

Mondi Papers:
Acre Lane, Ramsbottom

Phase 1 Remediation Completion Report

For: Urban Regen Ltd

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MONDI PAPERS, ACRE LANE, RAMSBOTTOM

REMEDIATION COMPLETION REPORT

For: Urban Regen Ltd

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1 Introduction

- 1.1. Urban Regen Ltd. (URL) was instructed by Eccleston Homes (EH) to carry out site remediation and preparatory earthworks in accordance with the approved Remediation Strategy produced by Betts Geo (ref: 19ECH016/RS) to prepare a parcel of land off Acre Lane, Ramsbottom for residential redevelopment with private gardens and associated infrastructure.
- 1.2. Smith Grant LLP (SGP) has been instructed by URL to produce a verification report following completion of the preparatory earthworks of Phase 1 of the development. The location of the Site is shown on Drawing D01 and Figure 1.1. below.
- 1.3. Site details are:

Table 1.1: Site Details

Address	Land to the east of Acre Lane, Ramsbottom, BL0 9AL
National Grid Reference	379416, 416746
Local Authority	Bury Metropolitan Borough Council (BMBC)
Site Area	Approximately 2.23Ha
Access	Access is from Bridge Street on the northern boundary.
Previous Use	Former paper mill
Planning Reference	70222
Proposed Use	Residential development

Figure 1.1: Site Location



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- 1.4. Planning Permission for redevelopment of the site has been granted by Bury Metropolitan Borough Council (ref: 70222). The Planning Conditions relevant to land contamination issues are reproduced below:

Table 1.2: Planning Conditions relating to Contaminated Land

4	No development other than demolition shall commence unless and until:- • A contaminated land Preliminary Risk Assessment report to assess the actual/potential contamination and/or ground gas/landfill gas risks at the site shall be submitted to, and approved in writing by, the Local Planning Authority; • Where actual/potential contamination and/or ground gas/landfill gas risks have been identified, detailed site investigation and suitable risk assessment shall be submitted to, and approved in writing by the Local Planning Authority; • Where remediation/protection measures is/are required, a detailed Remediation Strategy shall be submitted to, and approved in writing by, the Local Planning Authority Reason: The scheme does not provide full details of the actual contamination and subsequent remediation, which is required to secure the satisfactory development of the site in terms of human health, controlled waters, ground gas and the wider environment and pursuant to National Planning Policy Framework Section 15 - Conserving and enhancing the natural environment
5	Following the provisions of Condition 4 of this planning permission, where remediation is required, the approved Remediation Strategy must be carried out to the satisfaction of the Local Planning Authority within agreed timescales; and A Site Verification Report detailing the actions taken and conclusions at each stage of the remediation works, including substantiating evidence, shall be submitted to and approved in writing by the Local Planning Authority prior to the development being brought into use. Reason: To secure the satisfactory development of the site in terms of human health, controlled waters and the wider environment and pursuant to National Planning Policy Framework Section 15 - Conserving and enhancing the natural environment

- 1.5. SGP carried out site inspections contemporaneously with the remediation earthworks during the works. URL has provided an As-built Survey Drawings (ref: 414-001-01, 414-001-02, and 414-001-05) detailing the condition of the site following completion of the remediation earthworks.
- 1.6. This Completion / Verification Report contains the following information/records:
- details of completed remediation activities;
 - a summary of SGP's inspection records and notes;
 - validation data;
 - conclusions as to the adequacy of the works completed;
 - recommendations for any further mitigation required during the construction phase of development.
- 1.7. Those elements of the Remediation Strategy concerning preparatory earthworks have been implemented by URL across Phase 1 of the site. The construction phase of development will now be carried out by EH.

- 1.8. For the avoidance of doubt, Phase 2 relates to the southwest of the Site which is occupied by a historical landfill. This area will be subject to a separate Remediation Strategy (in production by URL) and then remedial works also to be completed by URL. A separate Remediation Completion Report will be produced in due course.

2 Remediation Strategy

2.1. Site History

2.1.1. Historical mapping within the Betts Remediation Strategy shows the Site was originally part of open fields from the 1850s until the 1890s with a construction of a paper mill. From the 1890s to the early 2010s, the mill went through various expansions with large buildings, railway spurs, filter beds, tanks, and a chimney. By 2014, the majority of the buildings were demolished except the chimney and a few small buildings in the northwest.

2.2. Contamination Sources

2.2.1. The contamination assessment detailed in the Remediation Strategy identified the following contamination sources on the Site:

- the widespread presence of made ground soils containing elevated inorganic contaminants (i.e. metals, PAHs) and trace asbestos fibres;

2.3. Assessment of Ground Gas Risks

2.3.1. As described in the Remediation Strategy, a gas monitoring programme was undertaken on Site by Betts which resulted in a CIRIA gas risk classification of CS2 for the whole site. Low level gas protection measures are required across Site with the allowance of hydrocarbon vapour resistant (if required).

2.4. Remediation Objectives

2.4.1. The remediation objectives and implementation plan for the preparatory-stage earthworks were designed to address any potential contamination that may persist on Site and could present a risk to human health receptors and built development following redevelopment of the site to a residential use. Key remediation objectives were therefore:

- break significant or potentially significant future pollutant linkages resulting from the change of land use;
- remove/remediate significant pollution sources if identified during the works that pose a risk to man and/or the environment;
- respond appropriately to contingencies, in particularly the discovery of currently uncharacterised contamination;
- removal of obstructions, relict services and other deleterious materials identified during the preparatory works;
- recover materials with the potential for re-use within the development (i.e. aggregates);
- manage all emissions to controlled waters and the atmosphere (i.e. dust) during the remediation works to protect local residents, and;
- allow appropriate additional protection measures to be implemented during construction.

2.5. Scope of Remediation Earthworks

2.5.1. Enabling works included:

- establishment of security fencing, site offices and welfare facilities;
- vegetation clearance;
- removal of relict hardstanding, and;
- removal of surface waste deposits / fly-tipped material.

2.5.2. Remediation earthworks included:

- excavation of made ground materials to allow inspection of ground conditions and facilitate the removal of obstructions, relict structures and voids, followed by replacement and compaction of site fills);
- crushing of suitable hard materials onsite (i.e., masonry, concrete and brick) to recover aggregate for reuse in roadways and plot footprints;
- filling / regrading of the site to specified levels for foundation, road and sewer construction;

2.6. The Strategy specified that an independent contaminated land consultant would attend site to inspect the works throughout the preparatory earthworks programme to allow inspection of the ground conditions and to confirm the absence of any previously unidentified contamination. It was also specified that records of the inspections and the results of all verification and validation testing be submitted to the Regulatory Authority within a Completion Report. There were no confirmed contamination hotspots which required dedicated remedial works.

3. Description of Works

3.1. General Approach

- 3.1.1. The Site preparatory and remediation earthworks were carried out over a 7-month period from January 2025 to July 2025. A record of SGP's inspections of the works is provided in Section 4 with information provided by URL used to supplement SGP's observations of the works, as summarised below. Attendance was on a near-weekly basis with a total of 26 visits undertaken by SGP during preparatory works within Phase 1.
- 3.1.2. Following the initial removal of surface wastes, and vegetation, the materials were transferred to the east of the Site for processing. Demolition of the remaining buildings, with the exception of the chimney which remains in-situ, was undertaken in late January with the materials being stockpiled for crushing at a later date. Breaking-out of hardstanding was carried out throughout the length of the remediation works.
- 3.1.3. Excavation of made ground soils commenced to allow for inspections, removal of any relict foundations / services, and turnover of materials. Suitable made ground was then reengineered and placed back into the excavations. The depth of excavation and replacement of soils across the Site is indicated on the URL 'As Built' drawings (ref: 414-001-01, 414-001-02, and 414-001-05).
- 3.1.4. Recovered concrete / masonry was transferred to a processing area and underwent breaking, crushing and screening to produce aggregate which was used to construct roadways and as development platforms for future dwellings across the site. The results are presented in section 3.6 and laboratory certificates are provided in appendix B.
- 3.1.5. The appended URL 'As built survey and topographical constraints' drawing (ref: 414-001-01, 414-001-02, and 414-001-05) indicate the final site levels achieved.

3.2. Materials Management

- 3.2.1. Following excavation of the hardstanding during the earthworks, a total of 11,600m³ of site won aggregate was generated. Testing of this material has been carried out by SGP which is detailed in Section 3.6. URL tracking records are provided within Appendix C.
- 3.2.2. A summary of the dates and records of inspections undertaken by SGP within the subject areas is presented below:

Table 3.1 Summary of inspection records

Date	Description of works	SGP activities	Records
15.01.25	Surface soils stripping and removal of vegetation	Pre-start meeting	App A: 1-6
23.01.25	Demolition of former mill buildings	Site walkover	App A: 7-10

Date	Description of works	SGP activities	Records
28.01.25	Archaeological investigation occurring around mill buildings and URL searching for live services	Site walkover	App A: 11-14
03.02.25	URL locating live services in north, regrading west boundary, and concrete removal in east	Site walkover	App A: 15-20
11.02.25	Tidying up of stockpiles in north and breaking down of concrete stockpile in east	Site walkover	App A: 21-26
18.02.25	Processing of site-won demo rubble	Site walkover + crush sampling	App A: 27-30 App B: 25-008116
27.02.25	Crushing of site-won concrete, searching for live services in north, and breaking out of concrete in south	Site walkover + crush sampling + hotspot 1 sampling	App A: 31-36 App B: 25-010157-2, 25-010160-2, 25-010162
05.03.25	Crushing of site-won hardstanding, turnover of soils in south and northwest, and regrading of Site in northwest	Site walkover + organic material sampling	App A: 37-42 App B: 25-011530
11.03.25	Removal of road adjacent to chimney in the centre of the Site	Site walkover	App A: 43-48
19.03.25	Breaking out of slab in centre/north	Site walkover	App A: 49-50
24.03.25	Investigation of southern boundary wall footings	Site walkover	App A: 51-54
03.04.25	Stripping and processing of hardstanding, turnover, and removal of southern boundary wall	Site walkover	App A: 55-56
10.04.25	Stripping and processing of hardstanding and placement of crush in north to raise levels	Site walkover	App A: 57-58
15.04.25	Processing of hardstanding and placement of crush in northwest corner to raise levels	Site walkover	App A: 59-60
23.04.25	Processing of hardstanding	Site walkover	App A: 61-62
30.04.25	Processing of hardstanding	Site walkover + sampling of 'landfill mound' material + crush sampling	App A: 63-64 App B: 25-022504
07.05.25	Regrading in northeast	Site walkover	App A: 65-66
14.05.25	Material movement from centre to southeast	Site walkover	App A: 67-68
20.05.25	Processing and sorting of oversize / fine stockpiles in the east	Site walkover	App A: 69-70
29.05.25	Processing and sorting of oversize / fine stockpiles in the southwest	Site walkover + crush sampling	App A: 71-72 App B: 25-028369
06.06.25	Processing and sorting of oversize / fine stockpiles in the south	Site walkover + crush sampling	App A: 73-74 App B:
11.06.25	Searching for historical well in the south, processing of material in east	Site walkover	App A: 75-78
18.06.25	Excavation of historical well in the south + turnover in the west + relocation of hardstanding in the west	Site walkover	App A: 79-81

Date	Description of works	SGP activities	Records
26.06.25	Raising levels along southern boundary	Site walkover	App A: 82-83
03.07.25	Crushing of hardstanding and excavation in west for placement of culvert	Site walkover	App A: 84-86
10.07.25	Placement of site-won crush in southwest corner to raise levels	Completion walkover + crush sampling	App A: 87-90 App B: 25-036935

3.3. Hotspot 1 Removal

3.3.1. During preparatory works a previously unencountered underground storage tank (UST) was encountered on the northern boundary. The tank was removed and placed on hardstanding and SGP were notified and attended Site on 29.02.25. A moderate hydrocarbon odour was observed when close to the tank, however, no free product, staining, or odours were noted with the base and sidewalls of the excavation.

Table 3.2. Photos of excavated tank on northern boundary

1. 	2. 
29.02.25 – Excavated area of former tank	29.02.25 – Extracted tank

3.3.2. Five samples ('HS1- S1' to 'HS1-S5') were collected by SGP from each sidewall and the base of the excavation for TPH-CWG and BTEX. Betts did not provide specific screening criteria within their Remediation Strategy. Given the proposed residential end use of the site, human health critical values (CVs) derived for a residential land use scenario with plant uptake have been utilised. These are the LQM / CIEH Suitable for Use Levels (S4ULs) which are derived for a sandy loam soil and reference is initially made to the S4ULs derived for a soil with 1% soil organic matter. A copy of the laboratory results (i2 ref. 25-010162) is provided in Appendix B.

Table 3.3 Hotspot Validation Samples Results (lab ref: 25-01062-1)

Contaminant	Number of Samples	Range of Concentrations (mg/kg or indicated)	Soil Standard Adopted and Concentration (mg/kg or indicated)	Exceedances
Aliphatic >C5-C6	5	<0.01-0.01	42 S4UL	None
Aliphatic >C6-C8	5	<0.01-0.03	100 S4UL	None
Aliphatic >C8-C10	5	<0.01-0.01	27 S4UL	None
Aliphatic >C10-C12	5	<1-1.3	130 S4UL	None
Aliphatic >C12-C16	5	<2-23	1,100 S4UL	None
Aliphatic >C16-C21	5	<8-230	5,000 S4UL	None
Aliphatic >C21-C35	5	<8-2,200	5,000 S4UL	None
Aromatic >C5-C7	5	<0.01	70 S4UL	None
Aromatic >C7-C8	5	<0.01	130 S4UL	None
Aromatic >C8-C10	5	<0.02-0.05	34 S4UL	None
Aromatic >C10-C12	5	<1-8.5	74 S4UL	None
Aromatic >C12-C16	5	<2-32	140 S4UL	None
Aromatic >C16-C21	5	<10-160	260 S4UL	None
Aromatic >C21-C35	5	<10-640	1,100 S4UL	None
Benzene	5	<0.005	0.42 S4UL	None
Toluene	5	<0.005	130 S4UL	None
Ethylbenzene	5	<0.005	47 S4UL	None
m/p-xylene	5	<0.005	56 S4UL	None
o-xylene	5	<0.005	60 S4UL	None

Notes to table:

S4UL: LQM/CIEH Suitable for Use Levels (S4ULs), residential with homegrown produce land use, (1% SOM) Copyright Land Quality Management Ltd. Reproduced with permission publication number S4UL 3102. All rights reserved.

3.3.3. No exceedances of the criteria have been reported. Therefore, turnover works continued in that area.

3.4. Validation of Site-won Aggregate

3.4.1. Approximately 11,600m³ of oversized materials were recovered during the preparatory earthworks. This was split into 'demolition / general crush' and 'concrete crush'. These were processed and crushed to produce aggregate which was carried out throughout the duration of the earthworks. The processed 'demolition / general crush' aggregate was generally placed straight into excavated areas as fill and the 'concrete crush' aggregate was placed in a large stockpile in the east of the site prior to replacement within roadways and plot footprints – all site-generated aggregate has been placed by URL to achieve development levels and placement as pile mats plots and within roadways. Feedstock materials were inspected by URL staff for the identifiable presence of ACM prior to crushing with removal of suspect materials as necessary, no suspected material was identified.

3.4.2. The Remediation Strategy did not specify any testing requirements for site-generated aggregate and so SGP undertook testing for asbestos identification on a 1 per 500m³ basis to confirm suitability for use. Following processing, SGP collected 38 samples from the two types of aggregate submitted these to i2 Analytical Laboratory for an asbestos screen and, if detected, quantification.

3.4.3. A screening value of <0.001% for asbestos fibres was adopted as per Section 5.3 of the Remediation Strategy. A concentration above this does not preclude reuse but further risk assessment.

3.4.4. SGP attended site and collected the aggregate samples on 27.02.25, 30.04.25, 06.06.25, and 10.07.25. The results provided in laboratory certificates 25-008116-2, 25-010157-2, 25-01060-2, 25-022504-2, 25-028369, 25-030221, and 25-036935 (Appendix B) are summarised in Table 3.4 below.

Table 3.4 Summary of Site-won Aggregate Testing Results

Contaminant	Aggregate type	Samples	Range of Concentrations (mg/kg unless stated)	Residential Use		
				Screening criteria (mg/kg unless stated)	Number of Exceedances	Laboratory Certificate Number and Exceeding Samples
Asbestos	Demolition / General Crush	14	NAD-0.007%	<0.001%	1	25-010160: Agg-S7
	Concrete Crush	24	NAD-0.001%	<0.001%	0	None

Concrete Crush

3.4.5. Asbestos fibres were detected within 13 samples of the 'Concrete Crush' aggregate. These were generally identified as loose fibres of chrysotile, amosite, or crocidolite. Ten of the samples were quantified at <0.001% and three were quantified at 0.001%, the average of the 24 samples is <0.001%. This material was placed as road capping and pile mats and therefore located beneath permanent hardstanding. This is compliant with the Remediation Strategy (see Section 5.3) which stipulates that any material with a fibre mass of $\leq 0.001\%$ can be retained below highways and/or plots.

Demolition / General Crush

3.4.6. Asbestos fibres were detected within 8 samples of the 'Demolition / General Crush' aggregate. These were generally identified as loose fibres of chrysotile or amosite apart from one sample which was identified as chrysotile cement. Seven of the samples were quantified at <0.001%, making them suitable for retention beneath permanent areas of hardstanding as per the Remediation Strategy. This material was placed at depth as general fill to raise site levels.

3.4.7. One sample was quantified with a fibre mass of 0.007% (25-010160: Agg-S7). This was identified as 'chrysotile cement'. URL tracking records on 03.03.25 place this material in the south of the Site (within the footprint of former Building 24 – Reel Store). URL have confirmed this material was placed as a 1m thick layer on the natural formation level to provide a stable platform beneath the shared access, front gardens and drives. URL have also advised that the base of the dig was 122.7-

123.4m AOD which will place the material at 1.5m below the shared access (at 125.9m AOD and 1.7m below the front gardens. Therefore, it will be isolated beneath either permanent hardstanding or beneath the proposed cover system.

3.4.8. It is also important to note that the single 0.007% incidences fall within the lower range of fibre mass within the made ground as reported from the site investigation (<0.001-0.095%) and that the approved garden cover system, as detailed in the approved Strategy has been designed to mitigate against potential risk of exposure from the site's made ground to future residents.

3.4.9. SGP have undertaken a CL:AIRE Joint Industry Working Group (JIWG) assessment to determine the risk to construction workers that may be exposed to the asbestos¹ and to categorise the protection required when undertaking works within the impacted aggregate². These assessment tools provide the user with a decision support platform designed by the JIWG to assist in the risk-ranking activities and receptors as part of a preliminary risk assessment and the categorisation of work with asbestos under CAR2012³ and supports the JIWG Industry Guidance on the CAR-SOIL⁴. The assessment spreadsheets are provided in appendix E.

3.4.10. The assessment concluded that the overall risk to the construction workers was Very Low but recommends that dust suppression techniques are used and 'EN149 type FFP3 disposable' half masks are worn by workers carrying out any disturbance works through the impacted aggregate.

3.4.11. The main risk of exposure to the presence of residual ACM within the aggregate has been identified as construction workers carrying out excavation / piling works within the limited area where the affected aggregate has been placed. The risk to future site occupants is considered to be negligible as the impacted aggregate has been placed at approximately 1.5-1.7m below finished levels. Therefore, it will be isolated beneath either permanent hardstanding or beneath the proposed cover system.

3.5. POS soils

3.5.1. SGP sampled a stockpile of approximately 400m³ of site-won soils on 05.03.25 which contained organic material due to dense vegetation present with the proposed intention to reuse these soils within the POS area in the east. SGP took four samples to characterise the soils, achieving a sampling rate of 1 per 100m³, exceeding the rate for reuse in garden / POS areas specified in the Remediation Strategy (1 per 150m³).

¹ Join Industry Working Group for Asbestos in Soil and Construction Demolition Materials (2017). Decision support tool for the qualitative risk ranking of work activities and receptors involved in or exposed asbestos in soil and construction and demolition materials.

² Join Industry Working Group for Asbestos in Soil and Construction Demolition Materials (2017). Decision support tool for the categorisation of work activities involving asbestos in soil and construction and demolition materials.

³ UK Government (2012) Control of Asbestos Regulations 2012. www.gov.uk

⁴ CL:AIRE (2016). Control of Asbestos Regulations 2012: Interpretation for Managing and Working with Asbestos in Soil and Construction & Demolition materials: Industry Guidance

3.5.2. The samples were submitted for a generic suite of contaminants (asbestos ID, heavy metals, speciated polycyclic aromatic hydrocarbons (PAHs), and banded hydrocarbons (TPH-CWG). The complete soil analytical data is presented in Appendix B (i2 Laboratory ref: 25-011530).

3.5.3. In the absence of specified remediation criteria within the Remediation Strategy, SGP have compared the results to Generic Assessment Criteria (GACs) based on a residential public open space scenario (POS_{resi}). Where a DEFRA published Category 4 Screening Level (C4SL) is available this has been used to allow an initial screening for risk to human health in accordance with LCRM. This includes the provisional C4SL for lead in the absence of alternative published criteria. This is intended to demonstrate that land is not Contaminated Land as defined under Part IIA of the Environmental Protection Act.

3.5.4. Where a C4SL is not available (which includes the majority of the determinants tested for), the LQM / CIEH Suitable for Use Levels (S4ULs)⁵ have been utilised. These are derived for a sandy loam soil and reference is initially made to the S4ULs derived for a soil with 1% soil organic matter (residential public open space).

3.5.5. The results are shown in Table 3.5 below:

Table 3.5 Summary of POS Soil Chemical Analysis (lab ref: 25-022504-2)

Contaminant	Number of Samples	Range of Concentrations (mg/kg or indicated)	Soil Standard Adopted and Concentration (mg/kg or indicated)	Exceedances
Asbestos ID	9	NAD-0.004%	<0.001%	2x (POS-Soil-S2, POS-Soil-S4)
Arsenic	9	17-33	79 S4UL	None
Cadmium	9	0.7-1.0	120 S4UL	None
Chromium (total)	9	24-32	1,500 S4UL	None
Chromium VI	9	<1.2	7.7 S4UL	None
Copper	9	110-150	12,000 S4UL	None
Lead	9	270-320	630 C4SL	None
Mercury (inorganic)	9	<0.3	120 S4UL	None
Nickel	9	28-46	230 S4UL	None
Zinc	9	270-540	81,000 S4UL	None
Naphthalene	9	0.7-2.3	4,900 C4SL	None
Acenaphthylene	9	<0.05-0.07	15,000 S4UL	None
Acenaphthene	9	0.77-2.3	15,000 S4UL	None
Fluorene	9	0.49-1.6	9,900 S4UL	None
Phenanthrene	9	4.7-15	3,100 S4UL	None
Anthracene	9	1.0-3.1	74,000 S4UL	None
Fluoranthene	9	7-18	3,100 S4UL	None
Pyrene	9	6.6-16	7,400 S4UL	None
Benzo(a)anthracene	9	3-7.7	29 S4UL	None
Chrysene	9	3.5-8.0	57 S4UL	None
Benzo(a)pyrene	9	3.3-7.4	5.7 C4SL	1x (POS-Soil-S2)
Indeno(123cd)pyrene	9	1.6-3.7	82 S4UL	None
Dibenzo(ah)anthracene	9	0.47-0.96	0.57 S4UL	1x (POS-Soil-S2)

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Contaminant	Number of Samples	Range of Concentrations (mg/kg or indicated)	Soil Standard Adopted and Concentration (mg/kg or indicated)	Exceedances
Benzo(ghi)perylene	9	1.8-4.2	640 S4UL	None
Benzo(b)fluoranthene	9	3.6-7.6	7.1 S4UL	1x (POS-Soil-S2)
Benzo(k)fluoranthene	9	1.6-4.2	190 S4UL	None
Aliphatic >C5-C6	9	<0.01	57,000 S4UL	None
Aliphatic >C6-C8	9	<0.01	600,000 S4UL	None
Aliphatic >C8-C10	9	<0.01	13,000 S4UL	None
Aliphatic >C10-C12	9	<1	13,000 S4UL	None
Aliphatic >C12-C16	9	<2-3.3	13,000 S4UL	None
Aliphatic >C16-C21	9	<8-11	250,000 S4UL	None
Aliphatic >C21-C35	9	36-83	250,000 S4UL	None
Aromatic >C5-C7	9	<0.01	56,000 S4UL	None
Aromatic >C7-C8	9	<0.01	56,000 S4UL	None
Aromatic >C8-C10	9	<0.02	5,000 S4UL	None
Aromatic >C10-C12	9	<1-2	5,000 S4UL	None
Aromatic >C12-C16	9	2-11	5,100 S4UL	None
Aromatic >C16-C21	9	16-46	3,800 S4UL	None
Aromatic >C21-C35	9	58-69	3,800 S4UL	None
Benzene	9	<0.005	72 S4UL	None
Toluene	9	<0.005	56,000 S4UL	None
Ethylbenzene	9	<0.005	24,000 S4UL	None
m/p-xylene	9	<0.005	41,000 S4UL	None
o-xylene	9	<0.005	41,000 S4UL	None

Notes to table:

S4UL: LQM/CIEH Suitable for Use Levels (S4ULs), residential public open space (POS_{resi}), (1% SOM) Copyright Land Quality Management Ltd. Reproduced with permission publication number S4UL 3102. All rights reserved.

C4SL: Category 4 Screening Levels published by CL:AIRE (C4SLs); 'residential public open space' (1% SOM)

NAD: No Asbestos Detected

Asbestos

3.5.6. Two samples reported positive incidences of asbestos consisting of loose fibres of amosite and chrysotile. These samples were then quantified to confirm the fibre mass in each sample. One sample was reported at <0.001% (POS-Soil-S4) and the other was reported at 0.004% (POS-Soil-S2).

PAHs

3.5.7. One sample (POS-Soil-S2) reported exceedances for benzo(a)pyrene, dibenzo(ah)anthracene, and benzo(b)fluoranthene. The results were input into a PAH double ratio plot to determine the potential origin of the PAHs, whether the PAHs suggests a coal or a coal tar signature and whether the material is of a petrogenic or pyrolytic (burned) origin. The results of the assessment (plots are contained within Appendix F), show that the PAHs present in POS-Soil-S2 suggest a coal signature. PAHs bound within this form present a low bioavailability and therefore present a low risk to human health.

