Key:

Permit Boundary

Rev.	Details	Drawn / Chkd.	Date

Project

193237
Salford Port

Title

Site Location Plan

AA Environmental Ltd
Units 4-8
Cholswell Court
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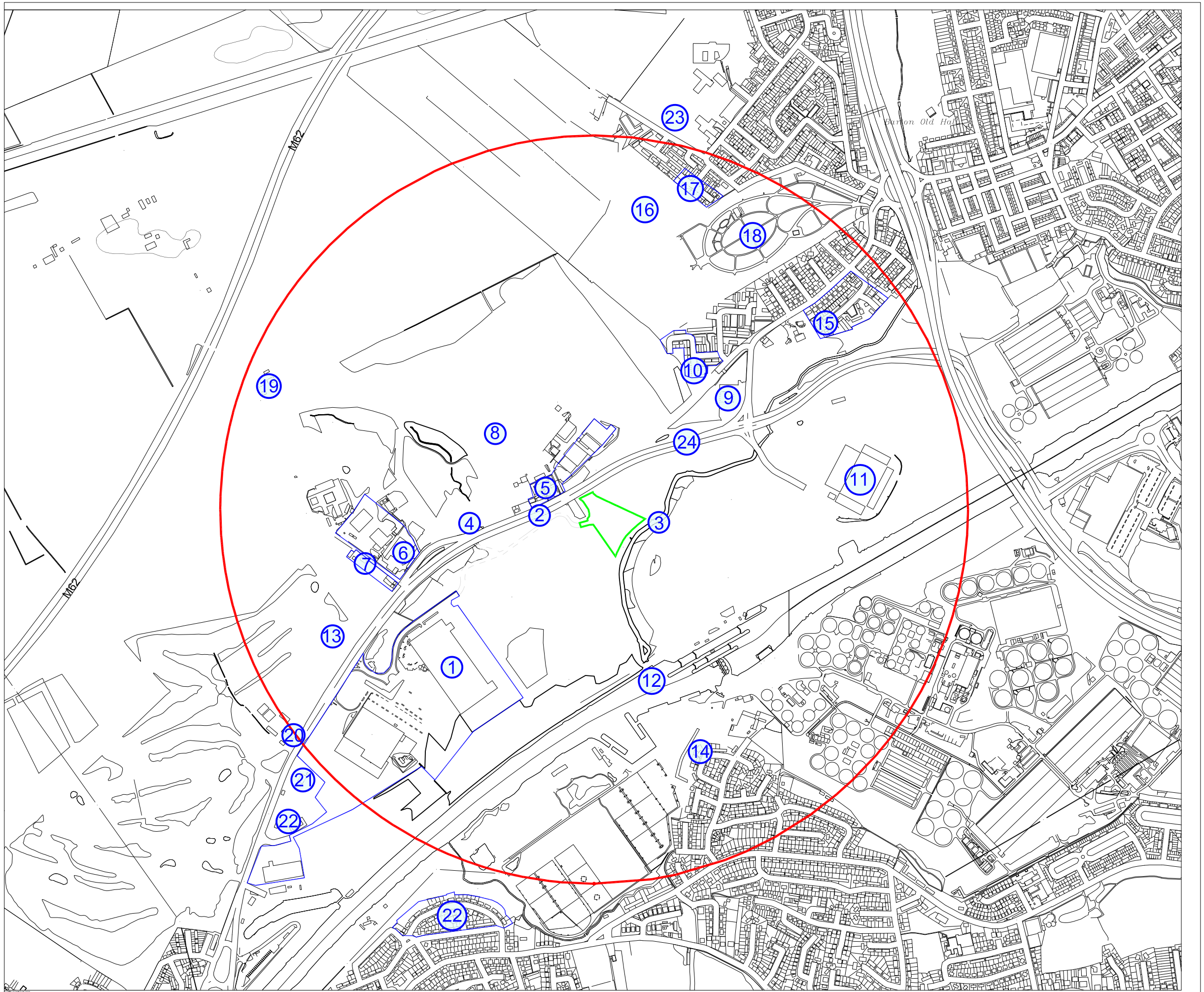
Environmental Consultants

Scale	Date	Drawn	Chkd.	Drg. No.	Rev.
1:10,000@A3	Nov '19	JM	EB	193237/D/001	



Key:

- Permit Boundary
- 1 km radius from centre of site
- 1 Industrial Buildings along A57
- 2 Residential properties along Liverpool Road
- 3 Salteye Brook
- 4 Boyle Brook
- 5 Flying Schools/ Airport Garage
- 6 Industrial estate off A57
- 7 Residential dwellings along Barton Moss Road
- 8 Manchester City Airport (Barton)
- 9 Barley Farm Dining and Carvery
- 10 Residential dwellings along Trident Road
- 11 AJ Bell Stadium
- 12 Manchester Ship Canal
- 13 Golf Course
- 14 Dwellings along Ripley Crescent
- 15 Dwellings along New Hall Avenue
- 16 Sports Ground
- 17 Dwellings along Robinia Close
- 18 Peel Green Cemetery and War Memorial
- 19 Tunnel Farm
- 20 Residential Dwellings off of Liverpool Road
- 21 The Club House Restaurant
- 22 Residential dwellings along Daresbury Avenue
- 23 Barton Moss Primary School
- 24 A57 public highway

