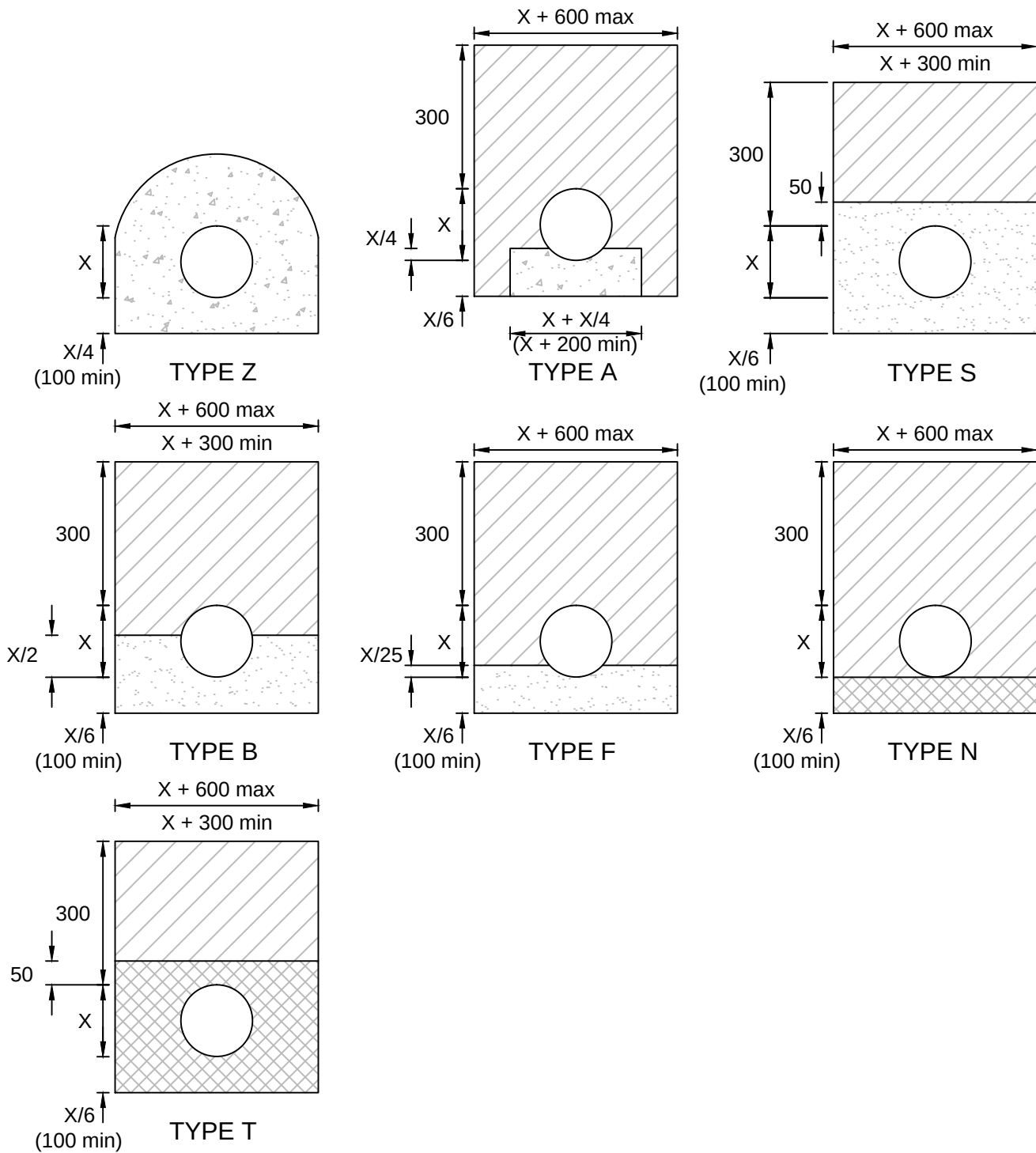


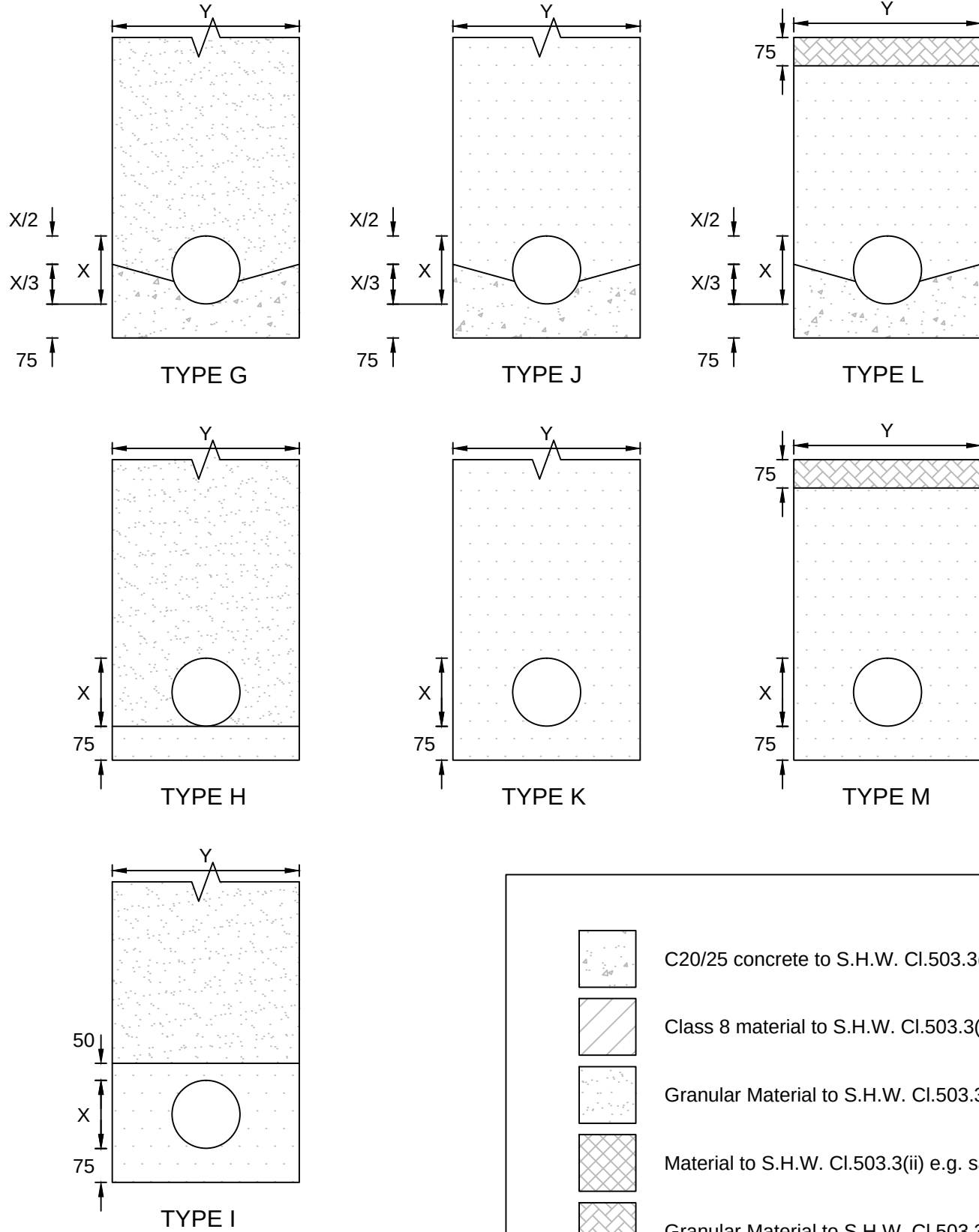
SURFACE WATER DRAINS



NOTES

1. All dimensions are in millimetres.
2. Dimension X is the external diameter of the pipe.
3. The minimum or maximum width of the trench applies on and below a line 300mm above the outside top of the pipe. Above the 300mm line, trench backfill shall be ST1 concrete beneath existing carriageway and class 8 material to S.H.W. CI.503.3 part 4 table 6/1 general backfill class 6F1 and selected backfill in verge with 150mm topsoil.
4. The concrete bed or surround may extend to the sides of the trench or be of minimum width. Class 8 material is to be used to fill any voids formed.
5. For details of the filter drains at surface level, refer to drawing 50xxxxx
6. Pipes shall comply with the requirements for filter drain pipes in table 5/1 of the Specification for Highway Works.
7. Pipes are to be laid with slots or perforations upwards where a concrete bed is used. For other beds the slots shall be orientated as directed by the Engineer.
8. Minimum drain widths to be Y + 300 for drains not exceeding 1.5m cover below finished level, or Y + 450 for drains exceeding 1.5m cover below finished level.

FILTER DRAINS



- C20/25 concrete to S.H.W. CI.503.3(iii)
- Class 8 material to S.H.W. CI.503.3(iv)
- Granular Material to S.H.W. CI.503.3(i)
- Material to S.H.W. CI.503.3(ii) e.g. sand
- Granular Material to S.H.W. CI.503.3(i)
- Type A or C filter material to S.H.W. CI.505 or granular material to S.H.W. CI.503.3(i)

AMENDMENTS	REV	DETAILS	DATE	MADE BY	CHKD BY	Drawn	SOUTH EAST WALES FRAMEWORK STANDARD DETAIL
						Ch'kd	
						Appr'd	
						Date	
Drg No.		SEWFSD/502.05				Scale	Trench and Bedding Details Surface Water and Filter Drain