Location Symbols

- Approximate Rotary Borehole Location (URS 2004)
- Approximate Trial Pit Location (URS 2006)
- Approximate Window Sample Probehole Location (URS 2006)
- Approximate Shell and Auger Location (URS 2006)
- Approximate Trial Pit Location (ERM 2009)
- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
- Approximate Cable Percussive Borehole Location (Westlakes 2019)
- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
- Approximate Cable Percussive Borehole Location (Westlakes 2019)
- Approximate Rotary Borehole Location (Parson Brickenhoff 2007)
- Approximate Test Location (Parson Brickenhoff 2007)
- Approximate Sample Probehole Location (Parson Brickenhoff 2007)
- Approximate Trial Pit Location (Parson Brickenhoff 2007)
- Blue Staining
- HC Odour
- Oilysheen
- PID reading high
- TAR / LNAPL / DNAPL

Notes:

Data for Manox site only

Client:

Engie

Job No: 13-887

Date: 13.11.2020

Drawing No: 021

Scale: NTS

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Phase	Revision	Date	Issue	Drawn	Checked
P1	R3	13.11.2020	REVISION	LM	OJ
P1	R2	10.11.2020	REVISION	LM	OJ
P1	R1	04.08.2020	REVISION	HM	OJ
P1	-	20.07.2020	DRAFT	LM	MD

Job Title:

Manox

Drawing Title:

Visual Olfactory Contamination Plan - Manox Area

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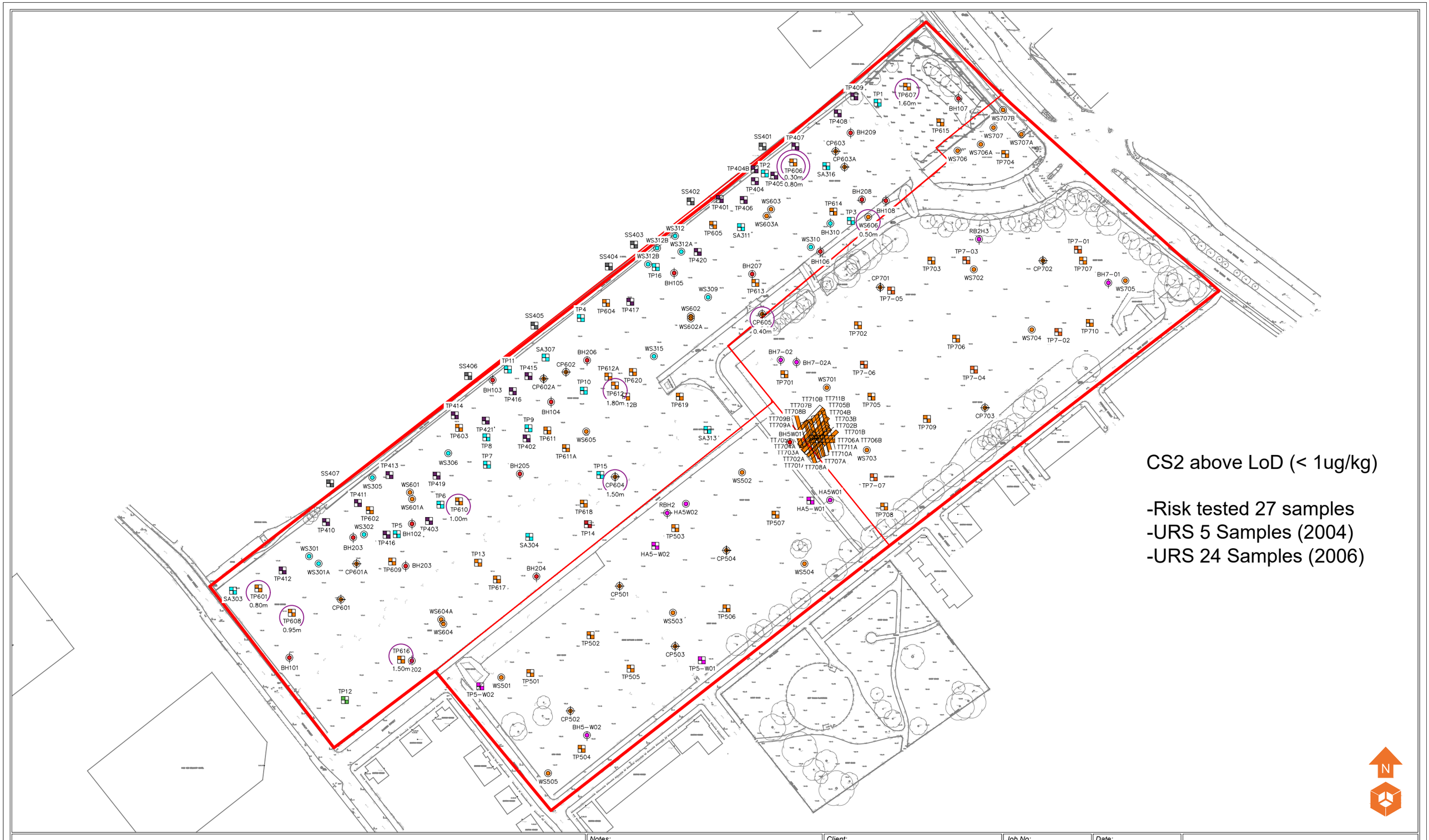

