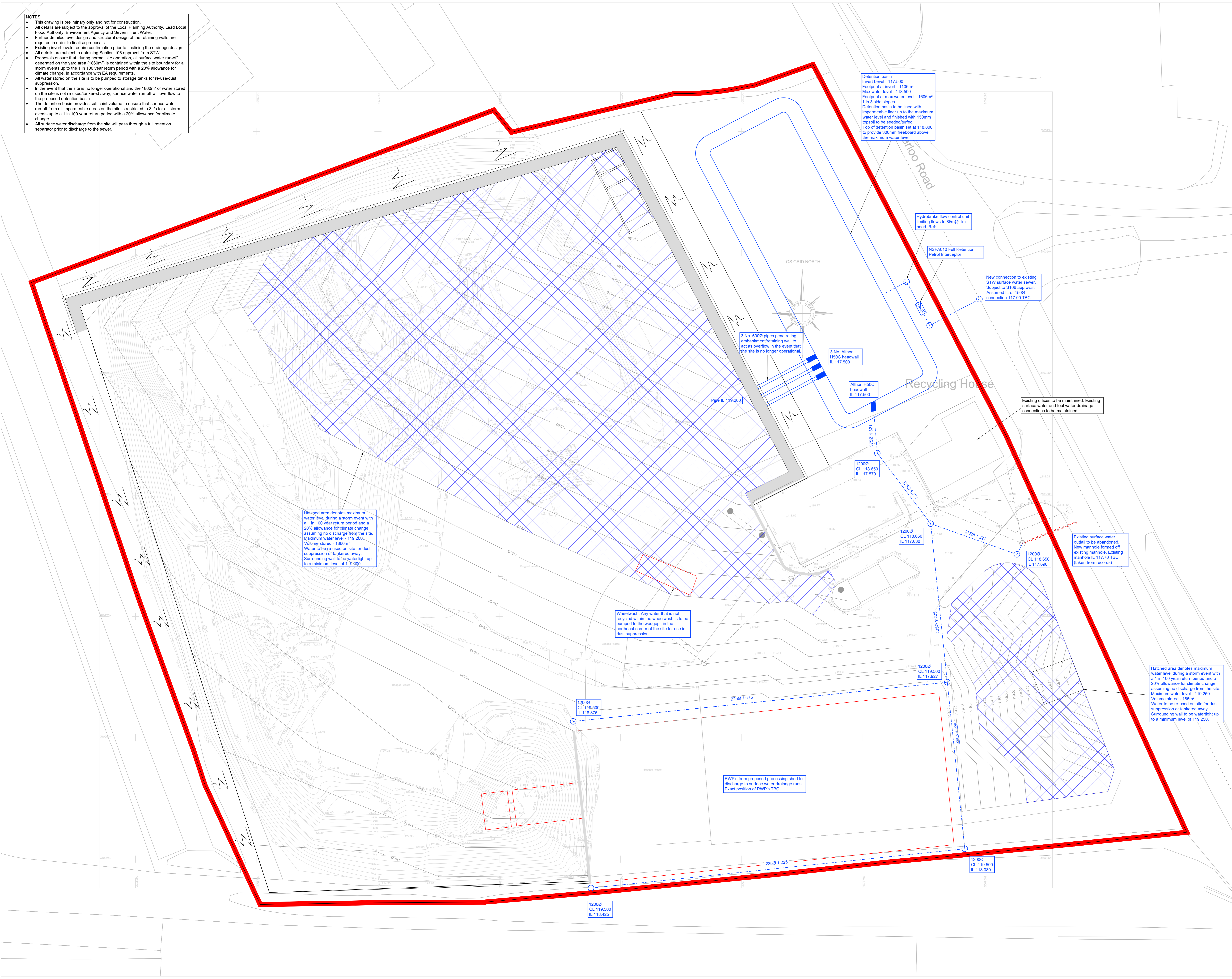


- NOTES:**
- This drawing is preliminary only and not for construction.
  - All details are subject to the approval of the Local Planning Authority, Lead Local Flood Authority, Environment Agency and Severn Trent Water.
  - Further detailed level design and structural design of the retaining walls are required in order to finalise proposals.
  - Existing invert levels require confirmation prior to finalising the drainage design.
  - All details are subject to obtaining Section 106 approval from STW.
  - Proposals ensure that, during normal site operation, all surface water run-off generated on the yard area (1860m<sup>2</sup>) is contained within the site boundary for all storm events up to the 1 in 100 year return period with a 20% allowance for climate change, in accordance with EA requirements.
  - All water stored on the site is to be pumped to storage tanks for re-use/dust suppression.
  - In the event that the site is no longer operational and the 1860m<sup>2</sup> of water stored on the site is not re-used/tankered away, surface water run-off will overflow to the proposed detention basin.
  - The detention basin provides sufficient volume to ensure that surface water run-off from all impermeable areas on the site is restricted to 8 l/s for all storm events up to a 1 in 100 year return period with a 20% allowance for climate change.
  - All surface water discharge from the site will pass through a full retention separator prior to discharge to the sewer.

- General Notes**
- Do not scale.
  - This drawing is to be read in conjunction with Architects, Engineers & Specialist Contractors Details.
  - Should there be any discrepancy between details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.
  - Until technical approval has been obtained from the relevant Authorities it should be understood that all drawings issued are preliminary and NOT for construction. Should the contractor start site work prior to approval being given, it is entirely at his own risk.
  - All dimensions shown are in metres unless noted otherwise.
  - This drawing is based on Survey Three Ltd Drawing Number: 4333/a, dated 13.04.18.
  - All survey information is provided by the surveying company and HSP cannot accept any liability for any discrepancies there in. All survey information to be verified on site by contractor. Should discrepancies be identified, HSP to be notified immediately.
  - It is assumed that the Owner or Occupier of the development will provide notice to the local sewerage undertaker of the intention to communicate flows to the public sewer, as required by The Water Industry Act (1991) as amended.

- Key to Proposals**
- Foul Drainage
  - Surface Water Drainage
  - Retention Separator



Hatched area denotes maximum water level during a storm event with a 1 in 100 year return period and a 20% allowance for climate change assuming no discharge from the site. Maximum water level - 119.200. Volume stored - 1860m<sup>3</sup>. Water to be re-used on site for dust suppression or tankered away. Surrounding wall to be watertight up to a minimum level of 119.300.

Wheelwash: Any water that is not recycled within the wheelwash is to be pumped to the wedge pit in the northeast corner of the site for use in dust suppression.

RWP's from proposed processing shed to discharge to surface water drainage runs. Exact position of RWP's TBC.

Existing surface water outfall to be abandoned. New manhole formed off existing manhole. Existing manhole IL 117.0 TBC (taken from records).

Hatched area denotes maximum water level during a storm event with a 1 in 100 year return period and a 20% allowance for climate change assuming no discharge from the site. Maximum water level - 119.250. Volume stored - 1860m<sup>3</sup>. Water to be re-used on site for dust suppression or tankered away. Surrounding wall to be watertight up to a minimum level of 119.250.

REV	DATE	DETAILS	CHKD
A	09/05/18	Amended to suit revised levels	RH

STATUS: PRELIMINARY

CLIENT: Johnsons Aggregates and Recycling Ltd

PROJECT: IBA Site Kettleby

TITLE: Proposed Drainage Layout



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SCALE: 1:250 SHEET SIZE A0

DATE	DRAWN	CHECKED
01.05.18	RH	GC

PROJECT NO.	DRAWING NO.	REV
C2810	101	A