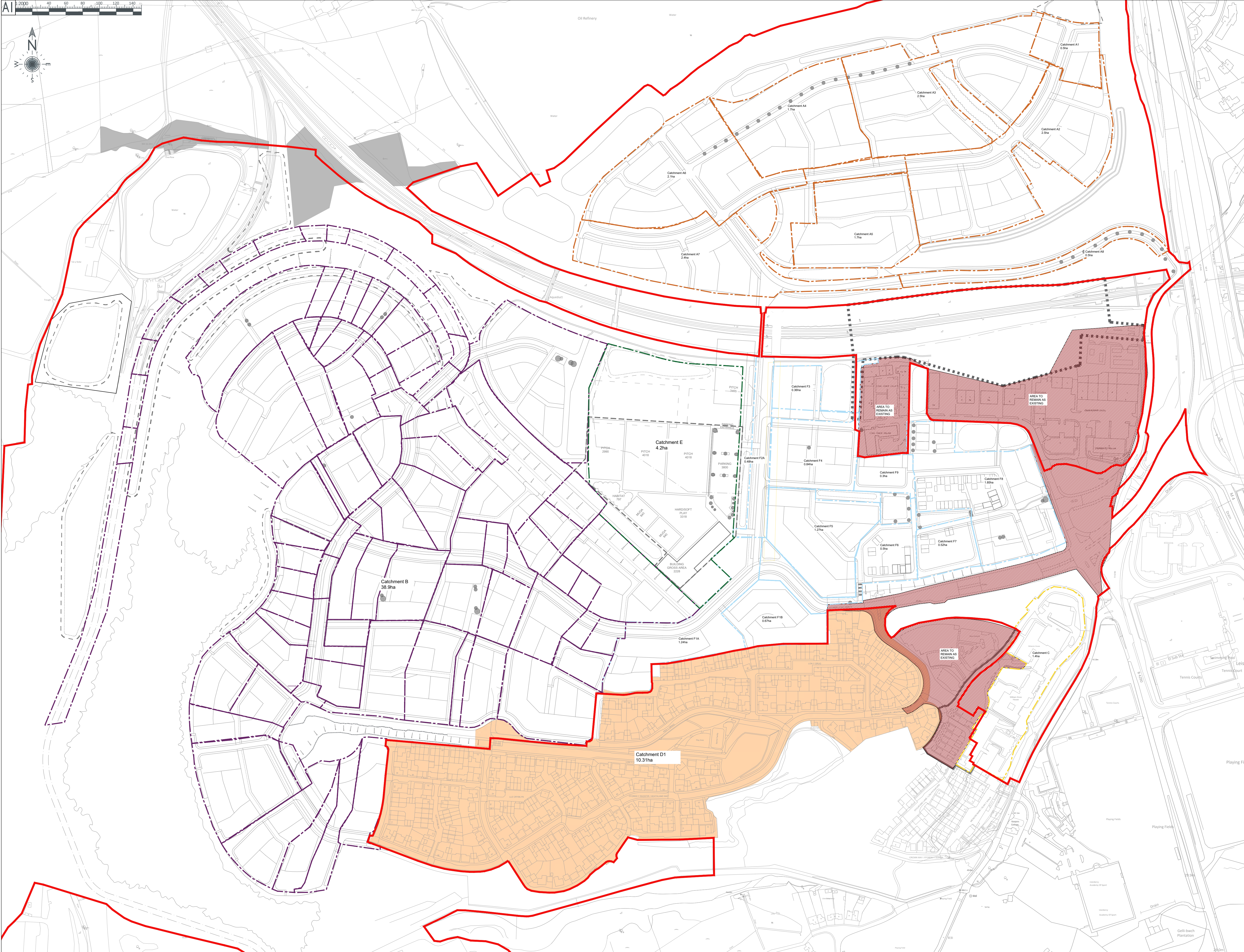
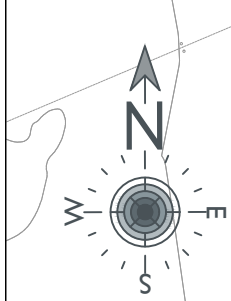




NOTES

These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9

- These drawings should be read in conjunction with all relevant documentation, drawings and standard details.
- PIA accept no liability for the accuracy of third party data.
- All dimensions in meters unless otherwise stated. Do not scale from this drawing.
- Catchment Plan based on Masterplan Design (dwg no: 21009(05) 101) from DobsonPowell architects, September 2021.
- To be read in conjunction with proposed Indicative Surface Water Drainage Strategy drawing (North and South), PJA 2021.

