LEGEND

GROUNDWATER MITIGATION TRENCH (FRENCH DRAIN). REQUIREMENT TBC FOLLOWING OVER-WINTER GROUNDWATER MONITORING PERIOD).

LAND DRAINAGE CONVEYANCE PIPE. REQUIREMENT TBC FOLLOWING OVER-WINTER GROUNDWATER MONITORING PERIOD).

WINDOW SAMPLE LOCATIONS FOR OVER-WINTER GROUNDWATER MONITORING.

GLENVIEW ROAD

A646 NEW ROAD (30MPH PROP)

S278 BOUNDARY

237.0m

234.1m

240.0m

GP

GG

SS

LAND DRAINAGE CONVEYANCE PIPE (150mmØ TBC FOLLOWING OVER-WINTER GROUNDWATER MONITORING PERIOD)

IL234.40

DRAIN TO CONNECT TO EXISTING 600mmØ OUTFALL STRUCTURE

IL234.15

ALTHON HEADWALL TYPE H4C (OR OTHER APPROVED)

15m STANDOFF ZONES FROM CENTRE OF SEPTIC TANK - NO HABITABLE DWELLING WITHIN THIS ZONE

EXISTING SEPTIC TANKS TO REMAIN IN CURRENT POSITION, MANAGED AND MAINTAINED BY RELEVANT HOMEOWNERS

DENOTES POSSIBLE RETAINING WALL. SEE EXTERNAL WORKS FOR FULL DETAILS

R15.00

GROUND WATER MONITORING WS-D

CATCHPIT MANHOLE IL235.75

CATCHPIT MANHOLE IL236.00

GROUNDWATER MITIGATION TRENCH - 600mmØ WIDE GRANULAR GROUNDWATER INTERCEPTION DRAIN (FRENCH DRAIN)

PERMANENT 300mm OF WATER BASIN BED LEVEL 236.200m

SPECIAL HEADWALL WITH 2 x 300mm EMERGENCY OVERFLOW PIPES SET ABOVE THE 100 YEAR TWL. IL=237.80m

ALTHON HEADWALL TYPE H10C B (OR OTHER APPROVED)

GROUND WATER MONITORING WS-C

GROUND WATER MONITORING WS-E

MINIMUM TOP OF BASIN GROUND LEVEL = 238.400m

MAXIMUM PREDICTED WATER LEVEL FOR THE 1 IN 100 YEAR + 50% CC EVENT +10% URBANC CREEP ALLOWANCE = 237.705m

ATTENUATION BASIN DESIGNED TO CATER FOR 1 IN 100 YEAR + 50%CC EVENT SIDE SLOPES AT 1 IN 3 & 1 IN 4

BASIN BED LEVEL = 236.500m

1 IN 30 YEAR STORAGE. PREDICTED TOP WATER LEVEL FOR 30 YEAR = 237.390m

1 IN 100 YEAR STORAGE. PREDICTED TOP WATER LEVEL FOR 30 YEAR = 237.705m

GROUND WATER MONITORING WS-B

GROUND WATER MONITORING WS-A

3.0m EASEMENT

4.0m EASEMENT

REFER TO EXTERNAL WORKS DRAWINGS FOR PROPOSED SLOPE INFORMATION & LEVELS

FOR DISCUSSION PURPOSES ONLY - NOT FOR CONSTRUCTION

rev	Revision details	Date

Drawing Stage		Drawing Status		
	Draft		Comments	Tender
○	Issued		Information	Construction
		○	Approval	As Built

Client

PROSPECT HOMES LIMITED

Job title

HOLLINS CROSS FARM BURNLEY

Drawing title

GROUND WATER MITIGATION PLAN

REFA

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CONSULTING ENGINEERS
CIVIL• STRUCTURAL
GEOTECHNICAL•ENVIRONMENTAL

Date	Scale	Drawn
13.10.23	1:500	RF

DRAWING No 21061/SK1/1 Rev

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A2 SHEET