Location Symbols

- Approximate Rotary Borehole Location (URS 2004)
- Approximate Trial Pit Location (URS 2006)
- Approximate Window Sample Probehole Location (URS 2006)
- Approximate Shell and Auger Location (URS 2006)
- Approximate Trial Pit Location (ERM 2009)
- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
- Approximate Cable Percussive Borehole Location (Westlakes 2019)
- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
- Approximate Cable Percussive Borehole Location (Westlakes 2019)
- Approximate Rotary Borehole Location (Parson Brickenhoff 2007)
- Approximate Test Location (Parson Brickenhoff 2007)
- Approximate Sample Probehole Location (Parson Brickenhoff 2007)
- Approximate Trial Pit Location (Parson Brickenhoff 2007)
- CS2 above LoD (< 1ug/kg)

Notes:

P1	R1	20.07.2020	REVISION	LM	MD
Phase	Revision	Date	Issue	Drawn	Checked

Client: Engie

Job No: 13-887

Date: 20.07.2020

Drawing No: 022

Scale: NTS

Job Title: Manox

Drawing Title: Carbon Disulphate Plan

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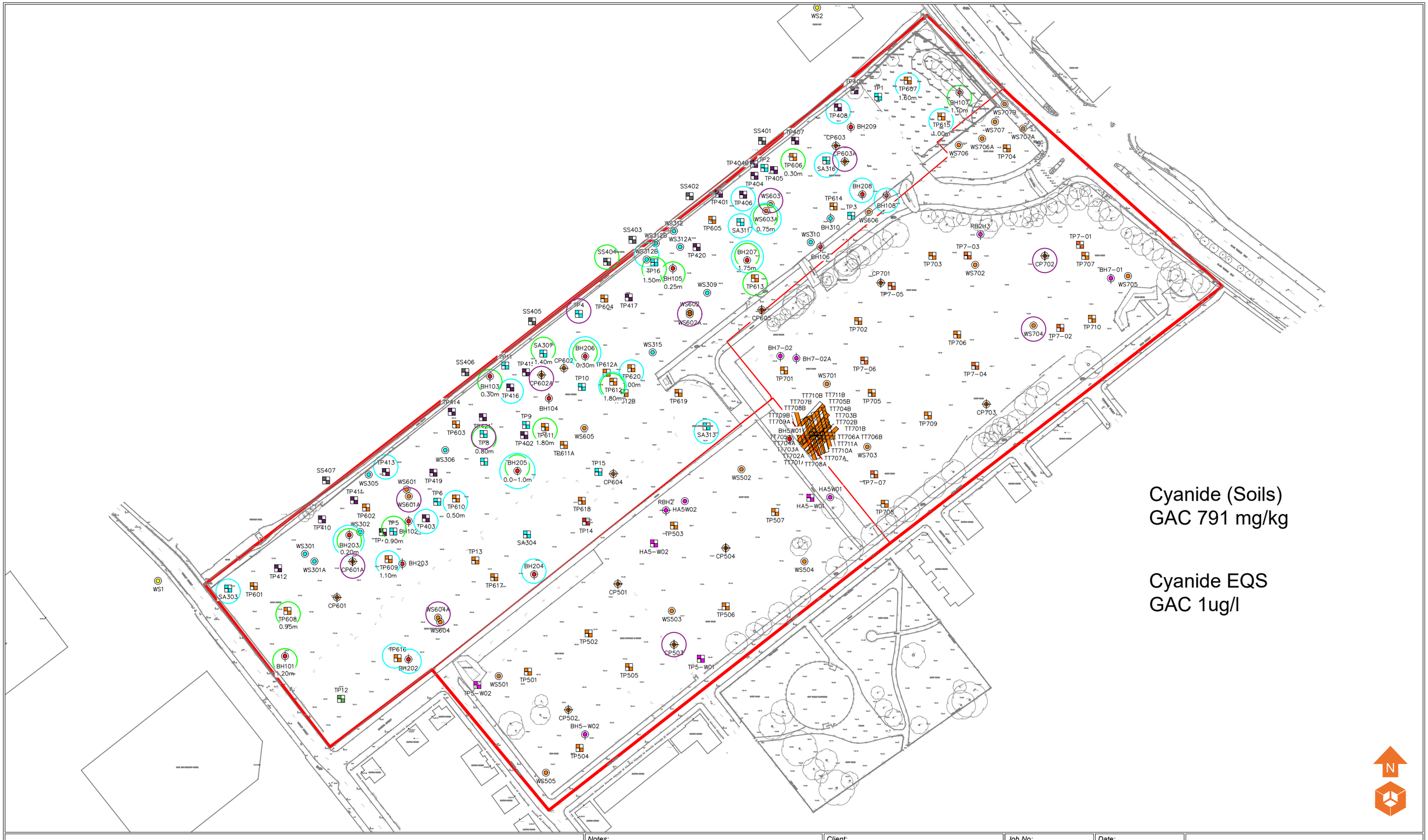

Location Symbols

- Approximate Rotary Borehole Location (URS 2004)
- Approximate Trial Pit Location (URS 2006)
- Approximate Window Sample Probehole Location (URS 2006)
- Approximate Shell and Auger Location (URS 2006)
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- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
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- Approximate Trial Pit Location (Westlakes 2019)
- Approximate Window Sample Probehole Location (Westlakes 2019)
- Approximate Cable Percussive Borehole Location (Westlakes 2019)
- Approximate Rotary Borehole Location (Parson Brickenhoff 2007)
- Approximate Test Location (Parson Brickenhoff 2007)
- Approximate Sample Probehole Location (Parson Brickenhoff 2007)
- Approximate Trial Pit Location (Parson Brickenhoff 2007)
- Total Cyanide (Water)
- Total Cyanide (Soil)
- Water Exceedance - Cyanide (E3P 2020)

Notes:

Data for Manox site only

Client:

Engie

Job No: 13-887

Date: 04.08.2020

Drawing No: 023

Scale: NTS

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Phase	Revision	Date	Issue	Drawn	Checked
P1	R2	04.08.2020	REVISION	HM	OJ
P1	R1	03.08.2020	REVISION	HM	OJ
P1	-	20.07.2020	REVISION	LM	MD

