

**Barton under Needwood Parish Council  
Barton Flood Risk Group**

Barton Brook - Surface water flooding 16-02-20.  
Park Road

Plan BB-01 Drawn E Sharkey - 02-03-20

Tel: 01283713124 Mob: 07973151820

No. 29 Park Road - overland flow down road nearly crested road kerb and would then have flooded garage

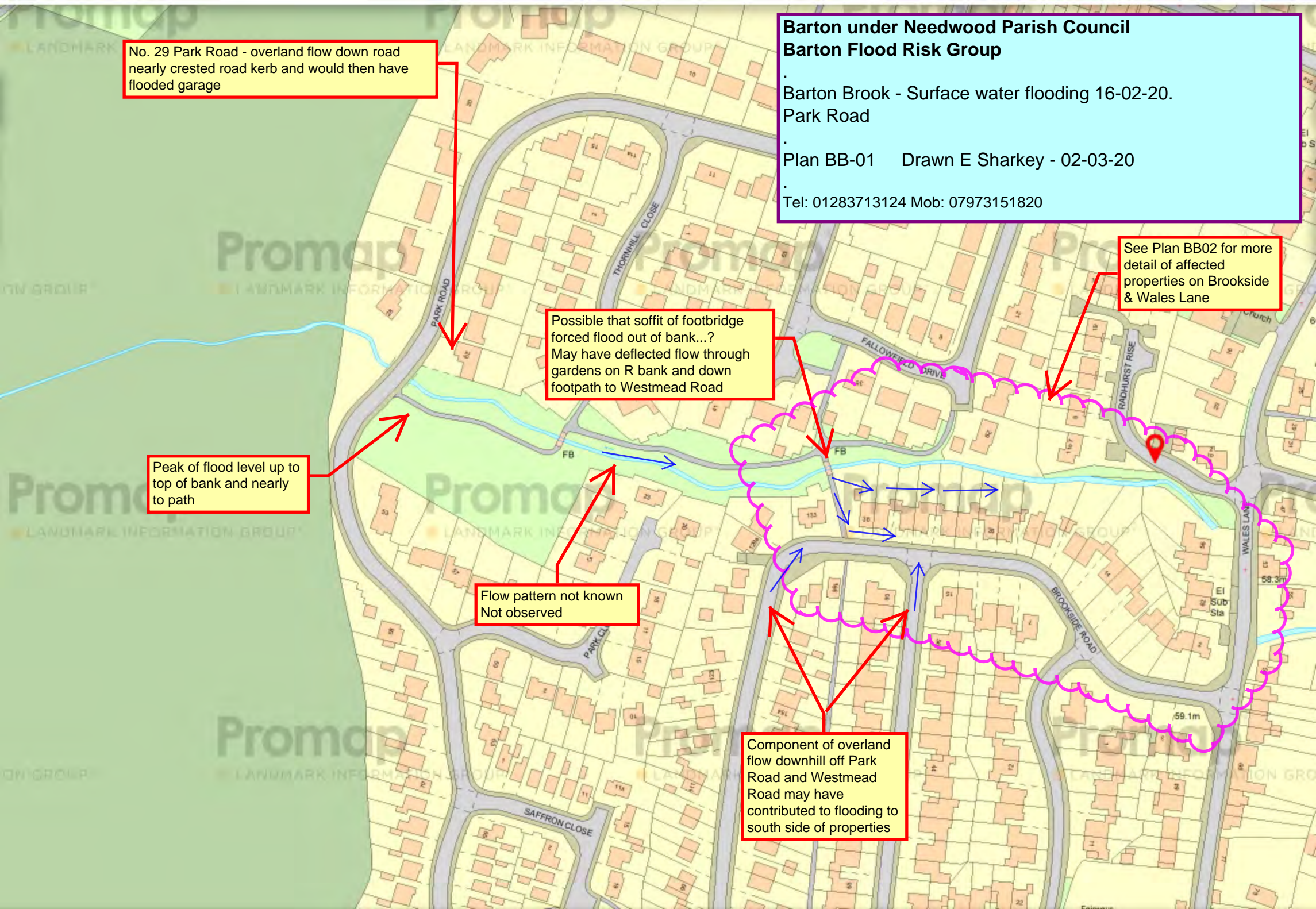
Possible that soffit of footbridge forced flood out of bank...?  
May have deflected flow through gardens on R bank and down footpath to Westmead Road

