
From: John Noble Recycling
Sent: 31 January 2023 11:23
To: Mark Hill
Subject: Drainage & Access Fairfield Way, Whitby NYM/2021/0939/CVC

Good morning Mark

As we have just discussed on the phone, please find attached drainage drawing.

I would also like to confirm that the gates will be left open at all times whilst the business is operating as per Ged Lyth's email on 21st March 2022.

I hope all this is adequate but if there are any problems please do not hesitate to give me a call on _____ or contact me on this email address.

Kind regards

John

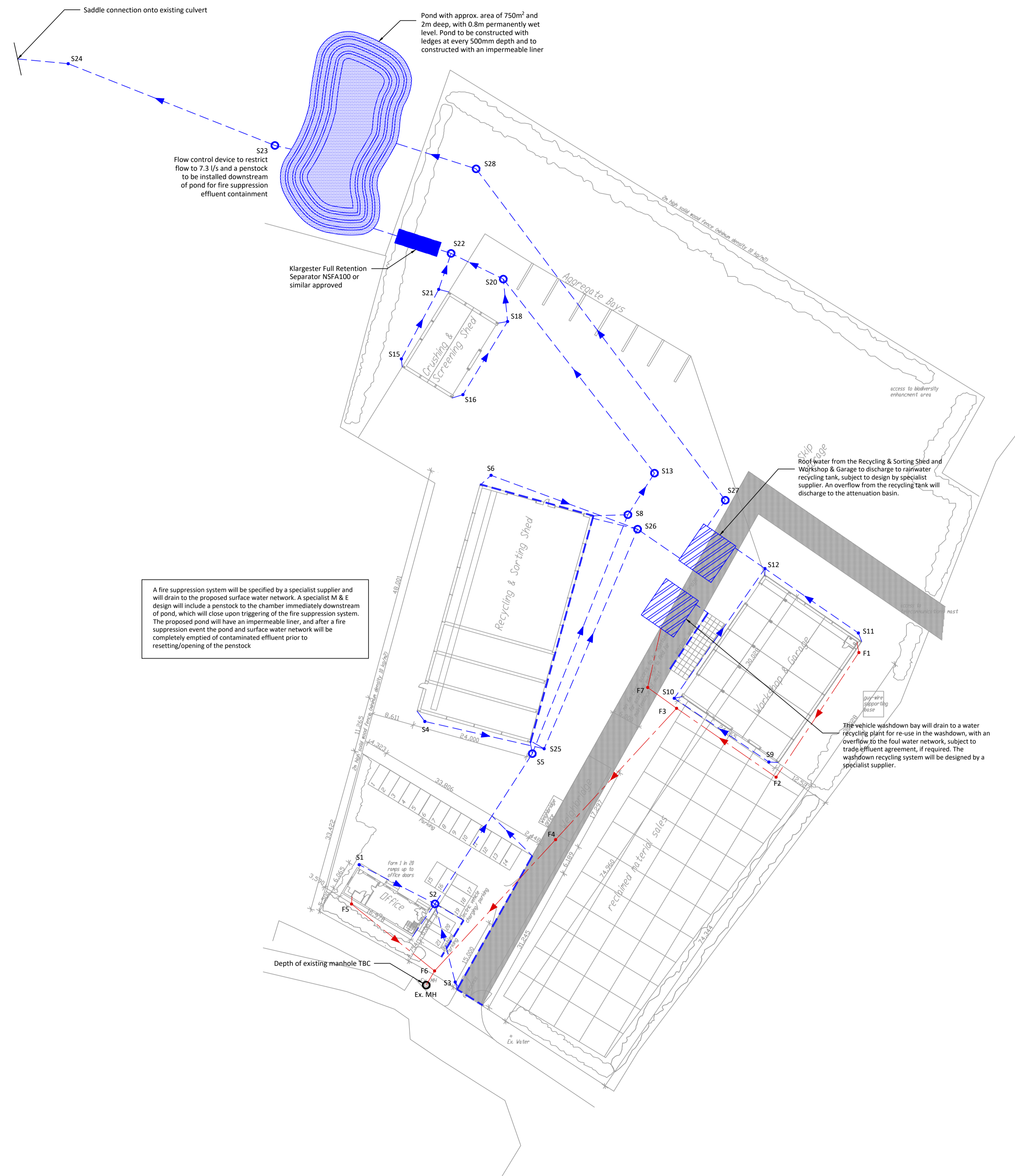
John Noble
Director

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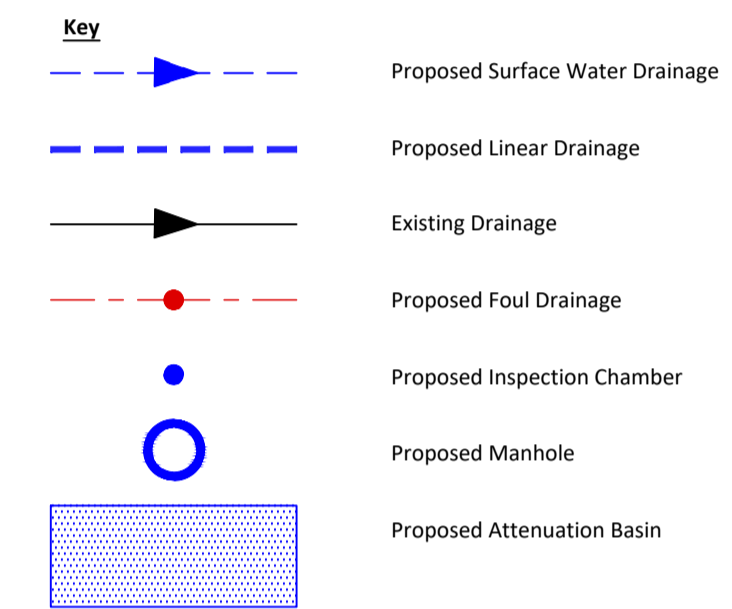


A fire suppression system will be specified by a specialist supplier and will drain to the proposed surface water network. A specialist M & E design will include a penstock to the chamber immediately downstream of pond, which will close upon triggering of the fire suppression system. The proposed pond will have an impermeable liner, and after a fire suppression event the pond and surface water network will be completely emptied of contaminated effluent prior to resetting/opening of the penstock

NYMNP
31/01/2023

- Notes**
- Do not scale this drawing.
 - This drawing is to be read in conjunction with all other project drawings and specifications.
 - All dimensions are in millimetres unless stated otherwise.
 - Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the Project Engineer shall be informed prior to construction.
 - Until technical approval has been obtained from the relevant authority, it should be understood that all drawings issued are preliminary and not for construction. Should the contractor commence site work prior to such approval being given, it is entirely at their own risk.
 - All 1000 proposed drainage pipes shown are to be laid at a minimum gradient of 1:80.
 - All 1500 proposed drainage pipes shown are to be laid at a minimum gradient of 1:150.
 - All existing land drains encountered on site during construction are to be re-connected.
 - Temporary protection to be provided to drainage work during construction as necessary.
 - Topographical information and architectural layout based on third party information.
 - Anticipated foul flow rates calculated using discharge unit method to BS EN 12056-2.
