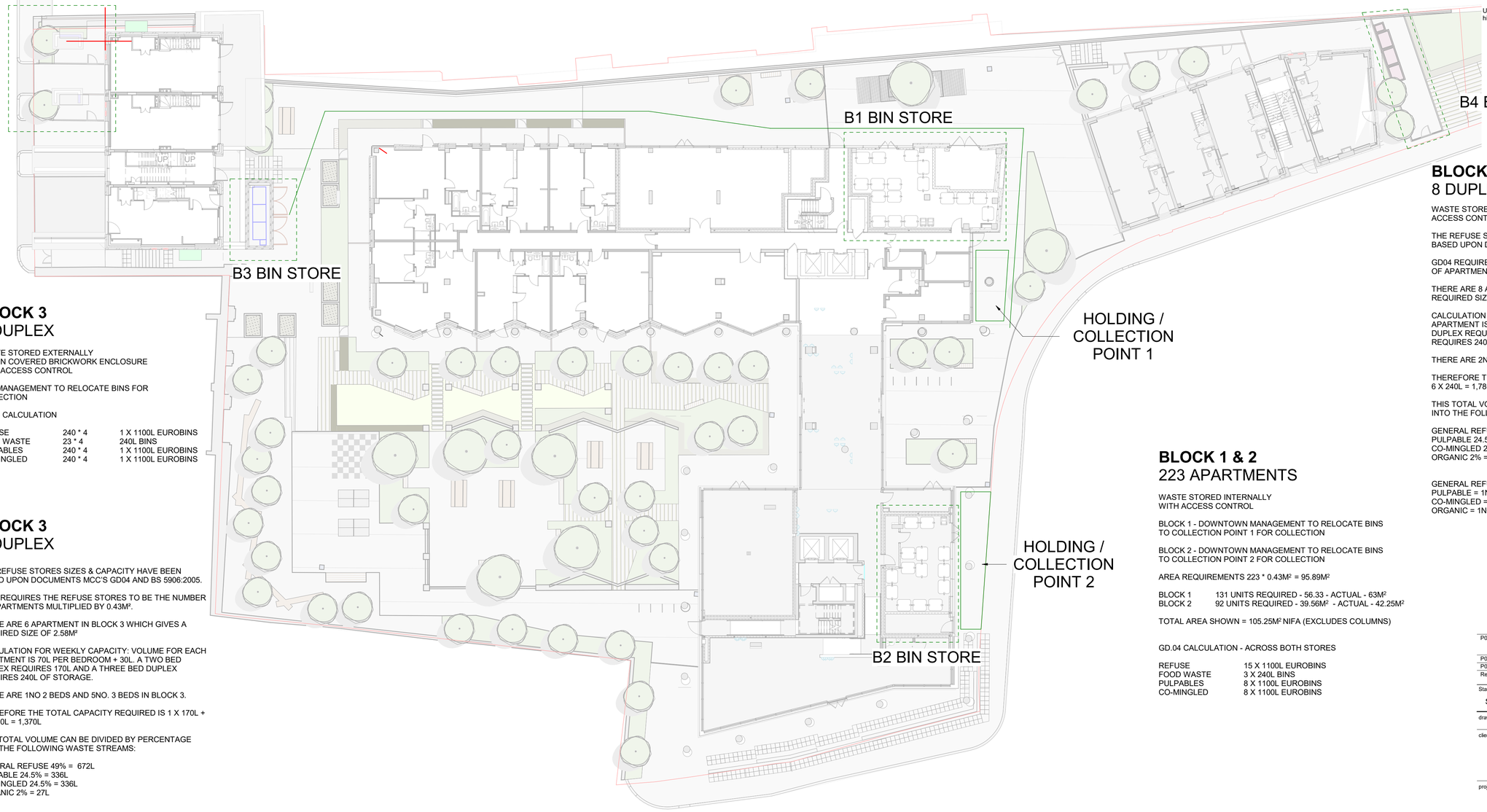
BLOCK 3
2 DUPLEX

WASTE STORED EXTERNALLY
WITHIN COVERED TIMBER ENCLOSURES
WITHIN DEMISE

BINS TO BE MOVED TO BACK EDGE OF KERB ON COLLECTION DAYS BY OCCUPIER

GD.04 CALCULATION PER UNIT

REFUSE	240 * 1	240L BIN
FOOD WASTE	23 * 1	240L BIN
PULPABLES	240 * 1	240L BIN
CO-MINGLED	240 * 1	240L BIN



BLOCK 3
4 DUPLEX

WASTE STORED EXTERNALLY
WITHIN COVERED BRICKWORK ENCLOSURE
WITH ACCESS CONTROL

DVN MANAGEMENT TO RELOCATE BINS FOR COLLECTION

GD.04 CALCULATION

REFUSE	240 * 4	1 X 1100L EUROBINS
FOOD WASTE	23 * 4	240L BINS
PULPABLES	240 * 4	1 X 1100L EUROBINS
CO-MINGLED	240 * 4	1 X 1100L EUROBINS

BLOCK 3
6 DUPLEX

THE REFUSE STORES SIZES & CAPACITY HAVE BEEN BASED UPON DOCUMENTS MCC'S GD04 AND BS 5906:2005.