See Plan BB02 for more detail of affected properties on Brookside & Wales Lane

Peak of flood level up to top of bank and nearly to path

Flow pattern not known  
Not observed

Component of overland flow downhill off Park Road and Westmead Road may have contributed to flooding to south side of properties





Possible that soffit of footbridge forced flood out of bank...?  
May have deflected flow through gardens on R bank and down footpath to Westmead Road

Garden fence panels blown out by flow.

Bench flooded to seat level - 450mm?

Approx limit of flooded road

Garden fence panels and front gate blown out by flow.

Component of overland flow downhill off Park Road and Westmead Road may have contributed to flooding to south side of properties





No.s 28 - 38 Flooded to front and back.  
No. 38 has owned property since it was built in 1961 and it has never flooded before

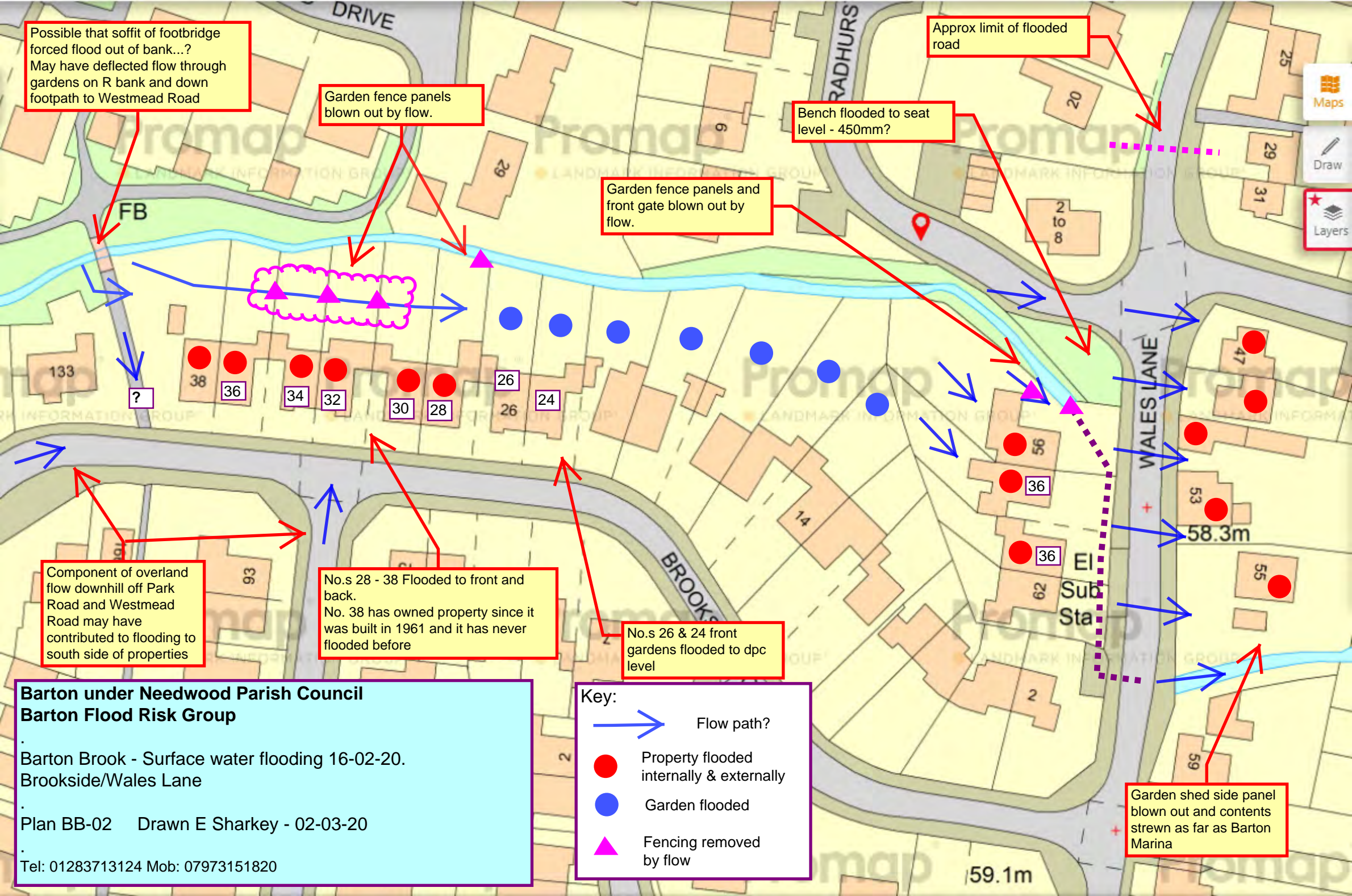
No.s 26 & 24 front gardens flooded to dpc level