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Receptor Plan

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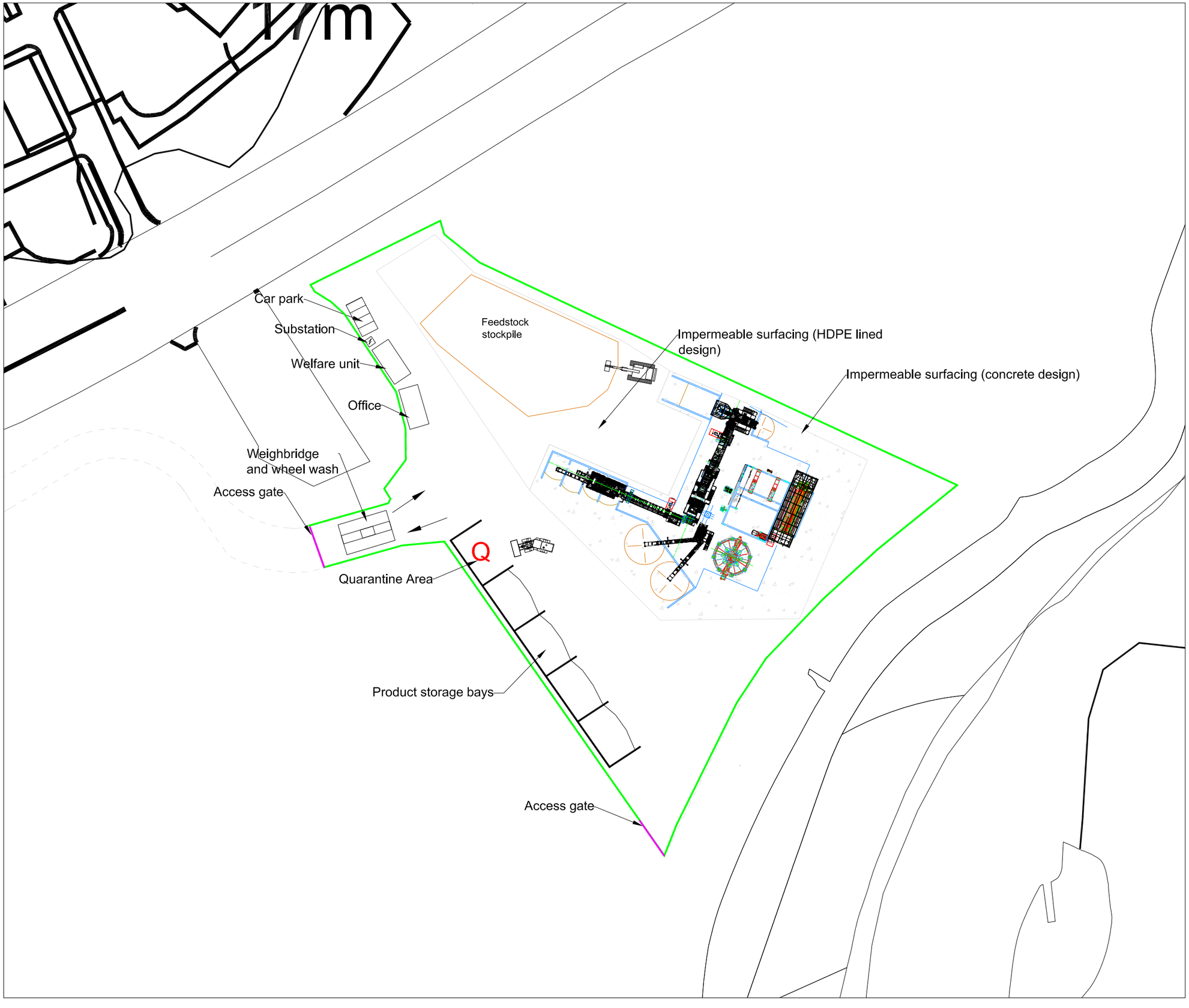
1:10,000@A3	Oct '19	JM	EB	193237/D/002	



Key:

Permit Boundary

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Site Layout Plan

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1:1000@A3	Nov '19	193237/D/003	
	Drawn: JM / Chkd.: EB		

