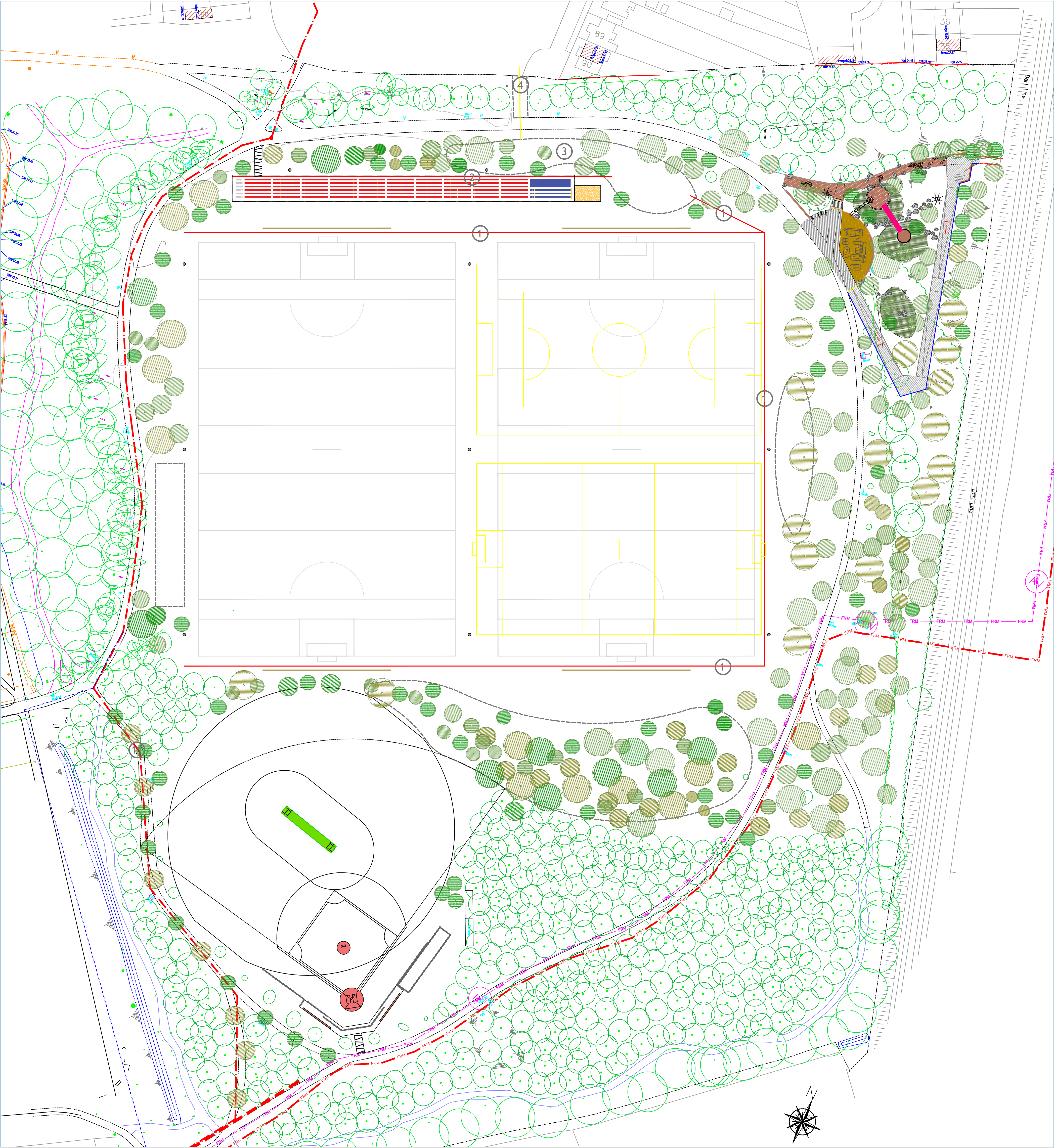




LEGEND:

- 1. PITCH PRIMARY DRAINAGE SYSTEM CONSISTING OF 225MM PERFORATED PIPES (AREA 7200 SQ. M)
- 2. TRACK PRIMARY DRAINAGE SYSTEM CONSISTING OF 150MM PERFORATED PIPE (AREA 1300 SQ. M)
- 3. BIO-RETENTION AREA (VOLUME APPROX.100 CU. M)
- 4. OUTFALL FROM ATTENUATION AREA WITH HYDRO-BREAK

NOTE:

Slit drains and perforated lateral drains will be installed across the pitches and directed to a bio-retention area via collector drains (primary drainage system) that will be installed around the perimeter of the pitch. Further minor drainage will take place at the cricket/baseball field as required, the sprint track and at the bottom of any steep slopes. The attenuation system will be an above ground bio-retention pond is to be located along the northern boundary of the pitches and will be designed so that attenuation will be provided for the 1.0% AEP (1:100 year) storm event. The attenuation system outflow will be controlled by a hydrobrake connected to the existing surface water drainage system with the outflow restricted to 2l/s/ha or Qbar, whichever is the greater, in accordance with the Greater Dublin Strategic Drainage Strategy

(GDSDS). The exact size of attenuation system will be determined by a drainage engineer following further geotechnical site investigation and will be subject to the agreement of the Water & Drainage Section.