Garden shed side panel blown out and contents strewn as far as Barton Marina

**Barton under Needwood Parish Council**  
**Barton Flood Risk Group**  
Barton Brook - Surface water flooding 16-02-20.  
Brookside/Wales Lane  
Plan BB-02 Drawn E Sharkey - 02-03-20  
Tel: 01283713124 Mob: 07973151820

**Key:**

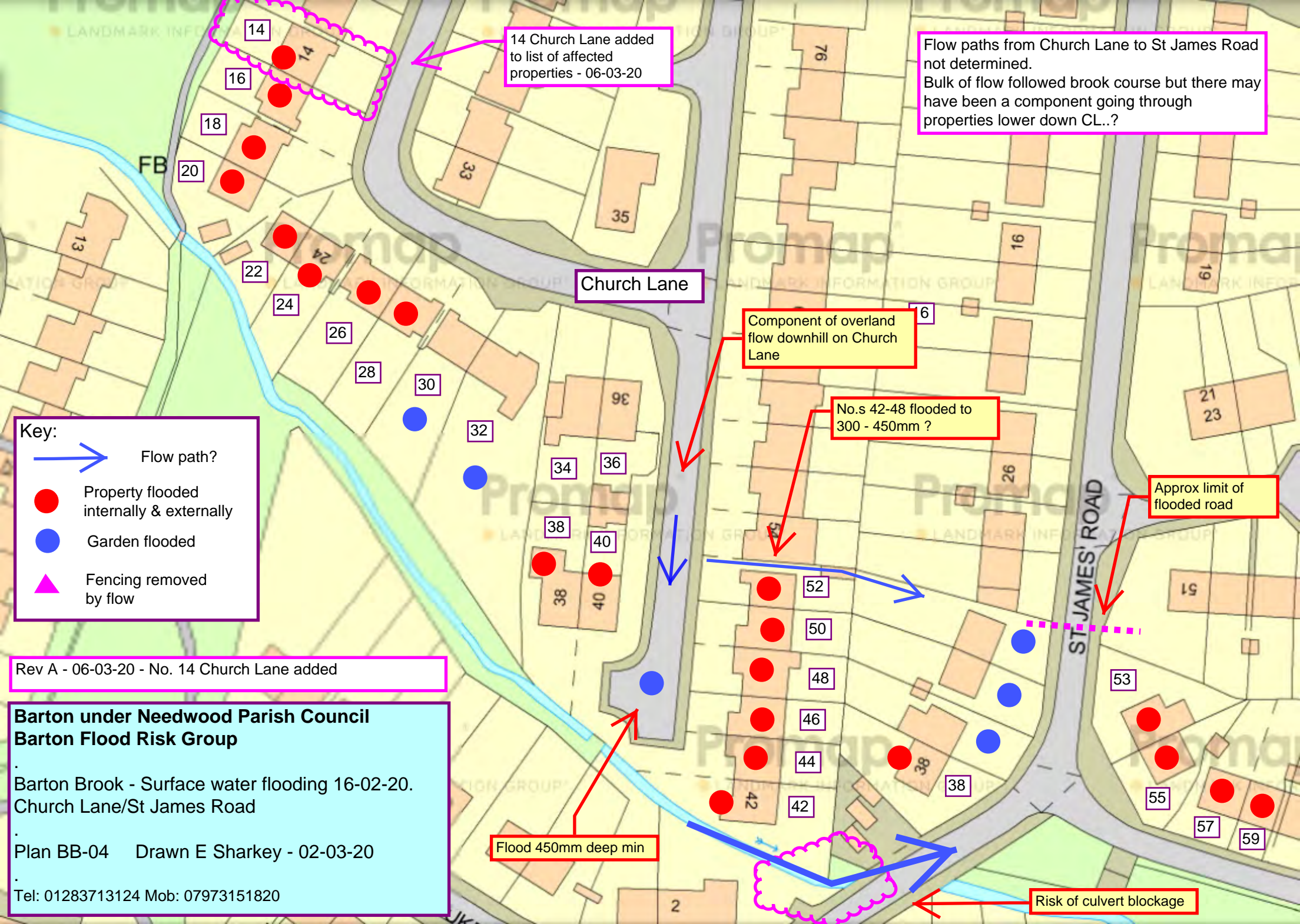
-  Flow path?
-  Property flooded internally & externally
-  Garden flooded
-  Fencing removed by flow