 - Drawing to be read in conjunction with Causeway Flow design pack.
 - Pipes to be structured walled to BS EN 13476. Polypropylene to BE EN 1852 or PVC-U to BS EN 1401.
 - Both clay and concrete pipes shall be strength class 120 (100/150mm min crushing strength 28kN/m). Thermoplastic pipes shall have a minimum ring stiffness of SN4
 - Pipes which run adjacent to buildings shall be installed in strict accordance with Building Regulations Part H, clauses 2.23 to 2.25
 - Class 2 concrete bed and surround to all foul and surface water pipes with less than 900mm cover depth. Type 5 granular bed and surround to all foul and surface water pipes with greater than 900mm cover depth.
 - All manholes and inspection chambers subject to vehicular trafficking to have D400 load-rated covers and frames to BS EN 124. All manholes and inspection chambers not subject to vehicular trafficking to have B125 load-rated covers and frames to BS EN 124.
 - Concrete to be GEN1 unless specified otherwise.
 - The first flexible joint in pipes adjoining a manhole shall be a maximum length of 600mm from the inside face of the manhole, connecting to a rocker pipe. The length of the rocker pipe shall be 600mm.
 - All foul and surface water pipes to be constructed to Building Regulations Part H.
 - Hydro-Brake devices or similar approved to achieve flow restrictions as shown.

CDM Requirements
Risk - Deep excavation
 Control method - Contractor to design trench support to depths shown on drawings and in the manhole schedule, appropriate to the ground conditions.
Risk - Water ingress into excavations, including ground water
 Control method - Contractor to specify method of dealing with ingress of water into excavations, in particular if ground water is experienced. Contractor to undertake trench inspections prior to entry into any excavation, and again if left overnight or if conditions change.



A	Drainage Layout Amended	23/12/2021
Revision	Details	Date

Steve Gilman Design Ltd.
 Lych Gate Barn, Church Lane
 Carlton Le Moorland, Lincoln, LN5 9HS
 Tel : 01522 788000
 Email : mail@stevegilmandesign.co.uk

Project	Proposed Industrial Units Fairfield Way, Whitby		
Client	Noble Recycling & Skip Hire Ltd		
Title	Proposed Drainage Layout		
Drawn	CC	Checked	AF
Date	Dec 2021	Scale	1:500
Number	7772-100 A	Status	Preliminary