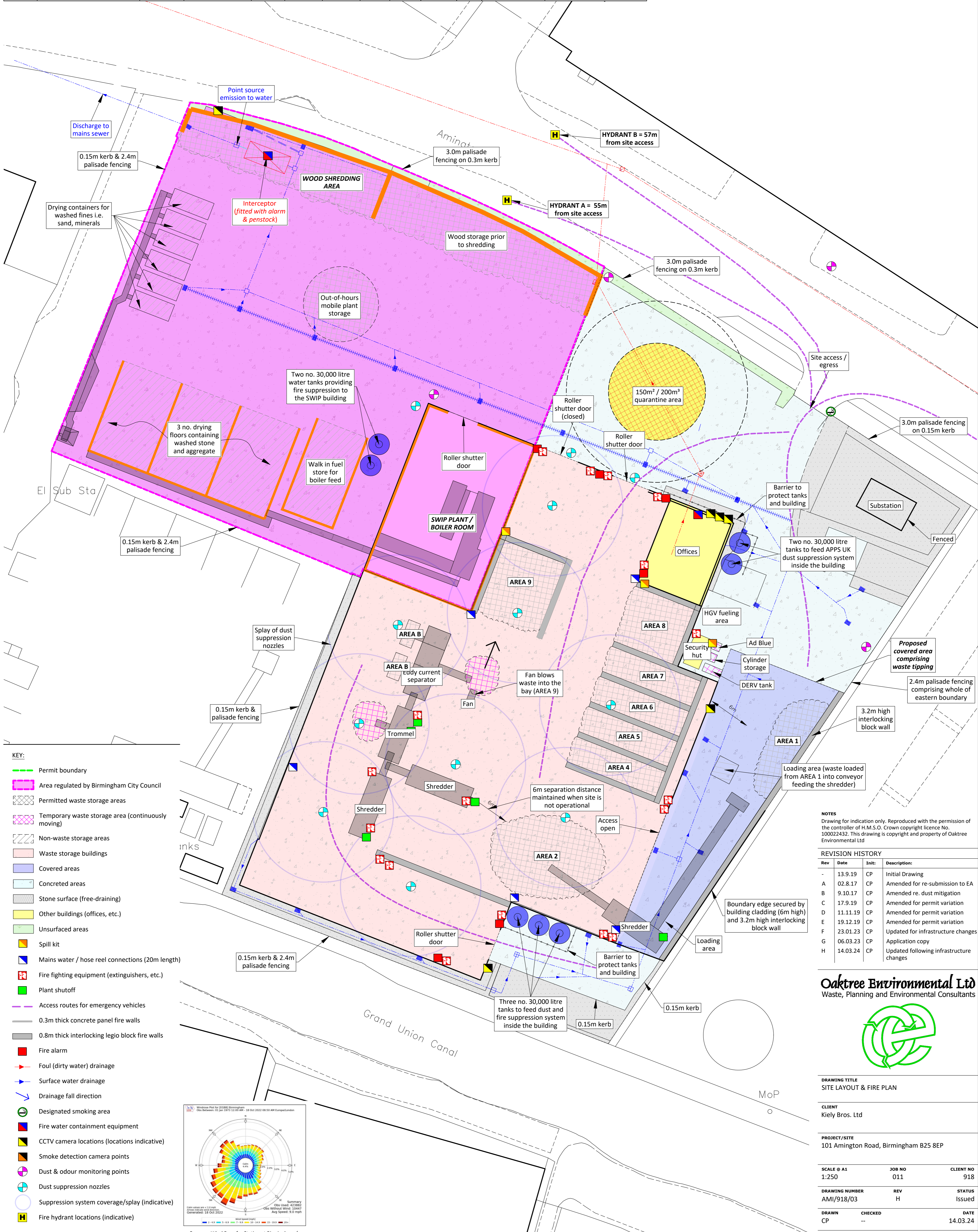
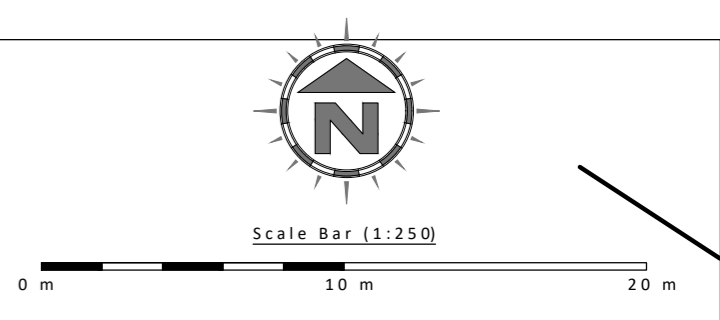


Plan Ref	Description	Storage form/containment	Height, width (m) & type of firewall	Max Length / Width (m)	Operational storage height (m)	Out-of-hours storage height (m)	Approx. Area (m ²)	Conversion factor used	Volume (m ³)	Tonnes (approx.)	Max storage duration	Comments
AREA 1	Tipping / reception area for residual waste (RDF material) >150mm	Free standing / fire wall	3.2m high, 0.8m thick interlocking concrete blocks	20	3	2.2	120	0.75	270	135	<24 hours	The entire pile would be processed during operational hours.
AREA 2	Shredded residual (RDF) waste <300mm	Free standing / fire wall	6, 0.15 / 0.8 & interlocking concrete blocks and concrete panel of building	20	2	2	250	0.5	250	125	<24 hours	The entire pile would be processed during operational hours.
AREA 3	Holding bay for <40mm shred waste (non-ferrous metal removed by eddy current) - SRF material	Free standing / fire wall	3.2m high, 0.8m thick interlocking concrete blocks	12	3	2	90	0.75	202.5	101.25	<24 hours	The waste will be transferred to AREAS 4 - 9 once full.
AREAS 4 - 7	Overflow bays - could contain mixture of waste stored in AREAS 1 - 3	Free standing / fire wall	4, 0.8m & interlocking concrete blocks	14	4	3	50	0.75	150	75	<7 days	The nature of waste may change the bay. If the waste in the bays is wet, it may be stored for up to 7 days so it can dry naturally.
AREA 8	As above	Free standing / fire wall	As above	14	4	3	80	0.75	240	120	<7 days	As above.
AREA 9	Output bay for processed material arising from AREA 3 (SRF).	Free standing / fire wall	As above	12	4	3	90	0.75	270	135	<7 days	See AREAS 4 - 7.
AREAS A - B	Containers of non-ferrous metal removed via eddy current separator	N/A	N/A	3.7	1.86	1.86	10	1	20	10	<7 days	Containers usually removed weekly.



- KEY:**
- Permit boundary
 - Area regulated by Birmingham City Council
 - Permitted waste storage areas
 - Temporary waste storage area (continuously moving)
 - Non-waste storage areas
 - Waste storage buildings
 - Covered areas
 - Concreted areas
 - Stone surface (free-draining)
 - Other buildings (offices, etc.)
 - Unsurfaced areas
 - Spill kit
 - Mains water / hose reel connections (20m length)
 - Fire fighting equipment (extinguishers, etc.)
 - Plant shutoff
 - Access routes for emergency vehicles
 - 0.3m thick concrete panel fire walls
 - 0.8m thick interlocking legio block fire walls
 - Fire alarm
 - Foul (dirty water) drainage
 - Surface water drainage
 - Drainage fall direction
 - Designated smoking area
 - Fire water containment equipment
 - CCTV camera locations (locations indicative)
 - Smoke detection camera points
 - Dust & odour monitoring points
 - Dust suppression nozzles
 - Suppression system coverage/splay (indicative)
 - Fire hydrant locations (indicative)