14 Church Lane added to list of affected properties - 06-03-20

Flow paths from Church Lane to St James Road not determined. Bulk of flow followed brook course but there may have been a component going through properties lower down CL..?

Component of overland flow downhill on Church Lane





No.s 42-48 flooded to 300 - 450mm ?

Approx limit of flooded road

Flood 450mm deep min

Risk of culvert blockage

**Key:**

-  Flow path?
-  Property flooded internally & externally
-  Garden flooded
-  Fencing removed by flow

Rev A - 06-03-20 - No. 14 Church Lane added

**Barton under Needwood Parish Council  
Barton Flood Risk Group**

Barton Brook - Surface water flooding 16-02-20.  
Church Lane/St James Road

Plan BB-04 Drawn E Sharkey - 02-03-20

Tel: 01283713124 Mob: 07973151820







**Barton under Needwood Parish Council  
Barton Flood Risk Group**

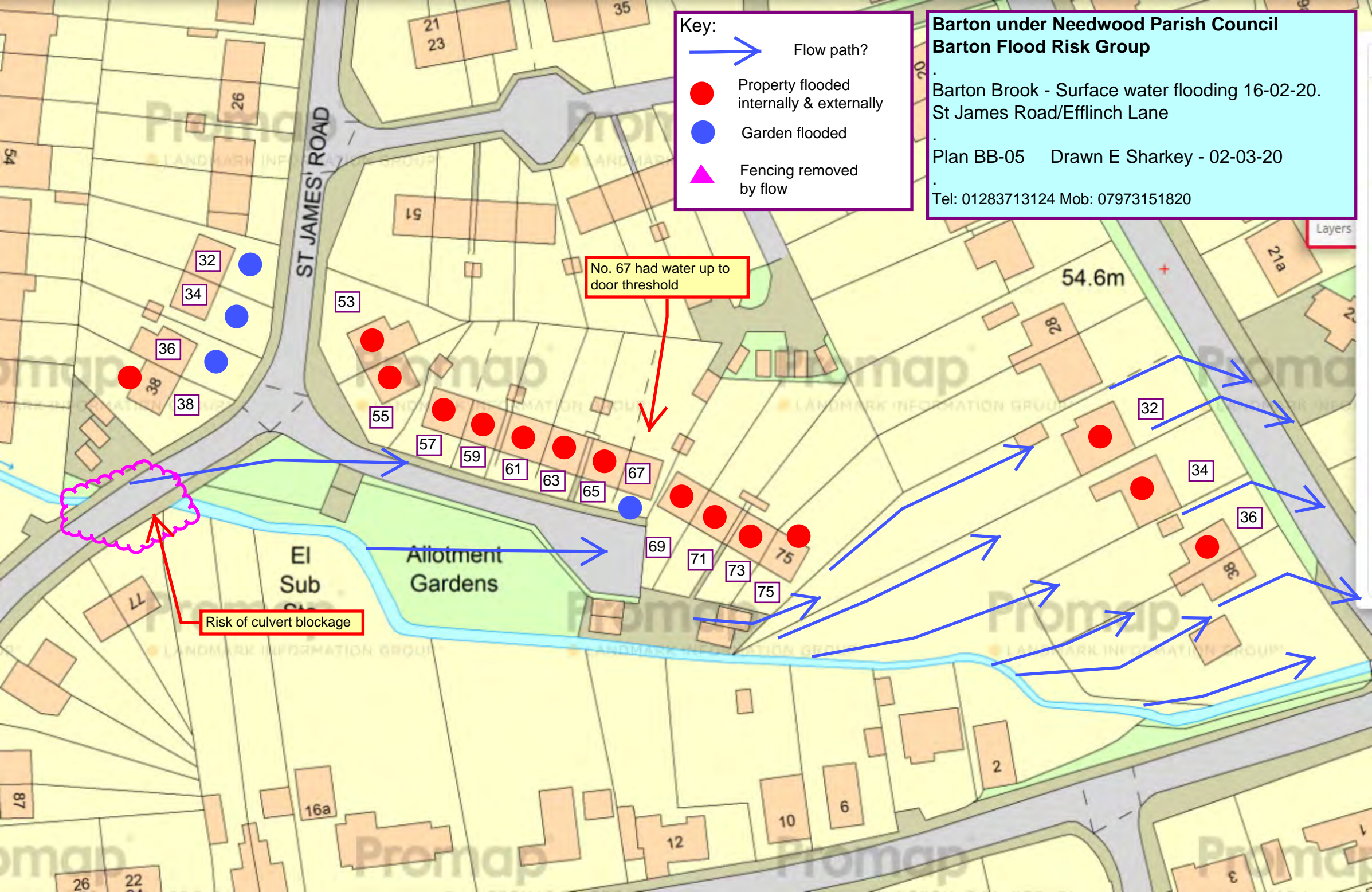
Barton Brook - Surface water flooding 16-02-20.  
St James Road/Efflinch Lane

Plan BB-05 Drawn E Sharkey - 02-03-20

Tel: 01283713124 Mob: 07973151820

**Key:**

-  Flow path?
-  Property flooded internally & externally
-  Garden flooded
-  Fencing removed by flow



