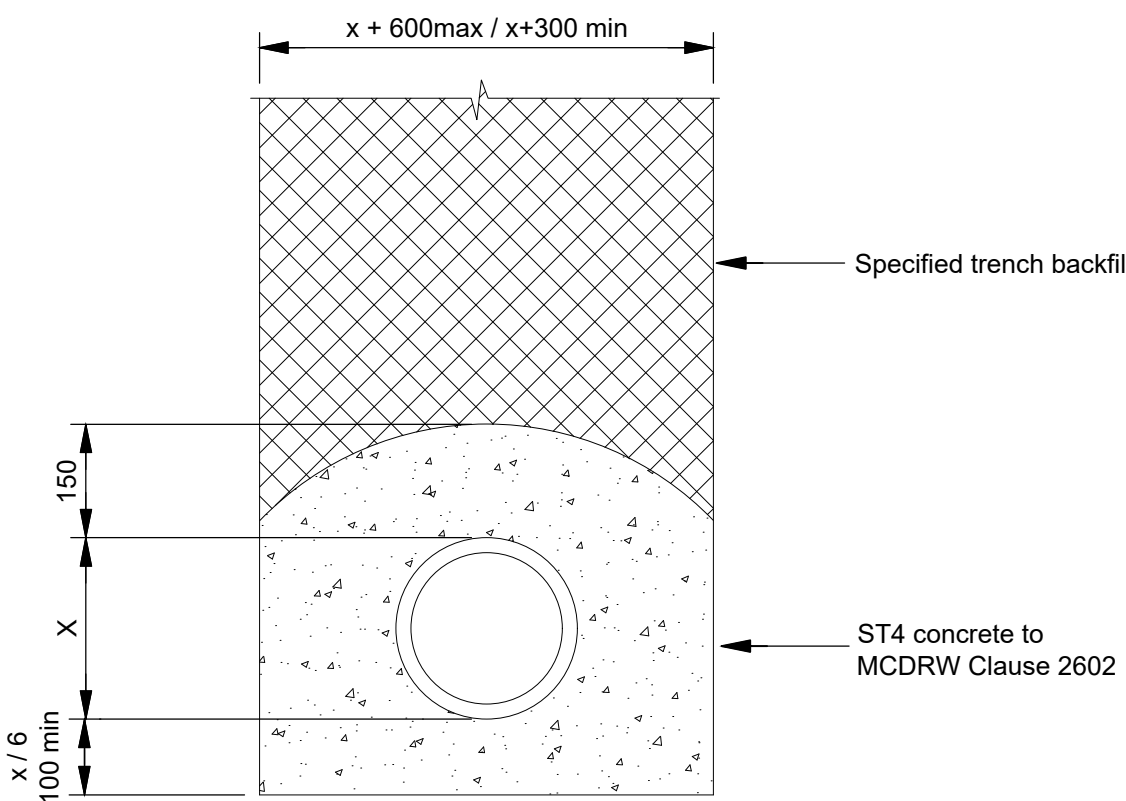


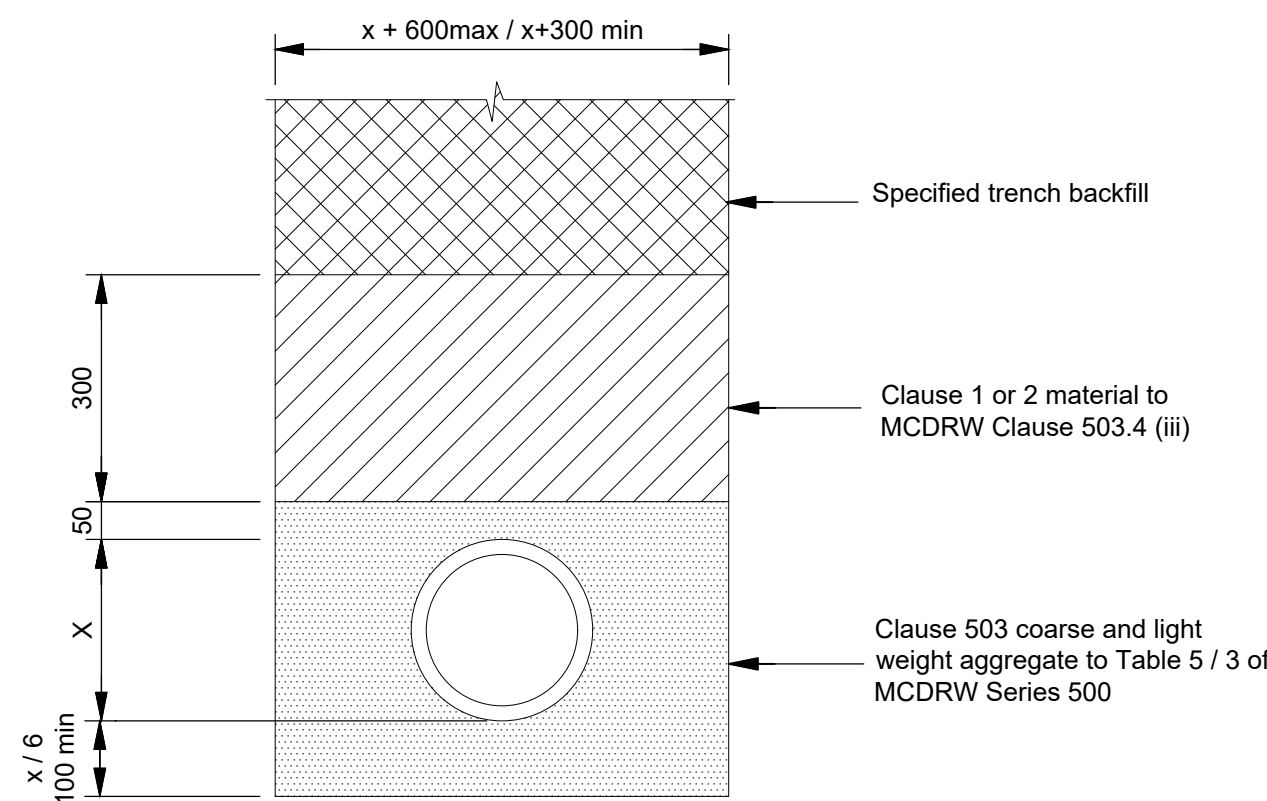
Type B - Granular bedding

1:10



Type Z - Concrete bed and surround

1:10

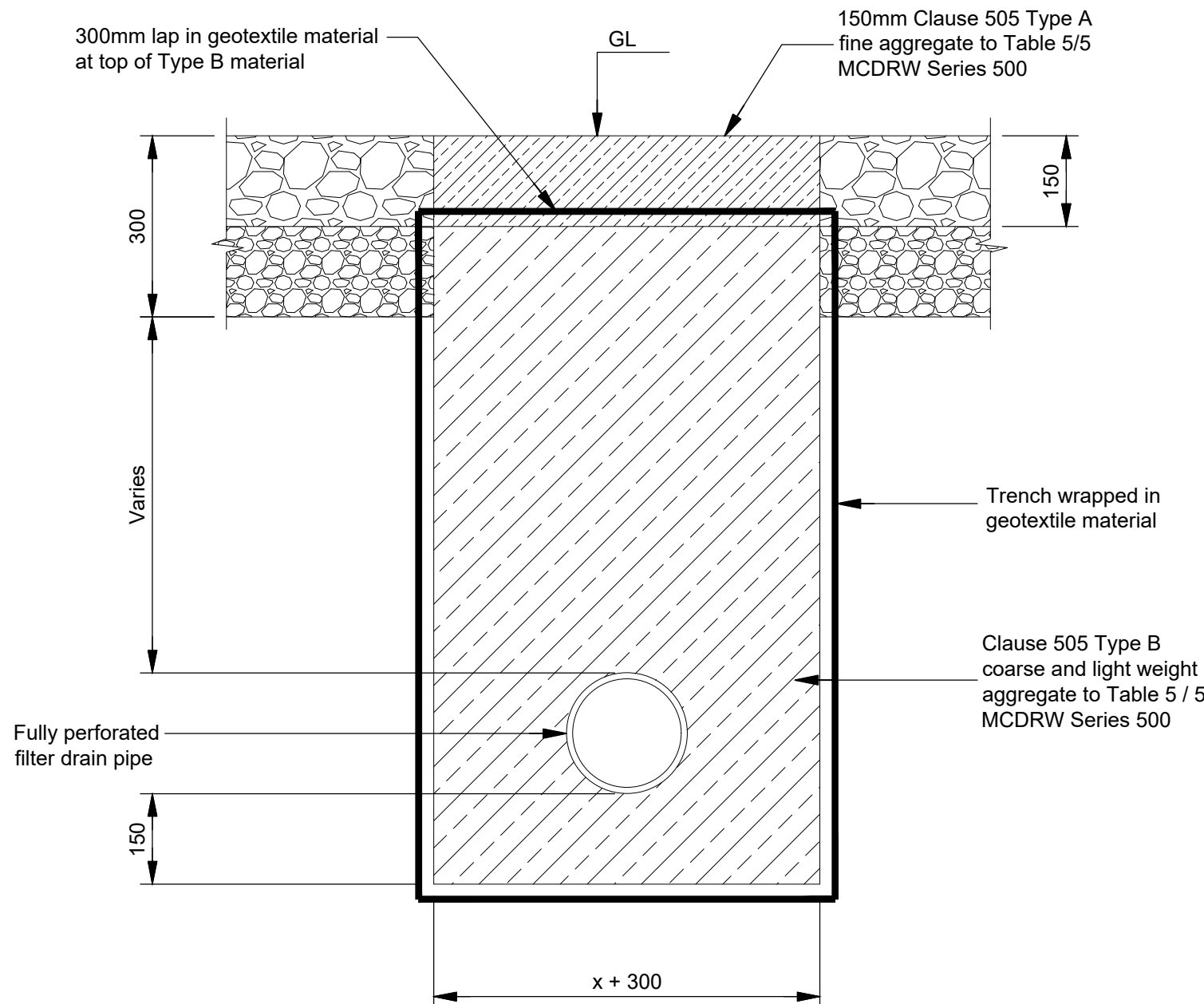


Type S - Granular surround

1:10

Note:

1. Dimension X is the external diameter of the pipe.
2. The minimum and maximum width of trench applies on and below a line of 300mm above the crown of the pipe. Above the 300mm line the trench backfill material shall be as described in Clause 505.2 of MCDRW.
3. The concrete bed or surround may extend to the sides of the trench or be of minimum width. Material to Clause 503.4 (iii) shall be used to fill any voids so formed.
4. For Type Z trench the concrete cover may be formed to a radius batter or horizontal surface. Minimum cover of concrete shall be 150mm.