3.5.8. Due to the organic inclusions observed during the sampling exercise, three samples were submitted for dissolved organic carbon leachate testing. The results reported dissolved organic carbon concentrations between 8.9-10 mg/L.

3.5.9. Due to the exceeding asbestos sample, URL confirmed that they screened and removed the significant organic inclusions to reduce the overall volume and allow replacement of fills without introducing organic-rich material before placing the remaining fine material at 1.0m bgl beneath the POS area to the immediate south of the chimney, as shown in D01. The removed organic inclusions were exported off-site. This is compliant with the Remediation Strategy in terms of depth placement of fills containing asbestos.

3.6. Landfill Area Mound

3.6.1. Phase 2 of the Site relates to the former landfill area which will be subject to a separate Remediation Strategy and a separate phase of remedial works. However, works by Betts identified that the mound is located above the landfill and so does not form part of the landfill material. It was therefore proposed that recovery of the mound soils would be completed as part of Phase I works with the intention that these soils may be suitable for replacement beneath the proposed POS area in the east of Phase I.

3.6.2. URL recovered the mound material which totalled approximately 1,800m³. The Remediation Strategy has provided testing frequencies for site-won materials and in this instance the end-use was deemed as 'other' as the material will not be used in the cover system of gardens or areas of soft landscaping. Therefore, a testing frequency of 1 per 200m³ was applied.

3.6.3. The recovered mound soil was observed as a very loose dark brown slightly silty sandy topsoil with inclusions of plastic and glass fragments, and rare fine gravel.

3.6.4. A total of nine samples were taken by SGP from the stockpiled material in the west of the Site on 30.04.25. No chemical testing suite was specified for this material within the Remediation Strategy; therefore, the samples were submitted for a generic suite of contaminants (asbestos ID, heavy metals, speciated polycyclic aromatic hydrocarbons (PAHs), and banded hydrocarbons (TPH-CWG). The complete soil analytical data is presented in Appendix B (i2 Laboratory ref: 25-022504; SP-S1 to SP-S9).

3.6.5. In the absence of remediation criteria within the Remediation Strategy, SGP have compared the results to Generic Assessment Criteria (GACs) based on a residential public open space scenario (POS_{resi}). Where a DEFRA published Category 4 Screening Level (C4SL) is available this has been used to allow an initial screening for risk to human health in accordance with LCRM. This includes the provisional C4SL for lead in the absence of alternative published criteria. This is intended to demonstrate that land is not Contaminated Land as defined under Part IIA of the Environmental Protection Act.

3.6.6. Where a C4SL is not available (which includes the majority of the determinants tested for), the LQM / CIEH Suitable for Use Levels (S4ULs)⁶ have been utilised. These are derived for a sandy loam soil and reference is initially made to the S4ULs derived for a soil with 1% soil organic matter (residential public open space).

3.6.7. The results are shown in Table 3.6 below.

Table 3.6 Summary of 'Landfill Mound' Chemical Analysis (lab ref: 25-022504)

Contaminant	Number of Samples	Range of Concentrations (mg/kg or indicated)	Soil Standard Adopted and Concentration (mg/kg or indicated)	Exceedances
Asbestos ID	9	NAD-0.012%	<0.001%	3x (SP-S1, SP-S2, SP-S3,)
Arsenic	9	24-34	79 S4UL	None
Cadmium	9	1.1-1.3	120 S4UL	None
Chromium (total)	9	36-51	1,500 S4UL	None
Chromium VI	9	<1.2	7.7 S4UL	None
Copper	9	100-170	12,000 S4UL	None
Lead	9	270-330	630 C4SL	None
Mercury (inorganic)	9	<0.4-0.5	120 S4UL	None
Nickel	9	37-43	230 S4UL	None
Zinc	9	234-330	81,000 S4UL	None
Naphthalene	9	0.9-8.3	4,900 C4SL	None
Acenaphthylene	9	0.1-0.4	15,000 S4UL	None
Acenaphthene	9	3.3-7.4	15,000 S4UL	None
Fluorene	9	2.3-6.2	9,900 S4UL	None
Phenanthrene	9	17-40	3,100 S4UL	None
Anthracene	9	4.5-8.8	74,000 S4UL	None
Fluoranthene	9	27-53	3,100 S4UL	None
Pyrene	9	24-48	7,400 S4UL	None
Benzo(a)anthracene	9	12-24	29 S4UL	None
Chrysene	9	13-24	57 S4UL	None
Benzo(a)pyrene	9	14-25	5.7 C4SL	All 9 samples
Indeno(123cd)pyrene	9	5.9-10	82 S4UL	None
Dibenzo(ah)anthracene	9	1.3-2.8	0.57 S4UL	All 9 samples
Benzo(ghi)perylene	9	6.5-11	640 S4UL	None
Benzo(b)fluoranthene	9	15-26	7.1 S4UL	All 9 samples
Benzo(k)fluoranthene	9	5.0-11	190 S4UL	None
Aliphatic >C5-C6	9	<0.01	57,000 S4UL	None
Aliphatic >C6-C8	9	<0.01	600,000 S4UL	None
Aliphatic >C8-C10	9	<0.01	13,000 S4UL	None
Aliphatic >C10-C12	9	<1	13,000 S4UL	None
Aliphatic >C12-C16	9	<2-8.8	13,000 S4UL	None
Aliphatic >C16-C21	9	28-57	250,000 S4UL	None
Aliphatic >C21-C35	9	90-160	250,000 S4UL	None
Aromatic >C5-C7	9	<0.01	56,000 S4UL	None
Aromatic >C7-C8	9	<0.01	56,000 S4UL	None
Aromatic >C8-C10	9	<0.02	5,000 S4UL	None
Aromatic >C10-C12	9	1.1-8.3	5,000 S4UL	None
Aromatic >C12-C16	9	16-45	5,100 S4UL	None
Aromatic >C16-C21	9	97-210	3,800 S4UL	None
Aromatic >C21-C35	9	140-280	3,800 S4UL	None

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Contaminant	Number of Samples	Range of Concentrations (mg/kg or indicated)	Soil Standard Adopted and Concentration (mg/kg or indicated)	Exceedances
Benzene	9	<0.005	72 S4UL	None
Toluene	9	<0.005	56,000 S4UL	None
Ethylbenzene	9	<0.005	24,000 S4UL	None
m/p-xylene	9	<0.005	41,000 S4UL	None
o-xylene	9	<0.005	41,000 S4UL	None

Notes to table:

S4UL: LQM/CIEH Suitable for Use Levels (S4ULs), residential public open space (POS_{resi}), (1% SOM) Copyright Land Quality Management Ltd. Reproduced with permission publication number S4UL 3102. All rights reserved.

C4SL: Category 4 Screening Levels published by CL:AIRE (C4SLs); 'residential public open space' (1% SOM)

NAD: No Asbestos Detected

3.6.8. The above table has identified several contaminant exceedances based on a soil with a 1% SOM and for a residential public open space. These are discussed further below.

Asbestos

3.6.9. All 9 samples detected asbestos fibres. Following quantification, three of the samples were reported above <0.001%. These were within SP-S1 (0.012%), SP-S2 (0.002%) and SP-S3 (0.002%).

PAHs

3.6.10. PAH exceedances were reported for benzo(a)pyrene, dibenzo(ah)anthracene, and benzo(b)fluoranthene. These were reported within all nine samples.

3.6.11. The results of specific PAH contaminants were input into a PAH double ratio plot to determine the potential origin of the PAHs, whether the PAHs suggests a coal or a coal tar signature and whether the material is of a petrogenic or pyrolytic (burned) origin. The results of the assessment (ratio-plots are provided in Appendix F), show that the PAHs suggest a coal signature. The risk to human health associated with PAHs within fragments of coal is very low due to the low bioavailability with PAHs sequestered in a carbon or vitrified matrix.

3.6.12. Due to the presence of asbestos fibres above quantification detection limits (<0.001%) it was considered that the soils were unsuitable for use as surface soils within the POS but could be placed at depth (>1m) as per the Remediation Strategy. URL subsequently confirmed that the mound soils have been placed below the POS area at a depth greater than 1m, as shown in D01.

4. Conclusions

- 4.1. URL has carried out the Site preparatory and remediation earthworks on Phase 1 at the former Mondi Papers Mill, off Acre Lane, Ramsbottom, and SGP has undertaken independent inspections and testing of materials in accordance with the approved Remediation Strategy.
- 4.2. The ground conditions encountered were consistent with those described in the previous reporting and no revisions to the agreed Strategy have been required as a result of the inspections, investigations and assessments carried out contemporaneously with the remediation earthworks.
- 4.3. No hotspots were identified in the Remediation Strategy; however, an underground tank (HS1) was removed on the northern boundary. There was no indication of any residual contamination present and to confirm these on-site observations, representative sampling and chemical testing was undertaken on the remediation excavation base and sidewalls for TPHCWG and BTEX and compared to Generic Assessment Criteria for residential soils. No exceedances were reported which confirmed further remedial works were not required.
- 4.4. Approximately 11,600m³ of aggregate has been generated following crushing of oversized hard standing recovered on site which was split into two types 'Demolition / General Crush' and 'Concrete Crush'. The 'Demolition / General Crush' has been placed by URL as general fill to raise site levels, and the 'Concrete Crush' has been placed within plot footprints and roads across the Site. Whilst not a requirement of the Strategy, testing of the site generated aggregate was undertaken for asbestos identification only. Sampling of the aggregate has been completed achieving a testing frequency of 1 sample per 500m³. Trace asbestos fibres ($\leq 0.001\%$) have been reported with a single sample (of the Demolition / General Crush) reporting a concentration above this at 0.007%. Following notification of the results to URL, this portion of the stockpile was placed at depth in the south (see Drawing D01) at a depth of 1.5-1.7m below finished levels. Whilst the risk of exposure to future site occupants is considered negligible, there is a small but not negligible risk of exposure to construction workers through either deep excavations or during piling works although both are expected to be minimal in duration. To support this further, a JIWG assessment was undertaken on this sample. The assessment concluded a very low risk, but mitigation measures were recommended for construction workers undertaking excavation works at depth at this area.
- 4.5. Soils recovered from a landscaping/verge area in March 2025 were sampled to assess potential for reuse with the POS area to the immediate south of the chimney. Sampling reported the presence of asbestos fibres in two samples ($< 0.001\%$ and 0.004%). Due to the maximum fibre concentration reuse within the POS was not considered appropriate and so the vegetation was screened out to reduce the overall volume and the remaining soils were replaced at a depth of 1m bgl which is compliant with the Strategy.

- 4.6. Whilst works within the Phase 2 area (former landfill) will be completed under a separate Strategy and verification report, surface mounds which have been accepted by the regulators to not form part of the landfill have been recovered and tested to establish reuse within Phase I. Testing also reported the presence of asbestos fibres above quantification limits (0.012%, 0.002% and 0.002%) and so this material was replaced at a minimum depth of 1m below the POS in the east which is compliant with the Strategy.
- 4.7. It is concluded that the preparatory remediation earthworks for the Site have been completed in accordance with the Remediation Strategy and that developer mitigation measures (soil cover system and installation of gas protection measures) will not be implemented.

5. Recommendations

Construction Workers

- 5.1. As per recommended measures outlined in the JIWG assessment (see Appendix E), any construction workers undertaking excavation works through the aggregate placed at 1.5-1.7m below finished levels in the southeast of the site should be utilising dust suppression techniques and wearing 'EN149 type FFP3 disposable' half masks are worn by workers carrying out any disturbance works through the impacted aggregate as indicated on D01.

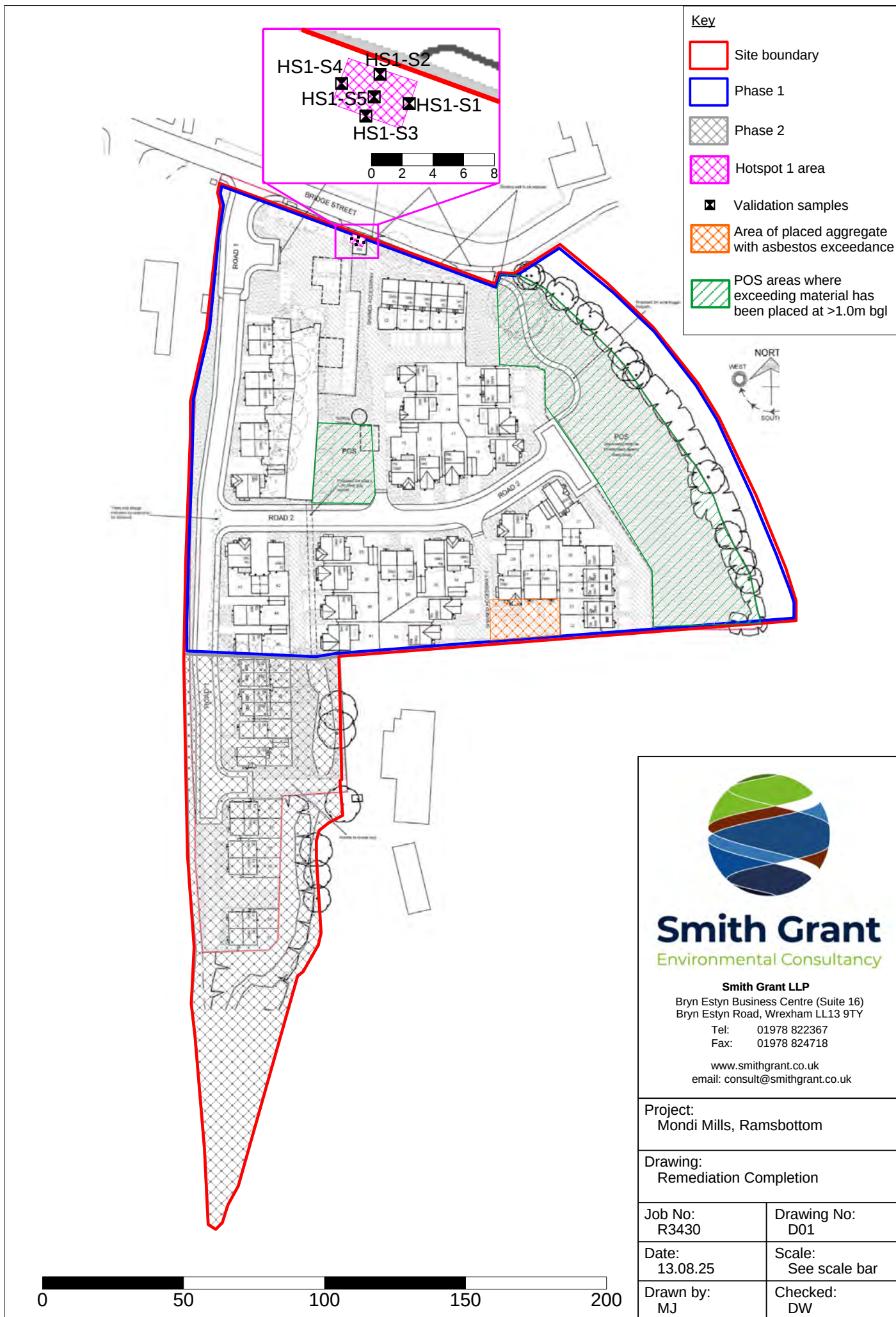
Developer-Stage Mitigation Measures

- 5.2. Developer stage mitigation measures as outlined within Section 5 of the approved Remediation Strategy including the installation and verification of gas protection measures and clean garden cover systems will now be implemented
- 5.3. With the adoption of the above normal practices for Brownfield development, and on the information available to it, SGP concludes that the preparatory remedial works for the former Mondi Papers, Ramsbottom have been completed in accordance with the agreed strategy and that the construction phase of development may commence.

Limitations

- 5.4. SGP reserves the right to alter any of the foregoing information in the event of new information being disclosed or provided and in the light of changes to legislation, guidelines and responses by the statutory and regulatory authorities.
- 5.5. This report has been prepared by Smith Grant LLP, for the sole and exclusive use of Urban Regen Ltd, the benefit of this report may not be assigned to any third party without the prior agreement in writing of Smith Grant LLP.
- 5.6. Reasonable skill, care and diligence has been exercised within the timescale and budget available, and in accordance with the technical requirements of the brief. Notwithstanding the efforts made by the professional team in undertaking the assessment and preparing this report, it is possible that other ground conditions and contamination as yet undetected may exist. Reliance on the findings of this report must therefore be limited accordingly. Such reliance must be based on the whole report and not on extracts which may lead to incomplete or incorrect conclusions when taken out of context.

DRAWINGS



Smith Grant

Environmental Consultancy

Smith Grant LLP

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Tel: 01978 822367

Fax: 01978 824718

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email: consult@smithgrant.co.uk

Project:
Mondy Mills, Ramsbottom

Drawing:
Remediation Completion

Job No:
R3430

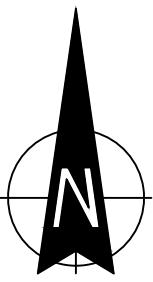
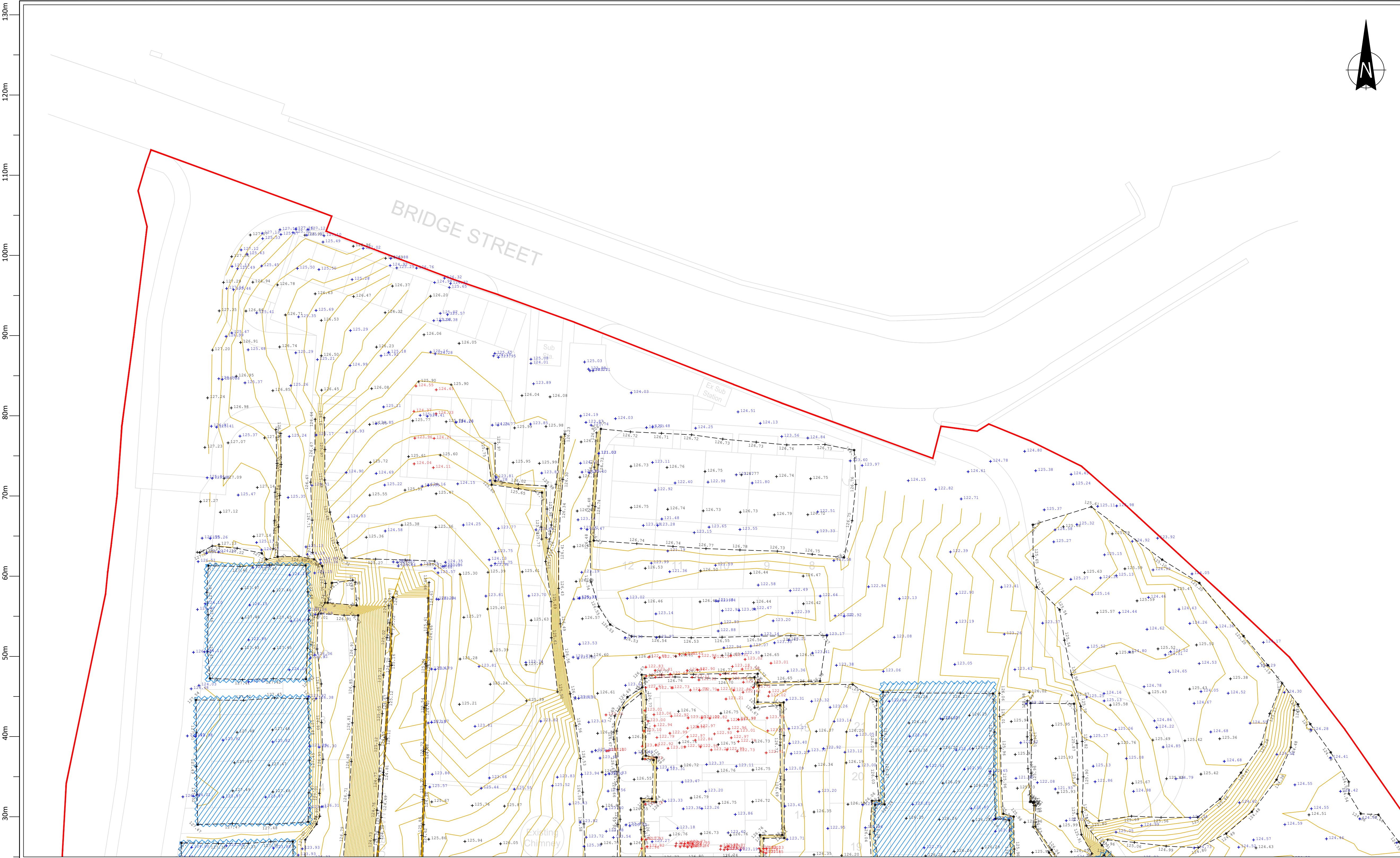
Drawing No:
D01

Date:
13.08.25

Scale:
See scale bar

Drawn by:
MJ

Checked:
DW



- Legend**
- Site boundary
 - Spot level - As Built
 - Top/bottom of bank/break of slope - As Built
 - Contour - As built (0.1m interval)
 - 6F2/6F5 piling mats/road box (approximate extent only)
 - Spot Level - Base of Dig
 - Retained piles (See Note 6)
 - Retained structures (See Note 7)
 - Extraction Wells (See Note 8)

- Notes**
- This plan is to be read in conjunction with all other associated reports/drawings/information.
 - The development layout depicted on this drawing was extracted from drawing 'Holcombe Mill_Bridge Street_Ramsbottom-Planning Layout Rev R' supplied digitally by the Client.
 - The site trim specification is as specified/agreed by/with the Client; and as detailed.
 - Due to the potential for live services and issues associated with withdrawal of support, remediation works have been carried out to within circa 1m of the site boundary (unless otherwise stated).
 - The location of services as detailed are approximate only (unless otherwise stated).
 - Piles encountered were broken off below natural ground, at the level detailed.
 - Boundary concrete ring beam along Cricket Ground kept in as agreed with Eccleston Homes.
 - Extraction wells decommissioned with concrete cap.

Client responsibilities post handover

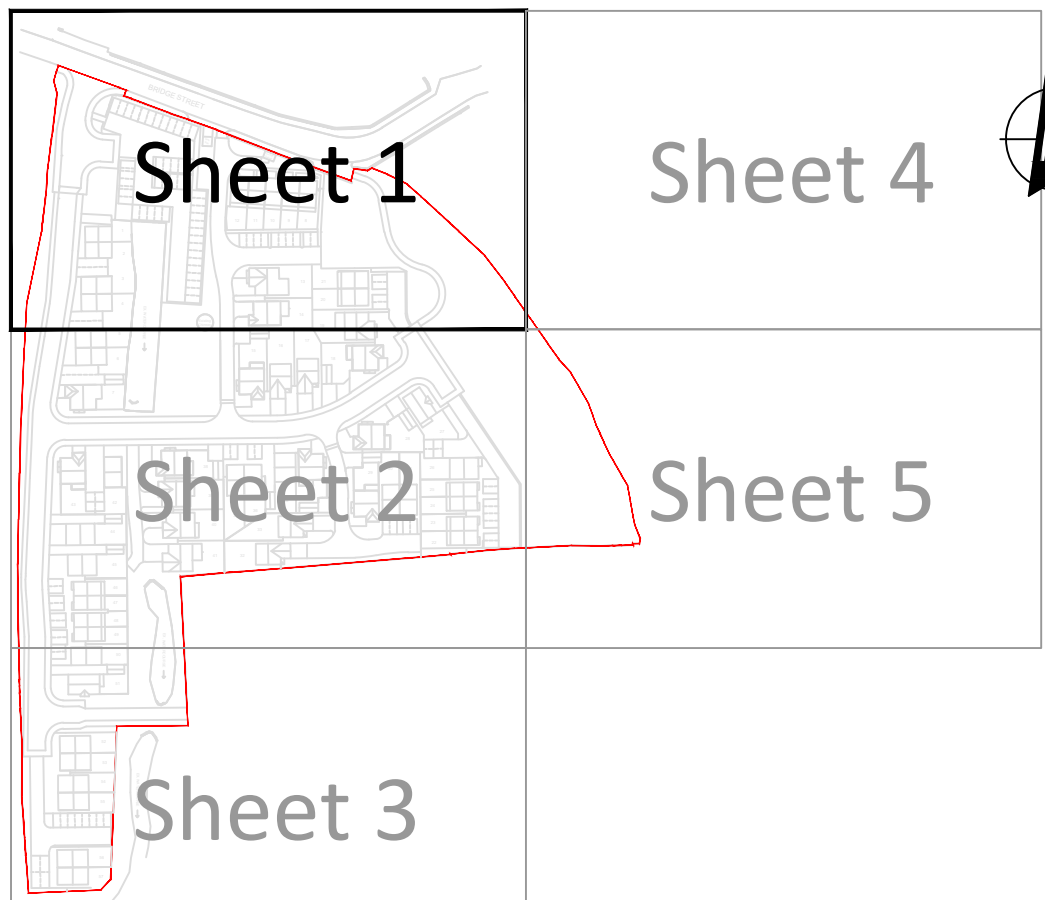
To minimise any impact to the constructed landform, the site is to be suitably managed with the following recommendations considered prior to/during construction activities:

- Up-fill/made-ground/6F2/6F5 materials will degrade if trafficked when saturated, or during wet weather conditions. Any degradation of the materials is likely to require maintenance.
- Due to the potential degradation of materials from trafficking/wet weather, pile mats should be re-assessed to inform temporary works requirements, prior to use.
- When trafficking the site, vehicle movements should be restricted to designated haul routes i.e., site roads.
- To facilitate drainage/drying of the site, any standing water is to be pumped to non-construction areas, or discharged to surface water/drain. Any discharge into surface waters is to be in accordance with Regulatory Position Statement 261 'Temporary de-watering from excavations to surface water', or an associated discharge permit.
- When ponding waters have been removed, the site is to be left for a suitable period of time to allow residual moistures to drain through the materials.
- Excavated materials should be well managed, with different materials stored separately on areas not prone to ponding; the materials being sealed to minimise moisture ingress.

