MWP

Civil Design Overview

Neilston Phase 2

Statkraft

July 2024



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Appendices

Appendix 1 – Overall Site Layout and Site Sections.

Appendix 2 – Site Investigation and Trial Hole locations and results.



Project No.	Doc. No.	Rev.	Date	Prepared By	Checked By	Approved By	Status
24496	24496-MWP-ZZ-XX-RP-C-6001	P01	JULY 2024	IB	EP	IB	PLANNING

MWP, Engineering and Environmental Consultants

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1. Introduction

MWP have undertaken the full civil design for Neilston Phase 1. This included the profiling of be platform to ensure battery units where accessible and met the supplier access requirements. MWP have been engaged at planning stage on Phase two to address buildability constraints and to offer economical solutions with respect to the geotechnical and topographical constraints.

2. Description of Project

The proposed development consists of formation of an up to 750MW Battery Storage Facility, comprising up to 88 battery storage container blocks and associated infrastructure, storage containers, welfare, diesel generators, CCTV and lighting columns and associated access, internal access roads, hard and soft landscaping, SuDS Basin, perimeter fence and underground grid connection cable.

3. MWP Design Constraints

MWP have endeavoured to meet the following constraints:

- Limit retaining wall structures
- Maximum slopes of 2.5% perpendicular to battery unit long dimensions
- Maximum Slopes of 1.5% along the length of the battery units.
- Minimise Cut into the basalt rock where possible
- Ensure fire tender access is provided to full extents of the site where possible
- Minimise stormwater runoff
- Avoid stepping battery units in two directions
- Strictly adhere to exclusion zones on overhead lines
- Minimise differential between cut and fill to provide a sustainable solution
- Maintain clearances below overhead lines during the operational phase

4. MWP Design

MWP are fully aware of the limited overburdened overlying basalt rock on the site. From an economical buildability perspective, it is essential that the rock head on the site is established prior to planning in order to propose accurate platform levels. A site investigation has been completed; this consists of a number of trial pits as detailed on drawing 24496-MWP-00-0D-DR-C-0190 TRIAL PIT LOCATIONS. MWP have fully modelled the site within a Civil 3d model. Existing levels, proposed levels and rock levels are used to generate surfaces within the model and in turn cross sections of the site and finally a cut and fill output for the proposal. MWP have produced cross section drawings, laid out on drawing 24496-MWP-00-XX-DR-C-0100 OVERALL and detailed in drawings



numbered 24496-MWP-00-ZZ-DR-C-0200 to 24496-MWP-00-ZZ-DR-C-0205, these detail the above surfaces. An iterative approach was required to come to the final layout. The final layout strikes a balance between the criteria noted above. It is evident that a combination of cut/fill and retaining elements are all required in order to meet the criteria noted in section 3.0. It is also evident given the topography that all criteria can never be fully achieved.

