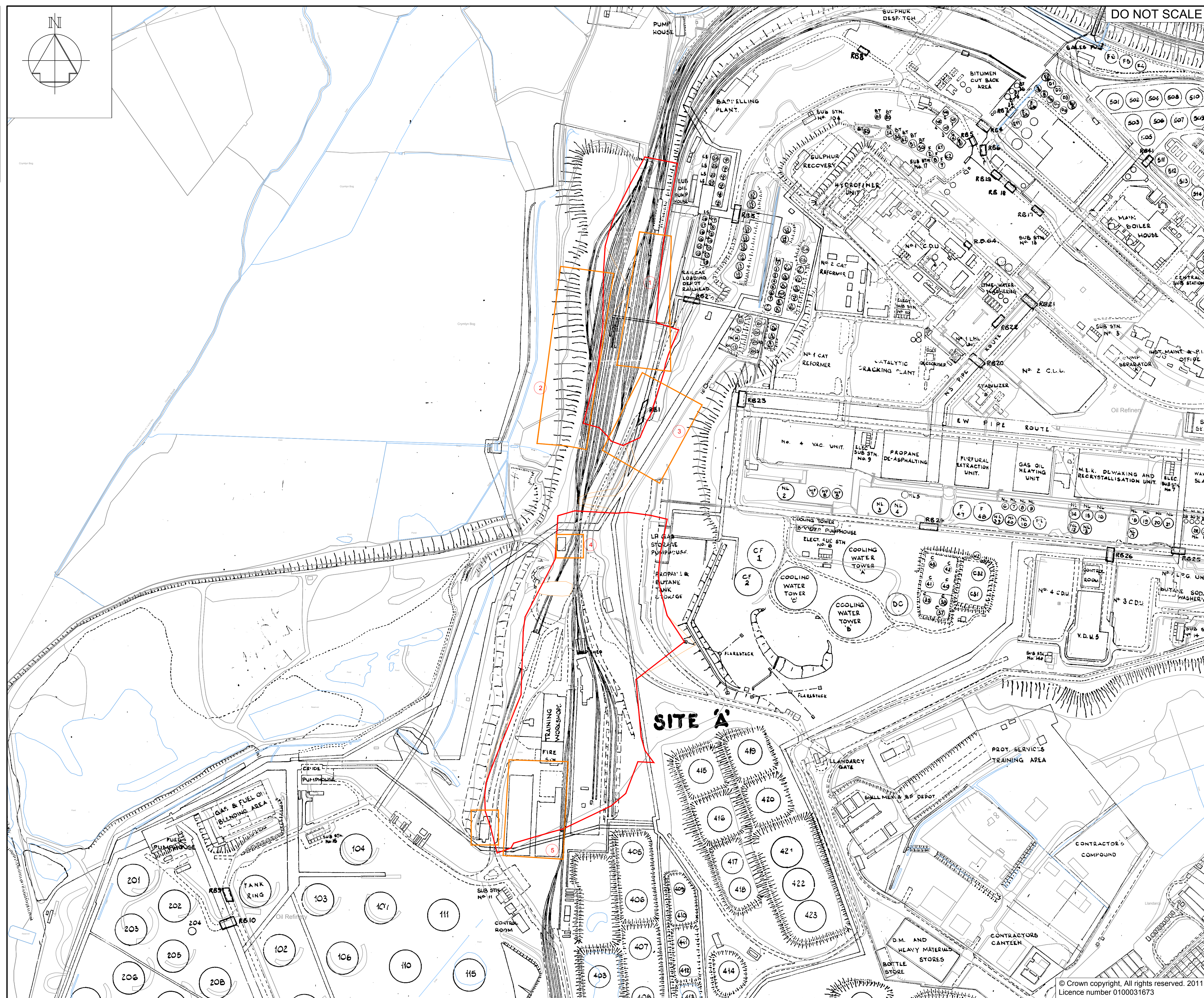
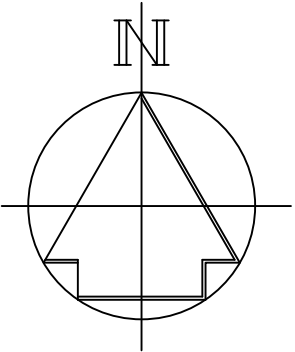


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KEY:

- PHASE BOUNDARY
- 1 TPH
- 2 TPH RAILHEAD
- 3 TPH RAILHEAD
- 4 BENZENE RAILHEAD
- 5 RAILHEAD BARRELLING PLANT

P 1	22/05/15	FIRST ISSUE	CK	CS
Rev.	Date	Description	By	Chk'd App'd

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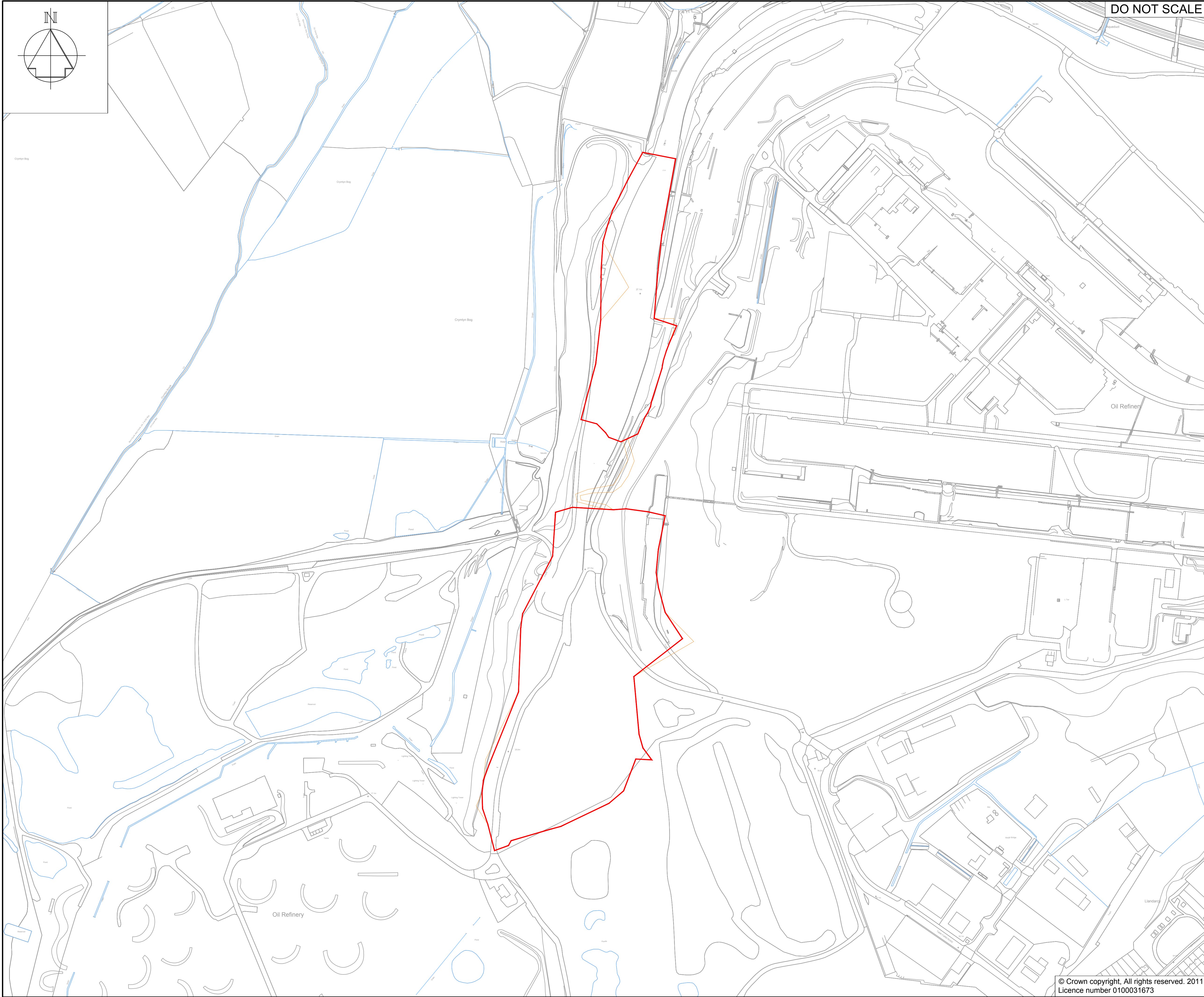
COED DARCY

Drawing Title

PHASE 57 HISTORICAL LAYOUT PLAN

Scale	Designed	Drawn	Checked	Authorised
1:2000	CS	CK	CS	---
Original Size	Date	Date	Date	Date
A1	22/05/15	22/05/15	22/05/15	---
Drawing Number	Revision			
5041216-REM-DWG-0001964	P 1			

Drawing file: \\saskins.com\project\GBBMA-DE2\DWG\504-504-1216-Coed Darcy-DWG-WOR\WOR-1000-1999-1963-Phase 57-Boundary-Plan.dwg



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KEY:

PHASE BOUNDARY

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		S2

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Drawing Title

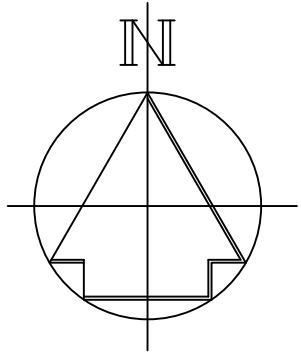
PHASE 57 BOUNDARY PLAN

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Original Size	Date	Date	Date	Date
A1	22/05/15	22/05/15	22/05/15	--/--/--

Drawing Number	Revision
5041216-REM-DWG-0001963	P 1

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DECOMMISSIONING/DEMOLITION

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KEY:

- PHASE BOUNDARY
- TRIAL PIT LOCATION
- VO EXCEEDENCE
- PRODUCT LOCATION
- SHEEN LOCATION
- PIPE LOCATION
- RBSL FAILURE

P 1	02/11/15	FIRST ISSUE	JH	JL	MP
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Rev.	Date	Description	By	Chk'd	App'd
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		S2