- KEY
- Site Boundary
 - Catchment A
 - Catchment B
 - Catchment C
 - Catchment E
 - Catchment F

REV	DATE	REVISION NOTE	BY
P4	23/11/21	Updated Site Boundary	JP
P3	06/10/2021	Revised Site Boundary and Masterplan	PR
P2	20/09/2021	Revised Masterplan	PR
P1	25/04/2021	Catchment Plan Draft	PB

PJA  Seven House - High Street
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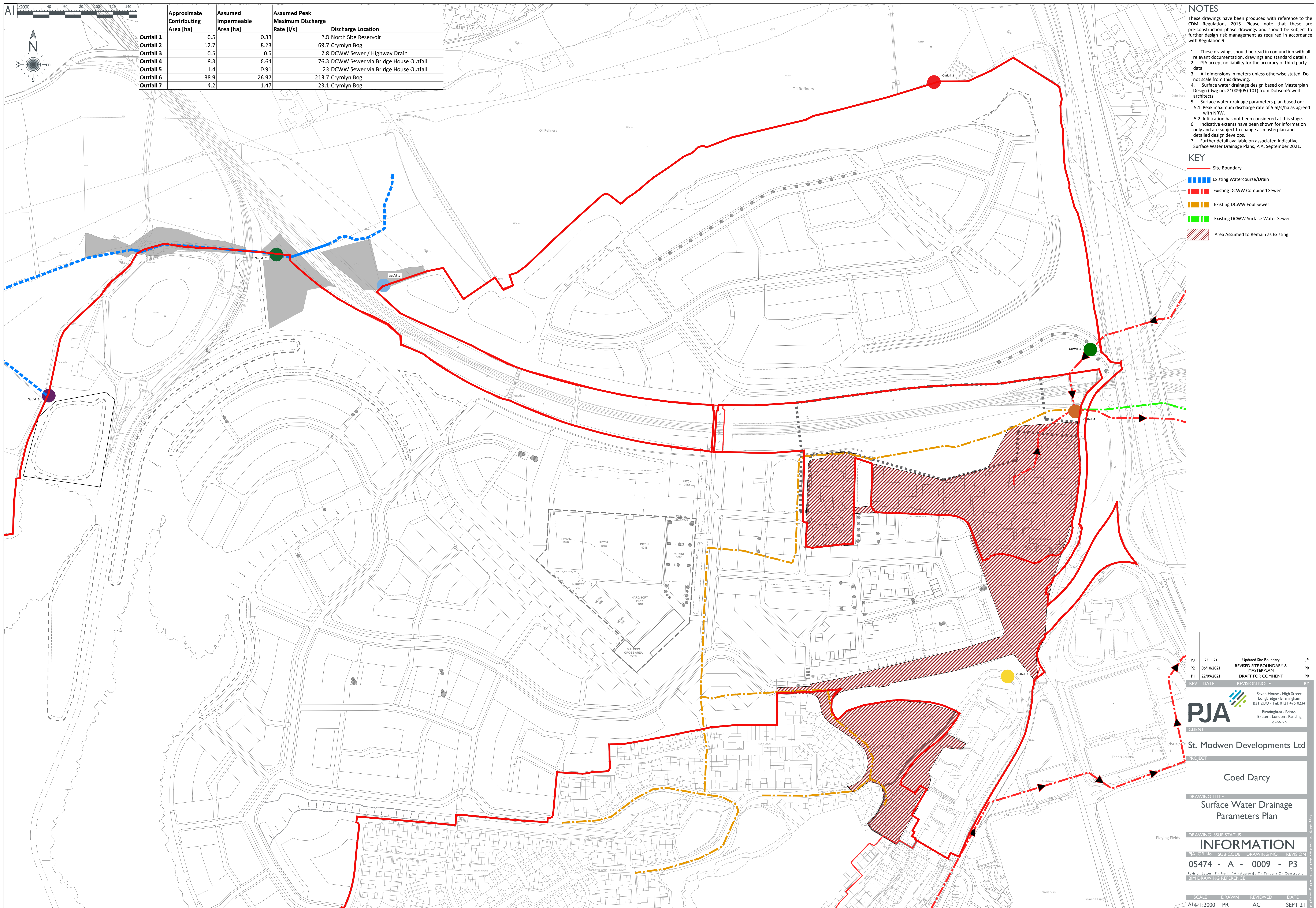
Playing Fields CLIENT
St. Modwen Developments Ltd