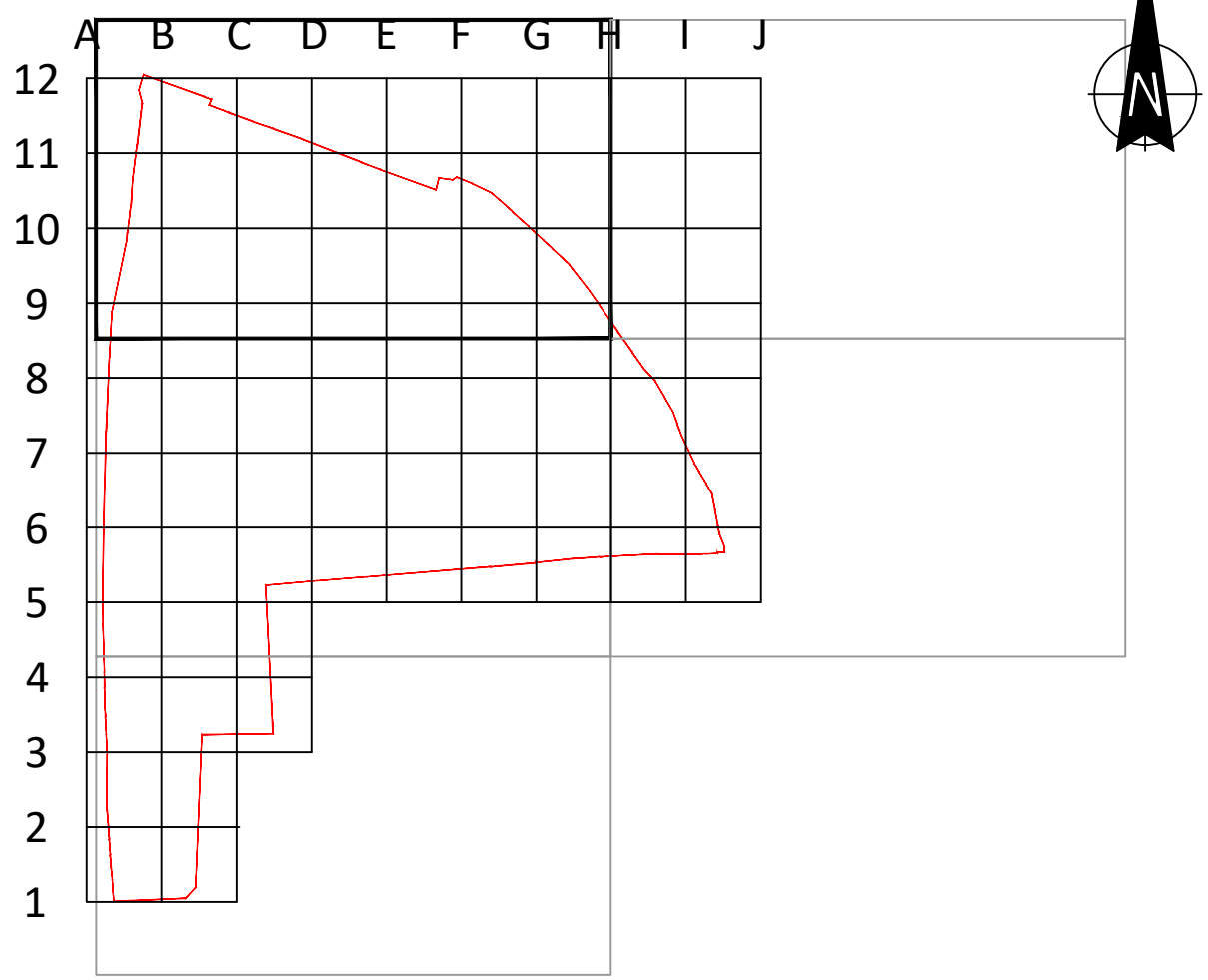
Survey Information:			
Co-ord System:	Co-ord Type:	Primary Survey Control:	Secondary Survey Control:
OSGB36(15)	Grid	SmartNet	Site

Rev	Date	Amendment	Drawn	Checked
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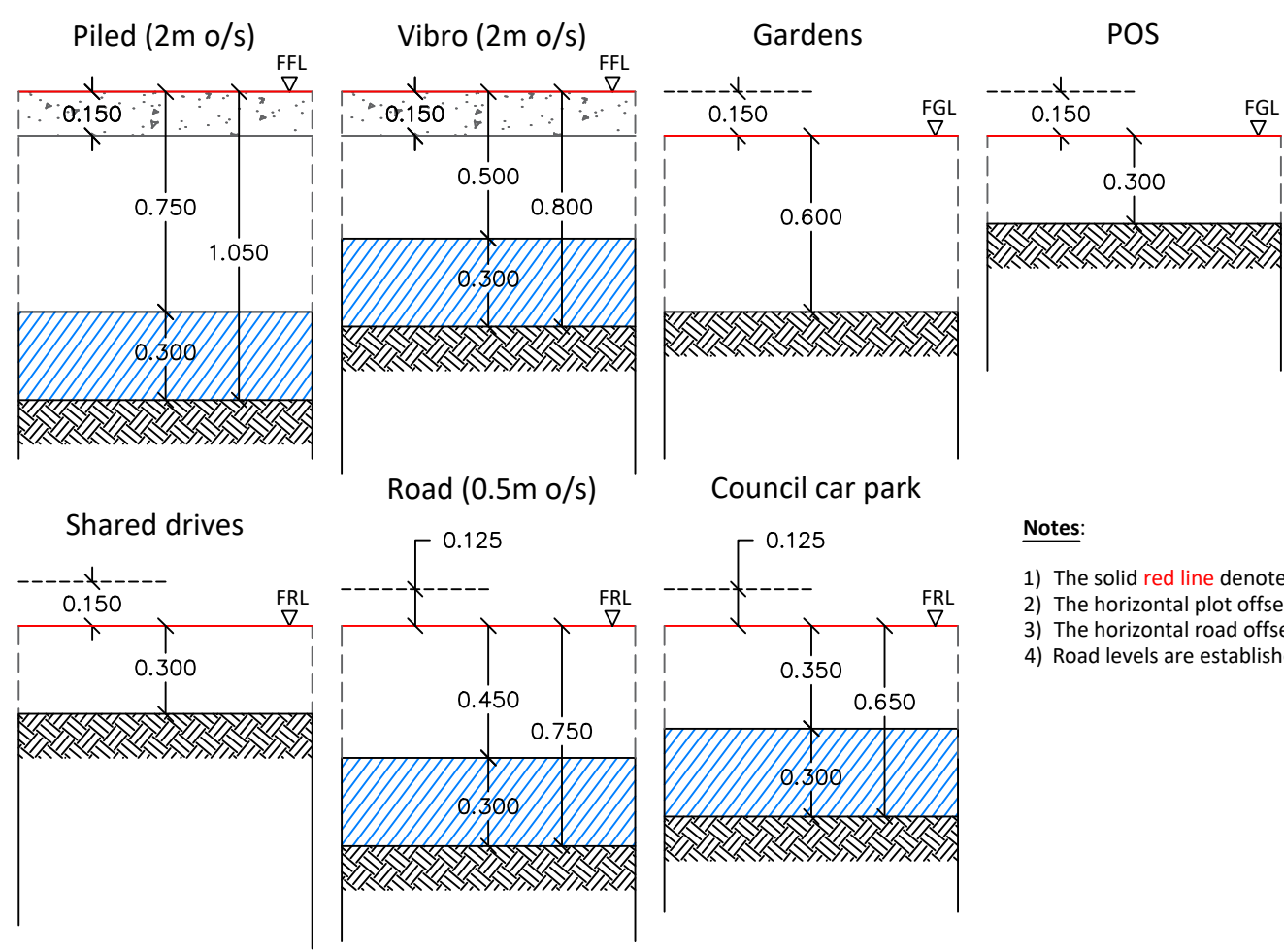
Sheet Plan



Validation grid (25m x 25m)



Trim specification



- Notes:**
- The solid red line denotes the reference levels as provided on the relevant design drawings.
 - The horizontal plot offset is 2.0m beyond building footprint.
 - The horizontal road offset is 0.5m beyond the kerb.
 - Road levels are established from channel levels.



Client:

Eccleston Homes

Project:

Mondi Mill
Ramsbottom

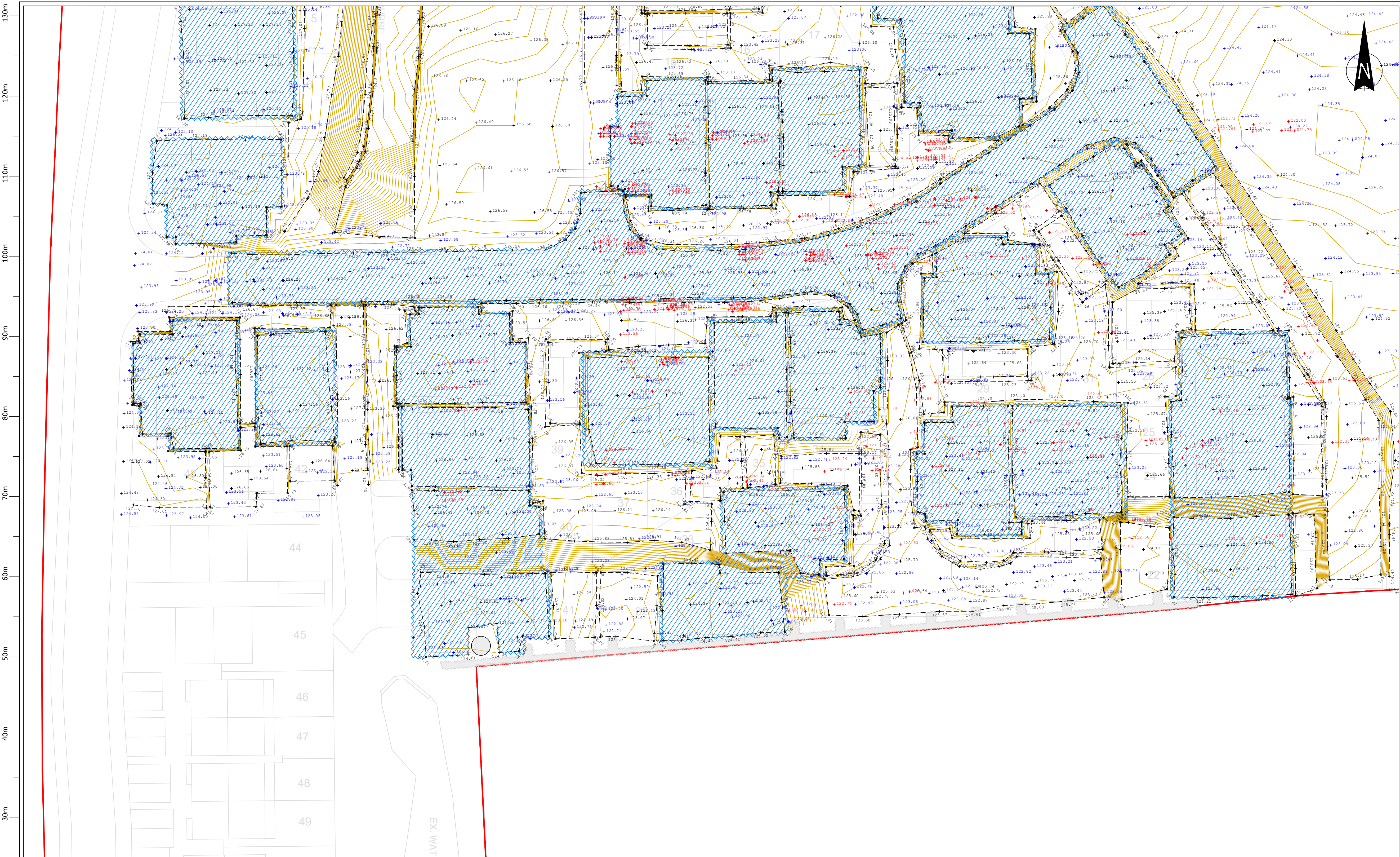
Title:

As built topographic survey
and constraints (Sheet 1 of 5)

Scale:	First Issue:	Drawn:	Checked:
1:250 @ A1	16-07-2025	R.Corrigan	R.Parry

Drawing No:	Revision:
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414-001-01



- Legend**
- Site boundary
 - Spot level - As Built
 - Top/bottom of bank/break of slope - As Built
 - Contour - As built (0.1m interval)
 - 6F2/6F5 piling mats/road box (approximate extent only)
 - Spot Level - Base of Dig
 - Retained piles (See Note 6)
 - Retained structures (See Note 7)
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- Notes**
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 - Extraction wells decommissioned with concrete cap.

Client responsibilities post handover

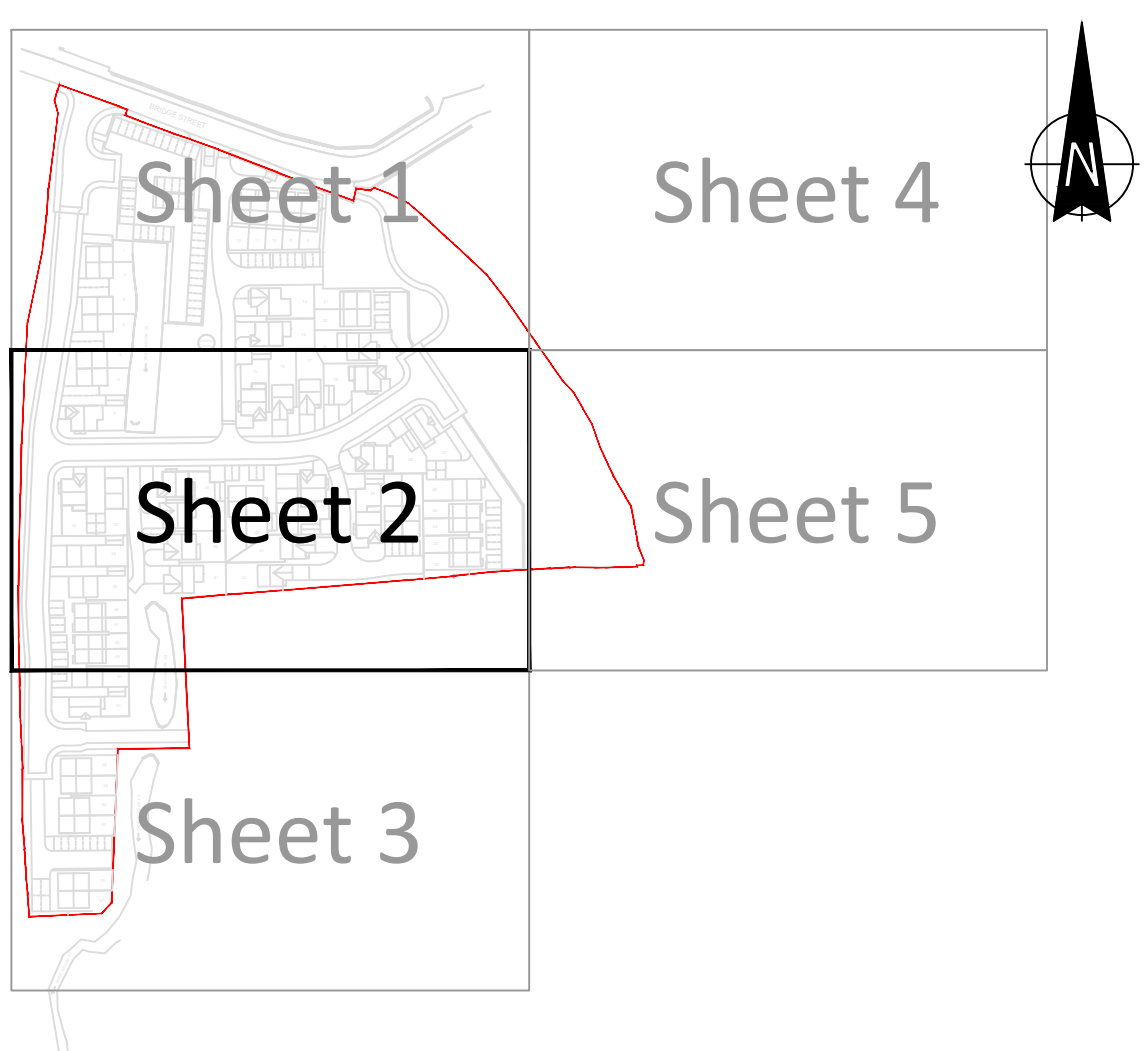
To minimise any impact to the constructed landform, the site is to be suitably managed with the following recommendations considered prior to/during construction activities:

- Up-fill/made-ground/6F2/6F5 materials will degrade if trafficked when saturated, or during wet weather conditions. Any degradation of the materials is likely to require maintenance.
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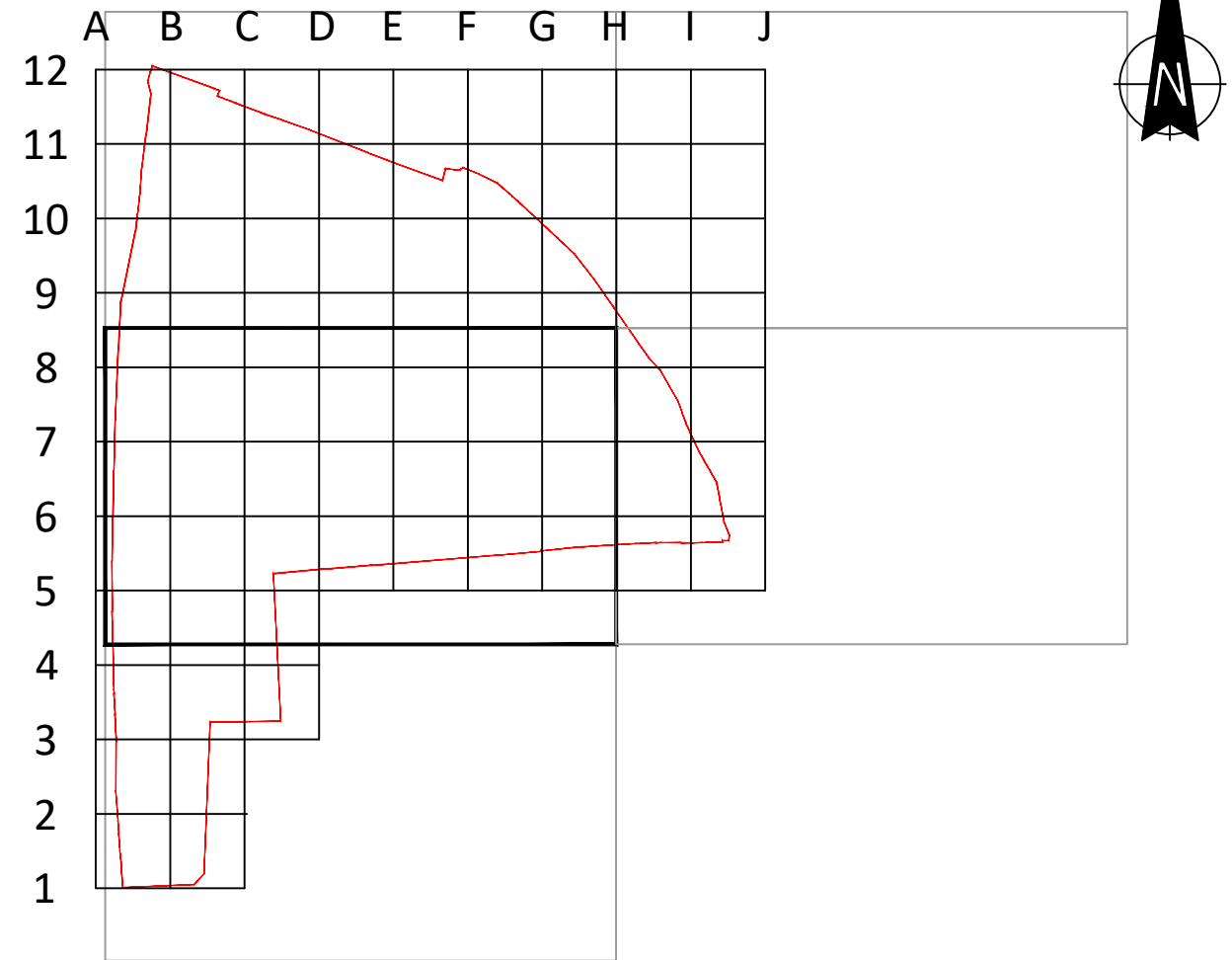
Survey Information:			
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OSGB36(15)	Grid	SmartNet	Site

Rev	Date	Amendment	Drawn	Checked
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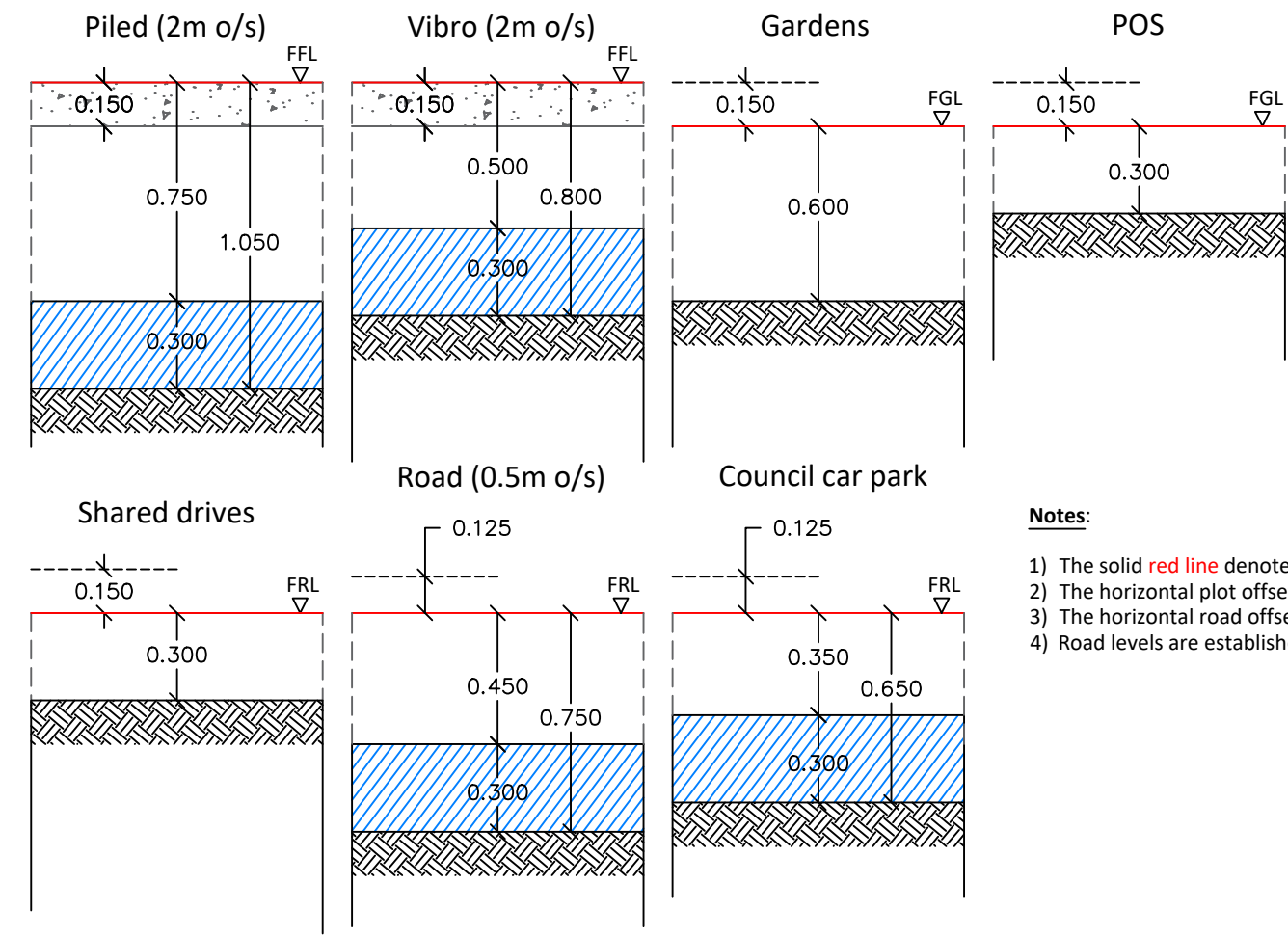
Sheet Plan



Validation grid (25m x 25m)



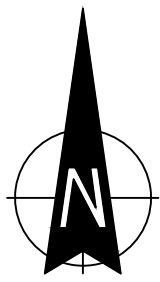
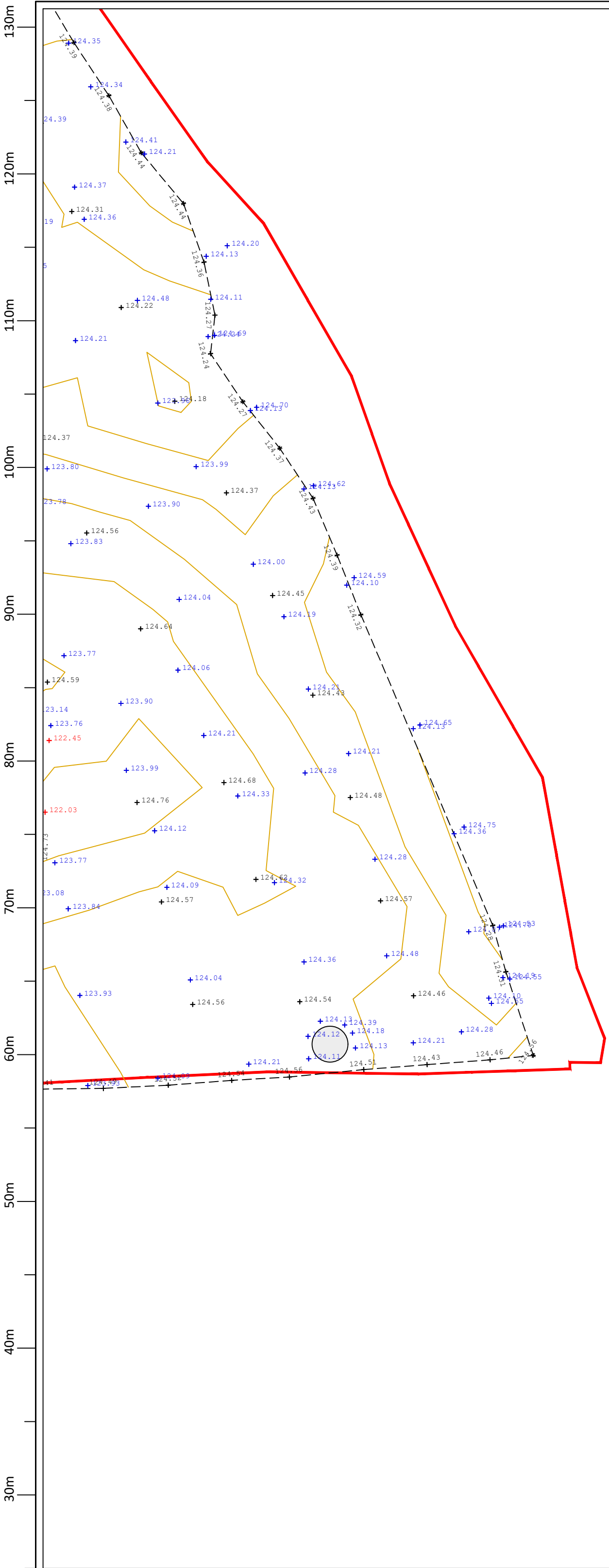
Trim specification



- Notes:**
- The solid red line denotes the reference levels as provided on the relevant design drawings.
 - The horizontal plot offset is 2.0m beyond building footprint.
 - The horizontal road offset is 0.5m beyond the kerb.
 - Road levels are established from channel levels.



