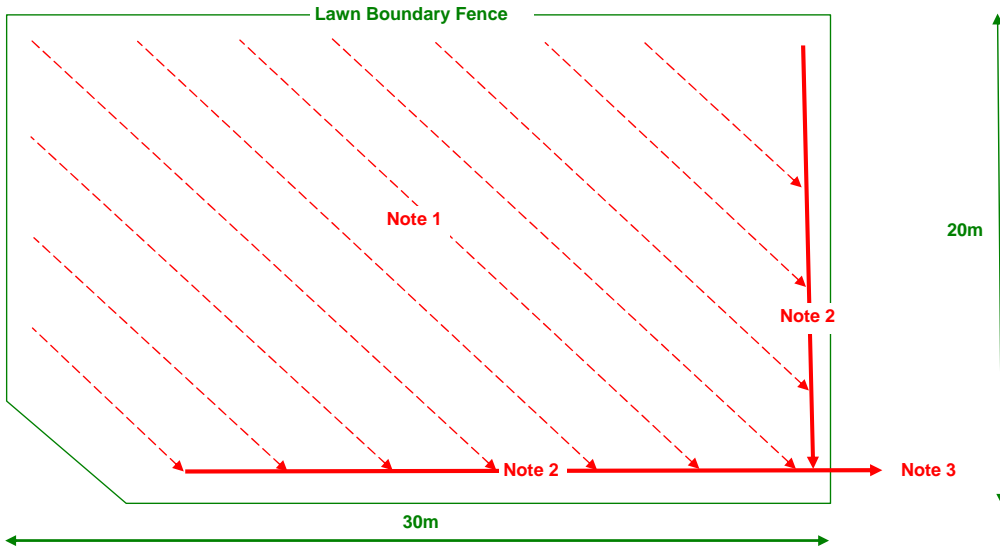


# Dundonald Croquet Club 2008: Drainage Proposals

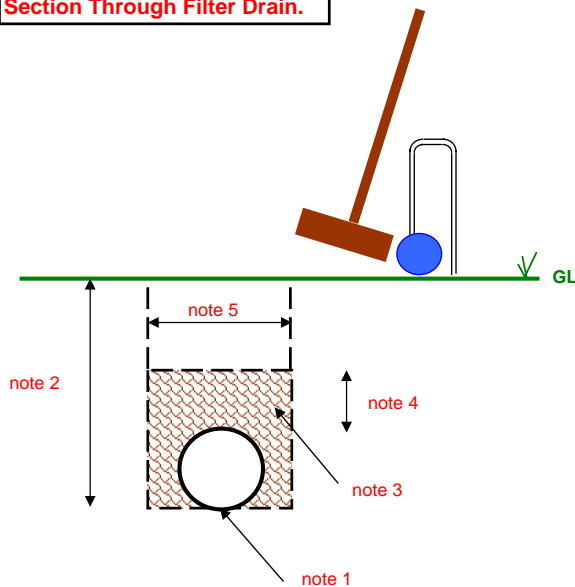
## Drainage Layout



### GENERAL NOTES:

1. Lateral pipes layed at 45degrees across general gradient of lawn at 3 metre centres.
2. Lateral pipes connected to 2No. 150mm perforated plastic outfall pipes at low point of lawn.
3. Drainage outfall to south east corner of lawn.
4. Gradients to be agreed on-site depending on local ground conditions.

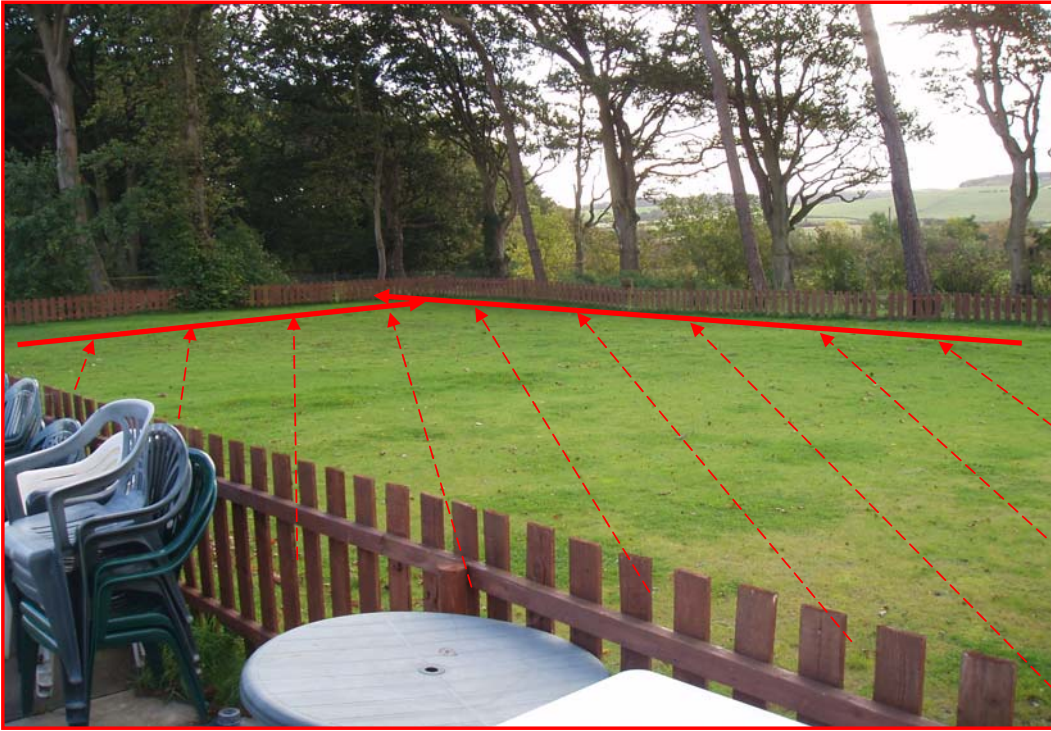
## Section Through Filter Drain.



Schedule of Materials	Quantity	Cost
100mm diameter HDPE pipe (perforated)	200m	
200mm diameter HDPE pipe (perforated)	50m	
Y' junctions 100mm to 200mm	10No.	
Y' junction 200mm to 200mm	1No.	
30 to 40mm round gravel .	27.5T	
Grass seed	600m <sup>2</sup>	

### NOTES:

1. Lateral pipes to be perforated plastic, 100mm diameter.
2. Depth of pipes minimum 600mm to invert.
3. Gravel filter to be 30 - 40 mm round gravel or similar approved.
4. Minimum 100mm cover to pipe.
5. Machine operator to excavate to minimum width to minimise gravel usage.



**Drainage Layout**



**Lawn and Clubhouse**





**Area of standing water**



**Access Road Flooded**