Job Title:

Manox

Drawing Title:

Cyanide Exceedance Plan

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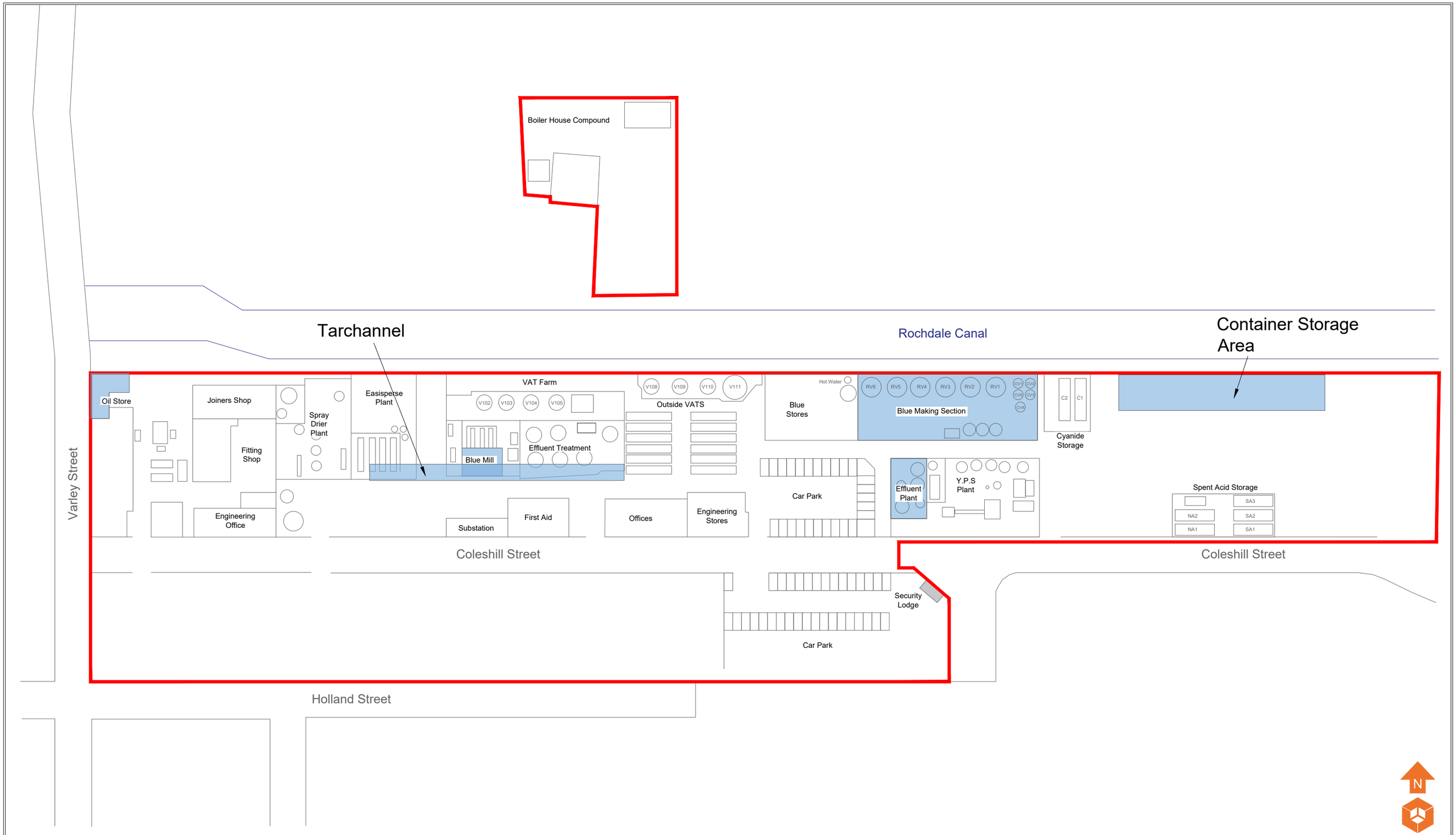