Client:	Eccleston Homes		
Project:	Mondi Mill Ramsbottom		
Title:	As built topographic survey and constraints (Sheet 2 of 3)		
Scale:	1:250 @ A1	First Issue:	16-07-2025
Drawn:	R.Corrigan	Checked:	R.Parry
Drawing No:	414-001-02		Revision:



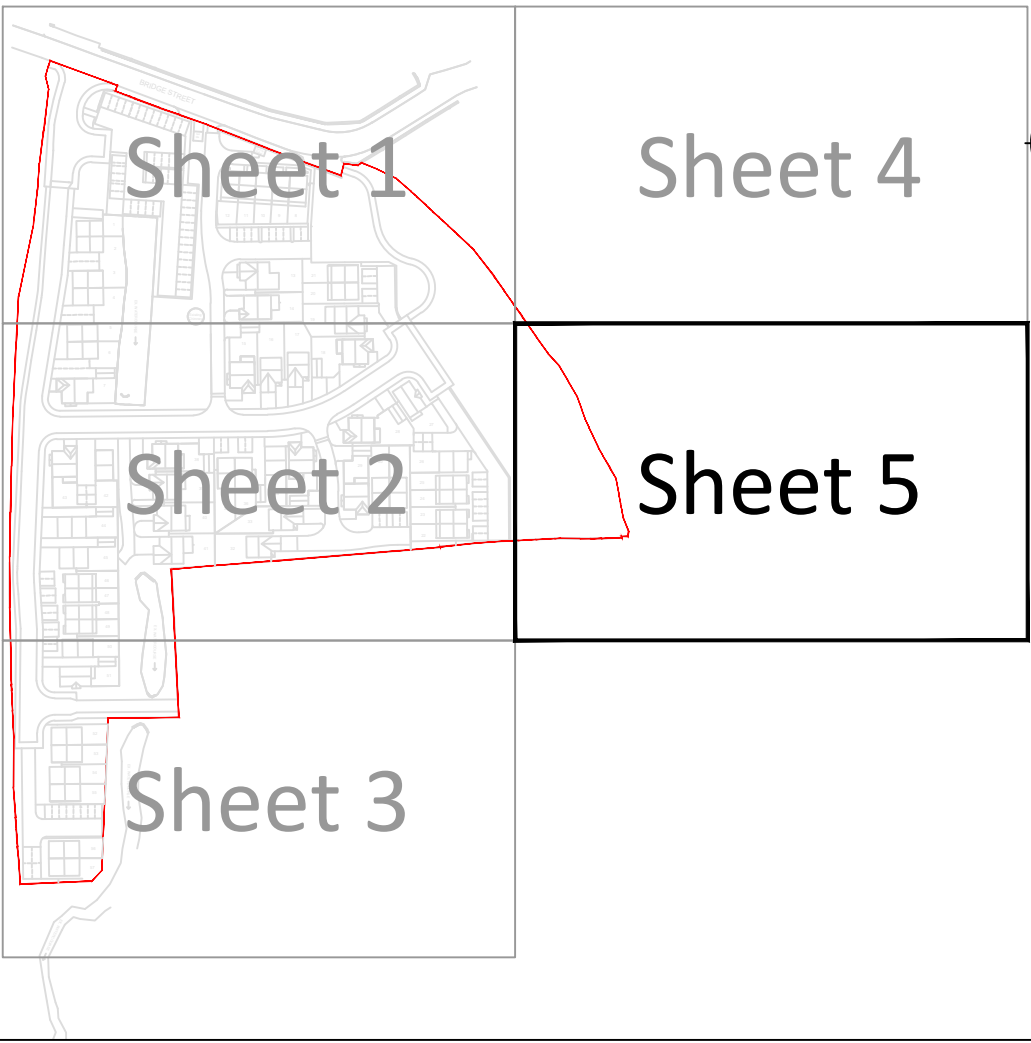
Legend	
Site boundary	
Spot level - As Built	
Top/bottom of bank/break of slope - As Built	
Contour - As built (0.1m interval)	
6F2/6F5 piling mats/road box (approximate extent only)	
Spot Level - Base of Dig	
Retained piles (See Note 6)	
Retained structures (See Note 7)	
Extraction Wells (See Note 8)	

- Notes**
1. This plan is to be read in conjunction with all other associated reports/drawings/information .
 2. The development layout depicted on this drawing was extracted from drawing **Halcombe Mill_Bridge Street_Ramsbottom-Planning Layout Rev R'** supplied digitally by the Client.
 3. The site trim specification is as specified/agreed by/with the Client; and as detailed.
 4. Due to the potential for live services and issues associated with withdrawal of support; remediation works have been carried out to within circa 1m of the site boundary (unless otherwise stated).
 5. The location of services as detailed are approximate only (unless otherwise stated).
 6. Piles encountered were broken off below natural ground, at the level detailed.
 7. Boundary concrete ring beam along Cricket Ground kept in as agreed with Eccleston Homes.
 8. Extraction wells decommissioned with concrete cap.

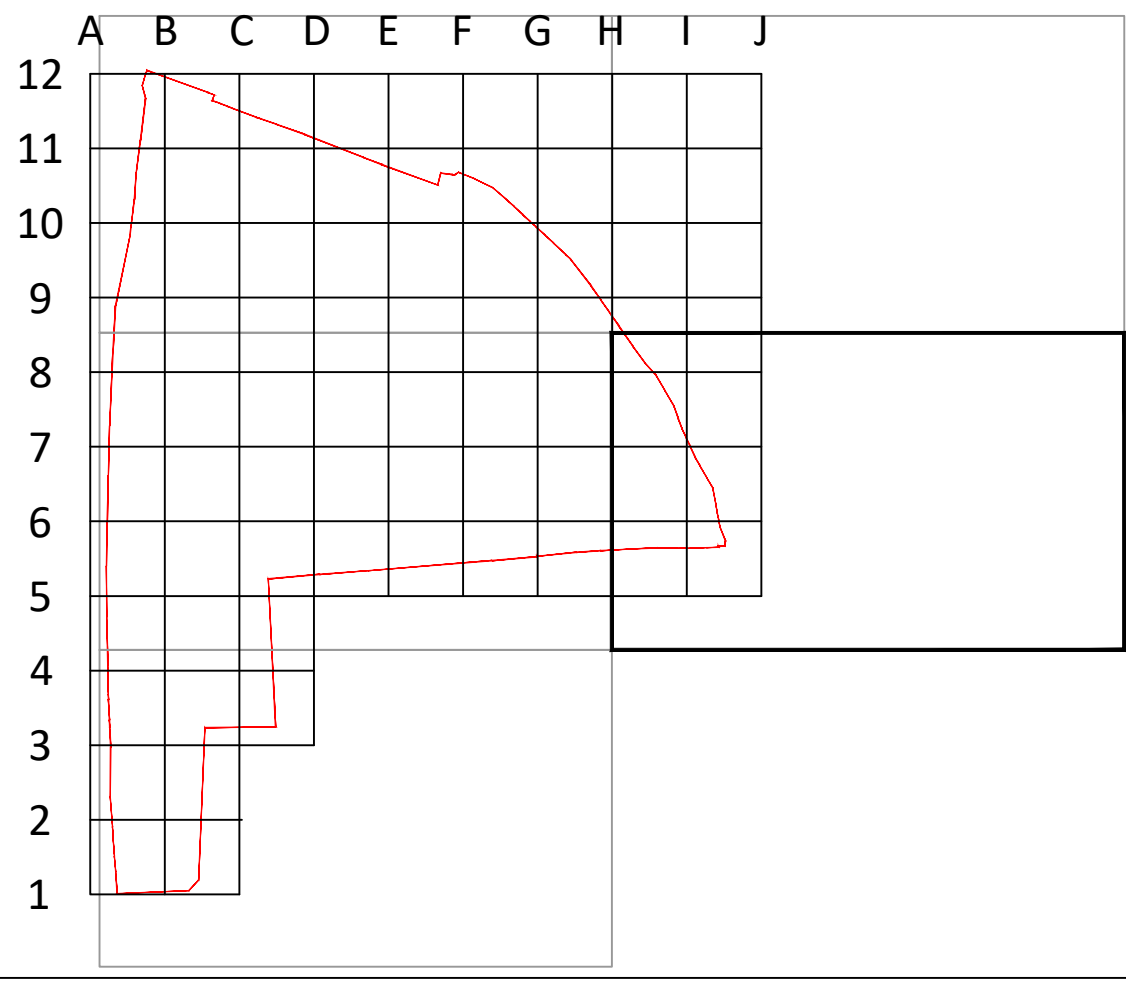
- Client responsibilities post handover**
- To minimise any impact to the constructed landform, the site is to be suitably managed with the following recommendations considered prior to/during construction activities:
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Survey Information:			
Co-ord System:	Co-ord Type:	Primary Survey Control:	Secondary Survey Control:
OSGB36(15)	Grid	SmartNet	Site
Rev	Date	Amendment	Drawn Checked

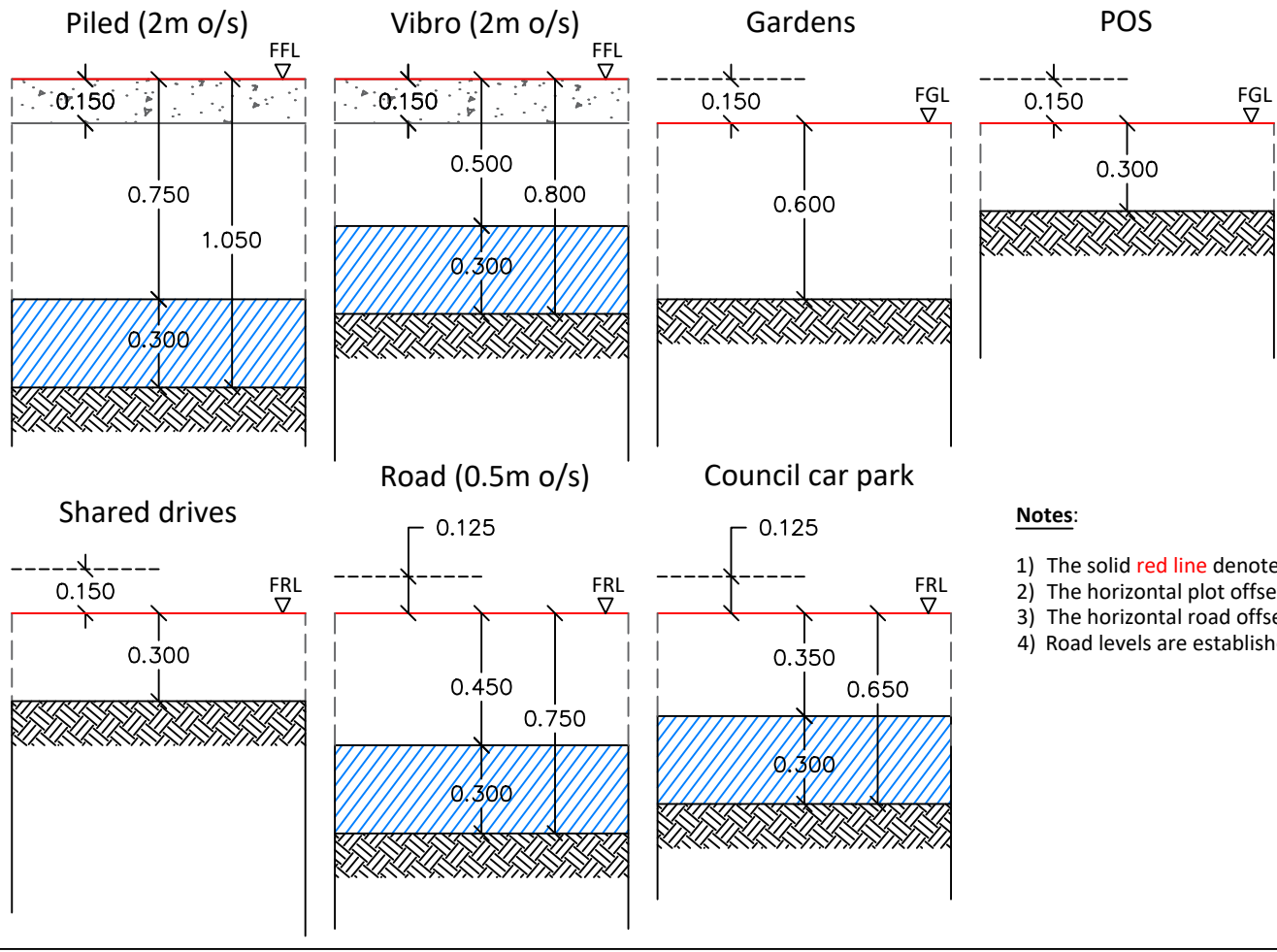
Sheet Plan



Validation grid (25m x 25m)



Trim specification



- Notes:**
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 - 2) The horizontal plot offset is 2.0m beyond building footprint.
 - 3) The horizontal road offset is 0.5m beyond the kerb.
 - 4) Road levels are established from channel levels.



Client:	Eccleston Homes		
Project:	Mondi Mill Ramsbottom		
Title:	As built topographic survey and constraints (Sheet 5 of 5)		
Scale:	First Issue:	Drawn:	Checked:
1:250 @ A1	16-07-2025	R.Corrigan	R.Parry
Drawing No:	414-001-05		Revision:

APPENDIX A

Site Photographs

R3430-Mondi Papers, Ramsbottom Remediation Validation Photolog

1.



15.01.25 – View east across Site

2.



15.01.25 – Former mill building and chimney

3.



15.01.25 – Former mill buildings

4.



15.01.25 – View south across Site

5.



15.01.25 – View west along north boundary

6.



15.01.25 – View of stockpiled vegetation awaiting removal

7.



23.01.25 – Demolition of former mill buildings in progress

8.



23.01.25 - Demolition of former mill buildings in progress

9.



23.01.25 – Stockpiled recovered materials

10.



23.01.25 – View east across Site

11.



28.01.25 – Archaeology excavation adjacent to chimney exposing below ground structures

12.



28.01.25 – Eastern view following clearance of scrub vegetation

13.



28.01.25 – Southeast view with previously broken out hardstanding stockpile awaiting processing

14.



28.01.25 – One building remaining in the northwest within area where URL are locating services which enter the Site

15.



03.02.25 – View east following demolition

16.



03.02.25 – Chimney with one building remaining

17.



03.02.25 – Stockpiled recovered concrete awaiting processing

18.



03.02.25 – Machine breaking out concrete in the east

19.



03.02.25 – Machine clearing northwest boundary of mounded soils

20.



03.02.25 – Machine pecking concrete on west boundary

21.



11.02.25 – Stockpiled demolition rubble of brick and concrete

22.



11.02.25 – Former well area in north, as reported by URL

23.



11.02.25 – Machine moving oversized concrete

24.



11.02.25 – Stockpiled oversize awaiting processing

25.



11.02.25 – Area of very soft silty clay where old piles were removed

26.



11.02.25 – Retaining wall on south boundary

27.



18.02.25 – Crushed demo rubble used to raise levels

28.



18.02.25 – Slab in west of Site

29.



18.02.25 – Asbestos stockpile being handpicked by train URL operatives

30.



18.02.25 – Crushing of demo rubble

31.



27.02.25 – Crusher crushing concrete

32.



27.02.25 – Crushed demo rubble

33.



27.02.25 – Concrete stockpile

34.



27.02.25 – Tank pull area

35.



27.02.25 – Pulled tank from north boundary

36.



27.02.25 – URL breaking out concrete in south

37.



05.03.25 – Turnover in the south

38.



05.03.25 – Turnover soils

39.



05.03.25 – Turnover soils completed to the north of chimney

40.



05.03.25 – Regrading site-won sub-base material in the northwest

41.



05.03.25 – Turnover of made ground taking place to the south of the chimney (former boiler house)

42.



05.03.25 – Stockpile of organic soils recovered from site pending testing to establish potential for reuse

43.



11.03.25 – Turnover complete on west boundary

44.



11.03.25 – Northern boundary where UST was removed

45.



11.03.25 – Crushed concrete stockpile

46.



11.03.25 – Phase 1 completed turnover

47.



11.03.25 – Depth of placed fill in Phase 1

48.



11.03.25 – Machine removing road near chimney

49.



19.03.25 – Machine breaking out concrete

50.



19.03.25 – Transferring of concrete

51.



24.03.25 – Machines removing material from southern wall footings

52.



24.03.25 – Investigating southern wall footings

53.



24.03.25 – View northwest across Site

54.



24.03.25 – View southwest towards active machine area

55.



03.04.25-Machines regrading site in northeast

56.



03.04.25-View northwest from southeast corner

57.



10.04.25 – Machines processing crush

58.



10.04.25-Regrading in northeast

59.



15.04.25 – Regrading along east boundary

60.



15.04.25 – Material movements across site

61.



23.04.25 – Material processing

62.



23.04.25 – Regrading in southeast corner

63.



30.04.25 – Crushed concrete stockpile

64.



30.04.25 – Regraded area in centre

65.



07.05.25 – Scrap material movement

66.



07.05.25 – Regraded north / centre area

67.



14.05.25 – Stockpile management in northeast

68.



14.05.25 – Material processing

69.



20.05.25 – Raising levels in north/centre

70.



20.05.25 – Movement of material into stockpile

71.



29.05.25 – Crushing oversize

72.



29.05.25 – Tidying of crush stockpile

73.



06.06.25 – Slab removal in southwest

74.



06.06.25 – Crush stockpile

75.



11.06.25 – Crushing in the southeast

76.



11.06.25 – Crush stockpile

77.



11.06.25 – Well investigation

78.



11.06.25 – Water ingress into well investigation trial pit

79.



18.06.25 – Crush stockpile

80.



18.06.25 – Regrading for replacement of crush

81.



18.06.25 – Recovered demolition rubble ready for crushing

82.



26.06.25 – Oversize awaiting crushing

83.



26.06.25 – Preparing for placement of culvert

84.



03.07.25 – Culvert works in southwest

85.



03.07.25 – Crushing in the south

86.



03.07.25 – Completed levels in east

87.



10.07.25 – Completed levels looking south

88.



10.07.25 – Final area placing levels (southeast)

89.



10.07.25 – Final 600m³ of crush

90.



10.07.25 – Completed levels looking northeast

APPENDIX B

Chemical Testing Results



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Analytical Report Number : 25-008116

Replaces Analytical Report Number: 25-008116, issue no. 1

Additional analysis undertaken.

Asbestos Quantification added to samples 458420 & 22 as per client's request.

Project / Site name:	Mondi Papers – Site-won Crush	Samples received on:	20/02/2025
Your job number:	R3430	Samples instructed on / Analysis started on:	20/02/2025
Your order number:		Analysis completed by:	28/02/2025
Report Issue Number:	2	Report issued on:	04/03/2025
Samples Analysed:	4 soil samples		

Signed: 

Trevor Hill
Customer Service Advisor
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

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Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.



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Analytical Report Number: 25-008116

Project / Site name: Mondi Papers – Site-won Crush

Lab Sample Number				458419	458420	458421	458422
Sample Reference				Agg-S1	Agg-S2	Agg-S3	Agg-S4
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				18/02/2025	18/02/2025	18/02/2025	18/02/2025
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status				

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	SCA	SCA	SCA	SCA
Analysis completed	N/A	N/A	N/A	26/02/2025	26/02/2025	26/02/2025	26/02/2025
Actinolite detected	Type	N/A	ISO 17025	-	Not-detected	-	Not-detected
Amosite detected	Type	N/A	ISO 17025	-	Detected	-	Not-detected
Anthophyllite detected	Type	N/A	ISO 17025	-	Not-detected	-	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	-	Not-detected	-	Detected
Crocidolite detected	Type	N/A	ISO 17025	-	Not-detected	-	Not-detected
Tremolite detected	Type	N/A	ISO 17025	-	Not-detected	-	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-	< 0.001	-	< 0.001
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-	Loose Fibres	-	Loose Fibres
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U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number: 25-008116
Project / Site name: **Mondi Papers – Site-won Crush**
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample	Analysis completed	Analyst ID
458420	Agg-S2		135	Loose Fibres	Amosite	< 0.001	< 0.001	28/02/2025	SCA
458422	Agg-S4		127	Loose Fibres	Chrysotile	< 0.001	< 0.001	28/02/2025	SCA

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Analytical Report Number : 25-008116

Project / Site name: Mondi Papers – Site-won Crush

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references	HSE Report No: 83/1996, HSG 248 (2021), HSG 264 (2012) & SCA Blue Book (draft)	A006B	D	ISO 17025

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution



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Analytical Report Number : 25-010157

Replaces Analytical Report Number: 25-010157, issue no. 1

Additional analysis undertaken.

Asbestos Quantification added to samples 468661, 62 & 64 as per client's request.

Project / Site name:	Mondi - Site-won concrete crush	Samples received on:	03/03/2025
Your job number:		Samples instructed on / Analysis started on:	03/03/2025
Your order number:		Analysis completed by:	12/03/2025
Report Issue Number:	2	Report issued on:	13/03/2025
Samples Analysed:	9 soil samples		

Signed: 

Trevor Hill
Customer Service Advisor
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

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Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.



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Analytical Report Number: 25-010157

Project / Site name: Mondri - Site-won concrete crush

Lab Sample Number				468661	468662	468663	468664	468665
Sample Reference				Agg-S1	Agg-S2	Agg-S3	Agg-S4	Agg-S5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				27/02/2025	27/02/2025	27/02/2025	27/02/2025	27/02/2025
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Detected	Detected	Not-detected	Detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	KMC	KMC	KMC	DSA	DSA
Analysis completed	N/A	N/A	N/A	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Actinolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	-
Amosite detected	Type	N/A	ISO 17025	Not-detected	Detected	-	Not-detected	-
Anthophyllite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	-
Chrysotile detected	Type	N/A	ISO 17025	Not-detected	Detected	-	Detected	-
Crocidolite detected	Type	N/A	ISO 17025	Detected	Not-detected	-	Not-detected	-
Tremolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	-

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	0.001	< 0.001	-	< 0.001	-
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	Loose Fibres	Loose Fibres	-	Loose Fibres	-
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U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



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Analytical Report Number: 25-010157

Project / Site name: Mondri - Site-won concrete crush

Lab Sample Number				468666	468667	468668	468669
Sample Reference				Agg-S6	Agg-S7	Agg-S8	Agg-S9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				27/02/2025	27/02/2025	27/02/2025	27/02/2025
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status				

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	DSA	MWI	MWI	MWI
Analysis completed	N/A	N/A	N/A	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Actinolite detected	Type	N/A	ISO 17025	-	-	-	-
Amosite detected	Type	N/A	ISO 17025	-	-	-	-
Anthophyllite detected	Type	N/A	ISO 17025	-	-	-	-
Chrysotile detected	Type	N/A	ISO 17025	-	-	-	-
Crocidolite detected	Type	N/A	ISO 17025	-	-	-	-
Tremolite detected	Type	N/A	ISO 17025	-	-	-	-

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-	-	-	-
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-	-	-	-
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U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number: 25-010157
Project / Site name: Mondri - Site-won concrete crush
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample	Analysis completed	Analyst ID
468661	Agg-S1		152	Loose Fibres	Crocidolite	0.001	0.001	12/03/2025	DSA
468662	Agg-S2		176	Loose Fibres	Amosite & Chrysotile	< 0.001	< 0.001	12/03/2025	DSA
468664	Agg-S4		167	Loose Fibres	Chrysotile	< 0.001	< 0.001	12/03/2025	DSA

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Analytical Report Number : 25-010157

Project / Site name: Mondri - Site-won concrete crush

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references	HSE Report No: 83/1996, HSG 248 (2021), HSG 264 (2012) & SCA Blue Book (draft)	A006B	D	ISO 17025

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution



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Analytical Report Number : 25-010160

Replaces Analytical Report Number: 25-010160, issue no. 1

Additional analysis undertaken.

Asbestos Quantification added to samples 468684 & 85 as per client's request.

