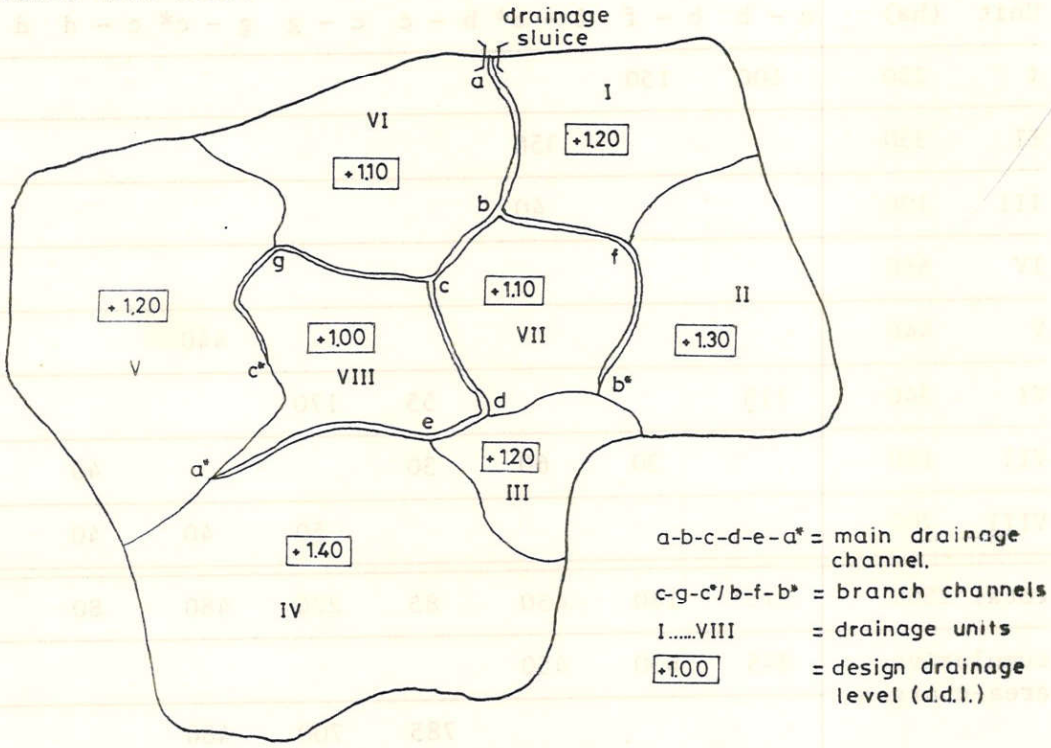
ANNEX V - 3 CALCULATION OF BACKWATER CURVE IN THE MAIN DRAINAGE CHANNEL

Given the polder situation as presented in Figure V - 2.1 as repeated here below



Total polder area : 2500 ha

drainage modules : 30 mm

Drainage flow during discharge period T : Q_{max} = 17,36 m^3/s

(see paragraph 4.2.4). Q_{av} = 14,8 m^3/s

Drainage channel to be checked on maximum flow condition during design drainage level in the channel (highest-discharge-at-lowest-water-level combination).

The area of the polder is subdivided in units which will drain their excess water to the main drainage channel a* - e - d - c - b - a, b* - f - b and c* - g - c.

In the following review it is tabulated which area will drain to