Overflow filter trench to take exceedance flows from stone hardstanding area

Formation of sub-base to fall at 1:200 towards storage lagoon

DN225 perforated slot drain laid at 1:200 within stone base

Catchpit chamber

Storage lagoon

DN225 overflow from storage lagoon into filter trench

Overflow filter trench 1m wide with a 0.75-1.2m depth of 4-20mm Type 3 OGRC. A DN225 Perforated pipe laid at sub-base with a 1:300 gradient towards overflow attenuation basin

Catchpit chamber

Gabion/rip rap to prevent bank erosion

Overflow attenuation basin sized to manage runoff from the 1:100+40%cc rainfall event providing 375m³ storage volume

Flow control chamber with 32mm orifice to restrict discharge to 3.5 l/s (Qbar Greenfield Runoff)

DN150

Emergency spillway to direct flood flows towards Salteye Brook

Outfall into Salteye Brook subject to per

Permeable hardstanding area

Concrete hardstanding area, runoff to fall towards central collection drain (design by others) and into storage lagoon

SALTEYE BROOK

DN225 PERFORATED

DN225 PERFORATED

DN225 PERFORATED

DN225 overflow pipe

Key:

- Permit Boundary
- Stone Cap over HDPE Impermeable lined design
- Impermeable Surfacing (concrete)
- Collection Sump
- Discharge Point

Notes:

1. For detailed drainage design see MJA Consulting Surface Water Drainage Technical Note (document ref. CP/0675/6158).
2. The coordinates of the Discharge Point is 374614.95E, 396891.10N.

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Site Drainage Plan

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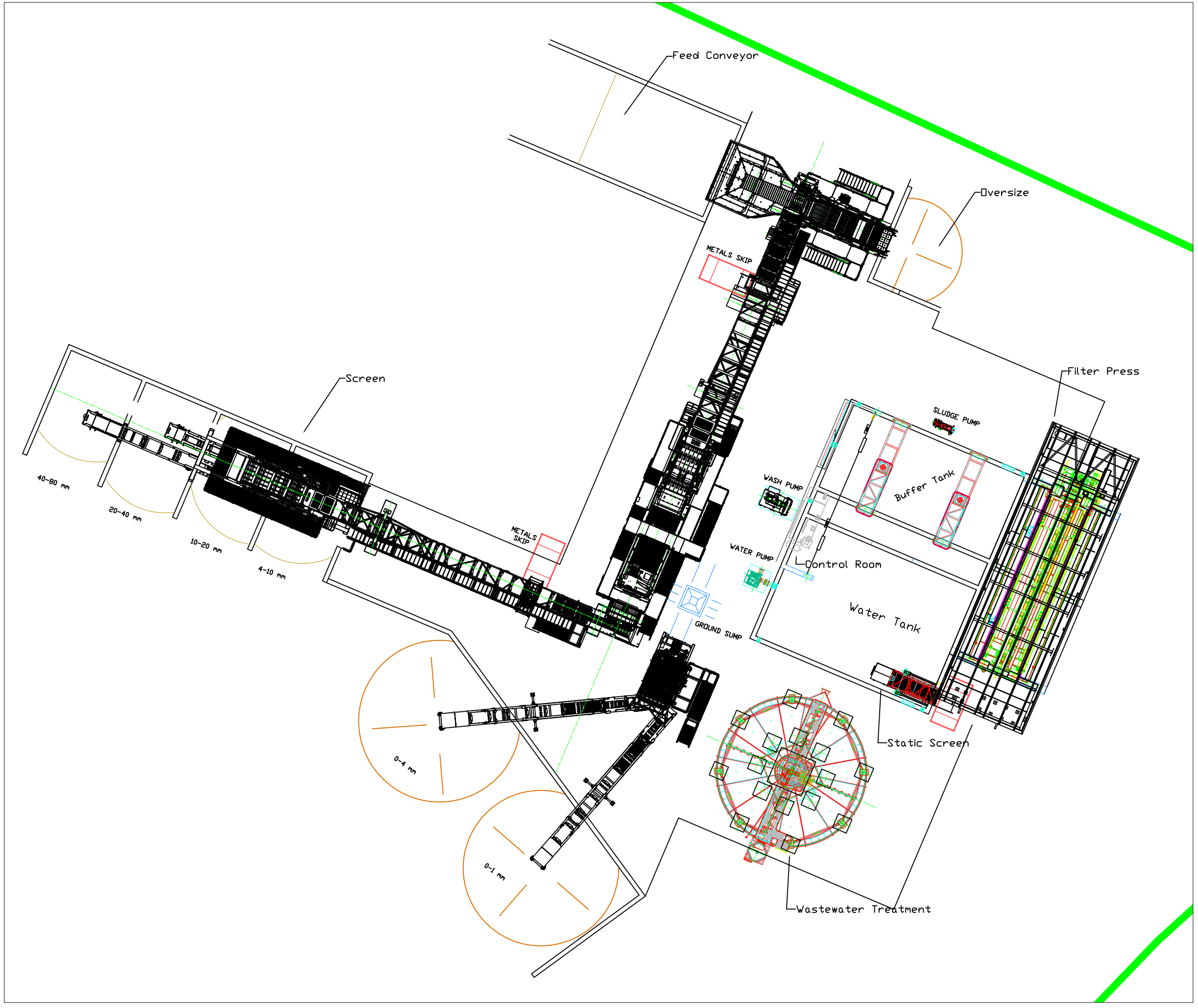