Notes:	Client:	Job No:	Date:
	Engie	13-887	20.07.2020
		Drawing No: 024	Scale: 1:1000 @ A3

P1	REVA	20.07.2020	CB	MD
Phase	Issue	Date	Drawn	Checked

Job Title: Manox

Drawing Title: Main Contamination Sources

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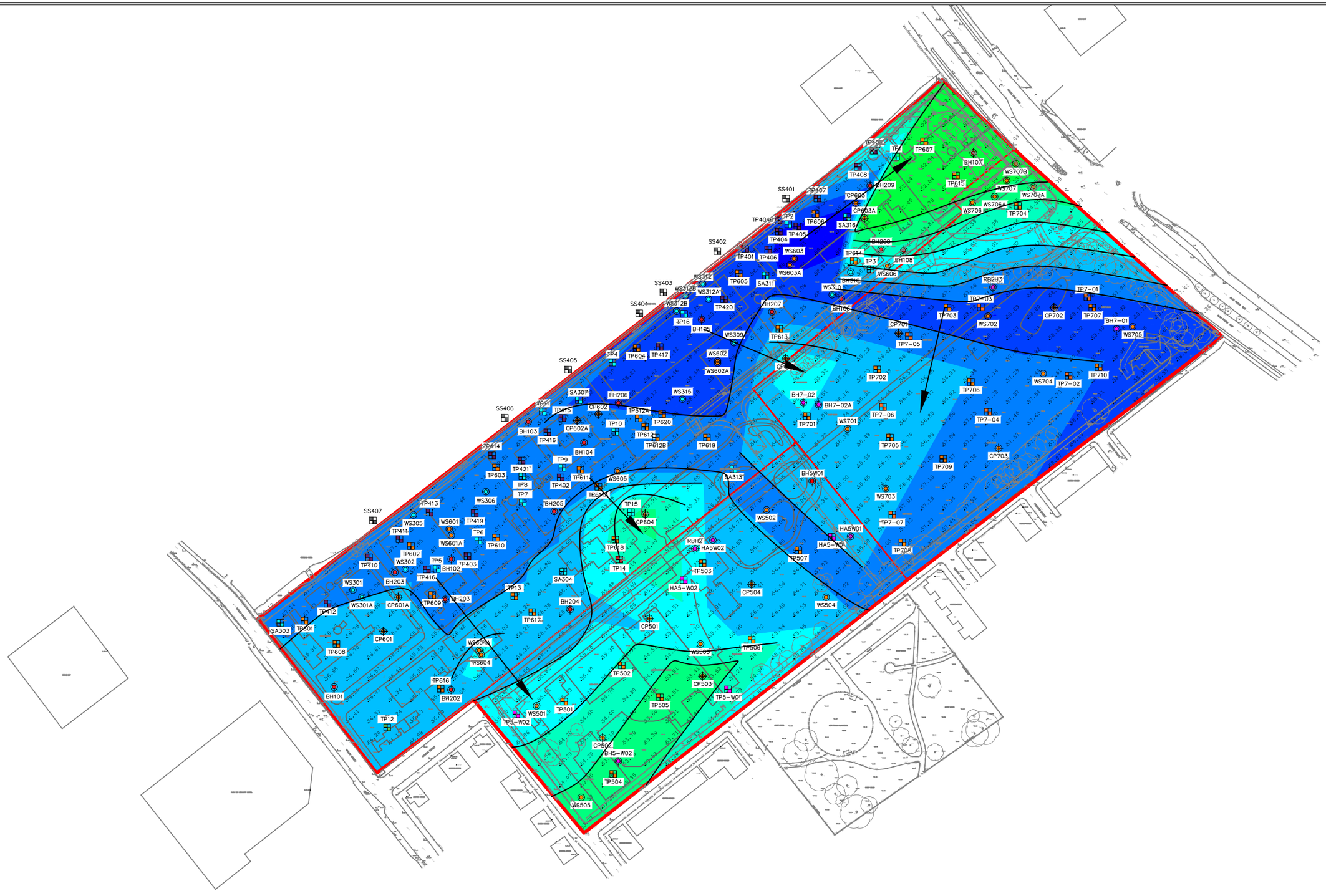