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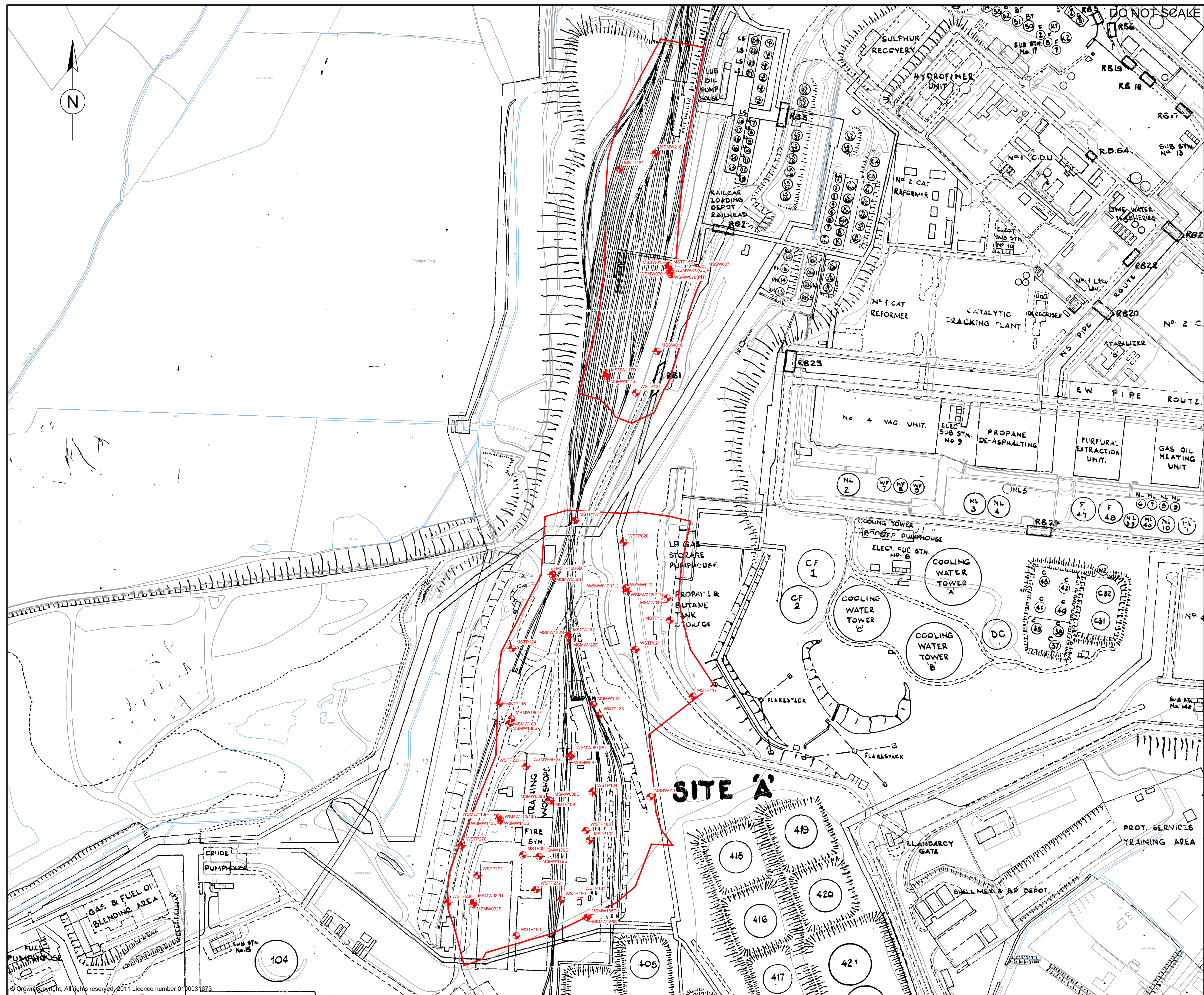
Drawing Title

MONITOR PHASE 57 EXCEEDENCES
PLAN

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A1	02/11/15	02/11/15	03/11/15	03/11/15

Drawing Number	Revision
5041216-ATK-DR-C-REM-2131	P 1

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KEY:

