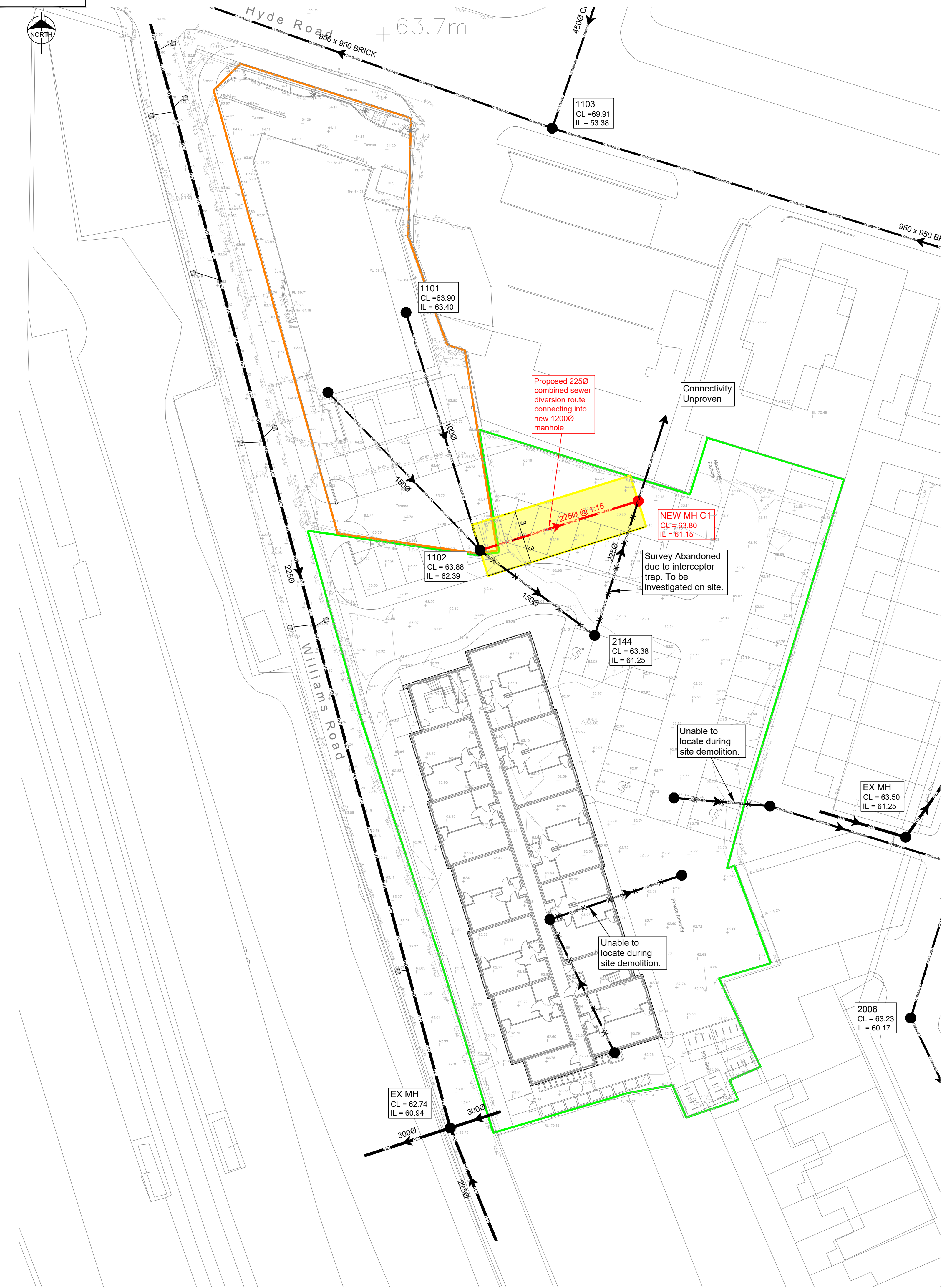


DO NOT SCALE



Notes

- Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
- All sewers shall be constructed in accordance with Design and Construction Guidance (DCG) Standards and United Utilities Details & Guidelines.
- The minimum gravity pipe diameter under adoptable highways shall be 150mm
- It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times
- All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
- All opening notices etc. as required under Highways Acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
- Where structured wall UPVC pipes (or similar approved) are used in adoptable drainage they shall be handled and laid in accordance with the manufacturers instructions and will be subject to post installation deformation testing prior to adoption. A Class S Bed and Surround must be used for structured wall pipes
- Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material all in accordance with Design and Construction Guidance (DCG) Standards.
- Slab levels shall not be varied without reference to the Engineer for guidance.
- Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate protection to the pipes during construction.