Location Symbols

- Approximate Window Sample Probehole Location with Install
- Approximate Window Sample Probehole Location
- Approximate Trial Pit Location
- Approximate Trial Trench Location
- Approximate Groundwater Flow

Depth to Groundwater AOD (m)

- Depth to Groundwater 51.00 - 51.99m
- Depth to Groundwater 52.00 - 52.99m
- Depth to Groundwater 53.00 - 53.99m
- Depth to Groundwater 54.00 - 54.99m
- Depth to Groundwater 55.00 - 55.99m
- Depth to Groundwater 56.00 - 56.99m
- Depth to Groundwater 57.00 - 57.99m
- Depth to Groundwater >58.00

Notes:

Phase	Revision	Date	Issue	Drawn	Checked
P1	R1	29.07.2020	REVISION	HM	OJ
P1	-	28.07.2020	DRAFT	HM	OJ

Client: Engie

Job Title: Manox

Job No: 13-887

Date: 29.07.2020

Drawing No: 025

Scale: NTS

Drawing Title: Depth to Ground Water (AOD) Plan

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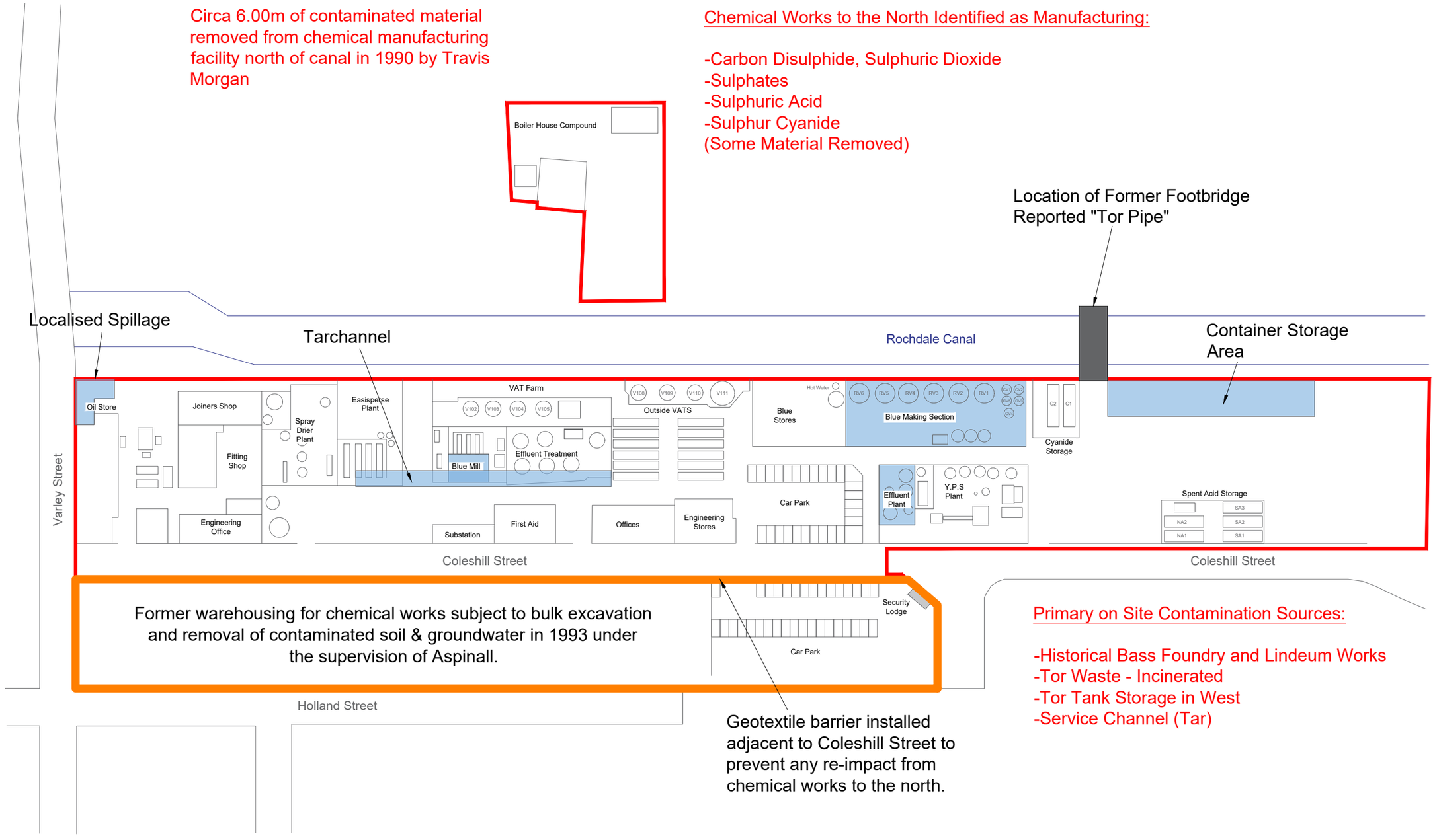
Circa 6.00m of contaminated material removed from chemical manufacturing facility north of canal in 1990 by Travis Morgan

