



TABLE 1
LIST OF STANDARD SPECIFICATIONS REFERENCED IN REPORT

DOCUMENT	TITLE
OPSS 120	General Specification for the Use of Explosives
OPSS 422	Construction Specification for Precast Reinforced Concrete Box Culverts and Box Sewers in Open Cut
OPSS 501	Construction Specification for Compacting
OPSS 511	Construction Specification for Rip-Rap, Rock Protection and Granular Sheetting
OPSS 570	Construction Specification for Topsoil
OPSS 571	Construction Specification for Sodding
OPSS 572	Construction Specification for Seed and Cover
OPSS 902	Excavation and Backfilling of Structures
OPSS 1004	Material Specification for Aggregates – Miscellaneous
OPSS 1010	Material Specification for Aggregates, Base, Subbase, Select Subgrade and Backfill Material
OPSS 1860	Material Specification for Geotextiles
SP 105S10	Construction Specification for Compaction
SP 206S03	Construction Specification for Grading
SP 422S01	Construction Specification for Precast Reinforced Concrete Box Culverts and Box Sewers
SP 902S01	Excavation and Backfilling of Structures
SP 999S26	Design, Installation and Testing of Pre-Stressed Anchors in Soil and Rock
OPSD 802.031	Rigid Pipe Bedding, Cover, and Backfill
OPSD 802.034	Rigid Pipe Bedding and Cover in Embankment
OPSD 803.010	Backfill and Cover for Concrete Culverts
OPSD 803.031	Frost Treatment – Pipe Culverts
OPSD 810.010	Rip-Rap Treatment for Sewer and Culvert Outlets
OPSD 3090.101	Foundation Frost Depth for Southern Ontario
OPSD 3121.150	Minimum Granular Backfill Requirements – Retaining Walls

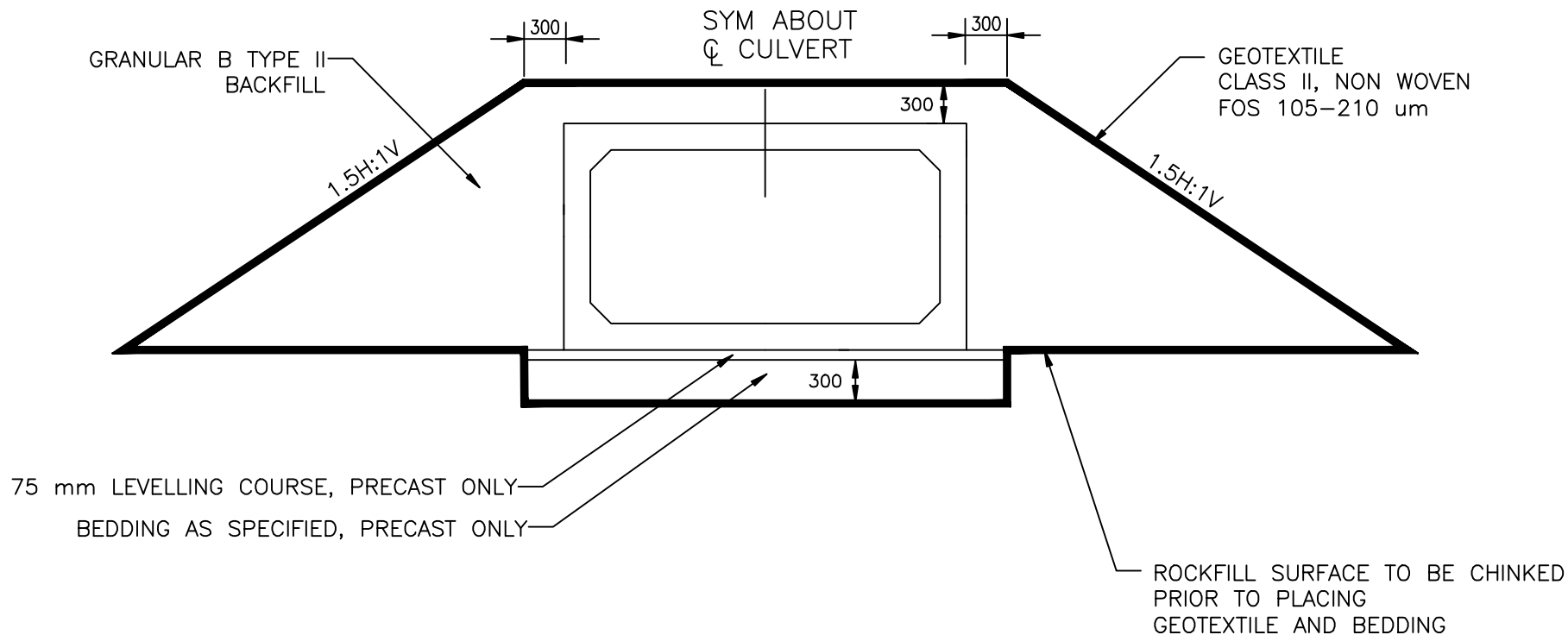


FIGURE 1

**TYPICAL CONCRETE CULVERT WITH
ROCKFILL UNDER AND OVER**

NOTES:

1. Bedding, levelling, and cover material to be granular as specified.
2. Geotextile to conform with OPSS 1860.
3. Frost tapers not required for rockfill.
4. All dimensions are in millimetres unless otherwise shown.

N.T.S.