Legend

- Development Boundary
- Third Party Boundary
- Existing
- Existing Combined Sewer
 - Existing Highway Drain
 - Existing Private Drain
- Proposed
- S185 Combined Sewer Diversion
 - Sewer Abandonment
 - Easement

Design based on Layout:
Williams Road, Gorton.
Proposed Site Plan, Dwg No.4402/101
Rev: A
Grid/Level datum based on Topo:
Williams Road, Gorton.
Topographical Survey,
Dwg No. RBS - 18/1178/001
Rev: B

APPROVAL

A	02.11.21	Logsection & Manhole Schedule added	LW	AJ
Rev.	Date	Revision	By	Appd.

coopers
chartered consulting engineers

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Email: admin@coopers.co.uk
Web: http://coopers.co.uk

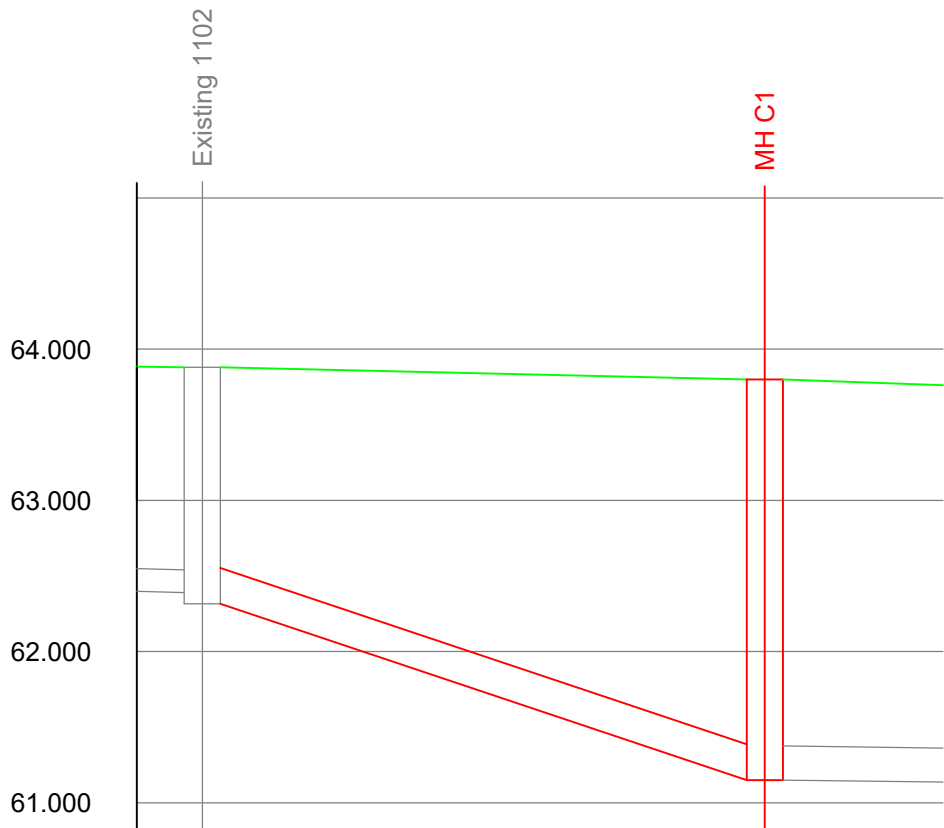
Park House
Sandpiper Court
Chester Business Park
Chester
CH4 9QU

Client
MANGROVE ESTATES LTD

Project
**CHATSWORTH MILL,
WILLIAMS ROAD, GORTON.**

Title
S185 Sewer Diversion

DRAWING NUMBER	SCALE at A1	1:250
7588 / 01	DATE	29.09.21
	DRAWN	PJN
	CHECKED	AJ
	REVISION	A



COVER LEVEL	63.880	63.800
INVERT LEVEL	62.390	62.270

Dia 225
Circular UPVC
1 in 150
18.600

Longsection along Combined Sewer diversion Route

Manhole Number	Cover Level	Connections	Pipe	Manhole Size	Manhole Cover
Coordinates	Depth To Soffit		Code	Inverts	Diam Inv-soff
C1	63.800	1	1	1.000	61.15
E. 388203.358	2.425	0	0		61.15
N. 396133.036					225

Manhole Schedule

0 1 2 4 6 8 10 15 20
SCALE BAR (m)