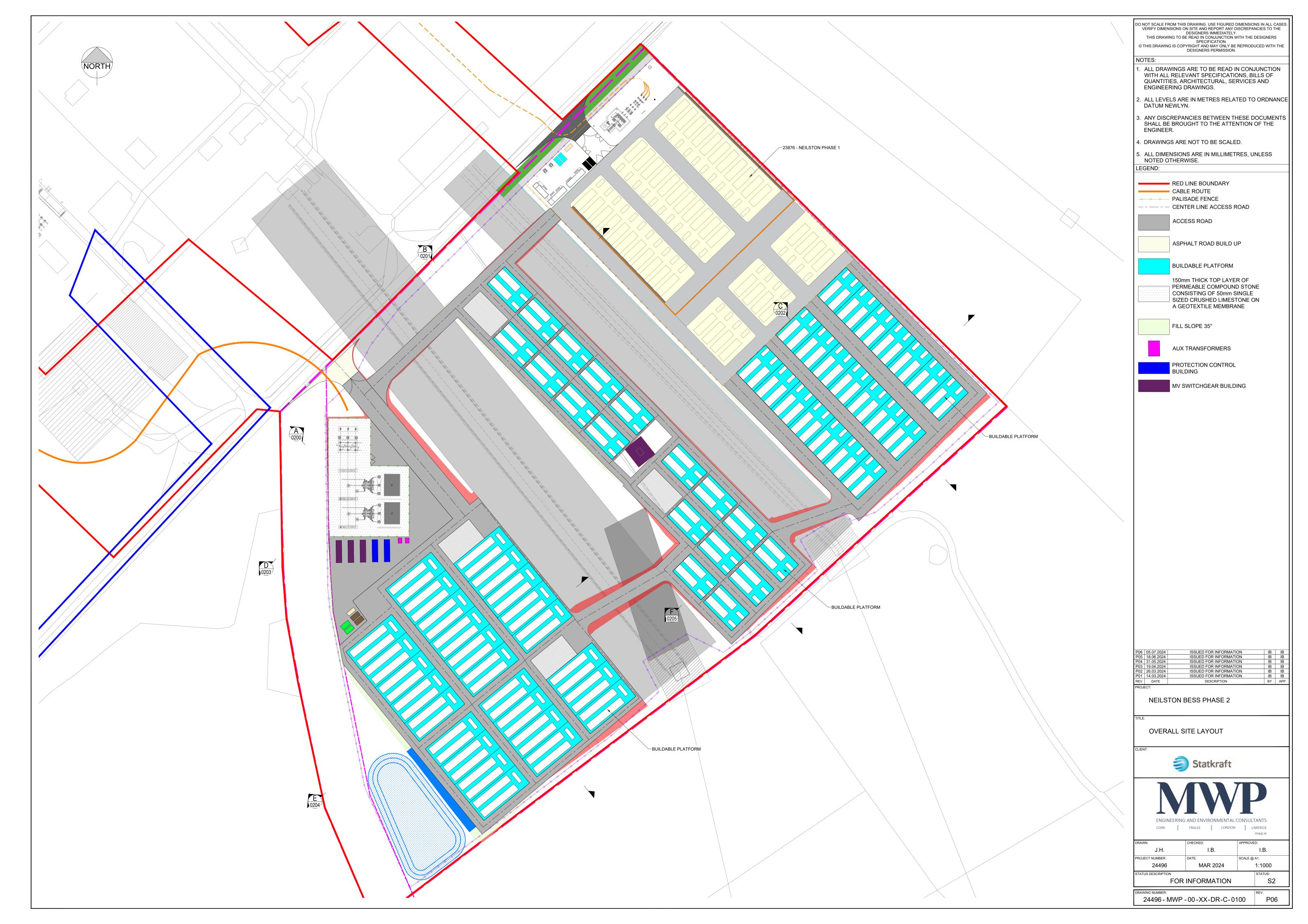
5. MWP Deliverables

MWP DRAWING NUMBER	MWP DRAWING TITLE
24496-MWP-00-XX-DR-C-0100	OVERALL SITE LAYOUT
24496-MWP-00-XX-DR-C-0101	COMPOUND LAYOUT (SHEET 1 OF 2)
24496-MWP-00-XX-DR-C-0102	COMPOUND LAYOUT (SHEET 2 OF 2)
24496-MWP-00-ZZ-DR-C-0200	SITE SECTIONS (SHEET 1 OF 6)
24496-MWP-00-ZZ-DR-C-0201	SITE SECTIONS (SHEET 2 OF 6)
24496-MWP-00-ZZ-DR-C-0202	SITE SECTIONS (SHEET 3 OF 6)
24496-MWP-00-ZZ-DR-C-0203	SITE SECTIONS (SHEET 4 OF 6)
24496-MWP-00-ZZ-DR-C-0204	SITE SECTIONS (SHEET 5 OF 6)
24496-MWP-00-ZZ-DR-C-0205	SITE SECTIONS (SHEET 6 OF 6)
24496-MWP-00-ZZ-DR-C-0206	ACCESS ROAD UNDER OVER HEADLINES SHEET 1
24496-MWP-00-ZZ-DR-C-0207	ACCESS ROAD UNDER OVER HEADLINES SHEET 2
24496-MWP-00-00-DR-C-0900	VEHICLE TRACKING - ARTIC TRUCK