Chemical Works to the North Identified as Manufacturing:

-Carbon Disulphide, Sulphuric Dioxide
-Sulphates
-Sulphuric Acid
-Sulphur Cyanide
(Some Material Removed)



Former warehousing for chemical works subject to bulk excavation and removal of contaminated soil & groundwater in 1993 under the supervision of Aspinall.

Geotextile barrier installed adjacent to Coleshill Street to prevent any re-impact from chemical works to the north.

Primary on Site Contamination Sources:

-Historical Bass Foundry and Lindeum Works
-Tor Waste - Incinerated
-Tor Tank Storage in West
-Service Channel (Tar)

Notes:	Client:	Job No:	Date:
This Drawing Defines the Known Operations By Degussa in ~ 2004	Engie	13-887	04.08.2020
		Drawing No: 026	Scale: NTS

Phase	Revision	Date	Issue	Drawn	Checked
P1	R1	04.08.2020	REVISION	HM	OJ
P1	-	30.07.2020	DRAFT	LM	MD

Job Title: Manox

Drawing Title: Main Contamination Sources Degussa Operations

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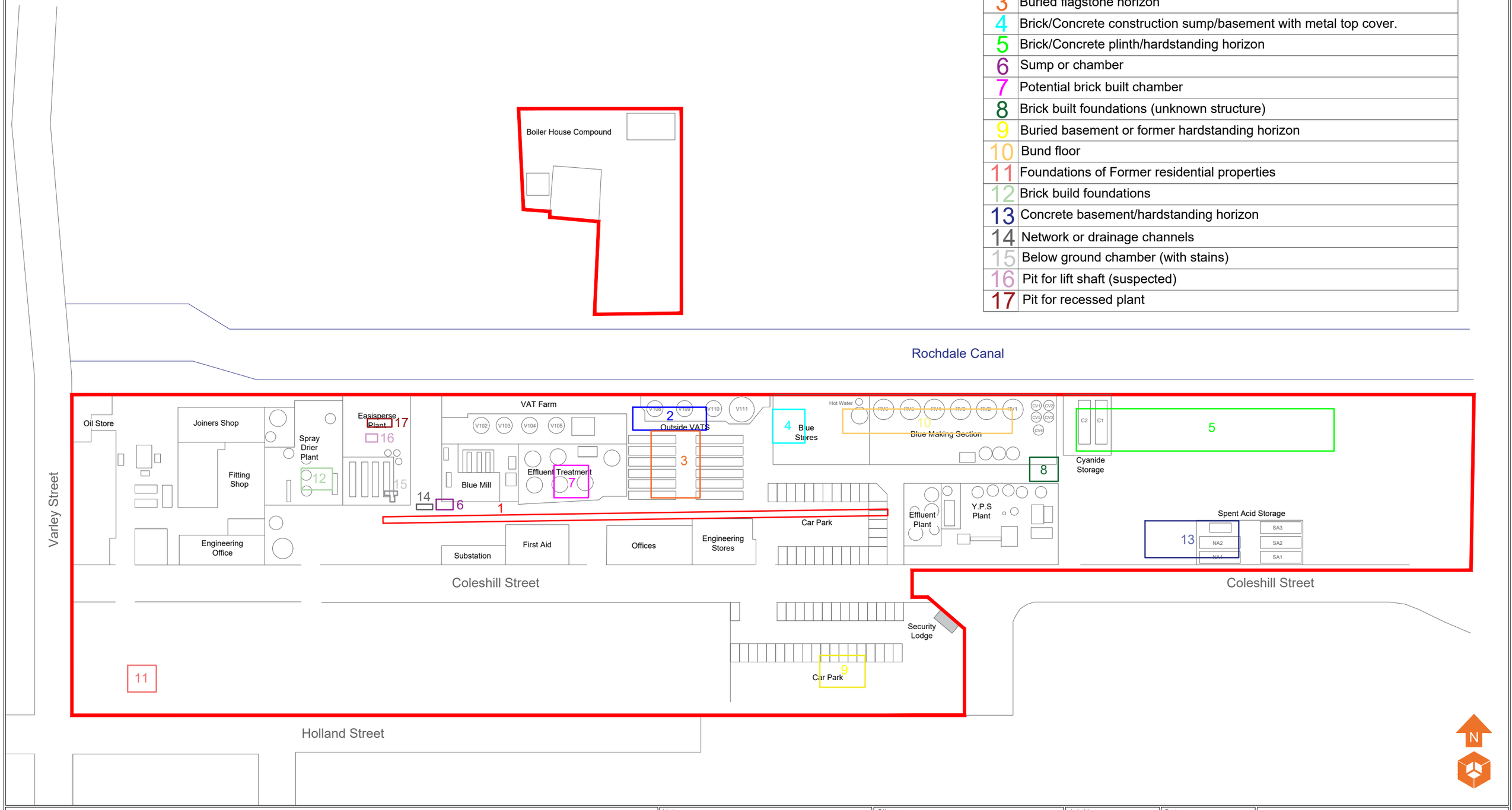
1	Inferred position of Tar channel
2	Reinforced concrete bund base and concrete hardstanding
3	Buried flagstone horizon
4	Brick/Concrete construction sump/basement with metal top cover.
5	Brick/Concrete plinth/hardstanding horizon
6	Sump or chamber
7	Potential brick built chamber
8	Brick built foundations (unknown structure)
9	Buried basement or former hardstanding horizon
10	Bund floor
11	Foundations of Former residential properties
12	Brick build foundations
13	Concrete basement/hardstanding horizon
14	Network or drainage channels
15	Below ground chamber (with stains)
16	Pit for lift shaft (suspected)
17	Pit for recessed plant



P1	REVA	30.07.2020	LM	MD
Phase	Issue	Date	Drawn	Checked

Notes:

Client: Engie

Job No: 13-887

Date: 30.07.2020

Drawing No: 027

Scale: 1:1000 @ A3

Job Title: Manox

Drawing Title: Location of Known Below Ground Structures

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