Project / Site name:	Mondi-Site Won Crush	Samples received on:	03/03/2025
Your job number:	R3430	Samples instructed on / Analysis started on:	03/03/2025
Your order number:		Analysis completed by:	12/03/2025
Report Issue Number:	2	Report issued on:	13/03/2025
Samples Analysed:	6 soil samples		

Signed: 

Trevor Hill
Customer Service Advisor
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

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Analytical Report Number: 25-010160
Project / Site name: Mondi-Site Won Crush

Lab Sample Number				468682	468683	468684	468685	468686
Sample Reference				AGG-S5	AGG-S6	AGG-S7	AGG-S8	AGG-S9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				27/02/2025	27/02/2025	27/02/2025	27/02/2025	27/02/2025
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Detected	Detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	SPU	SPU	KMC
Analysis completed	N/A	N/A	N/A	10/03/2025	10/03/2025	10/03/2025	10/03/2025	10/03/2025
Actinolite detected	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-
Amosite detected	Type	N/A	ISO 17025	-	-	Not-detected	Detected	-
Anthophyllite detected	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-
Chrysotile detected	Type	N/A	ISO 17025	-	-	Detected	Not-detected	-
Crocidolite detected	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-
Tremolite detected	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-	-	0.007	< 0.001	-
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-	-	Asbestos Cement	Loose Fibres	-
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U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Analytical Report Number: 25-010160
Project / Site name: Mondi-Site Won Crush

Lab Sample Number				468687
Sample Reference				AGG-S10
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				None Supplied
Date Sampled				27/02/2025
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	KMC
Analysis completed	N/A	N/A	N/A	10/03/2025
Actinolite detected	Type	N/A	ISO 17025	-
Amosite detected	Type	N/A	ISO 17025	-
Anthophyllite detected	Type	N/A	ISO 17025	-
Chrysotile detected	Type	N/A	ISO 17025	-
Crocidolite detected	Type	N/A	ISO 17025	-
Tremolite detected	Type	N/A	ISO 17025	-

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-
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U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number: 25-010160
Project / Site name: Mondri-Site Won Crush
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample	Analysis completed	Analyst ID
468684	AGG-S7		114	Asbestos Cement	Chrysotile	0.007	0.007	12/03/2025	SPU
468685	AGG-S8		130	Loose Fibres	Amosite	< 0.001	< 0.001	12/03/2025	SPU

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Analytical Report Number : 25-010160

Project / Site name: Mondri-Site Won Crush

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references	HSE Report No: 83/1996, HSG 248 (2021), HSG 264 (2012) & SCA Blue Book (draft)	A006B	D	ISO 17025

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution



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Analytical Report Number : 25-010162

Project / Site name:	Mondi - Hotspot 1	Samples received on:	03/03/2025
Your job number:	R3430	Samples instructed on / Analysis started on:	03/03/2025
Your order number:		Analysis completed by:	10/03/2025
Report Issue Number:	1	Report issued on:	10/03/2025
Samples Analysed:	5 soil samples		

Signed: _____

Anna Goc
PL Head of Reporting Team
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-010162
Project / Site name: Mondri - Hotspot 1

Lab Sample Number	468692	468693	468694	468695	468696
Sample Reference	HS1-S1	HS1-S2	HS1-S3	HS1-S4	HS1-S5
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	27/02/2025	27/02/2025	27/02/2025	27/02/2025	27/02/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	44.5	< 0.1	40.9	28.9	< 0.1
Moisture Content	%	0.01	NONE	11	15	11	13	14
Total mass of sample received	kg	0.1	NONE	0.1	0.1	0.2	0.3	0.1

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	4.9	2.9	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	11	< 8.0	8.5	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	60	33	38	24	41
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	76	36	46	24	41

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	1.6
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	2.1	4.6
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	19	13	< 10	42	16
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	84	27	30	130	40
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	100	39	30	170	63

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 25-010162

Project / Site name: Mondri - Hotspot 1

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
468692	HS1-S1	None Supplied	None Supplied	Brown sand with stones
468693	HS1-S2	None Supplied	None Supplied	Brown sand
468694	HS1-S3	None Supplied	None Supplied	Brown sand with stones
468695	HS1-S4	None Supplied	None Supplied	Brown sand with stones
468696	HS1-S5	None Supplied	None Supplied	Brown sand

Analytical Report Number : 25-010162

Project / Site name: Mondri - Hotspot 1

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

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Analytical Report Number : 25-022504

Replaces Analytical Report Number: 25-022504, issue no. 1
Additional Analysis

Asbestos Quantification added to all samples other than 523839-841, as per client request

Project / Site name:	Mondi Papers	Samples received on:	02/05/2025
Your job number:	R3430	Samples instructed on / Analysis started on:	02/05/2025
Your order number:		Analysis completed by:	15/05/2025
Report Issue Number:	2	Report issued on:	19/05/2025
Samples Analysed:	17 soil samples		



Signed: _____

Claire Bancroft
Customer Service and Accounts Support
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

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Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number	532829	532830	532831	532832	532833
Sample Reference	SP-S1	SP-S2	SP-S3	SP-S4	SP-S5
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	34.4	< 0.1	< 0.1	< 0.1	62
Moisture Content	%	0.01	NONE	1.8	0.67	0.9	3.6	3.3
Total mass of sample received	kg	0.1	NONE	0.7	0.7	0.7	0.7	0.7

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	MUA	MUA	MUA	MUA	MUA
Analysis completed	N/A	N/A	N/A	08/05/2025	08/05/2025	08/05/2025	08/05/2025	08/05/2025
Actinolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Amosite detected	Type	N/A	ISO 17025	Not-detected	Detected	Detected	Detected	Detected
Anthophyllite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	Detected	Detected	Detected	Not-detected	Not-detected
Crocidolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Tremolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	0.012	0.002	0.002	< 0.001	< 0.001
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	Loose Fibrous Debris	Loose Fibres	Loose Fibres	Loose Fibres	Loose Fibres
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.9	7.9	8.1	8.1	8.1
Organic Matter (automated)	%	0.1	MCERTS	5.5	4.9	5.3	5.4	5.2

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	4.7	3.4	3.4	2.4	2.6
Acenaphthylene	mg/kg	0.05	MCERTS	0.19	0.18	0.2	0.15	0.14
Acenaphthene	mg/kg	0.05	MCERTS	5.2	4.7	7.2	5.9	5.4
Fluorene	mg/kg	0.05	MCERTS	4	3.5	5.2	4.2	3.7
Phenanthrene	mg/kg	0.05	MCERTS	26	22	32	28	25
Anthracene	mg/kg	0.05	MCERTS	6.2	5.2	7.4	7	6.2
Fluoranthene	mg/kg	0.05	MCERTS	34	27	39	35	31
Pyrene	mg/kg	0.05	MCERTS	31	25	35	31	28
Benzo(a)anthracene	mg/kg	0.05	MCERTS	15	12	17	16	14
Chrysene	mg/kg	0.05	MCERTS	16	13	17	16	15
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	17	15	20	19	18
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	8.7	5	7.8	6.2	6.4
Benzo(a)pyrene	mg/kg	0.05	MCERTS	17	14	18	17	16
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	7.1	5.9	7.8	7.2	6.7
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.3	1.3	1.6	1.7	1.5
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	7.9	6.5	8.6	7.9	7.3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	202	163	228	204	187
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	26	24	27	30	31
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.2	1.1	1.2	1.1	1.3
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number				532829	532830	532831	532832	532833
Sample Reference				SP-S1	SP-S2	SP-S3	SP-S4	SP-S5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	39	36	38	46	47
Copper (aqua regia extractable)	mg/kg	1	MCERTS	120	100	100	130	120
Lead (aqua regia extractable)	mg/kg	1	MCERTS	300	310	320	270	320
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.4	0.4	0.5	0.5	0.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	41	39	39	37	39
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	320	280	320	250	240

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	6.5	3.7	8.4	3.2	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	41	31	54	39	28
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	100	94	160	90	110
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	150	130	220	130	130

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	2.8	1.1	4.3	3	1.9
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	27	18	24	33	21
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	170	97	140	170	120
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	230	140	200	220	170
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	420	250	370	420	320

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number	532834	532835	532836	532837	532838
Sample Reference	SP-S6	SP-S7	SP-S8	SP-S9	CC-S1
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	59.4	47	49.7	< 0.1	-
Moisture Content	%	0.01	NONE	4.8	7.7	12	3.1	-
Total mass of sample received	kg	0.1	NONE	0.7	0.7	0.7	0.7	-

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	JSW	JSW	JSW	JSW	JSW
Analysis completed	N/A	N/A	N/A	08/05/2025	08/05/2025	08/05/2025	08/05/2025	08/05/2025
Actinolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Amosite detected	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Anthophyllite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Detected	Not-detected
Crocidolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Tremolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	Loose Fibres	Loose Fibres	Loose Fibres	Loose Fibres	Loose Fibres
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	8	8	8.1	7.7	-
Organic Matter (automated)	%	0.1	MCERTS	5.6	6.1	5.6	6.6	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.92	1.7	1.2	8.3	-
Acenaphthylene	mg/kg	0.05	MCERTS	0.13	0.18	0.15	0.43	-
Acenaphthene	mg/kg	0.05	MCERTS	3.3	5.2	3.7	7.4	-
Fluorene	mg/kg	0.05	MCERTS	2.3	3.8	2.7	6.2	-
Phenanthrene	mg/kg	0.05	MCERTS	17	30	23	40	-
Anthracene	mg/kg	0.05	MCERTS	4.5	7.7	5.7	8.8	-
Fluoranthene	mg/kg	0.05	MCERTS	27	42	35	53	-
Pyrene	mg/kg	0.05	MCERTS	24	38	32	48	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	12	19	16	24	-
Chrysene	mg/kg	0.05	MCERTS	13	19	17	24	-
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	16	22	19	26	-
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	6.8	10	9.3	11	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	14	21	18	25	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	6.3	9.3	7.9	10	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.4	1.8	1.7	2.8	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	6.8	10	8.5	11	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	156	242	202	307	-
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	32	34	34	29	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.1	1.2	1.1	1.2	-
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	-
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	-

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number				532834	532835	532836	532837	532838
Sample Reference				SP-S6	SP-S7	SP-S8	SP-S9	CC-S1
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	45	51	48	37	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	140	170	130	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	280	320	280	330	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	0.5	0.5	0.5	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	39	43	41	43	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	250	270	280	330	-

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	-
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	-
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	-
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	8.8	6.5	4.9	7.7	-
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	48	54	57	32	-
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	140	130	160	120	-
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	190	190	220	160	-

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	-
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	-
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	-
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	1.2	3.4	1.9	8.3	-
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	16	25	17	45	-
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	110	140	100	210	-
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	170	210	170	280	-
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	300	370	290	540	-

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	-
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	-
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	-
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	-
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	-
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number	532839	532840	532841	532842	532843
Sample Reference	CC-S2	CC-S3	CC-S4	MGC-S1	MGC-S2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	-	-	-	-	-
Moisture Content	%	0.01	NONE	-	-	-	-	-
Total mass of sample received	kg	0.1	NONE	-	-	-	-	-

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	DKI	DKI	DKI	DKI	DKI
Analysis completed	N/A	N/A	N/A	08/05/2025	08/05/2025	08/05/2025	08/05/2025	08/05/2025
Actinolite detected	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected
Amosite detected	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected
Anthophyllite detected	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	-	-	-	Detected	Detected
Crocidolite detected	Type	N/A	ISO 17025	-	-	-	Detected	Not-detected
Tremolite detected	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-	-	-	< 0.001	< 0.001
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-	-	-	Loose Fibres	Loose Fibres
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	-	-	-	-	-
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	-	-	-
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	-	-	-	-	-
Chromium (hexavalent)	mg/kg	1.8	MCERTS	-	-	-	-	-

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number				532839	532840	532841	532842	532843
Sample Reference				CC-S2	CC-S3	CC-S4	MGC-S1	MGC-S2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	-	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	-	-	-	-	-
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	-	-	-	-	-

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	-	-	-	-	-
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	-	-	-	-	-

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	-	-	-	-	-
Benzene	µg/kg	5	MCERTS	-	-	-	-	-
Toluene	µg/kg	5	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	5	MCERTS	-	-	-	-	-
p & m-Xylene	µg/kg	8	MCERTS	-	-	-	-	-
o-Xylene	µg/kg	5	MCERTS	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number				532844	532845
Sample Reference				MGC-S3	MGC-S4
Sample Number				None Supplied	None Supplied
Water Matrix				N/A	N/A
Depth (m)				None Supplied	None Supplied
Date Sampled				Deviating	Deviating
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	-	-
Moisture Content	%	0.01	NONE	-	-
Total mass of sample received	kg	0.1	NONE	-	-

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU
Analysis completed	N/A	N/A	N/A	08/05/2025	08/05/2025
Actinolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Amosite detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Anthophyllite detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	Detected	Detected
Crocidolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Tremolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	< 0.001	< 0.001
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	Loose Fibres	Loose Fibres
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	-	-
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	-	-
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	-	-
Chromium (hexavalent)	mg/kg	1.8	MCERTS	-	-

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers

Lab Sample Number				532844	532845
Sample Reference				MGC-S3	MGC-S4
Sample Number				None Supplied	None Supplied
Water Matrix				N/A	N/A
Depth (m)				None Supplied	None Supplied
Date Sampled				Deviating	Deviating
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	-	-
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	-	-
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	-	-
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	-	-
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	-	-
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	-	-

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	-	-
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	-	-
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	-	-
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	-	-
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	-	-
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	-	-
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	-	-
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	-	-

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	-	-
Benzene	µg/kg	5	MCERTS	-	-
Toluene	µg/kg	5	MCERTS	-	-
Ethylbenzene	µg/kg	5	MCERTS	-	-
p & m-Xylene	µg/kg	8	MCERTS	-	-
o-Xylene	µg/kg	5	MCERTS	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-022504
Project / Site name: Mondi Papers
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample	Analysis completed	Analyst ID
532829	SP-S1	-	129	Loose Fibrous Debris	Chrysotile	0.012	0.012	15/05/2025	MUA
532830	SP-S2	-	126	Loose Fibres	Amosite & Chrysotile	0.002	0.002	15/05/2025	MUA
532831	SP-S3	-	145	Loose Fibres	Amosite & Chrysotile	0.002	0.002	15/05/2025	MUA
532832	SP-S4	-	129	Loose Fibres	Amosite	< 0.001	< 0.001	15/05/2025	MUA
532833	SP-S5	-	147	Loose Fibres	Amosite	< 0.001	< 0.001	15/05/2025	MUA
532834	SP-S6	-	201	Loose Fibres	Amosite	< 0.001	< 0.001	15/05/2025	SPU
532835	SP-S7	-	175	Loose Fibres	Amosite & Chrysotile	< 0.001	< 0.001	15/05/2025	SPU
532836	SP-S8	-	166	Loose Fibres	Amosite	< 0.001	< 0.001	15/05/2025	SPU
532837	SP-S9	-	174	Loose Fibres	Amosite & Chrysotile	< 0.001	< 0.001	15/05/2025	SPU
532838	CC-S1	-	167	Loose Fibres	Amosite	< 0.001	< 0.001	15/05/2025	SPU
532842	MGC-S1	-	176	Loose Fibres	Chrysotile & Crocidolite	< 0.001	< 0.001	14/05/2025	DKI
532843	MGC-S2	-	148	Loose Fibres	Chrysotile	< 0.001	< 0.001	14/05/2025	DKI
532844	MGC-S3	-	149	Loose Fibres	Chrysotile	< 0.001	< 0.001	15/05/2025	SPU
532845	MGC-S4	-	164	Loose Fibres	Chrysotile	< 0.001	< 0.001	15/05/2025	SPU

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Analytical Report Number : 25-022504

Project / Site name: Mondi Papers

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
532829	SP-S1	None Supplied	None Supplied	Brown clay and loam with stones and vegetation
532830	SP-S2	None Supplied	None Supplied	Brown clay and loam with gravel and vegetation
532831	SP-S3	None Supplied	None Supplied	Brown clay and loam with gravel and glass
532832	SP-S4	None Supplied	None Supplied	Brown loam and clay with gravel and vegetation
532833	SP-S5	None Supplied	None Supplied	Brown loam and clay with stones and vegetation
532834	SP-S6	None Supplied	None Supplied	Brown loam and clay with stones and vegetation
532835	SP-S7	None Supplied	None Supplied	Brown loam and clay with stones and vegetation
532836	SP-S8	None Supplied	None Supplied	Brown loam with stones and vegetation
532837	SP-S9	None Supplied	None Supplied	Brown loam and clay with gravel and vegetation

Analytical Report Number : 25-022504

Project / Site name: Mondri Papers

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references	HSE Report No: 83/1996, HSG 248 (2021), HSG 264 (2012) & SCA Blue Book (draft)	A006B	D	ISO 17025
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS
Hexavalent chromium in soil (low level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

Analytical Report Number : 25-022504

Project / Site name: Mondi Papers

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
CC-S1	N/A	S	532838	a	Asbestos Quantification - Gravimetric	A006B	a
CC-S1	N/A	S	532838	a	Asbestos identification in Soil	A001B	a
CC-S1	N/A	S	532838	a	Asbestos types if id positive	N/A	a
CC-S2	N/A	S	532839	a	Asbestos identification in Soil	A001B	a
CC-S2	N/A	S	532839	a	Asbestos types if id positive	N/A	a
CC-S3	N/A	S	532840	a	Asbestos identification in Soil	A001B	a
CC-S3	N/A	S	532840	a	Asbestos types if id positive	N/A	a
CC-S4	N/A	S	532841	a	Asbestos identification in Soil	A001B	a
CC-S4	N/A	S	532841	a	Asbestos types if id positive	N/A	a
MGC-S1	N/A	S	532842	a	Asbestos Quantification - Gravimetric	A006B	a
MGC-S1	N/A	S	532842	a	Asbestos identification in Soil	A001B	a
MGC-S1	N/A	S	532842	a	Asbestos types if id positive	N/A	a
MGC-S2	N/A	S	532843	a	Asbestos Quantification - Gravimetric	A006B	a
MGC-S2	N/A	S	532843	a	Asbestos identification in Soil	A001B	a
MGC-S2	N/A	S	532843	a	Asbestos types if id positive	N/A	a
MGC-S3	N/A	S	532844	a	Asbestos Quantification - Gravimetric	A006B	a
MGC-S3	N/A	S	532844	a	Asbestos identification in Soil	A001B	a
MGC-S3	N/A	S	532844	a	Asbestos types if id positive	N/A	a
MGC-S4	N/A	S	532845	a	Asbestos Quantification - Gravimetric	A006B	a
MGC-S4	N/A	S	532845	a	Asbestos identification in Soil	A001B	a
MGC-S4	N/A	S	532845	a	Asbestos types if id positive	N/A	a
SP-S1	N/A	S	532829	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S1	N/A	S	532829	a	Asbestos identification in Soil	A001B	a
SP-S1	N/A	S	532829	a	Asbestos types if id positive	N/A	a
SP-S1	N/A	S	532829	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S1	N/A	S	532829	a	Hexavalent chromium in soil	L080-PL	a
SP-S1	N/A	S	532829	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S1	N/A	S	532829	a	Metals in soil by ICP-OES	L038B	a
SP-S1	N/A	S	532829	a	Moisture Content	L019B	a
SP-S1	N/A	S	532829	a	Organic matter (Automated) in soil	L009B	a
SP-S1	N/A	S	532829	a	Sample preparation	L019B	a
SP-S1	N/A	S	532829	a	Soil Descriptions	L019B	a
SP-S1	N/A	S	532829	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S1	N/A	S	532829	a	Stones content of soil	L019B	a
SP-S1	N/A	S	532829	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S1	N/A	S	532829	a	pH in soil (automated)	L099-PL	a
SP-S2	N/A	S	532830	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S2	N/A	S	532830	a	Asbestos identification in Soil	A001B	a
SP-S2	N/A	S	532830	a	Asbestos types if id positive	N/A	a
SP-S2	N/A	S	532830	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S2	N/A	S	532830	a	Hexavalent chromium in soil	L080-PL	a
SP-S2	N/A	S	532830	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S2	N/A	S	532830	a	Metals in soil by ICP-OES	L038B	a
SP-S2	N/A	S	532830	a	Moisture Content	L019B	a
SP-S2	N/A	S	532830	a	Organic matter (Automated) in soil	L009B	a
SP-S2	N/A	S	532830	a	Sample preparation	L019B	a
SP-S2	N/A	S	532830	a	Soil Descriptions	L019B	a
SP-S2	N/A	S	532830	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S2	N/A	S	532830	a	Stones content of soil	L019B	a
SP-S2	N/A	S	532830	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S2	N/A	S	532830	a	pH in soil (automated)	L099-PL	a
SP-S3	N/A	S	532831	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S3	N/A	S	532831	a	Asbestos identification in Soil	A001B	a
SP-S3	N/A	S	532831	a	Asbestos types if id positive	N/A	a
SP-S3	N/A	S	532831	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S3	N/A	S	532831	a	Hexavalent chromium in soil	L080-PL	a
SP-S3	N/A	S	532831	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S3	N/A	S	532831	a	Metals in soil by ICP-OES	L038B	a

Analytical Report Number : 25-022504

Project / Site name: Mondi Papers

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
SP-S3	N/A	S	532831	a	Moisture Content	L019B	a
SP-S3	N/A	S	532831	a	Organic matter (Automated) in soil	L009B	a
SP-S3	N/A	S	532831	a	Sample preparation	L019B	a
SP-S3	N/A	S	532831	a	Soil Descriptions	L019B	a
SP-S3	N/A	S	532831	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S3	N/A	S	532831	a	Stones content of soil	L019B	a
SP-S3	N/A	S	532831	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S3	N/A	S	532831	a	pH in soil (automated)	L099-PL	a
SP-S4	N/A	S	532832	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S4	N/A	S	532832	a	Asbestos identification in Soil	A001B	a
SP-S4	N/A	S	532832	a	Asbestos types if id positive	N/A	a
SP-S4	N/A	S	532832	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S4	N/A	S	532832	a	Hexavalent chromium in soil	L080-PL	a
SP-S4	N/A	S	532832	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S4	N/A	S	532832	a	Metals in soil by ICP-OES	L038B	a
SP-S4	N/A	S	532832	a	Moisture Content	L019B	a
SP-S4	N/A	S	532832	a	Organic matter (Automated) in soil	L009B	a
SP-S4	N/A	S	532832	a	Sample preparation	L019B	a
SP-S4	N/A	S	532832	a	Soil Descriptions	L019B	a
SP-S4	N/A	S	532832	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S4	N/A	S	532832	a	Stones content of soil	L019B	a
SP-S4	N/A	S	532832	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S4	N/A	S	532832	a	pH in soil (automated)	L099-PL	a
SP-S5	N/A	S	532833	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S5	N/A	S	532833	a	Asbestos identification in Soil	A001B	a
SP-S5	N/A	S	532833	a	Asbestos types if id positive	N/A	a
SP-S5	N/A	S	532833	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S5	N/A	S	532833	a	Hexavalent chromium in soil	L080-PL	a
SP-S5	N/A	S	532833	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S5	N/A	S	532833	a	Metals in soil by ICP-OES	L038B	a
SP-S5	N/A	S	532833	a	Moisture Content	L019B	a
SP-S5	N/A	S	532833	a	Organic matter (Automated) in soil	L009B	a
SP-S5	N/A	S	532833	a	Sample preparation	L019B	a
SP-S5	N/A	S	532833	a	Soil Descriptions	L019B	a
SP-S5	N/A	S	532833	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S5	N/A	S	532833	a	Stones content of soil	L019B	a
SP-S5	N/A	S	532833	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S5	N/A	S	532833	a	pH in soil (automated)	L099-PL	a
SP-S6	N/A	S	532834	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S6	N/A	S	532834	a	Asbestos identification in Soil	A001B	a
SP-S6	N/A	S	532834	a	Asbestos types if id positive	N/A	a
SP-S6	N/A	S	532834	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S6	N/A	S	532834	a	Hexavalent chromium in soil	L080-PL	a
SP-S6	N/A	S	532834	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S6	N/A	S	532834	a	Metals in soil by ICP-OES	L038B	a
SP-S6	N/A	S	532834	a	Moisture Content	L019B	a
SP-S6	N/A	S	532834	a	Organic matter (Automated) in soil	L009B	a
SP-S6	N/A	S	532834	a	Sample preparation	L019B	a
SP-S6	N/A	S	532834	a	Soil Descriptions	L019B	a
SP-S6	N/A	S	532834	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S6	N/A	S	532834	a	Stones content of soil	L019B	a
SP-S6	N/A	S	532834	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S6	N/A	S	532834	a	pH in soil (automated)	L099-PL	a
SP-S7	N/A	S	532835	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S7	N/A	S	532835	a	Asbestos identification in Soil	A001B	a
SP-S7	N/A	S	532835	a	Asbestos types if id positive	N/A	a
SP-S7	N/A	S	532835	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S7	N/A	S	532835	a	Hexavalent chromium in soil	L080-PL	a

Analytical Report Number : 25-022504

Project / Site name: Mondi Papers

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
SP-S7	N/A	S	532835	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S7	N/A	S	532835	a	Metals in soil by ICP-OES	L038B	a
SP-S7	N/A	S	532835	a	Moisture Content	L019B	a
SP-S7	N/A	S	532835	a	Organic matter (Automated) in soil	L009B	a
SP-S7	N/A	S	532835	a	Sample preparation	L019B	a
SP-S7	N/A	S	532835	a	Soil Descriptions	L019B	a
SP-S7	N/A	S	532835	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S7	N/A	S	532835	a	Stones content of soil	L019B	a
SP-S7	N/A	S	532835	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S7	N/A	S	532835	a	pH in soil (automated)	L099-PL	a
SP-S8	N/A	S	532836	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S8	N/A	S	532836	a	Asbestos identification in Soil	A001B	a
SP-S8	N/A	S	532836	a	Asbestos types if id positive	N/A	a
SP-S8	N/A	S	532836	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S8	N/A	S	532836	a	Hexavalent chromium in soil	L080-PL	a
SP-S8	N/A	S	532836	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S8	N/A	S	532836	a	Metals in soil by ICP-OES	L038B	a
SP-S8	N/A	S	532836	a	Moisture Content	L019B	a
SP-S8	N/A	S	532836	a	Organic matter (Automated) in soil	L009B	a
SP-S8	N/A	S	532836	a	Sample preparation	L019B	a
SP-S8	N/A	S	532836	a	Soil Descriptions	L019B	a
SP-S8	N/A	S	532836	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S8	N/A	S	532836	a	Stones content of soil	L019B	a
SP-S8	N/A	S	532836	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S8	N/A	S	532836	a	pH in soil (automated)	L099-PL	a
SP-S9	N/A	S	532837	a	Asbestos Quantification - Gravimetric	A006B	a
SP-S9	N/A	S	532837	a	Asbestos identification in Soil	A001B	a
SP-S9	N/A	S	532837	a	Asbestos types if id positive	N/A	a
SP-S9	N/A	S	532837	a	BTEX and/or Volatile organic compounds in soil	L073B	a
SP-S9	N/A	S	532837	a	Hexavalent chromium in soil	L080-PL	a
SP-S9	N/A	S	532837	a	Hexavalent chromium in soil (low level)	L080-PL	a
SP-S9	N/A	S	532837	a	Metals in soil by ICP-OES	L038B	a
SP-S9	N/A	S	532837	a	Moisture Content	L019B	a
SP-S9	N/A	S	532837	a	Organic matter (Automated) in soil	L009B	a
SP-S9	N/A	S	532837	a	Sample preparation	L019B	a
SP-S9	N/A	S	532837	a	Soil Descriptions	L019B	a
SP-S9	N/A	S	532837	a	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	a
SP-S9	N/A	S	532837	a	Stones content of soil	L019B	a
SP-S9	N/A	S	532837	a	Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	L076B/L088-PL	a
SP-S9	N/A	S	532837	a	pH in soil (automated)	L099-PL	a