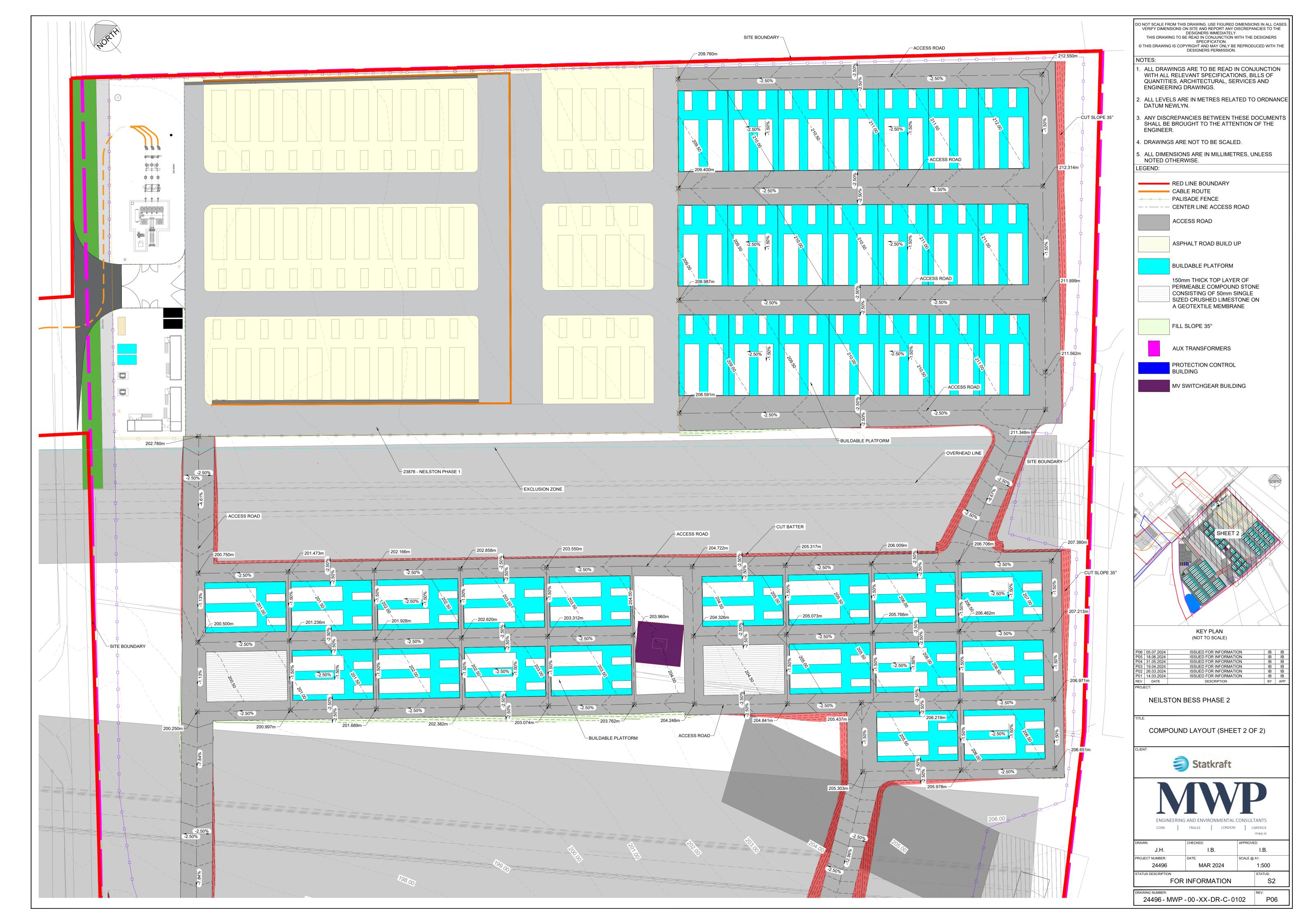


Appendix 1

MWP Drawings

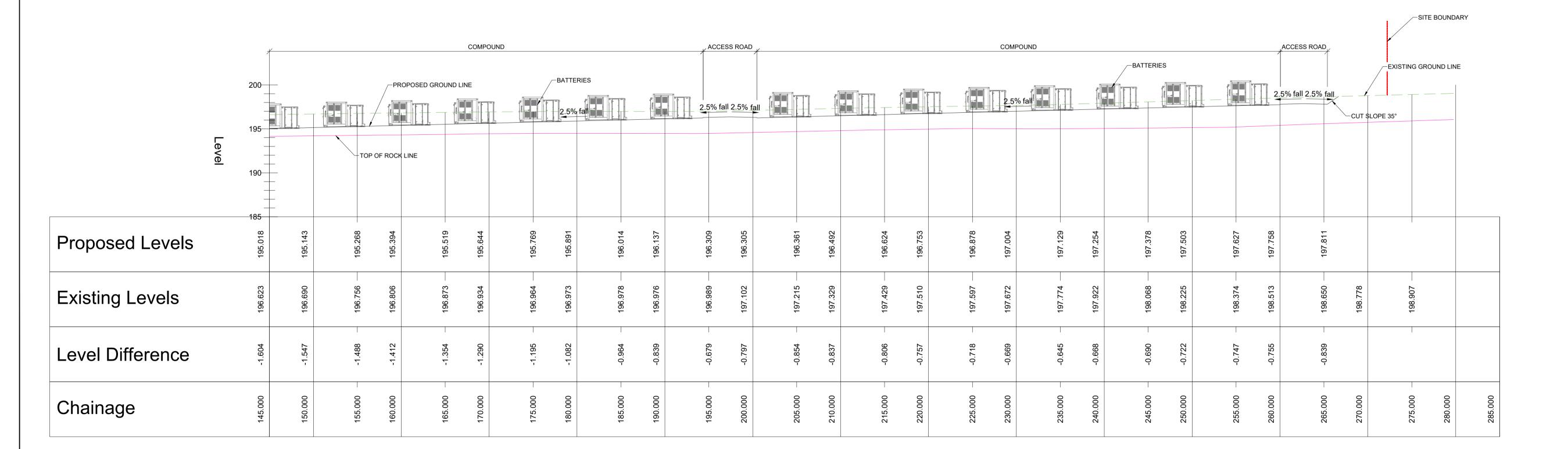








SECTION A-A PART 1 CH0.0M TO 145.0M SCALE H 1:250, V 1:250



SECTION A-A PART 2 CH145.0M TO 285.0M SCALE H 1:250, V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ATTEMPTS TO THE THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS SPECIFICATION.

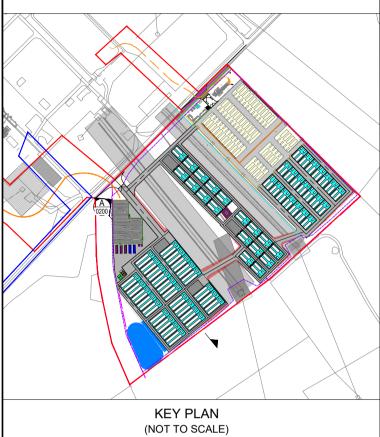
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PROPOSED GROUND LINE

