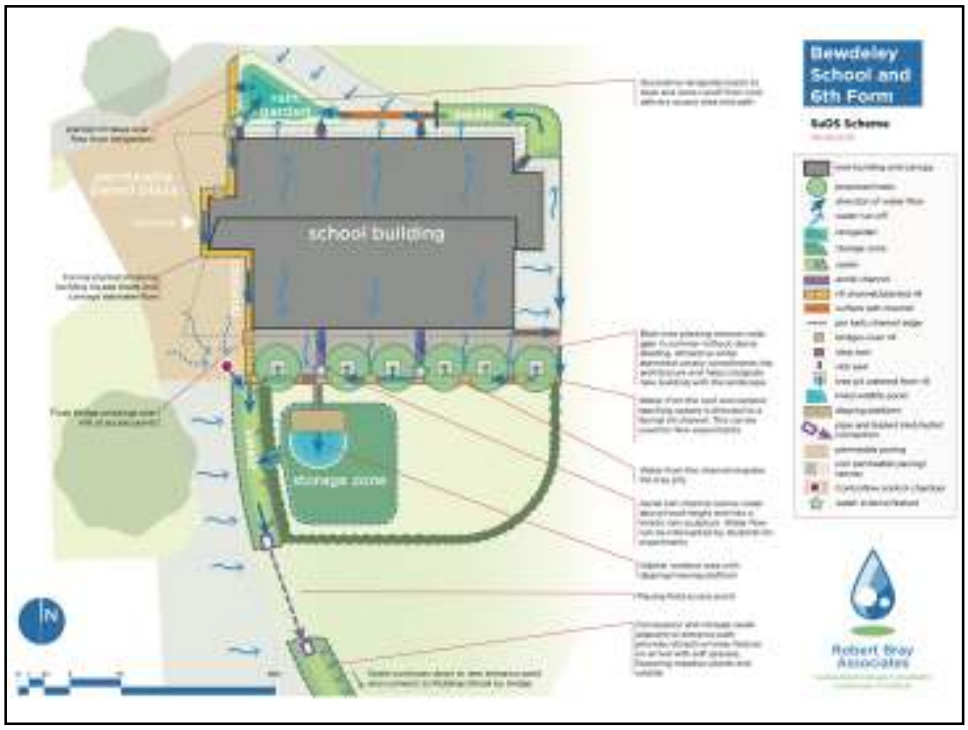
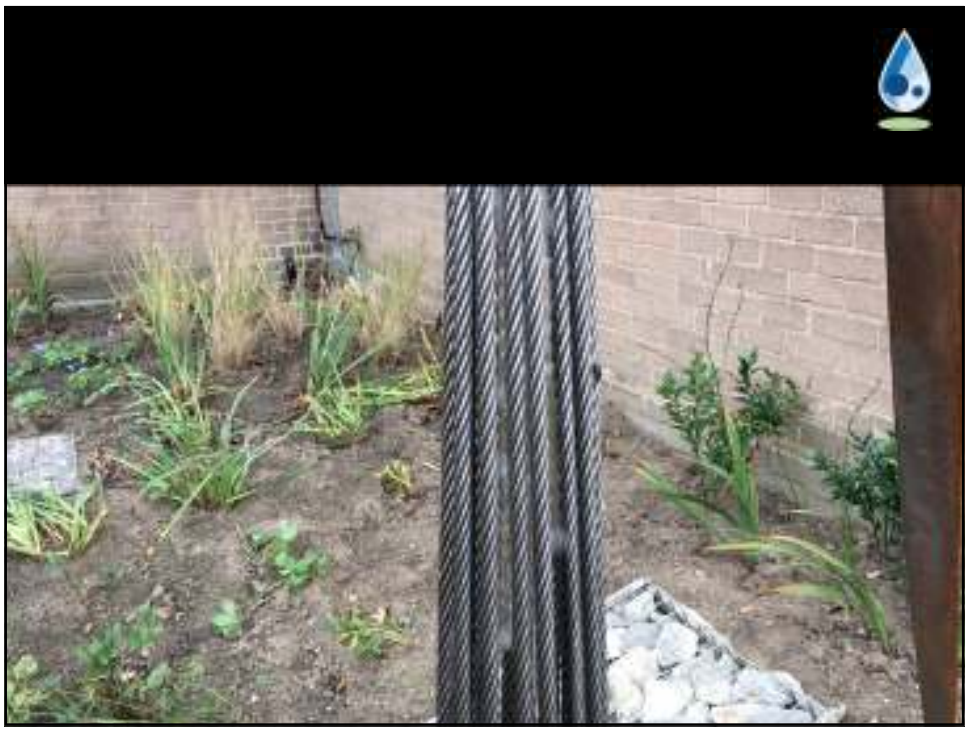
Robert Bray Associates
having fun with SuDS design
Embracing challenge and seizing opportunity
Kevin Barton
SuDS Designer & Landscape Architect at Robert Bray Associates
@ikevinbarton