APPENDIX C

URL Waste Transfer Notes

WASTE EXPORT LOG

SITE: Mondi Mill, Ramsbottom - 414

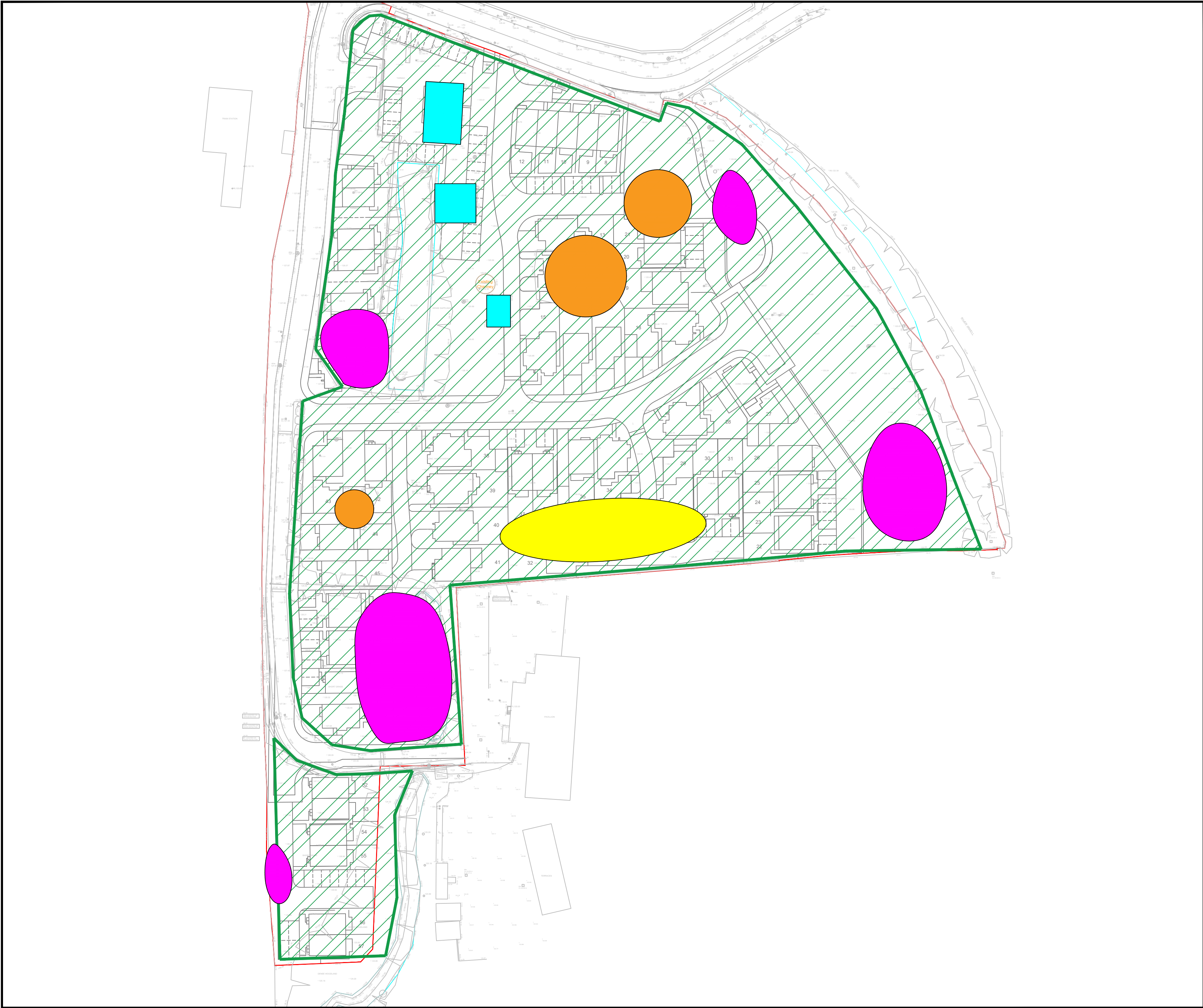
W/C: 13/01/25

Form UR_Q_08 (E)

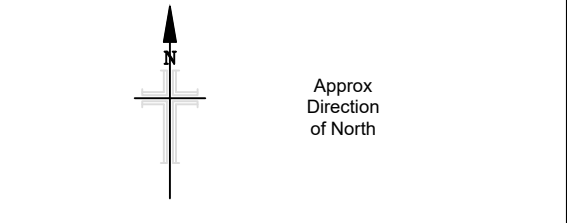
[illegible]

APPENDIX D

URL Tracking Records



Notes
This drawing and the information contained therein is issued in confidence and is the copyright of Urban Regen Ltd. Disclosure of this information to Third Parties and unauthorised copying or replication of this data without approval is forbidden.



- Site Boundary
- Site Clearance work area
- Tree/Vegetation chipping area
- Existing demo rubble stockpiles
- Existing Buildings to be demolished
- JK Impacted materials highlighted & fenced off.

- Works Undertaken :**
- Works commenced on site on the 06/01/25.
 - 06/01/25 Knotweed Eradication on site to highlight and fence off Japanese Knotweed impacted materials which are to be processed (Hardstanding removed) and condensed in preparation of off-site disposal once site clearance works are completed.
 - Combnwates tree care on site undertaking tree & vegetation clearance with all felled trees/whips sent to chipping area located on the southern boundary.
 - Off site disposal/processing of chipped trees & vegetation undertaken on the 20/01/24 (2 no. 28t loads) & the 21/01/25 (1 no. 28t load) with chipped material being taken to AWJ Wilton Works, Middlesbrough for processing.
 - IP Jones Installing boundary Heras and post fencing as per fencing drawing supplied, with all arising's being taken to existing demo rubble stocks in site.
 - Urban Regen plant undertaking vegetation strip when areas opened up by C.T.C creating localised stockpiles which will be amalgamated once site clearance works complete.
 - 14/01/25 35 yard skip of Mixed waste collected from around site by U R taken for off-site disposal/processing at J Dickinson's waste transfer yard in Bolton.
 - 16/01/25 35 yard skip of Scrap Metal collected from around site by U R taken for off-site disposal/processing at Norton's waste transfer yard in Trafford Park, Manchester.
 - 17 to 21/01/25 existing demo rubble stockpiles on site inspected by Urban Regen Asbestos Removal operative before brick/sandstone/concrete generated by low level demolition works added.
 - Low level demolition works commenced 20/01/25, unable to undertake soft strip & internal asbestos survey due to dilapidated condition of buildings, Materials checked at ground level by Urban Regen Asbestos Removal operative before materials segregated.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



Urban Regen
ESTABLISHED 2001

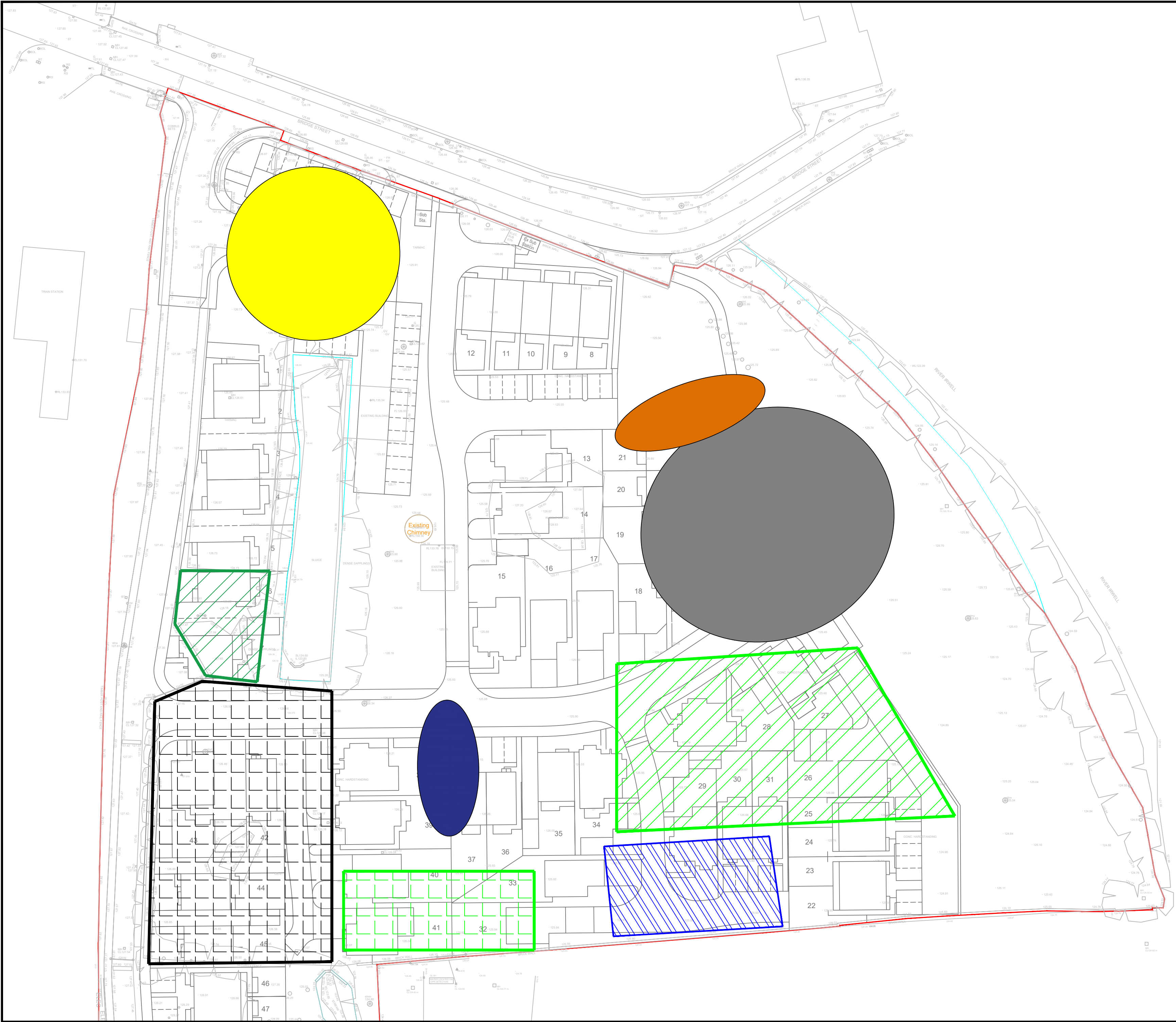
Urban Regen Ltd.,
Langley Road,
Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client
Eccleston Homes

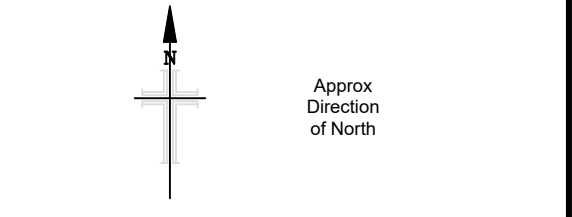
Site
Mondi - Mill,
Ramsbottom , BL0 0BS.

Title
MMP Daily Tracking Record
06/01/25 to 23/01/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	07/05/2024
Scale	[A2 Sheet]	CAD file	
1:500	Supplied planning layout.dxf		
Dwg No.	MONDI-UR-V1-01-MMP-001		Rev A



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- Key:**
- Site boundary
 - Current compound location.
 - Off-site segregated stockpile locations.
 - Screening Stockpile
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.

- Works Undertaken:**
- 07:00 - 18:00 : 3St excav. (Kev) working with UR civils ops. (Jordan & Tom) Undertaking electric cable investigation works on northern boundary as instructed by Eccleston Homes on the 26/02/25 to allow ENWL to undertake "Splicing" of cables, exposing 2 no. old H.V.s with cut ends, 1 no. electric cable with lead outer what appears to be a PTFE wrap on the end. Exposed 3 lms with 300mm clearance all round on 2 no. red H.V cables works completed for 14:30. ops. laying area and re-erecting fencing until 15:30. 3St excav. then moved back to plots 1-7 completing turnover works excavating upto 2.0m from EGL removing all structures, unsuitable, and hard materials exceeding 150mm. all hard removed stockpiled locally and removed by 30t ADT as required 1 no. load (13 m3).
 - 07:00 - 18:00 3St excav. (Mick) continuing with turnover works utilising riddle bucket & hydraulic breaker below former Reel house surface slab, removing sub base/brick demo/O/S backfill encountered, exposing base slab & R.C. retaining wall on north side, removing all concrete structures/foundations and hard (sandstone blocks upto 2x1x1m) exceeding 150mm dia. turned natural ground left 'peaked' to aid drying as silty clay encountered damp. Materials removed as required by 30t ADT 16:00 laying area removing remaining breakout/concrete from area with 30t ADT and stockpiling sub-base mixed with demo rubble/oversize with a plan of screening as too much O/S in sub base/brick demo, due to commence 28/02/25. 8 no. ADT loads (104 m3) sub base taken to N.W stock & 10 no. ADT loads (130 m3) concrete/oversize sent to clean concrete stock.
 - 07:00 - 18:00 : 30t excav. (Rick) loading Powertrack R400 crusher processing clean concrete stock into 6/2. D/Bn closer (Lewis) maintaining bell and stockpiling on area 1 gen. fill. D/Bn also laying gen. fill (brick rubble demo & screen stocks) in turnover area below former Reel house on southern boundary as work operation 2 progresses, compacted in 300mm layers with 13t roller as required. Area not to level as not enough gen. fill material so ensured a min 1m layer placed to protect natural formation. approx 600 m3 processed & stockpiled

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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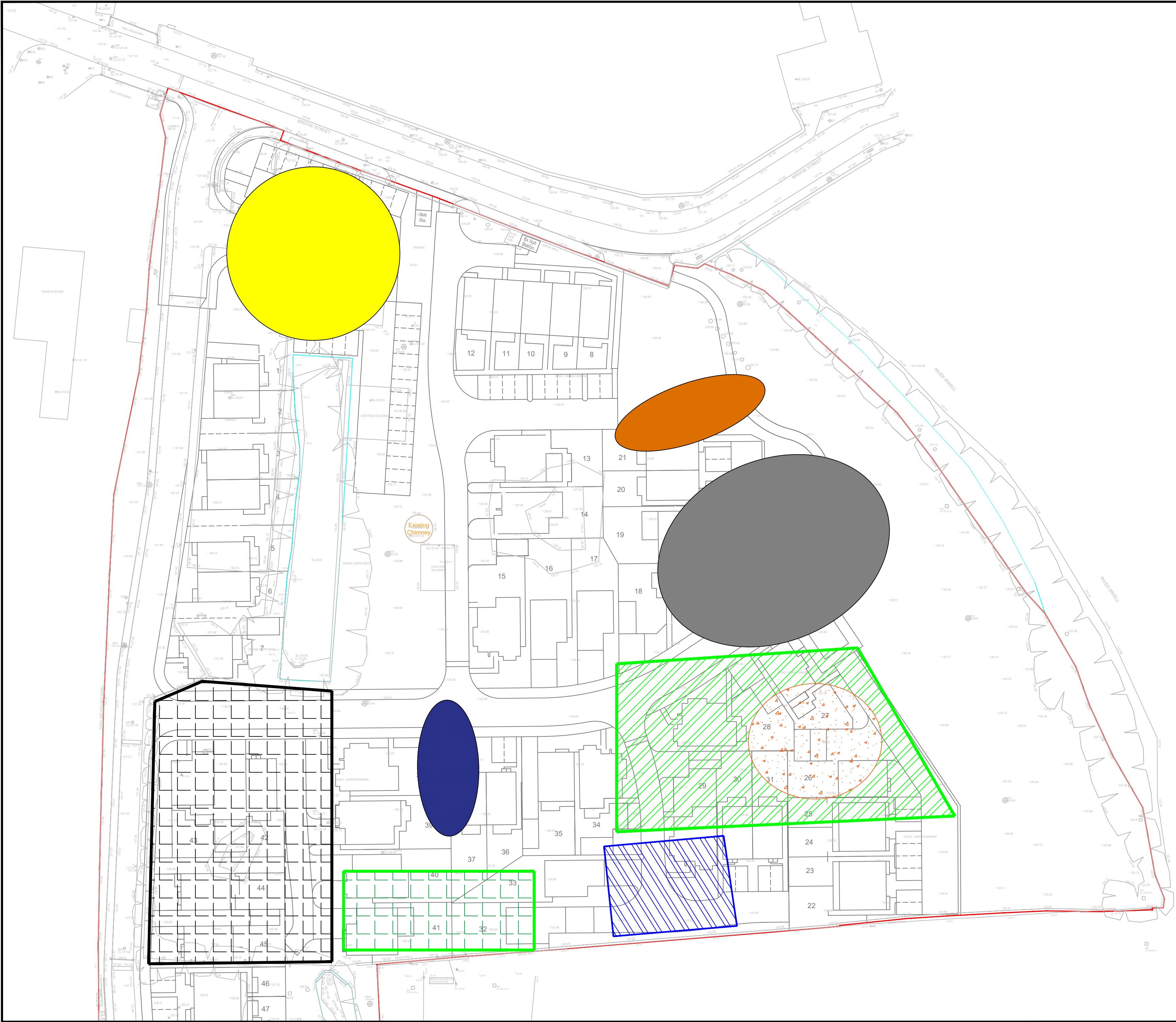
Urban Regen Ltd.,
Langley Road,
Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client
Eccleston Homes

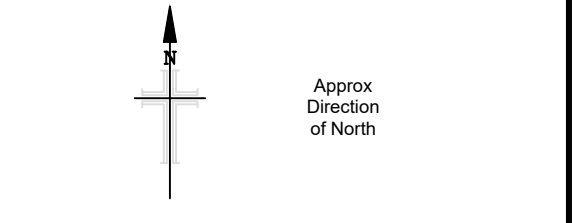
Site
Mondi - Mill,
Ramsbottom , BL0 OBS.

Title
MMP Daily Tracking Record
27/02/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	27/02/25
Scale	[A2 Sheet]	CAD file	
1:500	Supplied planning layout.dxf		
Dwg No.	MONDI-UR-V1-01-MMP-029		Rev A



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 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 13:00 35t excav. (Mick) breaking out base slab and R.C retaining wall on North side of former Reel House. Adjacent southern boundary, breakout stockpiled locally and to be hauled to central clean conc. Stock when ADT available.
 - 07:00 - 13:00 30t excav. (Rick) loading Powertrack R400 crusher processing clean concrete stock into 6F5/6F2. 35t Excav. (Kevin) maintaining belt and stockpiling on area 1 gen. fill. Approx 300 m3 processed.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd

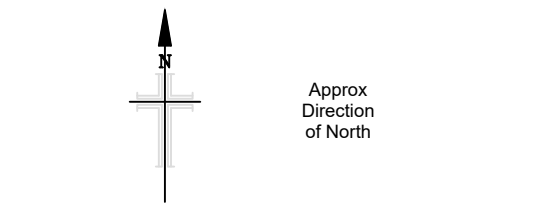


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Pendlebury,
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M6 6FG
TEL :
email :

Client			
Eccleston Homes			
Site			
Mondi - Mill, Ramsbottom , BL0 OBS.			
Title			
MMP Daily Tracking Record 01/03/25			
Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	01/03/25
Scale	[A2 Sheet] CAD file		
1:500	Supplied planning layout.dxf		
Dwg No.			Rev
MONDI-UR-V1-01-MMP-031			A



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 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 17:00 : 35t excav. (Mick) loading screener with sub/base, demo rubble, oversize hard with 100mm and less going to area 1 as fill. Oversize hard being stockpiled locally ready to be hauled to crushing pile when 30t ADT available approx 400 m³ screened, laid in 300mm layers by D6N as required and compacted with 13t Roller k.
 - 07:00 - 17:00 : 30t excav. (Rick) loading Powertrack R400 crusher processing clean concrete stock into 66/62, D6N dozer (Lewis) maintaining bell and stockpiling on area 1 gen. fill. D6N also laying gen. fill (brick rubble demo & screen stocks) in turnover area below former Reel house on southern boundary as work operation 2 progresses, compacted in 300mm layers with 13t roller as required. Area not to level as not enough gen. fill material so ensured a min 1m layer placed to protect natural formation. approx 500 m³ processed & stockpiled. 35t excav. assisting crushing operation processing Chaise hard with hydraulic breaker & rotating grab and haymaking to 30t excav.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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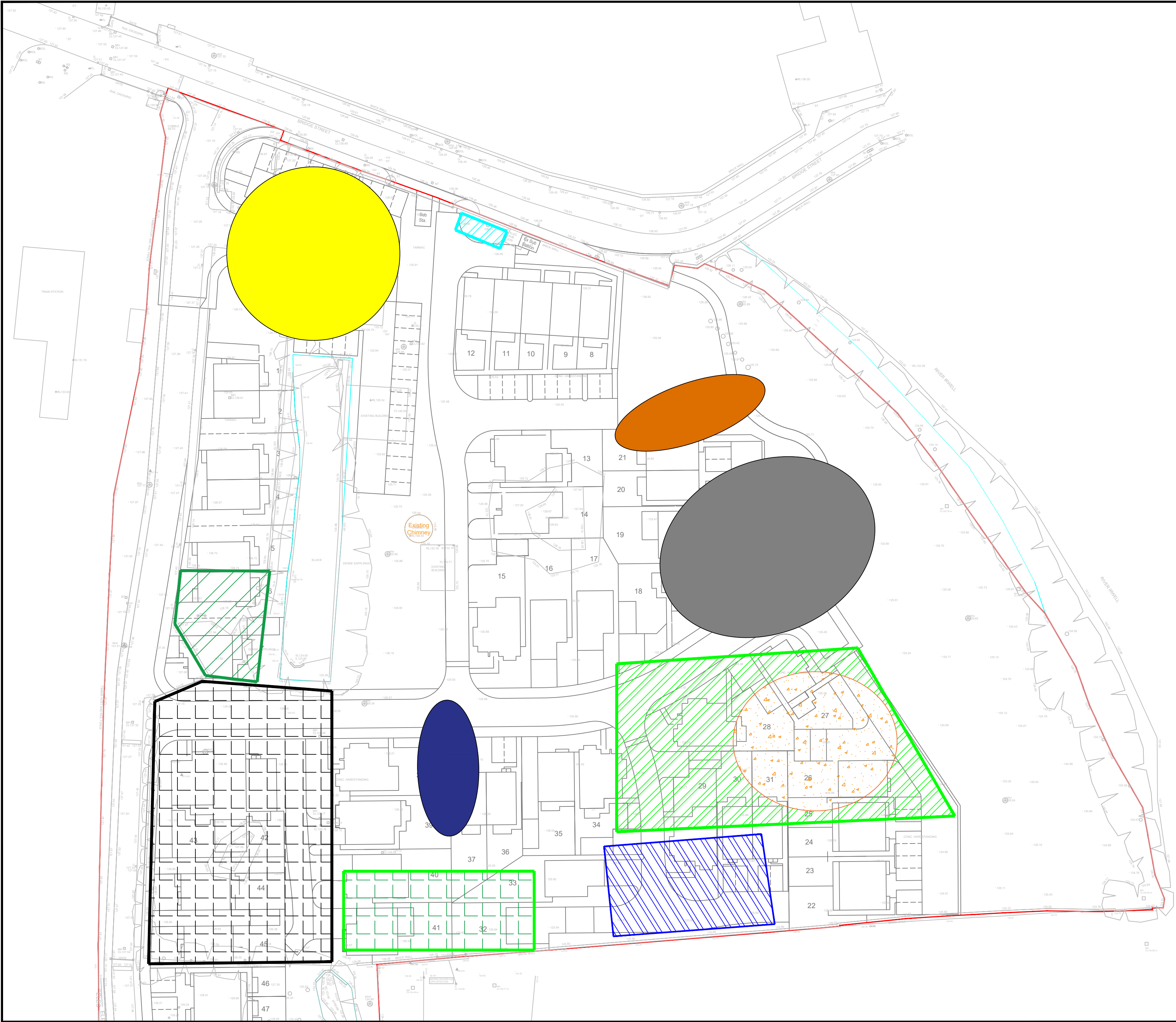
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Pendlebury,
Salford,
M6 6FG
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email :

Client
Eccleston Homes

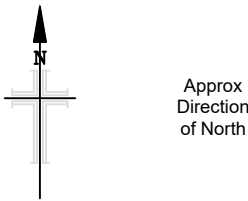
Site
Mondi - Mill,
Ramsbottom , BL0 OBS.

Title
MMP Daily Tracking Record
28/02/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	28/02/25
Scale	[A2 Sheet] CAD file	Supplied planning layout.dxf	
Dwg No.	MONDI-UR-V1-01-MMP-030		Rev A



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 - Off-site segregated stockpile locations.
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev), Unloading 4"pump delivered by Urban Regen & loading 35 yard skip with scrap metal from crushing operation (Zho). Then undertaking removal of former workshop slab & foundations of building B adjacent Gail, removing all hardwearing upto natural ground encountered to 1.0m below EGU/natural silty cohesive/s encountered with all hard materials hauled to crushing operation by 30t ADT, 10 no. loads (approx. 130 m3).
 - 07:00 - 18:00 : 30t excav. (Rick) loading Powertrack R400 crusher processing clean concrete stock into 6/5/6/2. DGN dozer (Lewis) maintaining belt and stockpiling on area 1 gen. fill, approx 400 m3 processed & stocked slow production due to processing. 35t excav. (Mick) assisting crushing operation processing O/size hard with hydraulic breaker & pulveriser and haymaking to 30t excav.
 - 10:00 - 12:00 2 no. ops. From CTC on site to undertake stump grinding of 2 no. tree stumps on northern boundary adjacent existing sub - station.

