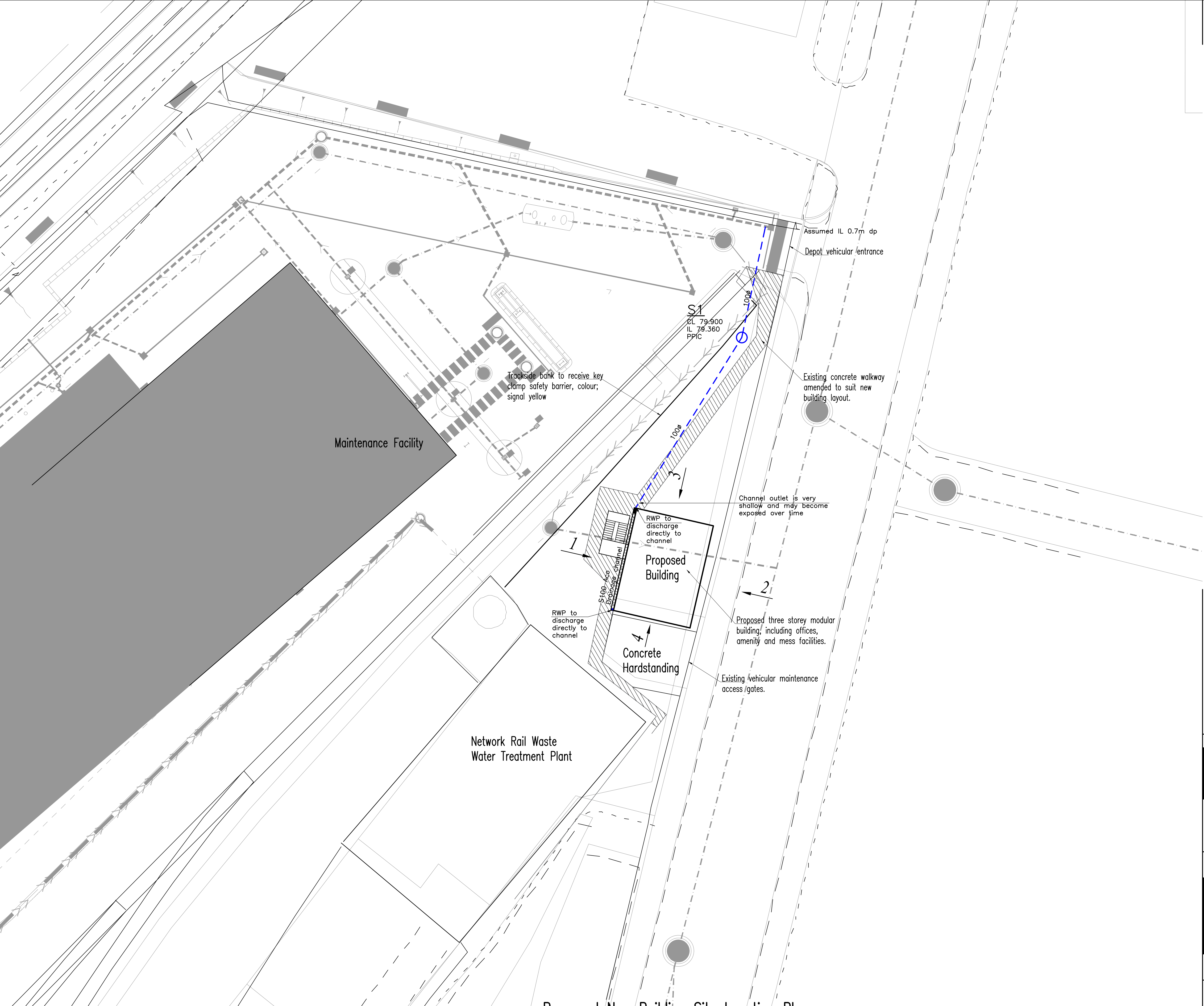




© This drawing and the building works depicted are the copyright of the Engineers and may not be reproduced except by written permission.

NOTES.

1. This drawing is to be read in conjunction with all relevant Architect's, Engineer's, Specialists details and the Specification.
2. All surface water pipes sizes as stated.
3. All foul water pipes sizes as stated.
4. All drainage pipes to BS EN 295 (clayware) or BS EN 1401 (plastic) U.N.O. Other materials may be permitted subject to the approval of the Engineer.
5. Pipes to BS EN 295 with more than 900mm cover between pipe soffit and finished surface to be in Type 'B' bedding. Pipes to BS EN 1401 with more than 900mm between pipe soffit and finished surface to be in Type 'S' bedding.
6. All pipes under external paved areas with less than 900mm cover to be in Type 'A5' bedding.
7. All manholes, trenches, culverts etc to be backfilled with imported granular fill to Class 6F1 (capping material) compacted to a maximum of 95% of maximum dry density of BS.1377: Part 4 (Vibrating Hammer method).
8. The Contractor is responsible for ensuring that full and adequate temporary works are provided to maintain safety and stability of the existing structure whilst the new works are being carried out. The propping is to remain in position until such time that the new works can adequately sustain the intended loads. Details of the proposed temporary works are to be forwarded to the Engineer for comment prior to commencement of works being carried out. Reference should also be made to Nolan Associates Standard detail – Pipes near buildings. (D22)
9. Polypropylene Access Chambers (denoted A.C.) are to be no deeper than 600,mm.
10. Pipe Gradients:

Pipes are to be laid to the levels and gradients shown. Pipe branches are to be laid no flatter than the following table:

	100ø	150ø
Gullies, sinks and basins	1:40	1:40
Pipes draining 1 or more WC's	1:80	—
Pipes draining 5 or more WC's	1:80	1:150

11. For Manhole covers see schedule.
12. The Contractor is to enter into all necessary legal agreements with the drainage authority for all connections to the Public Sewer Network.
13. The Contractor is to survey all drainage outfalls and determine the levels of any Utility Apparatus that might affect the levels of drainage connections, prior to commencing any drainage works on site.
14. The Contractor is to obtain the consent of the Highway Authority to any works within the highway and enter into any necessary legal agreements.
15. Rising main to be BS EN 13244–2, all joints electrofusion welded to provide continuous main.

NOLAN ASSOCIATES

PRELIMINARY
DRAWING

NOT TO BE USED FOR CONSTRUCTION

P1	Preliminary issue	MH	JJG	06.04.23
REV	DESCRIPTION	BY	CHKD	DATE

Newton Heath Depot

Portacabin Drainage

NOLAN ASSOCIATES
CONSULTING CIVIL & STRUCTURAL ENGINEERS

54 HAGLEY ROAD, EDGBASTON, BIRMINGHAM B16 8PE
TEL: 0121-454 3099 FAX: 0121-454 3059
E-MAIL: enquiries@nolanassociates.co.uk

Drawn by MH	Date 05.04.23	Plot Date	Scale 1: 2000@A1
Checked by JJG	Project No 2022-186	Dwg No 100	P1