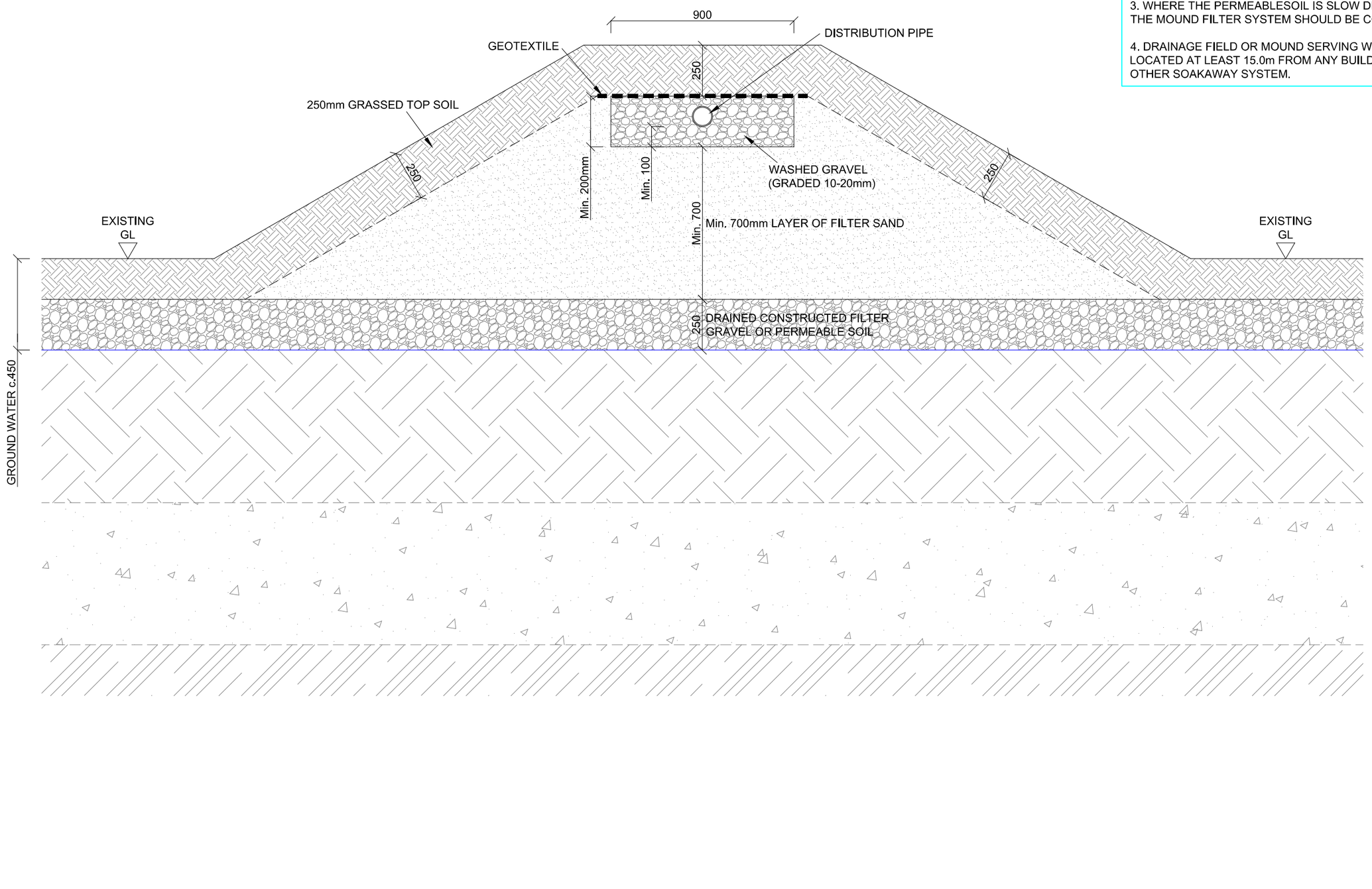
DRAINAGE MOUND DETAILS
(1:20)



NB:
DRAINAGE MOUND CALCULATED FOR 7No. PEOPLE 900mm WIDE TRENCH ARRANGEMENT REQUIRES Min. 19.0m LENGTH OF LENGHT OF PIPE FOR DRAINAGE MOUND ARRANGMENT.

DRAINAGE FIELDS OR MOUNDS MUST ENSURE AEROBIC CONTACT BETWEEN LIQUID EFFLUENT AND THE SUBSOIL. THE MINIMUM DEPTH OF THE PIPES SHOULD BE 500mm BELOW THE SURFACE.

DRAINAGE FIELDS SHOULD BE CONSTRUCTED USING PERFORATED PIPE LAID IN TRENCHES OF UNIFORM GRADIENT THAT IS NOT STEEPER THAN 1:200.

THE PERFORATED PIPES MUST BE LAID ON A 300mm LAYER OF CLEAN SHINGLE OR BROKEN STONE GRADED BETWEEN 20mm AND 50mm.

TRENCHES SHOULD BE FILLED TO A LEVEL 50mm ABOVE THE PIPE AND COVERED WITH A LAYER OF GEOTEXTILE TO PREVENT THE ENTRY OF SILT.

DRAINAGE TRENCHES SHOULD BE FROM 300mm TO 900mm WIDE, WITH AREAS OF UNDISTURBED GROUND 2.00m WIDE BEING MAINTAINED BETWEEN PARALLEL TRENCHES.

AN INSPECTION CHAMBER SHOULD BE INSTALLED BETWEEN THE SEWAGE TREATMENT PLANT / SEPTIC TANK AND DRAINAGE FIELD.

NOTES:

1. TO PROVIDE VENTING TO THE FILTER, THE UPSTREAM ENDS OF THE DISTRIBUTION PIPES MAY BE EXTENDED VERTICALLY ABOVE MOUND LEVEL AND CAPPED WITH A COWL OR GRILLE.

2. SURFACE WATER RUNOFF AND UNCONTAMINATED SEEPAGE FROM THE SURROUNDING SOIL MAY BE CUT OFF BY SHALOW INTERCEPTOR DRAINS AND DIVERTED AWAY FROM THE MOUND. THERE MUST BE NO SEEPAGE OF WASTEWATER TO SUCH AN NTERCEPORT DRAIN.

3. WHERE THE PERMEABLESOIL IS SLOW DRAINING AND OVERLAID ON AN IMPERVIOUS LAYER THE MOUND FILTER SYSTEM SHOULD BE CONSTRUCTED ON A GENTLY SLOPING SITE.

4. DRAINAGE FIELD OR MOUND SERVING WASTEWATER TREATMENT PLANT SHOULD BE LOCATED AT LEAST 15.0m FROM ANY BUILDING AND SUFFICIENTLY FAR AWAY FROM ANY OTHER SOAKAWAY SYSTEM.

NB:
EXISTING GROUND CONDITIONS TAKEN FROM SABADRA GROUND INVESTIGATION BORE HOLE LOG

General Construction Notes:

All calculations / drawings are to be read in conjunction with all other engineering and architectural drawings.

Do not scale from drawings. any discrepancies between drawings of different scales and between drawings and specifications where appropriate to be brought to the attention of the engineer for clarification or rectification.

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Rev	Date	Description
A	09.02.24	INITIAL STRUCTURAL ARRANGEMENT ADDED

Client
MR A SALIBA

Job Title
FOUR ACRES,
DUNT LANE,
HURST

Drawing Title
DRAINAGE MOUND DETAILS

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Scale	Date	Drawn
1:50 @ A2	FEB '24	DW

Dwg No.	Checked	Rev
15906-12		A