Rev	Date	Drawn	Description	Chk'd
-	--/--/----	--	Description	--
-	--/--/----	--	Description	--

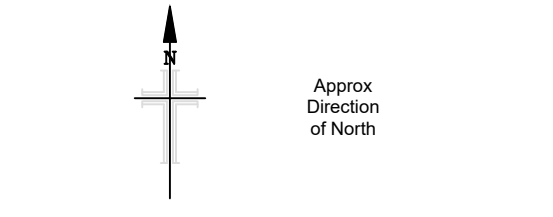


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Client			
Eccleston Homes			
Site			
Mondi - Mill, Ramsbottom , BL0 OBS.			
Title			
MMP Daily Tracking Record 04/03/25			
Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	04/03/25
Scale	[A2 Sheet] CAD file		
1:500	Supplied planning layout.dxf		
Dwg No. MONDI-UR-V1-01-MMP-033			Rev A



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 - Current compound location.
 - Off-site segregated stockpile locations.
 - Clean concrete processing/stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev) loading brick rubble demo infill from POS area adjacent Got & Chimney, as dug material loaded into 30t ADT and hauled to area 1 creating new brick rubble crush pile, 34 no. loads taken to stockpile (approx. 402t m3 to be processed and used as fill in area 1, 6 no. o/s concrete taken to crushing operation (Approx. 78 m3)
 - 07:00 - 18:00 : 35t excav. (Mick) continuing with turnover below former Reel house on southern boundary, works stopped at 11:00 and operator commencing with siding area and getting ready to backfill due to progress regarding PFAS between Eccleston homes & the environment agency, 14:00 - 18:00 assisting 30t excav. with crushing works, 2 no. loads of O/S concrete sent to clean concrete crushing operation (approx. 24 m3)
 - 07:00 - 18:00 : 30t excav. (Rick loading PowerTrak R400 crusher on hire from casey with last of current clean concrete stock approx. 200 m3 processed due to only 30t excav. working crusher meaning loading stopping every hour to clean the belt stockpile, 15:00 crusher used to commence processing of Brick rubble stockpiled from task 1 generating gen. fill for area 1 adjacent southern boundary approx 100 m3 produced.
 - 07:00 - 18:00 : DEN (Lewis) laying stockpiled sub-base in N.W corner (From below former Reel house) onto plots 1 -7 on western boundary, 2 no. 300mm layers placed compacted with 13t Roller, N.W corner Proposed car park surcharged up to 800mm as due to use as compound, 13t roller operated by L.Johnson as R.Campbell busy on ADT. approx 700 m3 laid of 1000 m3 required, works incomplete.

-	---/---/---	--	Description	--
-	---/---/---	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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Pendlebury,

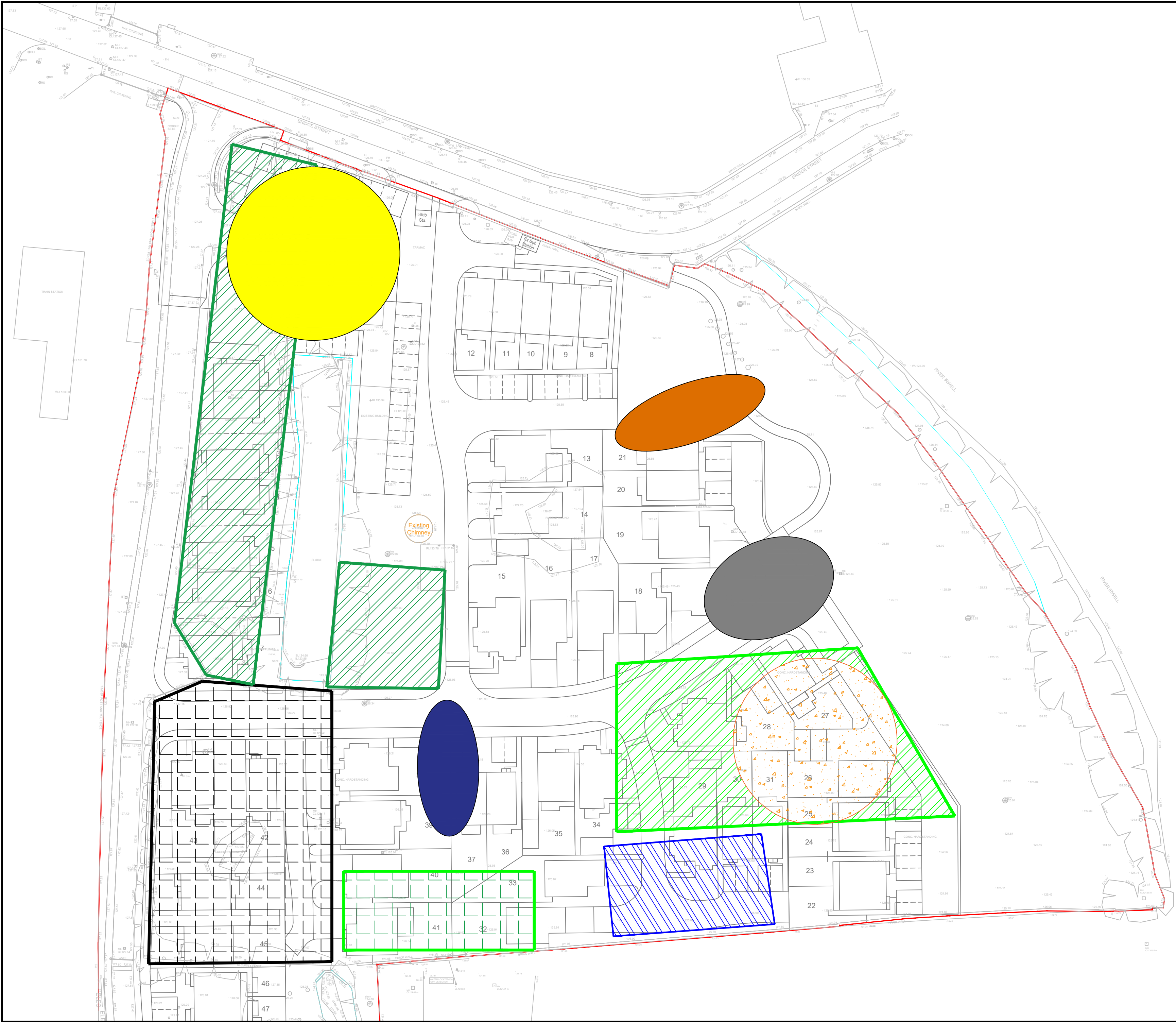
Salford,

M6 6FG

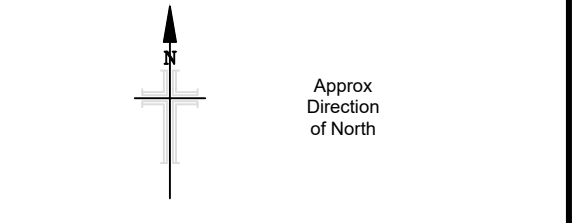
TEL :

email :

Client				Eccleston Homes			
Site				Mondi - Mill, Ramsbottom , BL0 OBS.			
Title				MMP Daily Tracking Record 05/03/25			
Surveyed	IHB		Drawn	IHB			
Chk.	IHB		Date	05/03/25			
Scale	[A2 Sheet]	CAD file		Supplied planning layout.dxf			
1:500							
Dwg No.				MONDI-UR-V1-01-MMP-034		Rev	A



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 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Generated Vegetation Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav (Kev) loading 30t ADT (Lewis) with stockpiled organic material generated from site vegetation scraping and hauling to Area 3 P.O.S excavation undertaken 05/03/25, material laid in 300mm layers and tracked in with 35t excav, with roller used to seal after works complete as adverse weather forecast for 07/03/25, (43 no. loads approx. 350 m3), 16:00 - 18:00 collecting scrap from around site in preparation of off-site disposal/processing, 13t roller (Lewis) used to compact/seal sub base laid below plots 1-7 in area 3 when not required with 35t excav.
 - 07:00 - 18:00 : 35t excav (Mick) utilising hydraulic breaker to process remaining concrete from original clean concrete stock including 10 no. 600mm2, 5 m long Bison beams, removing existing surface slab of area 2 P.O.S, previously un-accessible due to clean concrete stockpile, 2.5t hard stockpiled locally in preparation of crushing 07/03/25, existing surface slab taken to last construction joint retaining the slab/retaining element on the eastern boundary (River Iwell) assisting with crushing operation as required.
 - 07:00 - 18:00 : 30t excav. (Rick) loading Powertrak R400 crusher (Casey's), processing brick rubble generated from Area 3 P.O.S excavation undertaken 05/03/25 producing gen. fill for area 1, Approx. 300 m3 produced and stockpiled ready to be laid, 14:00 - 18:00 assisting 35t excav. in breaking and lifting slabs below former clean concrete stock with all remaining processed & available R.C slabs (PFAS free) due to be completed 07/03/25.

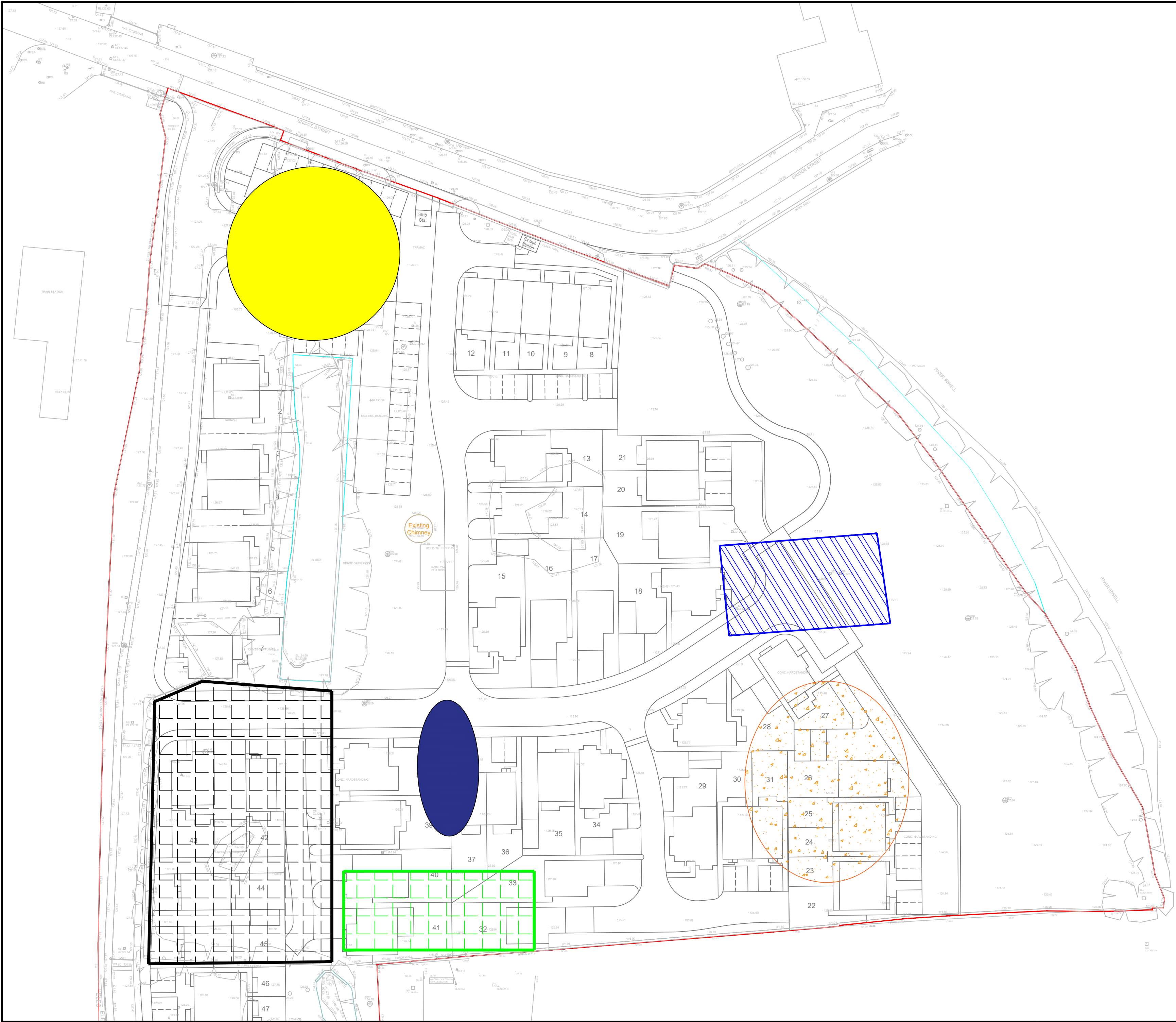
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-	-	-	Description	-
-	-	-	Description	-



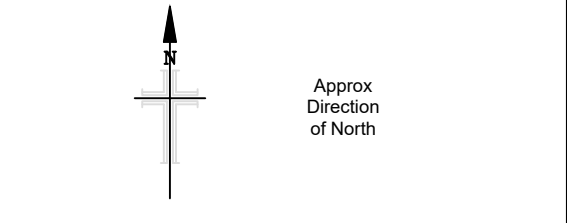
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Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client			
Eccleston Homes			
Site			
Mondi - Mill, Ramsbottom , BL0 OBS.			
Title			
MMP Daily Tracking Record 06/03/25			
Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	06/03/25
Scale	[A2 Sheet] CAD file		
1:500	Supplied planning layout.dxf		
Dwg No.			Rev
MONDI-UR-V1-01-MMP-035			A



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 - Current compound location.
 - Off-site segregated stockpile locations.
 - Screening Stockpile
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 17:00 : 35t excav (Kev) & 30t ADT (Mick) collecting remaining scrap from around site and hauling to southern boundary in preparation of off site disposal/processing due W/C 10/03/25. Idling southern stocking area in preparation of J/K impacted soil removal due W/C 10/03/25 including segregating scrap, tree/roots branches etc. from bitumen soaked sleepers, segregating tyres encountered during works. 35t excav (Mick) assisting with crushing operation during segregating works being undertaken. 16:00 17:00 35t excav (Mick) operative maintaining & cleaning plant in preparation of leaving site 10/03/25.
 - 07:00 - 17:00 : 30t excav (Rick) utilising hydraulic breaker to finish last of slab then loading Powertrack R400 crusher processing last of available clean concrete into 6F2, approx. 200 m3 processed. 16:00 - 17:00 crusher being maintained & cleaned in preparation of leaving site 10/03/25.

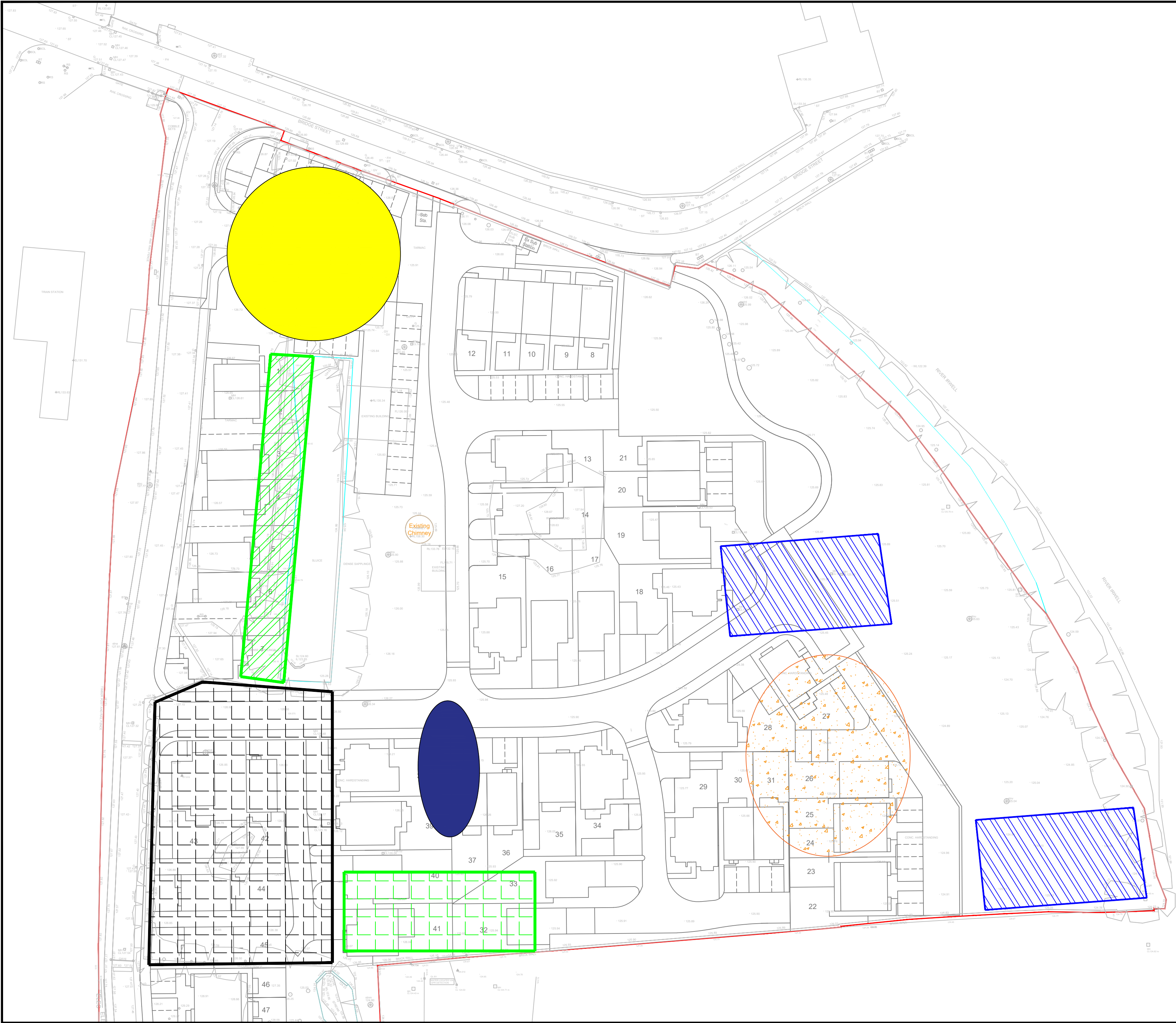
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Rev	Date	Drawn	Description	Chk'd



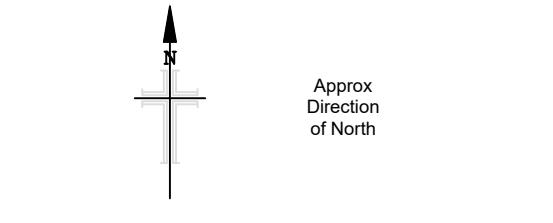
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Salford,
M6 6FG
TEL :
email :

Client			
Eccleston Homes			
Site			
Mondi - Mill, Ramsbottom , BL0 OBS.			
Title			
MMP Daily Tracking Record 07/03/25			
Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	07/03/25
Scale	[A2 Sheet] CAD file		
1:500	Supplied planning layout.dxf		
Dwg No.			Rev
MONDI-UR-V1-01-MMP-036			A



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- Key:**
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 - Current compound location.
 - Off-site segregated stockpile locations.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 17:00 : 35t excav. (Kev) Clearing last of segregated materials with 30t ADT (Lewis) from southern boundary in preparation of J.K. impacted soils excavation until 09:00, then commencing with Site wide tidy up clearing Golt of debris with hydraulic grab, re-shaping western batter of Golt & forming "bund" at top
 - 07:00 - 10:00 30t excav. (Rick) utilising hydraulic pulveriser to break up last of slab not processed with crusher last week until 09:00 then commencing with J.K impacted soil removal with 30t ADT (Lewis) and under the guidance of G.Parry (K.E) in the former tip (Area 5) between the existing compound and the R.C.C access rd., J.K impacted materials to be stockpiled within compound on concrete slabs, in preparation of off site disposal due to commence 13 or 14/03/25, works suspended at 10:00 due to volume of demo rubble, plastic, carpets etc., 10:00 - 17:00 : 30t excav. (Rick) continuing with processing O/S concrete and commencing with tidying S.E corner of site.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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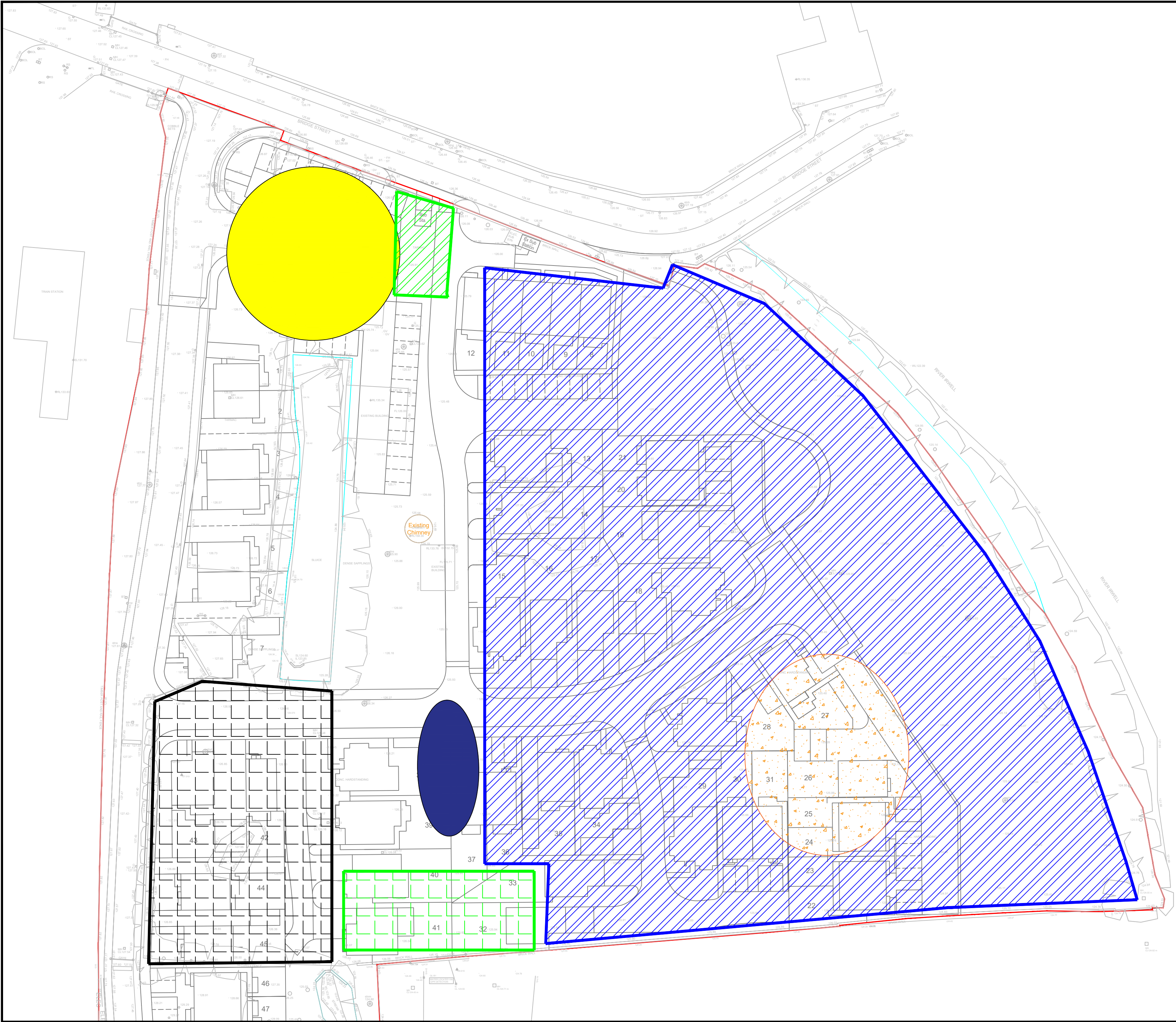
Urban Regen Ltd.,
Langley Road,
Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client
Eccleston Homes

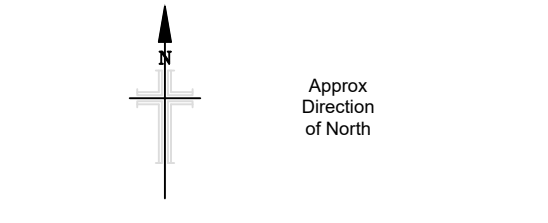
Site
Mondi - Mill,
Ramsbottom , BL0 OBS.

