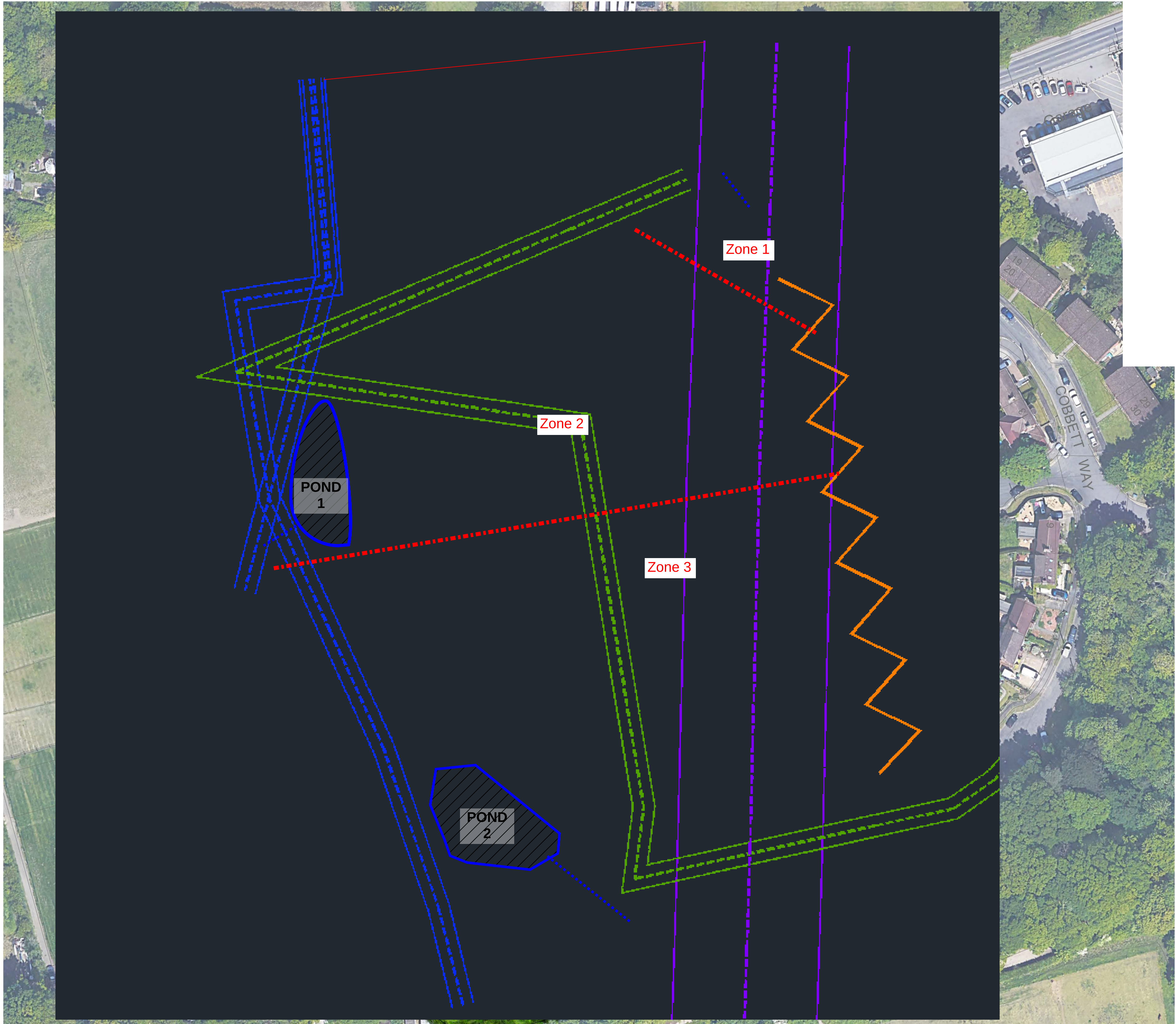




Drainage Parameters:

Greenfield Runoff Rate - 14.7l/s
Total Attenuation req - c1100m3

Due to levels we would look to split the site into three zones as shown opposite.

Zone 1 - Small area immediately surrounding entrance road. Discharge into culvert. Attenuation in the form of oversized pipes.

Zone 2 - c40% of site. Discharge into the adjacent ditch. Attenuation in the form of a detention basin.

Zone 3 - c50% of the site. Discharge into the adjacent stream. Attenuation in the form of a detention basin.

Use of permeable paving in private parking areas and courtyards could reduce the attenuation requirements.

Risks -

1. Unable to locate stream to the south of the site, alternative discharge point of SW sewer in south of the site
2. Zone 1 will outfall into a surcharged discharge point. Additional attenuation may be required for this

PROJECT:

Broad Oak
Botley
Hampshire

TITLE:

Drainage Assumptions

CLIENT:

The trustees of The Mulberry Investment
Pension Scheme

SCALE @

N/A

PROJECT REF:

23233

DRAWING No:
SK-500

REV:

P1

Revision Referencing

P = Preliminary A = Approval T = Tender C = Construction

Jubb