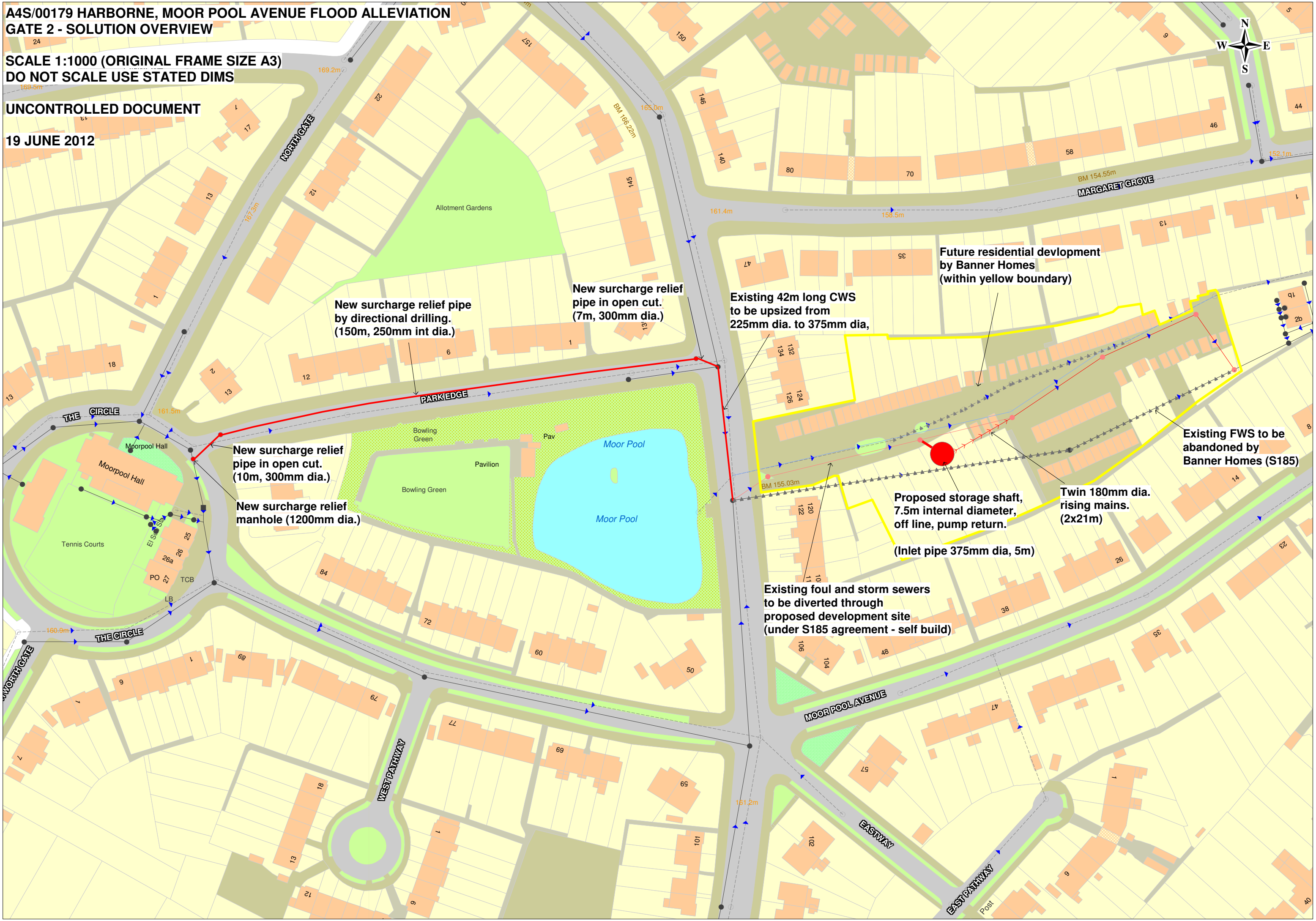


**A4S/00179 HARBORNE, MOOR POOL AVENUE FLOOD ALLEVIATION
GATE 2 - SOLUTION OVERVIEW**

**SCALE 1:1000 (ORIGINAL FRAME SIZE A3)
DO NOT SCALE USE STATED DIMS**

UNCONTROLLED DOCUMENT

19 JUNE 2012



New surcharge relief pipe by directional drilling. (150m, 250mm int dia.)

New surcharge relief pipe in open cut. (7m, 300mm dia.)

Existing 42m long CWS to be upsized from 225mm dia. to 375mm dia.

Future residential development by Banner Homes (within yellow boundary)

New surcharge relief pipe in open cut. (10m, 300mm dia.)

New surcharge relief manhole (1200mm dia.)

Proposed storage shaft, 7.5m internal diameter, off line, pump return. (Inlet pipe 375mm dia, 5m)

Twin 180mm dia. rising mains. (2x21m)

Existing FWS to be abandoned by Banner Homes (S185)

Existing foul and storm sewers to be diverted through proposed development site (under S185 agreement - self build)