

ROUTE: _____ DES. NO.: _____ PROJECT NO.: _____

DESCRIPTION: _____

Prepared By: _____ Date: _____ Checked By: _____ Date: _____

GRANULAR FILTER

LAYER	DESCRIPTION	D_{15} (mm)	D_{85} (mm)	RATIO	$D1 = \frac{D_{15}Coarse}{D_{85}Fine}$	$D1 < 5 < D2$?	$D2 = \frac{D_{15}Coarse}{D_{15}Fine}$	$D2 < 40$?
						Yes No		Yes No
						Yes No		Yes No
						Yes No		Yes No
						Yes No		Yes No
						Yes No		Yes No
						Yes No		Yes No
						Yes No		Yes No

SUMMARY

LAYER DESCRIPTION	D_{15} (mm)	D_{85} (mm)	THICKNESS (mm)

FABRIC FILTER

PHYSICAL PROPERTIES CLASS: _____

HYDRAULIC PROPERTIES:

PIPING RESISTANCE < 50% PASSING #200 AOS < 0.6 mm

PIPING RESISTANCE < 50% PASSING #200 AOS < 0.3 mm

PERMEABILITY: SOIL PERMEABILITY < FABRIC PERMEABILITY

SELECTED FILTER FABRIC SPECIFICATIONS: _____

FILTER DESIGN