--- — EXISTING GROUND LINE



ı	REV	DATE	DESCRIPTION	BY	APP
ı	P01	14.03.2024	ISSUED FOR INFORMATION	IB	IB
	P02	26.03.2024	ISSUED FOR INFORMATION	IB	IB
	P03	19.04.2024	ISSUED FOR INFORMATION	IB	IB
	P04	31.05.2024	ISSUED FOR INFORMATION	IB	IB
	P05	18.06.2024	ISSUED FOR INFORMATION	IB	IB
	P06	05.07.2024	ISSUED FOR INFORMATION	IB	IB

NEILSTON BESS PHASE 2

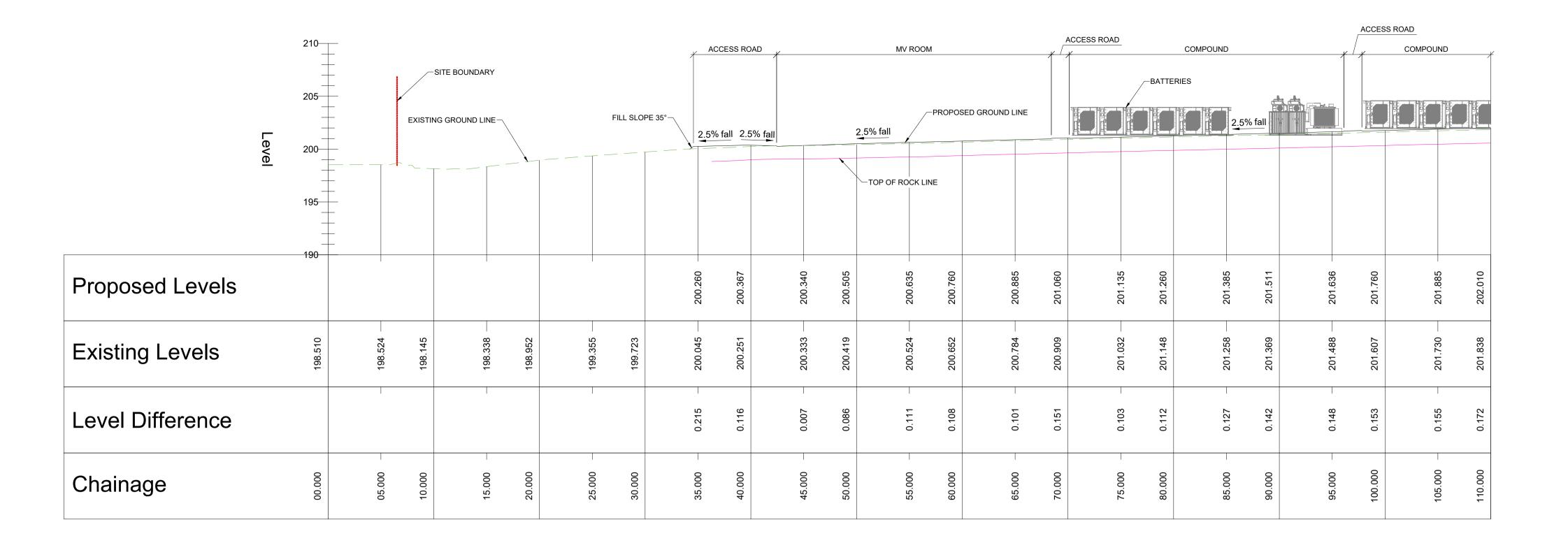
SITE SECTIONS (SHEET 1 OF 6)