PROJECT
Coed Darcy

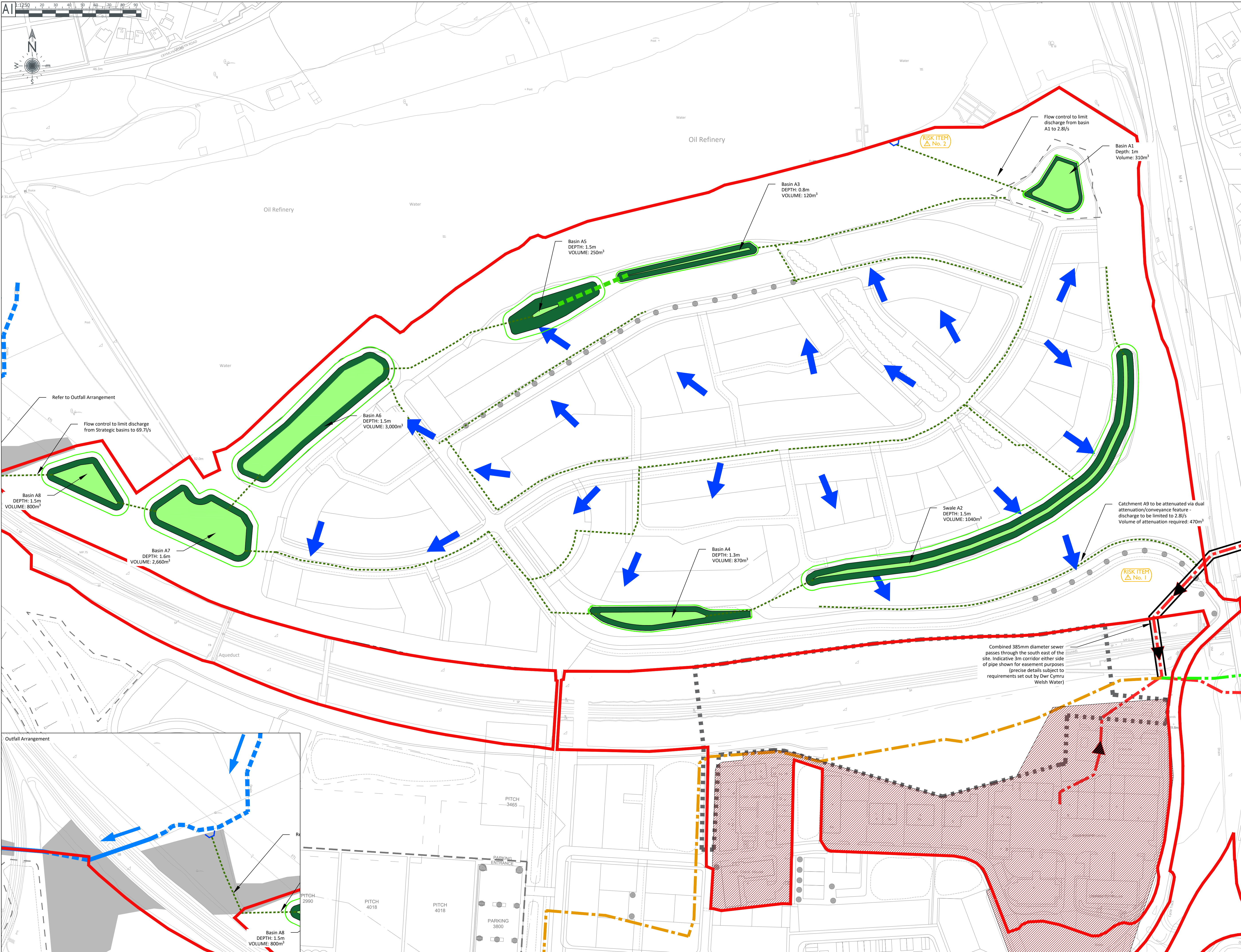
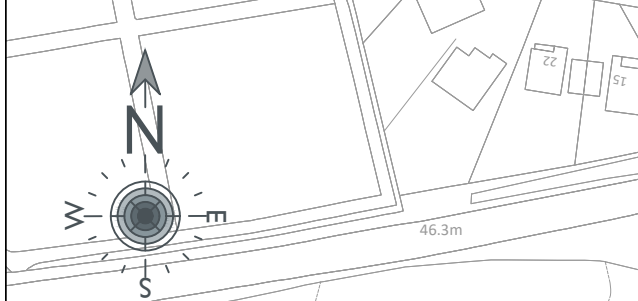
DRAWING TITLE
**Indicative Surface Water
Drainage Catchments Plan**