Rev.	Date	Description	By	Chk'd	App'd
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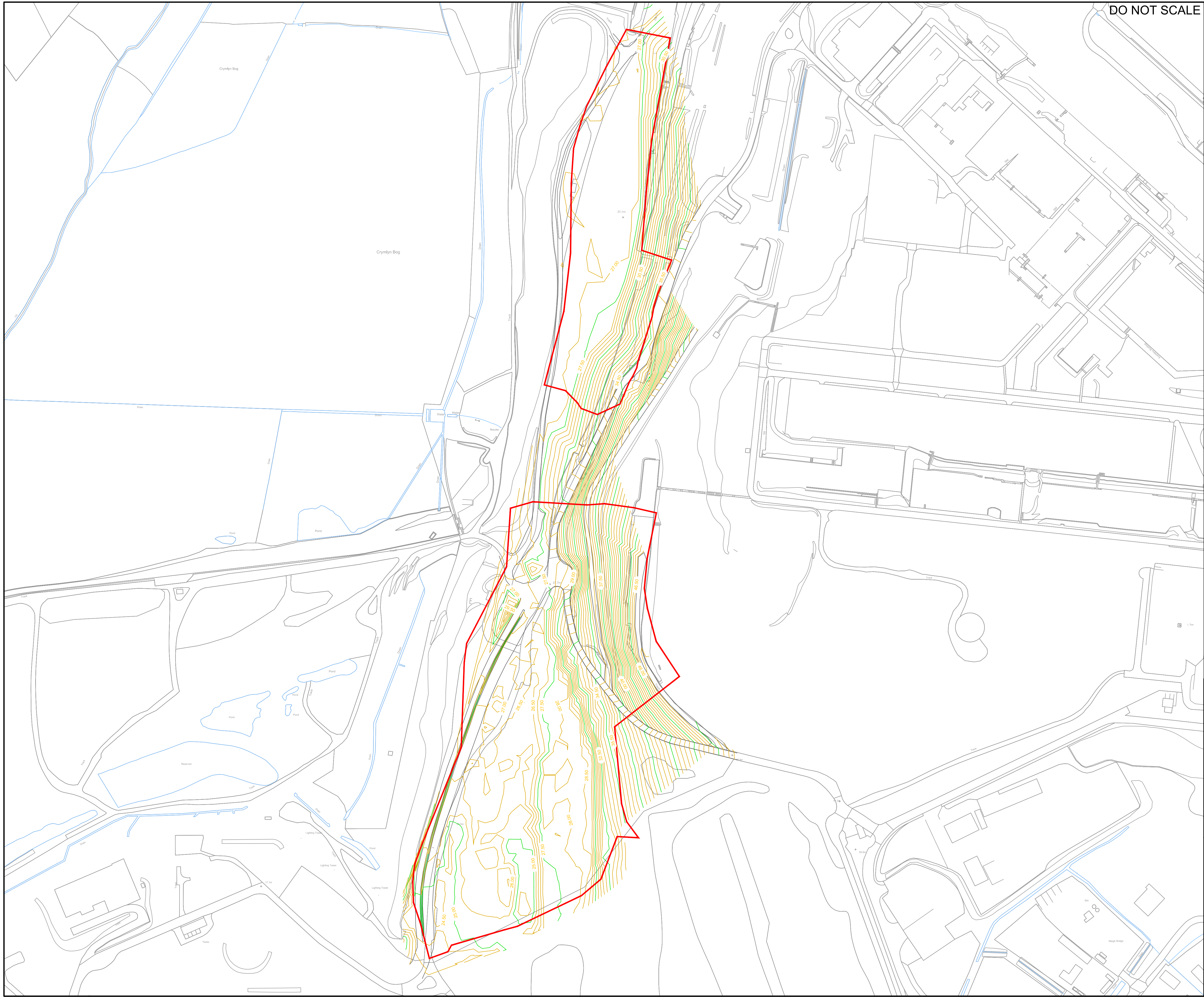
ATKINS

Project Title

COED DARCY

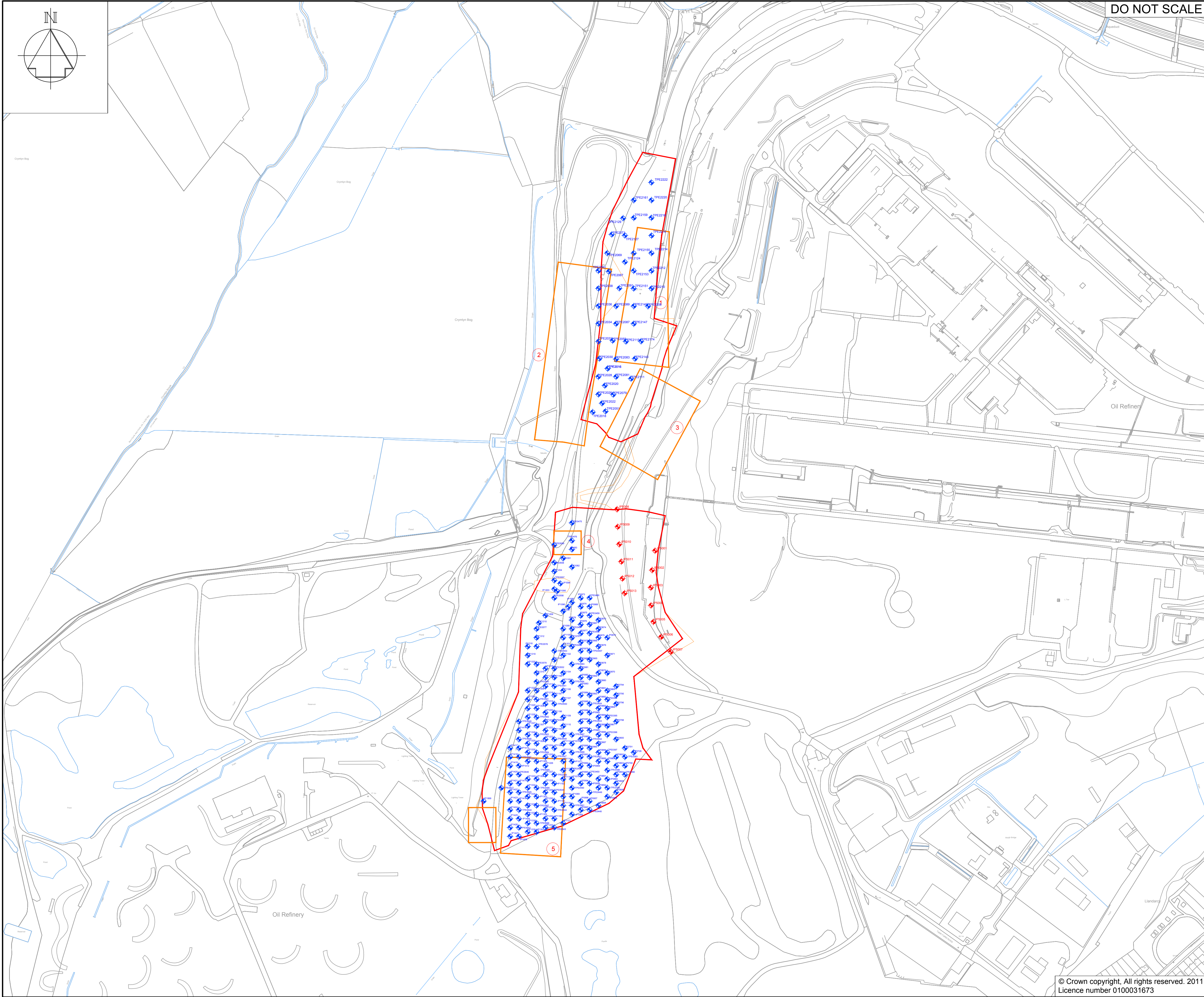
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0 10
Millimetres