Key:

Permit Boundary

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Process Diagram Plan

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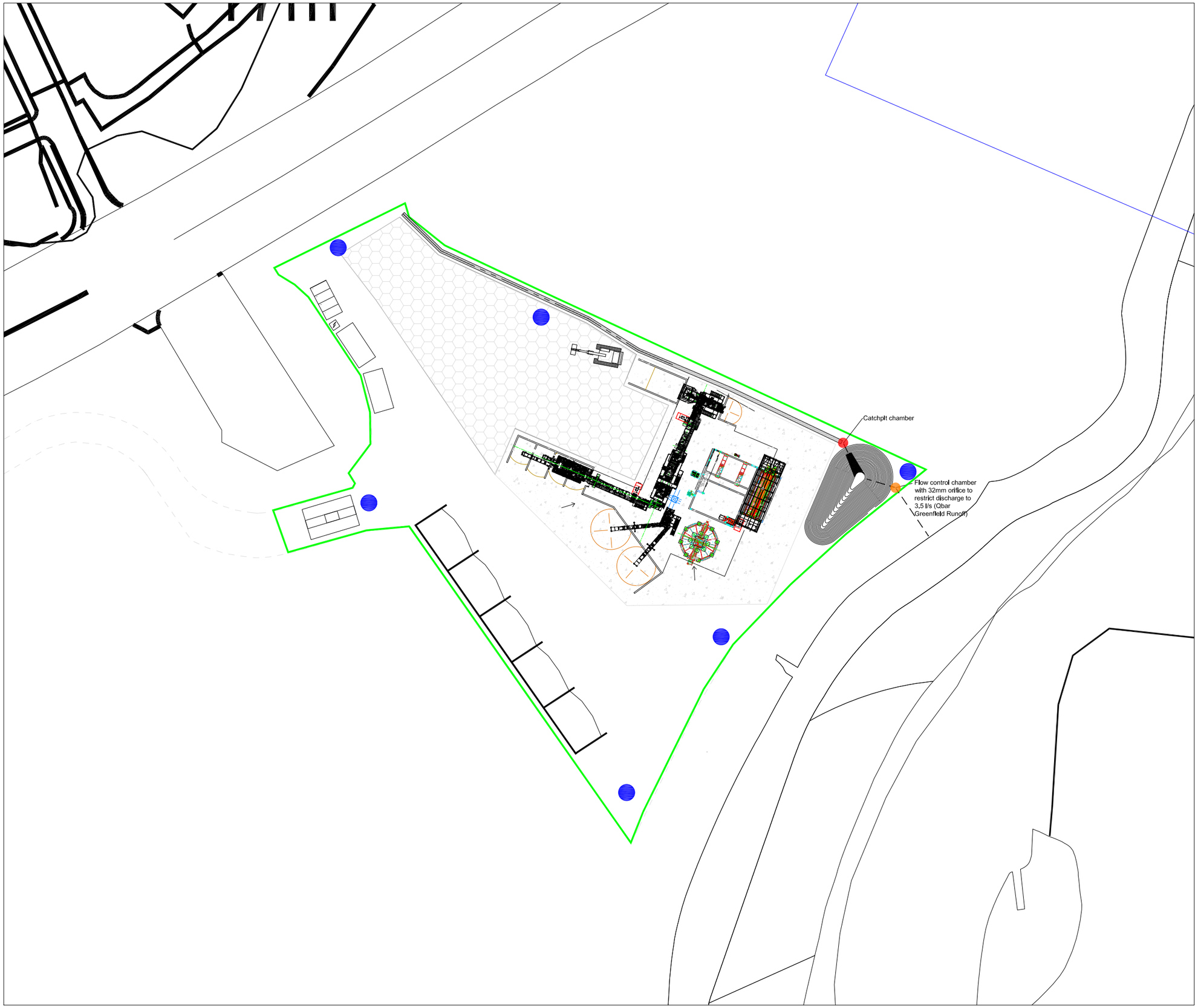
1:250@A3	Oct '19	193237/D/005	
	Drawn: JM / Chkd.: EB		



Key:

- Permit Boundary
- Stone Cap over HDPE Impermeable lined design
- Impermeable Surfacing (concrete)
- Visual Inspection Locations
- Surface Water Inspection Location
- Surface Water Monitoring Point

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Site Monitoring Plan

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