Note:

1. Dimension X is the external diameter of the pipe.
2. Minimum trench width is X + 300mm for drains not exceeding 1.5m cover below finished ground level. Use X + 450mm for drains exceeding 1.5m cover
3. Max pipe diameter shall be 450mm

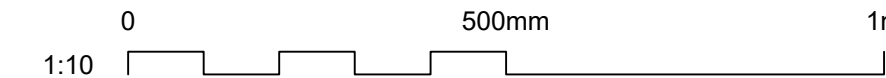
Typical filter drain detail

1:10

Notes

1. For Planning purposes only.
2. This drawing shall be read in conjunction with all other drawings, reports and specifications.
3. Unless otherwise indicated, all dimensions are in metres and all levels are in metres relative to Ordnance datum at Malin Head
4. Do not scale off this drawing. Use figured dimensions only and contact the Clients Representative where any clarification is required.

Key to symbols



Reference drawings

229100591-MMD-01-XX-DR-D-1310 Tonroe Substation - Proposed Drainage Layout
229100591-MMD-01-XX-DR-D-1311 Typical Drainage Details - Sheet 1 of 4
229100591-MMD-01-XX-DR-D-1313 Typical Drainage Details - Sheet 3 of 4
229100591-MMD-01-XX-DR-D-1314 Typical Drainage Details - Sheet 4 of 4

PL1	31/05/2022	SHY	Issued for Planning	PF	DH
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Title
North Connacht 110kV Project

Tonroe 110kV Substation
Typical Drainage Details
Sheet 2 of 4

Designed	P.McWilliams	Eng check	D.Murphy
Drawn	E.Richardson	Coordination	P.Foley
Dwg check	D.Murphy	Approved	D.Hasset

Scale at A1 1:10	Status APR	Rev PL1	Security STD
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Drawing Number
229100591-MMD-01-XX-DR-D-1312