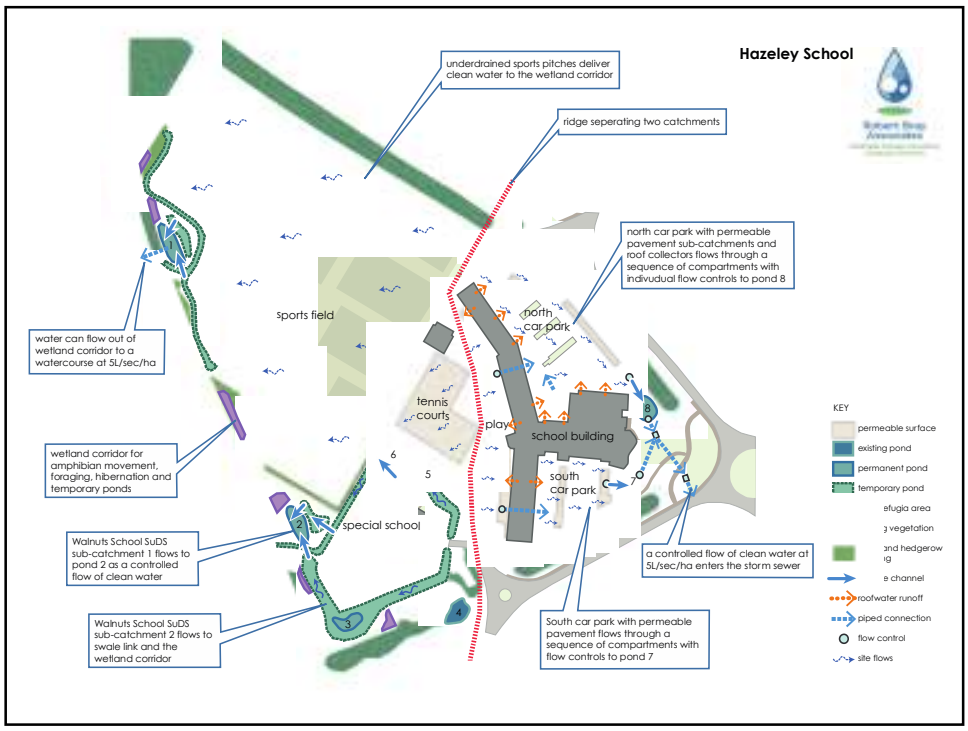

Bewdeley School and 6th Form
SuDS Scheme
school building
storage zone
Robert Bray Associates

before



Measham
Leisure Centre
Puddle Ducks Creche
Measham Leisure Centre
before

Measham
Leisure Centre
after


Hazeley School
underdrained sports pitches deliver clean water to the wetland corridor
ridge seperating two catchments
north car park with permeable pavement sub-catchments and roof collectors flows through a sequence of compartments with indivudual flow controls to pond 8
water can flow out of wetland corridor to a watercourse at 5L/sec/ha
sports field
north car park
tennis courts
play
school building
south car park
special school
wetland corridor for amphibian movement, foraging, hibernation and temporary ponds
Walnuts School SuDS sub-catchment 1 flows to pond 2 as a controlled flow of clean water
Walnuts School SuDS sub-catchment 2 flows to swale link and the wetland corridor
a controlled flow of clean water at 5L/sec/ha enters the storm sewer
South car park with permeable pavement flows through a sequence of compartments with flow controls to pond 7
KEY
permeable surface
existing pond
permanent pond
temporary pond
roofwater runoff
piped connection
flow control
site flows

THE HAZELEY

newtopia

before

PRIORY ROAD

after

Thank you

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