DRAWING ISSUE STATUS
INFORMATION
PJA JOB No. SUB-CODE DRAWING NO. REVISION
05474 - A - 0003 - P4
Revision Letter: P - Prelim / A - Approved / T - Tender / C - Construction
BIM DRAWING REFERENCE

SCALE DRAWN REVIEWED DATE
AI @ 1:2000 PB AC JUN 21



AI 1:1250 0 10 20 30 40 50 60 70 80 90



NOTES

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- These drawings should be read in conjunction with all relevant documentation, drawings and standard details.
- PIA accept no liability for the accuracy of third party data.
- All dimensions in meters unless otherwise stated. Do not scale from this drawing.
- Surface water drainage design based on Masterplan Design (dwg no: 21009(05) 101) from DobsonPowell architects and Proposed Original Level Gradient Map (dwg no: 04020-A-0122).
- Surface water drainage strategy based on:
 - Attenuation provided up to the 1 in 100 year plus 40% climate change event within strategic infrastructure.
 - All attenuation structures proposed as having a minimum of one inflow and one outflow arrangement.
 - Peak maximum discharge rate of 5.5l/s/ha as agreed with NRW.
 - Infiltration has not been considered at this stage.
 - Impermeable area assumed 65%.
 - No attenuation proposed within conveyance features at this stage.
 - 300mm freeboard proposed in attenuation features.
- Ponds shown are representative of approximate land take for storage.
- Indicative extents have been shown for information only and are subject to change as masterplan and detailed design develops.

RISK ITEM 1 - Highway surface water drainage system for 0.5ha of highway access for the Site will require connection into existing highway drainage or the existing DCWW sewer system.

RISK ITEM 2 - Re-use of existing connection into the North Site Reservoir

KEY

- Existing Watercourse/Drain
- Indicative Surface Water Sewer
- Indicative Surface Water Conveyance Feature (modelled as pipes)
- Indicative Surface Water Conveyance Feature (not modelled)
- Indicative Attenuation Location
- Indicative Maintenance and Access Buffer
- Existing DCWW Combined Sewer
- Existing DCWW Foul Sewer
- Existing DCWW Surface Water Sewer
- Proposed Surface Water Flow Route
- Proposed Headwall
- Area Assumed to Remain as Existing
- Site Boundary

P6	23/11/21	Updated Site Boundary	JP
P5	18/11/2021	Updated Risk Item 1	PR
P4	06/10/2021	Revised Red Line Boundary and Masterplan	PR
P3	16/09/2021	Revised Masterplan	PR
P2	23/07/2021	Revised Masterplan	PR
P1	15/06/2021	Drainage Strategy Plan Draft	PB

REV	DATE	REVISION NOTE	BY
P6	23/11/21	Updated Site Boundary	JP
P5	18/11/2021	Updated Risk Item 1	PR
P4	06/10/2021	Revised Red Line Boundary and Masterplan	PR
P3	16/09/2021	Revised Masterplan	PR
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PROJECT
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PROJECT
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DRAWING TITLE
**Indicative Surface Water
Drainage Strategy North**

DRAWING ISSUE STATUS
INFORMATION
PJA JOB No. SUB-CODE DRAWING NO. REVISION
05474 - A - 0002 - P6
Revision Letter / P - Prelim / A - Approval / T - Tender / C - Construction
BIM DRAWING REFERENCE

SCALE	DRAWN	REVIEWED	DATE
AI @ 1:1250	PB	AC	Jun 2021