- KEY:
- PHASE BOUNDARY
 - MAJOR CONTOURS
 - MINOR CONTOURS

Rev.	Date	Description	By	Chk'd	App'd
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Client					
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Project Title					
COED DARCY					
Drawing Title					
MONITOR PHASE 57 PRE-WORKS TOPO SURVEY					
Scale	Designed	Drawn	Checked	Authorised	
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Original Size	Date	Date	Date	Date	
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Drawing Number				Revision	
5041216-ATK-DR-C-REM-002127				P 1	



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KEY:

- PHASE BOUNDARY
- 1 TPH
- 2 TPH RAILHEAD
- 3 TPH RAILHEAD
- 4 BENZENE RAILHEAD
- 5 RAILHEAD BARRELING PLANT
- TPH0475 RECENT GROUND INVESTIGATION TRIAL PITS
- TPH0001 FOLLOW UP GROUND INVESTIGATION TRIAL PITS

P 2	28/10/15	TRIAL PITS ADDED	HS	JL	ML
P 1	22/05/15	FIRST ISSUE	CK	CS	ML
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	FOR INFORMATION	Suitability	S2
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Drawing Title

PHASE 57 RECENT EXPLORATORY HOLE LOCATION PLAN

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1:2000	CS	CK	CS	ML
Original Size	Date	Date	Date	Date
A1	22/05/15	22/05/15	22/05/15	22/05/15

Drawing Number	Revision
5041216-REM-DWG-0001966	P 2

Appendices

Appendix A. Summary of Adopted Thresholds

Lowest of the Remedial Target Criterion/Risk Based Screening Level for Parks land use, Deep Soil (>1m)

Contaminant	Minimum of RTC (1%) / RBSL mg/kg	Minimum of RTC (3%) / RBSL mg/kg
Benzo(a)pyrene	>sat	>sat
Benzene	48	48
Toluene	>sat	>sat
Ethylbenzene	>sat	>sat
Xylene	478	1330
TPH aromatic C7-C8	>sat	>sat
TPH aromatic C8-C10	>sat	>sat
TPH aromatic C10-C12	>sat	>sat
TPH aromatic C12-C16	>sat	>sat
TPH aliphatic C6-C8	>sat	>sat
TPH aliphatic C8-C10	>sat	>sat
TPH aliphatic C10-C12	>sat	>sat
TPH aliphatic C12-C16	>sat	>sat
TPH aromatic C16-C21	>sat	>sat
TPH aromatic C21-C35	>sat	>sat
TPH aliphatic C16-C21	>sat	>sat
TPH aliphatic C21-C35	>sat	>sat
Total TPH (Phase 1)	>sat	>sat
Total TPH (Process Area)	>sat	>sat
Total TPH (North Tank Farm)	>sat	>sat
Total TPH (South Tank Farm)	>sat	>sat
1,2-Dichloroethane	6	6
1,1,1-Trichloroethane	>sat	>sat
Tetrachloroethene	1780	1780
Trichloroethene	269	269
Vinyl chloride	8.21	11.4
Dichloromethane	6220	6220
Cis-1,2-Dichloroethene	881	881
Trans-1,2 Dichloroethene	881	881
Acenaphthene	>sat	>sat
Anthracene	>sat	>sat
Benzo(a)anthracene	>sat	>sat
Benzo(b)fluoranthene	>sat	>sat
Benzo(g,h,i)perylene	>sat	>sat
Benzo(k)fluoranthene	>sat	>sat
Chrysene	>sat	>sat
Dibenz(ah)anthracene	>sat	>sat
Fluoranthene	>sat	>sat
Fluorene	>sat	>sat
Indeno(1,2,3-cd)pyrene	>sat	>sat
Pyrene	>sat	>sat
Phenol	>sat	>sat
Mercury (methyl)	>sat	>sat
Mercury (elemental)	>sat	>sat
Naphthalene	>sat	>sat
TPH aromatic C5-C7	432	928
TPH aliphatic C5-C6	>sat	>sat
1,1,1,2-Tetrachloroethane	>sat	>sat
1,1,2,2-Tetrachloroethane	>sat	>sat
Carbon tetrachloride	301	778
Chlorobenzene	>sat	>sat