No. 67 had water up to door threshold

Risk of culvert blockage

Allotment Gardens

54.6m



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**Key:**

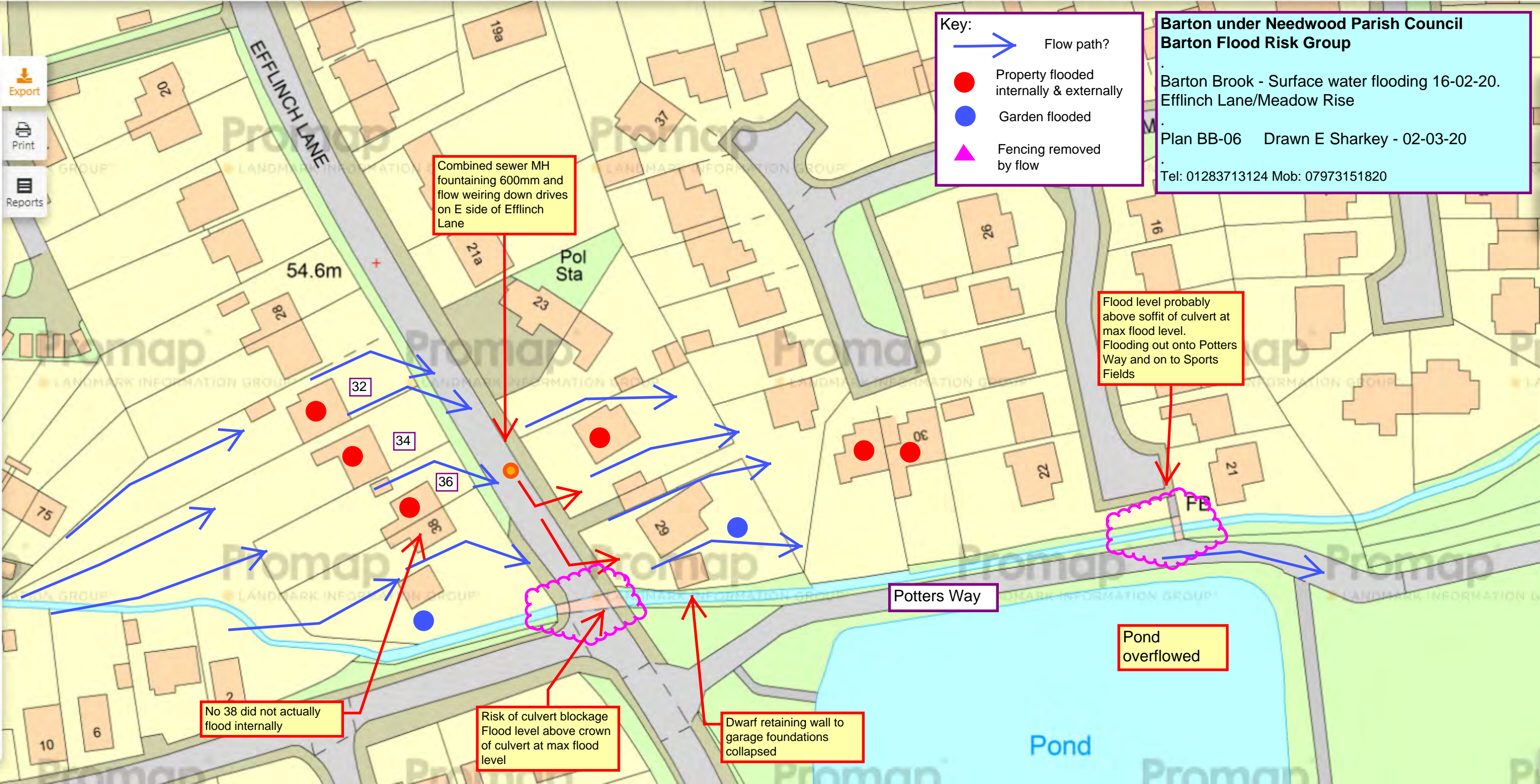
- Flow path?
- Property flooded internally & externally
- Garden flooded
- Fencing removed by flow

**Barton under Needwood Parish Council  
Barton Flood Risk Group**

Barton Brook - Surface water flooding 16-02-20.  
Efflinch Lane/Meadow Rise

Plan BB-06 Drawn E Sharkey - 02-03-20

Tel: 01283713124 Mob: 07973151820



Combined sewer MH fountaining 600mm and flow weiring down drives on E side of Efflinch Lane

Flood level probably above soffit of culvert at max flood level. Flooding out onto Potters Way and on to Sports Fields