GD04 REQUIRES THE REFUSE STORES TO BE THE NUMBER OF APARTMENTS MULTIPLIED BY 0.43M².

THERE ARE 6 APARTMENT IN BLOCK 3 WHICH GIVES A REQUIRED SIZE OF 2.58M²

CALCULATION FOR WEEKLY CAPACITY: VOLUME FOR EACH APARTMENT IS 70L PER BEDROOM + 30L. A TWO BED DUPLEX REQUIRES 170L AND A THREE BED DUPLEX REQUIRES 240L OF STORAGE.

THERE ARE 1NO 2 BEDS AND 5NO. 3 BEDS IN BLOCK 3.

THEREFORE THE TOTAL CAPACITY REQUIRED IS 1 X 170L + 5 X 240L = 1,370L

THIS TOTAL VOLUME CAN BE DIVIDED BY PERCENTAGE INTO THE FOLLOWING WASTE STREAMS:

GENERAL REFUSE 49% = 672L
PULPABLE 24.5% = 336L
CO-MINGLED 24.5% = 336L
ORGANIC 2% = 27L

GENERAL REFUSE = 1NO. 1100L BINS
PULPABLE = 1NO. 1100L BINS
CO-MINGLED = 1NO. 1100L BINS
ORGANIC = 1NO. 240L BINS

BLOCK 1 & 2
223 APARTMENTS

WASTE STORED INTERNALLY
WITH ACCESS CONTROL

BLOCK 1 - DOWNTOWN MANAGEMENT TO RELOCATE BINS TO COLLECTION POINT 1 FOR COLLECTION

BLOCK 2 - DOWNTOWN MANAGEMENT TO RELOCATE BINS TO COLLECTION POINT 2 FOR COLLECTION

AREA REQUIREMENTS 223 * 0.43M² = 95.89M²

BLOCK 1	131 UNITS REQUIRED - 56.33 - ACTUAL - 63M²
BLOCK 2	92 UNITS REQUIRED - 39.56M² - ACTUAL - 42.25M²

TOTAL AREA SHOWN = 105.25M² NIFA (EXCLUDES COLUMNS)

GD.04 CALCULATION - ACROSS BOTH STORES

REFUSE	15 X 1100L EUROBINS
FOOD WASTE	3 X 240L BINS
PULPABLES	8 X 1100L EUROBINS
CO-MINGLED	8 X 1100L EUROBINS

BLOCK 4
8 DUPLEX

WASTE STORED EXTERNALLY
ACCESS CONTROLLED

THE REFUSE STORES SIZES & CAPACITY HAVE BEEN BASED UPON DOCUMENTS MCC'S GD04 AND BS 5906:2005.

GD04 REQUIRES THE REFUSE STORES TO BE THE NUMBER OF APARTMENTS MULTIPLIED BY 0.43M².

THERE ARE 8 APARTMENT IN BLOCK 4 WHICH GIVES A REQUIRED SIZE OF 3.44M²

CALCULATION FOR WEEKLY CAPACITY: VOLUME FOR EACH APARTMENT IS 70L PER BEDROOM + 30L. A TWO BED DUPLEX REQUIRES 170L AND A THREE BED DUPLEX REQUIRES 240L OF STORAGE.

THERE ARE 2NO 2 BEDS AND 6NO. 3 BEDS IN BLOCK 4.

THEREFORE THE TOTAL CAPACITY REQUIRED IS 2 X 170L + 6 X 240L = 1,780L

THIS TOTAL VOLUME CAN BE DIVIDED BY PERCENTAGE INTO THE FOLLOWING WASTE STREAMS:

GENERAL REFUSE 49% = 873L
PULPABLE 24.5% = 436L
CO-MINGLED 24.5% = 436L
ORGANIC 2% = 45L

GENERAL REFUSE = 1NO. 1100L BINS
PULPABLE = 1NO. 1100L BINS
CO-MINGLED = 1NO. 1100L BINS
ORGANIC = 1NO. 240L BINS

NOTES

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to the architect before any work commences
- This drawing shall not be scaled to ascertain any dimensions. Work to figured dimensions only.
- This drawing shall not be reproduced without express written permission from AEW.
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- All works are to be undertaken in accordance with Building Regulations and the latest British Standards.
- All proprietary materials and products are to be used strictly in accordance with the manufacturers recommendations.

This drawing contains the following model files: -

23C002-AEW-SI-XX-M3-A-0001

CDM 2015

Client notified of duties: **31.10.22**
Principal Designer: **Safer Sphere**

Unless noted below, all known hazards have been highlighted on the drawing.

Rev	Date	Description	Drawn by	Checked By
P03	19/12/23	Updated following development of the scheme - re-issued to planning	BS	BR
P02	13/10/23	Issued for Submission	BS	BR
P01	09/10/23	Issued for Coordination	BS	BR

Status: S2 — Purpose of Issue: For Information

drawing stage: **RIBA Stage 4**

client: **McGoff Construction Limited**

project: **87 Rochdale Road**

drawing title: **Site Plan - Waste Strategy**

date: 10/09/23 drawn: BS
scale @ A1: 1 : 200 checked: BR

Rev **P03**

Dwg No **23C002-AEW-SI-00-DR-A-1024**

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