Notes

- Where the lower of the vapour or aqueous saturation limits has been exceeded by the RTC calculated, the hazard quotient is considered to be less than 1 and as such >sat has been presented
- Xylene - Users must consider total exposure from all xylene isomers and not consider them in isolation. It should be noted that the value presented is the lowest of the aqueous or vapour saturation limits. The lowest saturation limit of the three isomers has been presented.
- TPH aromatic C7-C8 is considered to comprise toluene only by Atkins
- TPH >C16 are not considered to be volatile according to TPHCWG. Consequently the inhalation of vapour pathways have not been considered and therefore no value has been presented here
- 'Total' TPH RBSL derived for an area of development, based on individual RBSL and available mass fraction TPH data in soil at time of derivation, using the inverse weighted average approach.
- Benzo(a)pyrene RBSL to be compared against sum of 16 US EPA Priority List PAHs using Toxicity Equivalence approach
- Asbestos has not been considered here as it is being considered in a separate report
- Additivity for TPHs and PAHs to be undertaken in line with guidance in Atkins report 5041216-REM-RPT-00216
- TPH aromatic C5-C7 is considered to comprise benzene only

Appendix B. Exploratory Hole Logs

				Trial Pit Log				Trialpit No IP5001 Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270794.09 - 195628.49 Level: mAOS		Date 05/08/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged	
Client: St Modwen				Depth 0.60					

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.50	ES		0.60 0.60			Weathered SANDSTONE bedrock recovered as angular tabular cobbles with coarse sand.	0	0	
						SANDSTONE bedrock. End of pit at 0.60 m				

Remarks: Terminated on sandstone bedrock.



Stability:
 GroundWater
 Remarks:

				Trial Pit Log				Trialpit No IP5002 Sheet 1 of 1	
Project Name: Coed Darcy Site Wide Sign Off				Project No. 5122307_SWP_Rev2		Co-ords: 270790.82 - 195606.55 Level: mAOS		Date 05/08/2015	
Location: Coed Darcy						Dimensions (m):		Scale 1:25	
Client: St Modwen						Depth 0.80		Logged	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.60			Large concrete block 3.0 x 0.6 x 0.8m.		
				0.80			Brown sandy gravelly COBBLES. Cobbles are angular sandstone. Gravel is coarse angular sandstone. Sand is coarse.	0	0
				0.80			SANDSTONE bedrock. End of pit at 0.80 m		

1

2

3

4

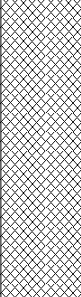
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Remarks: Terminated on sandstone bedrock.

Stability:
 GroundWater
 Remarks:



Trial Pit Log

				Trial Pit Log				Trialpit No IP5006 Sheet 1 of 1	
Project Name: Monitor Phase Sign Off				Project No. 5122307.MP		Co-ords: - Level: mAOS		Date 11/08/2015	
Location: Llandarcy				Dimensions (m):				Scale 1:25	
Client: St Modwen				Depth 1.50				Logged BAI	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		1.00			MADE GROUND comprising brown gravelly SAND with many cobbles. Sand is fine to coarse. Gravel is angular sandstone and red brick. Cobbles are angular sandstone, some occasional staining on cobbles.	1	0
	1.50	ES		1.60 1.60			brown grey sandy GRAVEL and COBBLES. Grave is coarse angular sandstone with low sphericity.	0	0
							SANDSTONE Bedrock End of pit at 1.50 m		
1 2 3 4 5									
Remarks: Pit Terminated on bedrock at 1.6									
Stability: GroundWater Remarks:									



Trialpit No
IP5007
Sheet 1 of 1

Co-ords: -
Level: mAOS

Date
11/08/2015

Dimensions
(m):

Scale
1:25

Depth
2.30

Logged
BAI

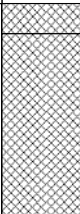
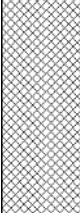
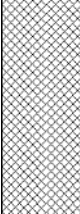
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Remarks:	Pit Terminated on bedrock at 2.3
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Stability:
GroundWater
Remarks:



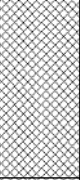
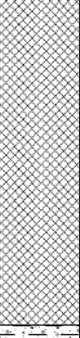
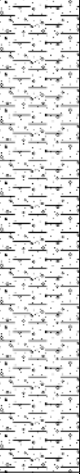
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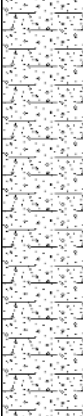
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Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270740.51 - 195834.82 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25			
Client: St Modwen				Depth 4.30		Logged AEM			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
							MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
				0.70			MADE GROUND. Brown sandy gravelly CLAY. Coarse gravel of sandstone. Frequent sandstone cobbles and wood	1	1
	1.50	ES		1.30			Soft brown sandy gravelly CLAY. Coarse gravel of angular sandstone (Reworked natural)		
2.50	ES						2		
				4.30			End of pit at 4.30 m		

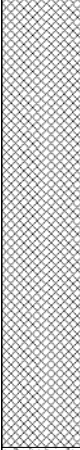
Remarks: Pit terminated at 4.3m

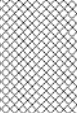
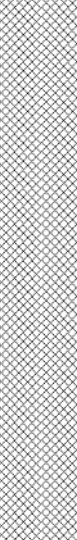
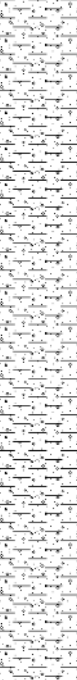
 Stability:
 GroundWater: No groundwater
 Remarks:



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270723.45 - 195785.44 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 3.50					
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.60			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.80			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
	1.50	ES		1.90			MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone (Reworked natural)	1	1
							Brown gravelly slightly clayey gravelly CLAY. Coarse gravel of A-R sandstone increasing with depth	1	0
	3.00	ES		3.50			End of pit at 3.50 m		
Remarks: Pit terminated at 3.5m due to partial collapse									
Stability: GroundWater No groundwater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270737.32 - 195815.47 Level: mAOS		Sheet 1 of 1 Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.10		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.70			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
				1.50			MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone (Reworked natural)	1	2
				1.70				1	0
				2.50					
3.10	End of pit at 3.10 m								
Remarks: Pit terminated due to obstruction									
Stability: GroundWater Remarks: No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270734.08 - 195795.54 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.40		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.40			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
	1.50	ES		2.00		MADE GROUND. Stiff brown sandy gravelly CLAY. Coarse gravel of frequent angular sandstone (Reworked natural)	1	0	
						Brown gravelly slightly clayey gravelly CLAY. Coarse gravel of A-R sandstone increasing with depth			
2.50	ES		4.40			0	0		
4.00	ES								
End of pit at 4.40 m									
Remarks: Pit terminated at 4.4m									
Stability: GroundWater No groundwater									
									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270729.97 - 195805.50 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.90		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.40			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.80			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
	2.00	ES		2.60			MADE GROUND. Brown gravelly clayey SAND. Coarse gravel of sandstone (Reworked natural)	1	1
							3.50	ES	
	4.50	ES		4.90			Soft brown sandy gravelly CLAY. Coarse gravel of angular sandstone	1	0
					End of pit at 4.90 m				

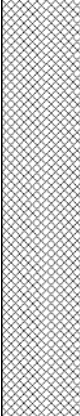
Remarks: Pit terminated at 4.9m

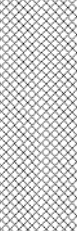
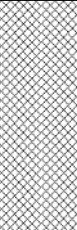
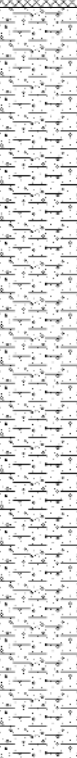
 Stability:
 GroundWater No groundwater
 Remarks:



				Trial Pit Log				Trialpit No T E		
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270729.94 - 195825.44 Level: mAOS		Date 28/04/2015		
Location: Coed Darcy						Dimensions (m): m		Scale 1:25		
Client: St Modwen						Depth 4.10		Logged AEM		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0	
				0.20				MADE GROUND. Black sandy CLAY with woodchip	3	2
				0.40				MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	3	2
	1.50	ES					MADE GROUND. Brown clayey gravelly SAND. Coarse gravel of sandstone (Reworked natural)	2	2	
2.50	ES					Soft Light brown / brown gravelly sandy CLAY. Coarse gravel of sandstone	1	1		
3.50	ES						1	1		
				4.10			End of pit at 4.10 m			
Remarks: Pit terminated at 4.1m										
Stability: GroundWater No groundwater										
										

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270731.10 - 195846.06 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.40		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.50			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
				1.40			MADE GROUND. Dense brown very gravelly SAND. Coarse gravel of sandstone and occasional brick	1	1
	1.50	ES				Brown occasional grey clay gravelly SAND. Coarse gravel of sandstone	2	2	
	2.50	ES							
3.40					End of pit at 3.40 m				
Remarks: Pit terminated due to difficult dig									
Stability: GroundWater Remarks: No groundwater									

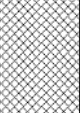
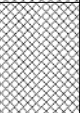
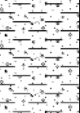
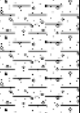
				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270730.05 - 195865.47 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.10		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.10			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.40			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1
	1.50	ES		1.80		MADE GROUND. Brown mottled grey sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	2	2	1
	2.50	ES		4.10		Grey sandy gravelly CLAY. Coarse gravel of sandstone. Sweet HC odours	3	2	2
3.50	ES								3
									4
									5
End of pit at 4.10 m									
Remarks: Pit terminated at 4.1m									
Stability: GroundWater No groundwater									
									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270729.97 - 195885.46 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25			
Client: St Modwen				Depth 4.50		Logged AEM			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.20			MADE GROUND. Brown fibrous gravelly CLAY. Gravel of sandstone	1	0
				0.40			MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
	1.50	ES		1.20			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
				2.00			MADE GROUND. Fine brown gravelly SAND. Coarse gravel of sandstone. Pockets of black ashy sand. Occasional wood	2	2
	2.60	ES					Orange brown mottled grey sandy gravelly CLAY	3	3
3.80	ES		4.50		End of pit at 4.50 m				
Remarks: Pit terminated at 4.5m									
Stability: GroundWater No groundwater									
									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270729.99 - 195905.49 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 4.40					

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria	
	Depth	Type	Results							
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	0	0	1
				0.60			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	1	
							MADE GROUND. Brown sandy GRAVEL of whole fire bricks	1	1	
				1.20			MADE GROUND. Brown gravelly clayey SAND. Coarse gravel of sandstone (Reworked natural)			
	2.00	ES						1	0	2
	3.50	ES		3.00			Stained grey gravelly clayey SAND. Coarse gravel of sandstone			3
				4.40			End of pit at 4.40 m	2	3	4
										5