Pond overflowed

Risk of culvert blockage Flood level above crown of culvert at max flood level

Dwarf retaining wall to garage foundations collapsed

No 38 did not actually flood internally

Potters Way

Pond

EFFLINCH LANE

54.6m

Pol Sta

32

34

36

38

29

30

22

21

FB

75

10

6

2

108a

37

26

16

21a

23

16

21



**Barton under Needwood Parish Council  
Barton Flood Risk Group**

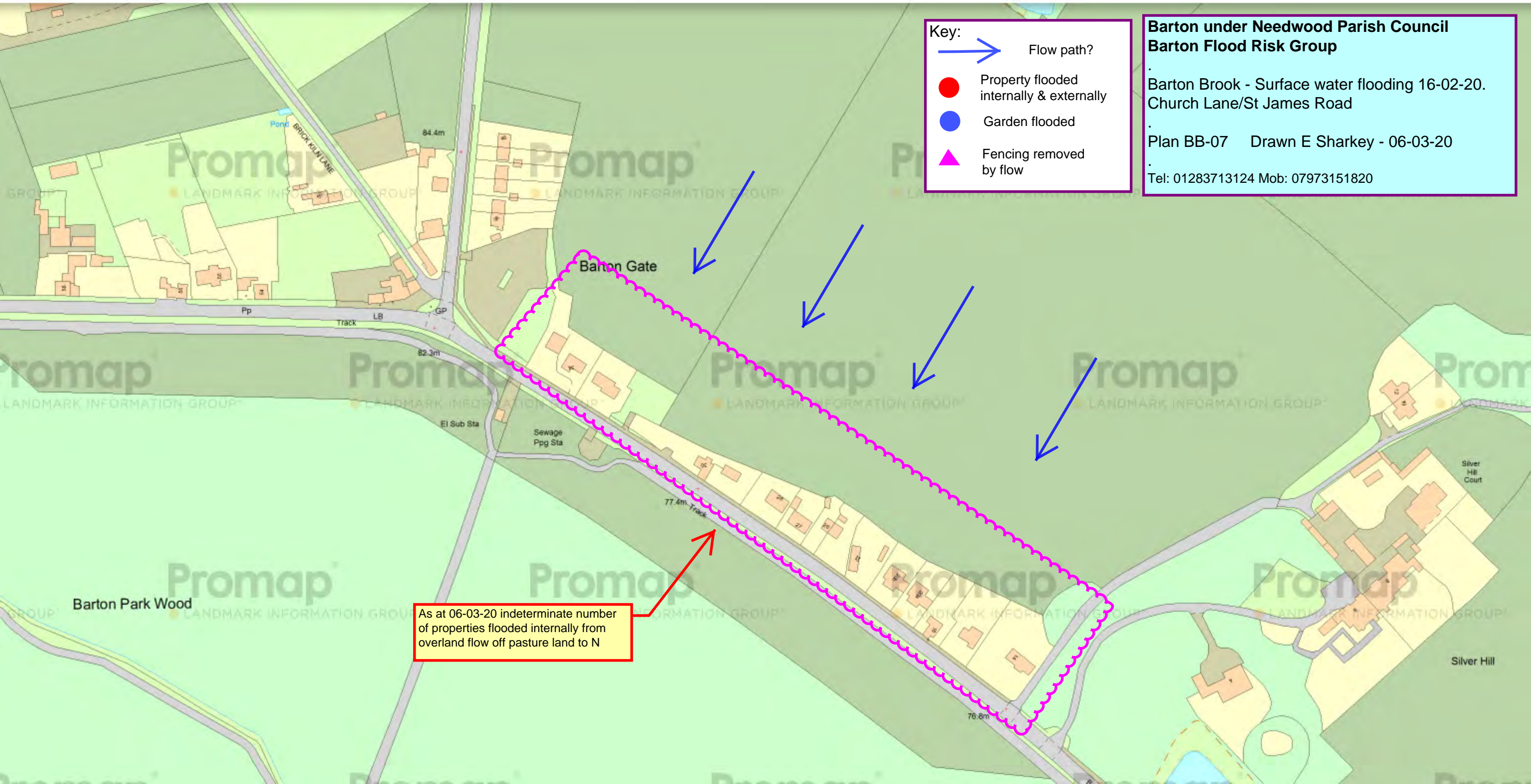
Barton Brook - Surface water flooding 16-02-20.  
Church Lane/St James Road

Plan BB-07 Drawn E Sharkey - 06-03-20

Tel: 01283713124 Mob: 07973151820

**Key:**

- Flow path?
- Property flooded internally & externally
- Garden flooded
- ▲ Fencing removed by flow



As at 06-03-20 indeterminate number of properties flooded internally from overland flow off pasture land to N



**Barton under Needwood Parish Council  
Barton Flood Risk Group**

Barton Brook - Surface water flooding 16-02-20.  
Barton Brook and Full Brook Catchments

Plan BB-A Drawn E Sharkey - 02-03-20

Tel: 01283713124 Mob: 07973151820

Approx Barton Brook  
Catchment

Approx Full Brook  
Catchment