Title
MMP Daily Tracking Record
10/03/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	10/03/25
Scale	[A2 Sheet]	CAD file	
1:500		Supplied planning layout.dxf	
Dwg No.			Rev
MONDI-UR-V1-01-MMP-037			A



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 - Current compound location.
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 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev) tidying and backfilling around services entering site on northern boundary backfilling water connection/diversion with sand and sub base then undertaking turn over of former road removing all structures and hard materials in excess of 150mm up to 2.0 m from E.G.L.'s , material's turned compacted in 300mm layers with 13t roller removing surfacing from existing road located on eastern boundary of area 3, stockpiled locally in preparation of being collected by ADT tomorrow and taken to stockpile.
 - 07:00 - 18:00 : 30t excav. (Rick) tidying site, excavating surface water run-off ditch around completed area 1 ensuring that any step exceeding 300mm is ramped, stockpiling loose materials, gen. waste & scrap metal encountered during works, formed into localised stockpiles in preparation of being collected by ADT tomorrow ready for off site disposal/processing

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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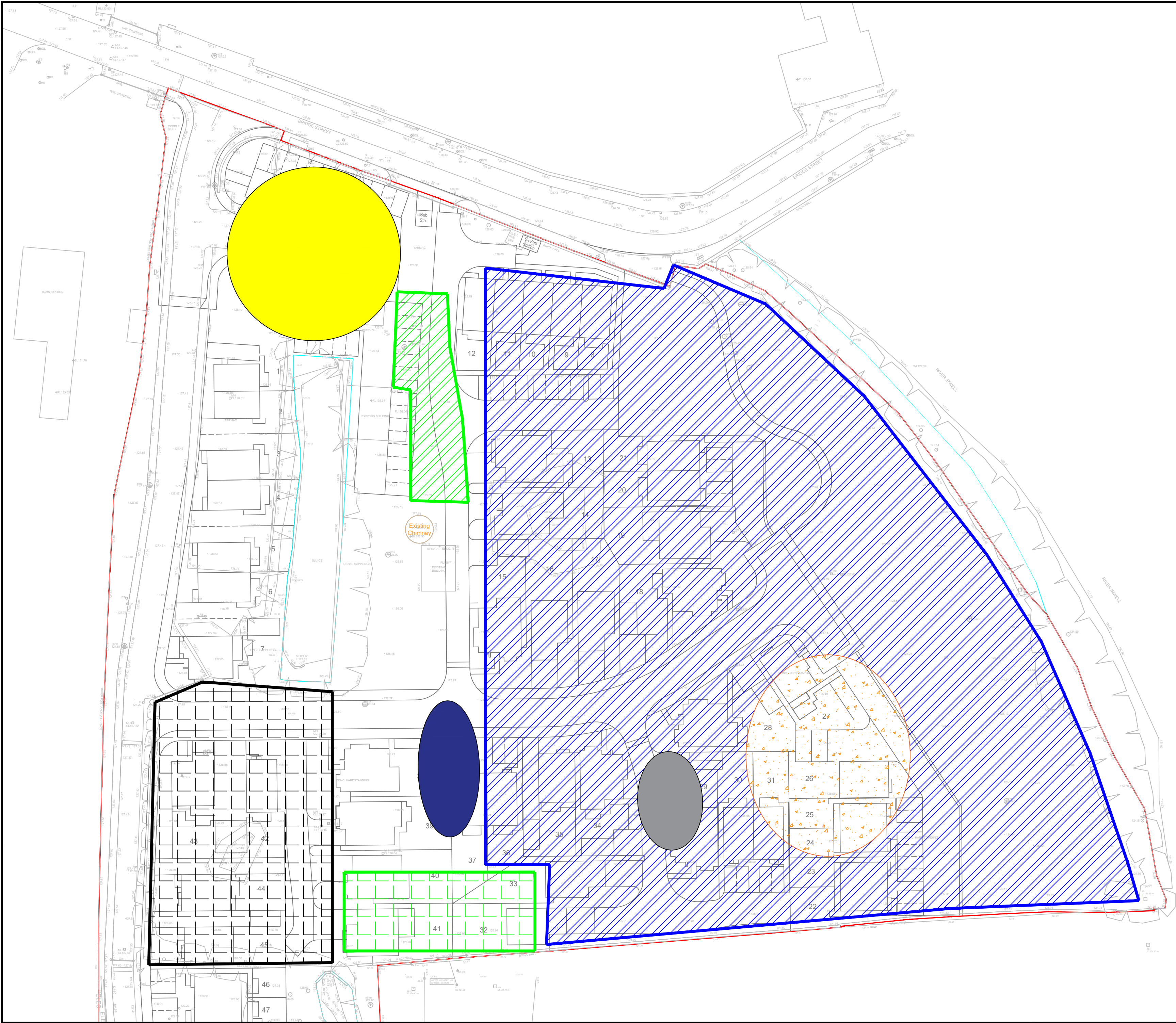
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Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client
Eccleston Homes

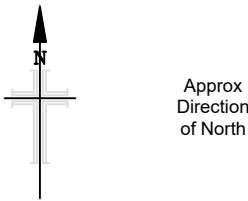
Site
Mondi - Mill,
Ramsbottom , BL0 0BS.

Title
MMP Daily Tracking Record
11/03/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	11/03/25
Scale	[A2 Sheet]	CAD file	
1:500	Supplied planning layout.dxf		
Dwg No.	MONDI-UR-V1-01-MMP-038		Rev
			A



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 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

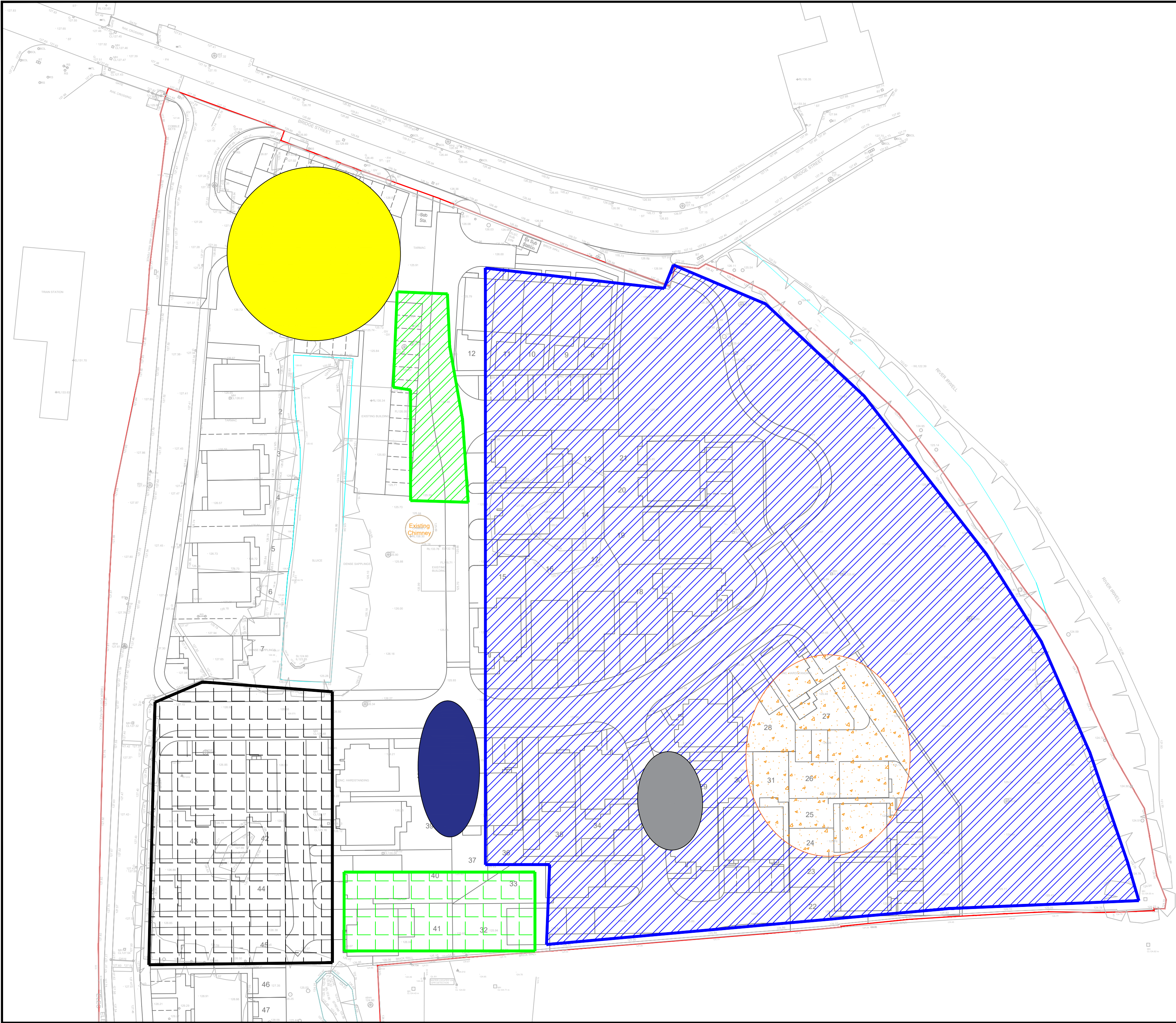
- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev) & 30t ADT (Rob) hauling localised stockpiles generated on the 11/03/25 creating new segregated clean concrete stockpile on the west side of area 1 turned works, then undertaking turnover of existing road removing former services (S.W. water, Unknown HDPE & Elec.) & obstructions in excess of 150mm dia. encountered upto 2.0m from EGL's, with hard materials (Stone & concrete) sent to stockpile on turned materials in area 1 ready for processing and recoverable materials sent to segregated stockpiles on southern boundary. Turned ground re-engineered in 300mm layers compacted with 13t roller.
 - 07:00 - 17:00 : 30t excav. (Rick) continuing with site wide tidying until 12:00 then SMT on site to undertake maintenance on final drive of excavator 14:30 SMT litter left site to collect required part (Roller pin) and is due back 13:05am to complete maintenance

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd

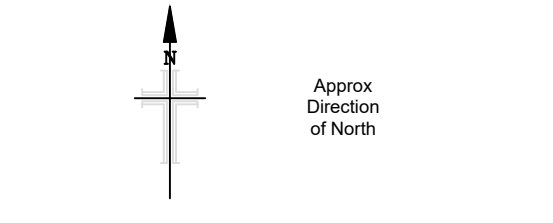


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Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client			
Eccleston Homes			
Site			
Mondi - Mill, Ramsbottom , BL0 OBS.			
Title			
MMP Daily Tracking Record 12/03/25			
Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	12/03/25
Scale	[A2 Sheet] CAD file		
1:500	Supplied planning layout.dxf		
Dwg No. MONDI-UR-V1-01-MMP-039			Rev A



Notes
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- Key:**
- Site boundary
 - Current compound location.
 - Off-site segregated stockpile locations.
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev) utilising hydraulic breaker to reduce down oversize on new clean concrete stock awaiting SMT to arrive and complete maintenance on 30t excav. before having final drive serviced on excav. SMT due on site at 08:30. excav. sent lifting surface slabs from eastern boundary (River Inwell) until filter ready to undertake maintenance. slabs hauled to processing/stockpile location in area 1 by 30t ADT. Excav. down between 12:00 & 14:00. 14:00 - 18:00 utilising hydraulic breaker to "pepper pot" existing surface slabs of area in preparation of being lifted W.C 17/03/25.
 - 07:00 - 18:00 : 30t excav. (Rick) standing until 12:00 when repaired and commissioned for work by SMT, then continuing with lifting surface slabs being undertaken by 35t excav. in task 1, hauling broken concrete to processing/stockpile by 30t ADT 2.6 no. loads in total, approx 340 m3.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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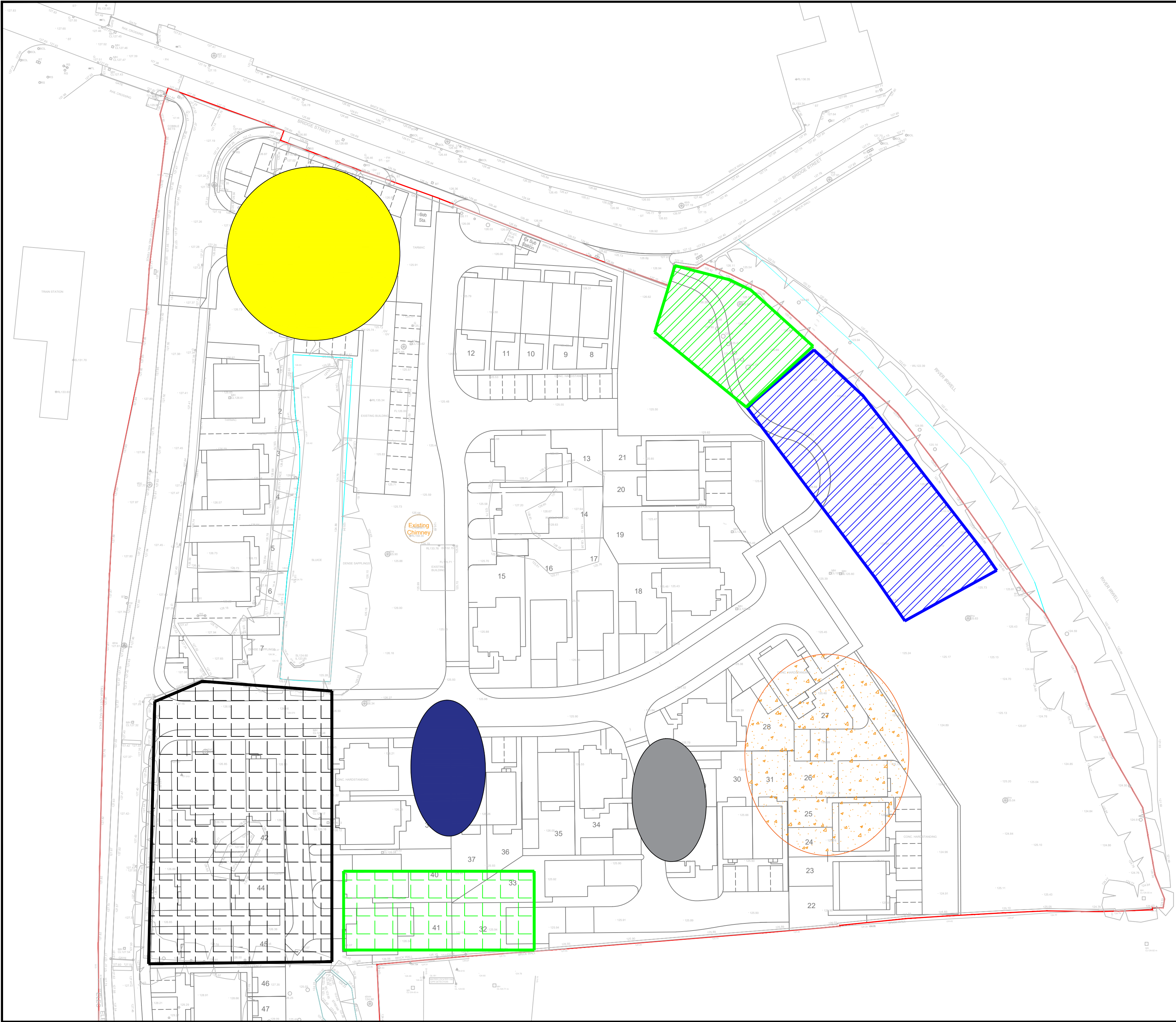
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Langley Road,
Pendlebury,
Salford,
M6 6FG
TEL :
email :

Client
Eccleston Homes

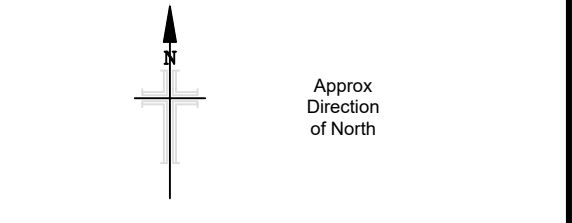
Site
Mondi - Mill,
Ramsbottom , BL0 0BS.

Title
MMP Daily Tracking Record
13/03/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	13/03/25
Scale	[A2 Sheet]	CAD file	
1:500	Supplied planning layout.dxf		
Dwg No.	MONDI-UR-V1-01-MMP-040		Rev A



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- Key:**
- Site boundary
 - Current compound location.
 - Off-site segregated stockpile locations.
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 13:00 : 35t excav. (Kev) utilising hydraulic breaker on existing slabs in area 2 in preparation of being sent to processing/stockpile in area 1. removing 500mm thick tarmac from ramped access from gabled entrance in N.E. corner of site 12:00 main hose at top of arm blew off at feral. DT hoses & UR informed, unable to move excavator due to severity of loss of hydraulic oil. litter's due on site with cherry-picker to access worn hose this afternoon.
 - 07:00 - 17:00 : 30t excav. (Rick) utilising hydraulic pulveriser processing at new clean concrete stock located on tarmac section of area 1 until 12:00 then loading 30t ADT with 2nd concrete slab exposed 13/03 after removing surface R.C slab on eastern boundary (River Inwell).
 - 07:00 - 17:00 : 30t ADT (Rob) hauling slab breakout from eastern boundary to processing/stockpile location in area 1. 17 no. clean concrete OIS (approx. 221 m3) & 2 no. tarmac (Approx. 26 m3)

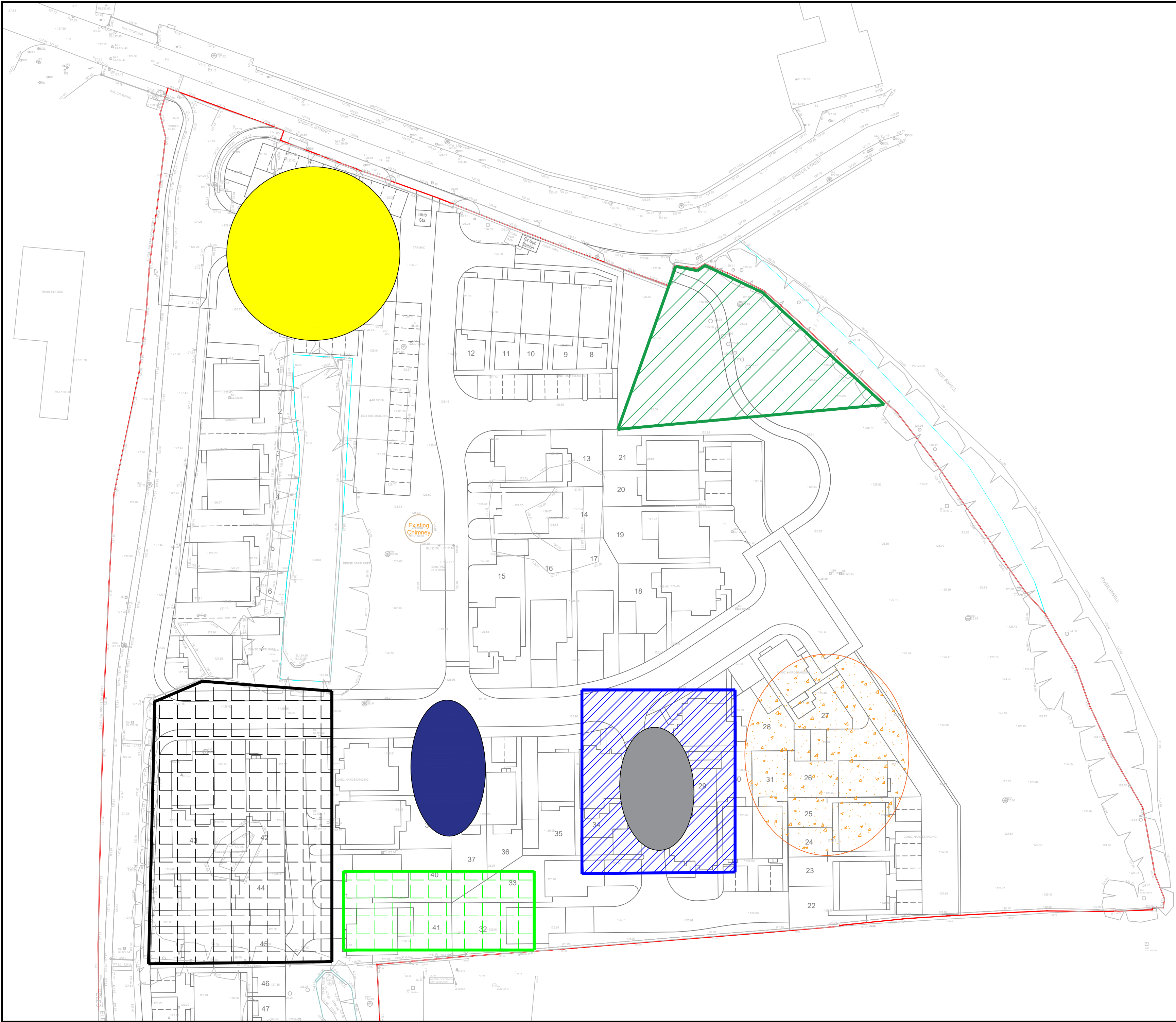
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-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



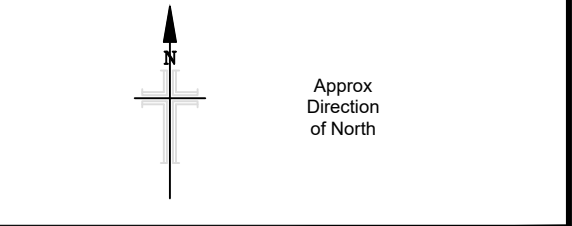
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Client				Eccleston Homes	
Site					
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Title					
MMP Daily Tracking Record 14/03/25					
Surveyed		IHB		Drawn	
Chk.		IHB		Date	
Scale		[A2 Sheet] CAD file		14/03/25	
1:500		Supplied planning layout.dxf			
Dwg No.				Rev	
MONDI-UR-V1-01-MMP-041				A	



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- Key:**
- Site boundary
 - Current compound location.
 - Off-site segregated stockpile locations.
 - Clean Concrete processing/stockpile.
 - Tarmac Stockpile.
 - Site won sandstone sub base Stockpile.
 - Site Won Clean 6F2 Stockpile

- Works Undertaken:**
- 07:00 - 18:00 : 35t excav. (Kev) continuing with removing hardstanding from existing N.E corner gated access (up to 750mm of tarmac) with as dug hard materials sent to segregated stockpiles in area 1 until 10:00 then utilising hydraulic breaker to "peeper pot" existing surface slabs in area 2. Slabs previously deemed high risk for possible PFAS contamination, instructed by EHB-G that testing came back clean and therefore no need to segregate from other site won hard materials. 4 no. loads of QIS concrete (52 m3) & 2 no. Tarmac (26 m3) taken to segregated stocks in area 1.
 - 07:00 - 18:00 : 30t excav. (Rick) utilising hydraulic pulveriser processing clean concrete slabs removed 13 & 14/03/25 to ensure that weeks of processing not required when crusher on hire and speed up crushing operation, at new clean concrete stock in area 1, scrap re-inforcement generated taken to stockpile adjacent compound in preparation of offsite disposal/processing.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Chk'd



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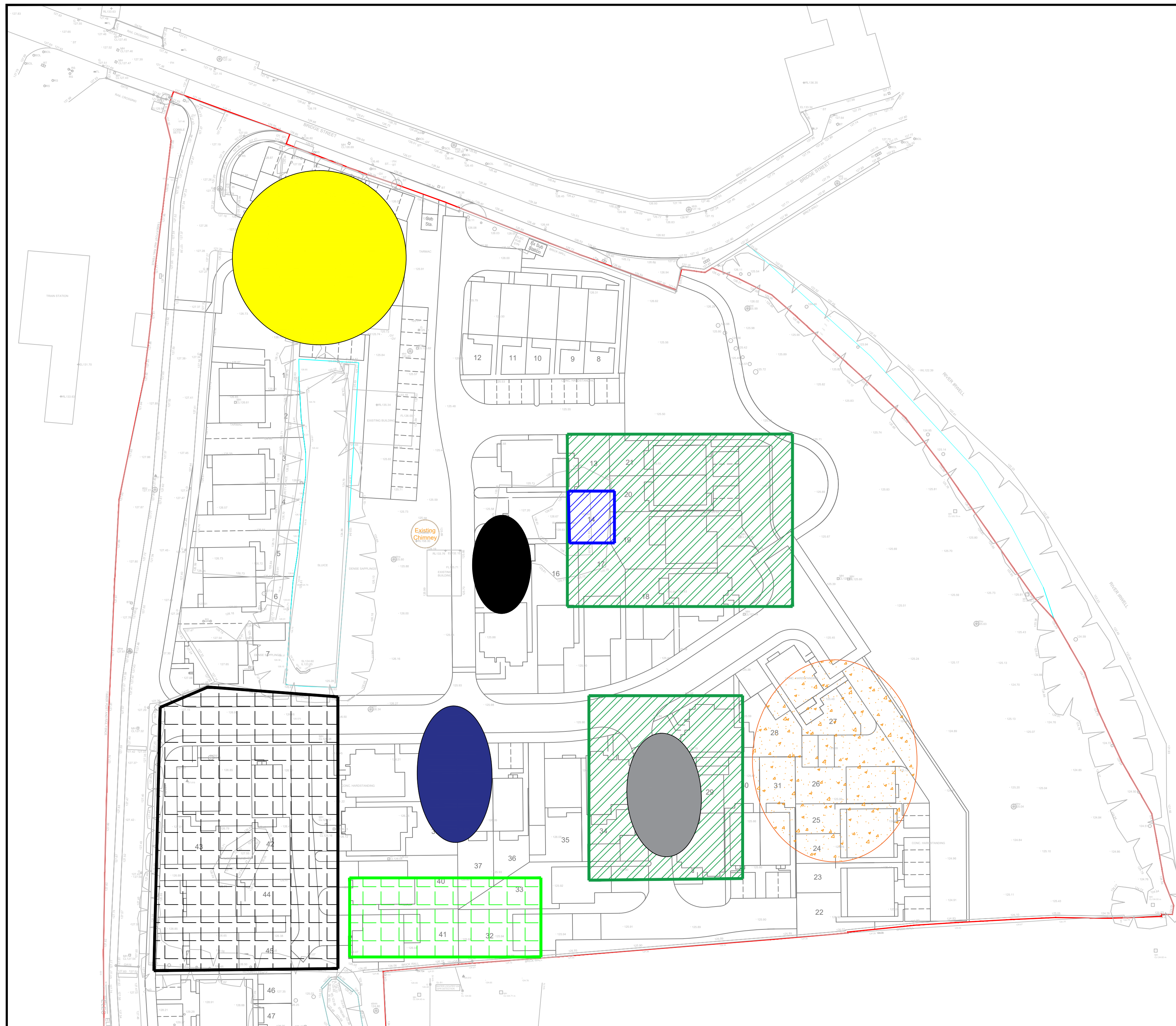
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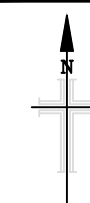
Site
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Title
MMP Daily Tracking Record
17/03/25

Surveyed	IHB		Drawn	IHB		
Chk.	IHB		Date	17/03/25		
Scale		[A2 Sheet]	CAD file			
1:500		Supplied planning layout.dxf				
Dwg No.			MONDI-UR-V1-01-MMP-043		Rev	
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Approx
Direction
of North

Key:

-  Site boundary
-  Current compound location.
-  Off-site segregated stockpile locations.
-  Clean Concrete processing/stockpile.
-  Base layer Concrete processing/stockpile.
-  Tarmac Stockpile.
-  Site Won Clean 6F2 Stockpile

Works Undertaken:

- 07:00 - 18:00 : 35t excav. (Kev) completing processing at clean concrete stock until 12:00 including loading of 2 no. skips of scrap metal for off site disposal/processing, then clearing area of 2 slab breakout with 30t ADT (Rob) and breakout of mass base for 30t excav 21 no. loads (270 m3) of O/S concrete hauled to segregated stocks in area 1.
- 07:00 - 18:00 : 30t excav. (Rick) utilising hydraulic breaker on mass concrete base encountered 07:30 until 16:00, when hose on breaker started leaking. DT hydraulics contacted and done on site 20/03/25 @ 07:00, then utilising hydraulic pulveriser to process R.C slabs at new clean concrete stockpile.

-	--/--/----	--	Description	--
-	--/--/----	--	Description	--
Rev	Date	Drawn	Description	Ch'k'



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Site

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Ramsbottom , BL0 0BS.

Title	
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MMP Daily Tracking Record
19/03/25

Surveyed	IHB	Drawn	IHB
Chk.	IHB	Date	19/03/25

Scale	[A2 Sheet]	CAD file
1:500		Supplied planning layout.dxf

Dwg No.	Rev
MONDI-UR-V1-01-MMP-045	A