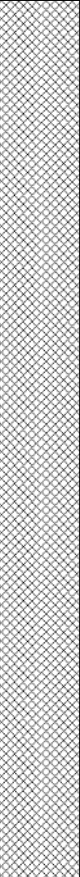
Remarks: Pit terminated due to pit collapsing at 4.0m									
Stability: GroundWater No groundwater									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270730.02 - 195925.44 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 3.90		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.40			MADE GROUND. Dense black sandy GRAVEL of ballast	1	1
							MADE GROUND. Brown sandy GRAVEL of sandstone	1	1
							MADE GROUND. Brown mottled grey gravelly clayey SAND. Coarse gravel of sandstone	1	1
	1.50	ES		1.20					
2.50	ES		2.30			Brown mottled grey sandy gravelly CLAY. Coarse gravel of sandstone. Occasional coal flecks	0	0	
3.50	ES		3.90			End of pit at 3.90 m			

Remarks: Pit terminated at 3.9m

 Stability:
 GroundWater No groundwater
 Remarks:



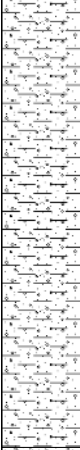
				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270729.94 - 195945.48 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.10		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of rounded sandstone. Underlain by Visquine	0	0
				0.40			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones	2	2
				0.70			MADE GROUND. Dark brown slightly clayey gravelly SAND. Coarse gravel of sandstone and frequent bitumen	5	1
							MADE GROUND. Light brown orange gravelly clayey SAND. Coarse gravel of sandstone (Reworked natural)	1	1
	1.50	ES		1.20		MADE GROUND. Mottled orange and dark brown clayey gravelly SAND. Coarse gravel of sandstone (Reworked natural)			
	2.50	ES							
	3.50	ES							
4.10									
End of pit at 4.10 m									

Remarks: Pit terminated at 4.1m

 Stability:
 GroundWater No groundwater
 Remarks:



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270738.07 - 195786.40 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy				Dimensions (m):		Scale 1:25		Logged AEM	
Client: St Modwen				Depth 4.30					
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Black sandy CLAY with woodchip	3	2
							MADE GROUND. Brown gravelly sandy CLAY. Coarse gravel of sandstone	1	3
	1.50	ES		1.00			MADE GROUND. Grey sandy GRAVEL of ballast	2	2
							MADE GROUND. Black / grey / brown sandy gravelly CLAY. Coarse gravel of brick and sandstone	2	2
	2.80	ES		1.70			MADE GROUND. Black / grey / brown sandy gravelly CLAY. Coarse gravel of brick and sandstone	2	2
							MADE GROUND. Grey sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	1	1
4.00	ES		3.00			MADE GROUND. Grey sandy gravelly CLAY. Coarse gravel of sandstone (Reworked natural)	1	1	
						Former topsoil	2	2	
			4.00				End of pit at 4.30 m		
			4.30						
Remarks: Pit terminated at 4.3m									
Stability: GroundWater No groundwater Remarks:									

				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270746.10 - 195866.41 Level: mAOS		Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.00		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of sandstone	1	0
				0.50			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker, ash and mudstones	2	1
	1.50	ES					Stiff brown sandy gravelly CLAY	1	2
3.00	ES								
				4.00		End of pit at 4.00 m			4
Remarks: Pit terminated at 4.0m									
Stability: GroundWater No groundwater									
									

Trial Pit Log

Trialpit No

T E

Sheet 1 of 1

Project Name: Coed Darcy - Railhead

Project No.
5122307_Railhead

Co-ords: 270741.78 - 195944.55
Level: mAOS

Date
28/04/2015

Location: Coed Darcy

Dimensions (m):	m
Depth	3.50

Scale
1:25

Logged
AEM

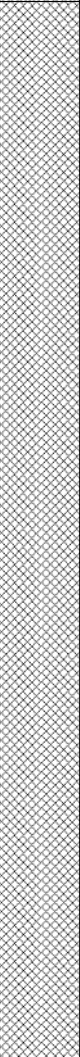
Client: St Modwen

[illegible]

Remarks:	Pit terminated due to instability
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Stability:
GroundWater No groundwater
Remarks:



				Trial Pit Log				Trialpit No T E	
Project Name: Coed Darcy - Railhead				Project No. 5122307_Railhead		Co-ords: 270740.01 - 195965.44 Level: mAOS		Sheet 1 of 1 Date 28/04/2015	
Location: Coed Darcy						Dimensions (m): m		Scale 1:25	
Client: St Modwen						Depth 4.30		Logged AEM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	Visual Criteria	Olfactory Criteria
	Depth	Type	Results						
	0.50	ES		0.30			MADE GROUND. Brown sandy GRAVEL of rounded sandstone. Underlain by Visquine	0	0
				0.40			MADE GROUND. Black Ashey gravelly SAND. Fine gravel of slag, clinker , ash and mudstones MADE GROUND. Dark orange brown clayey gravelly SAND. Coarse gravel of sandstone, brick. Occasional tile. Frequent pockets of orange brown clay	2	2
	1.50	ES					0	0	
	2.50	ES							
	3.50	ES							
			3.90			Brown sandy GRAVEL of SA sandstone. Frequent pockets of stiff grey clay.	0	0	
			4.30		End of pit at 4.30 m				
Remarks: Pit terminated at 4.3m									
Stability: GroundWater No groundwater Remarks:									