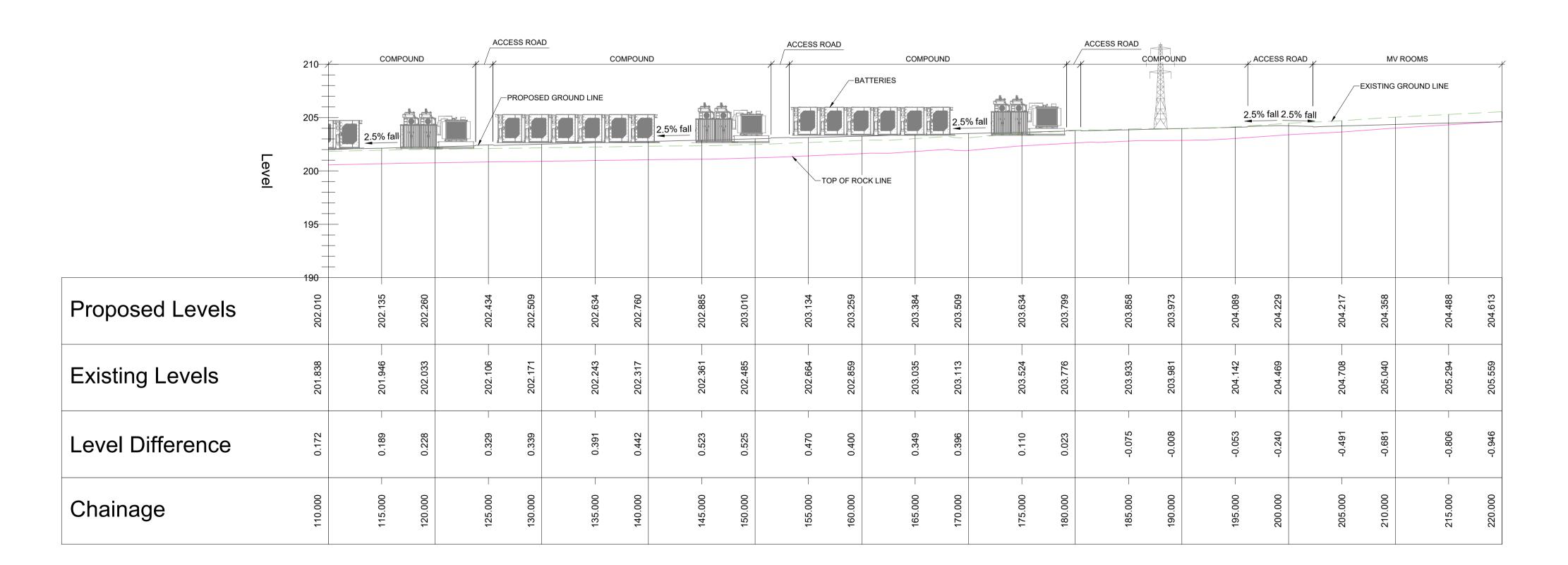
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SECTION B-B PART 1

CH0.0M TO 110.0M SCALE H 1:250 , V 1:250



SECTION B-B PART 2

CH110.0M TO 220.0M SCALE H 1:250 , V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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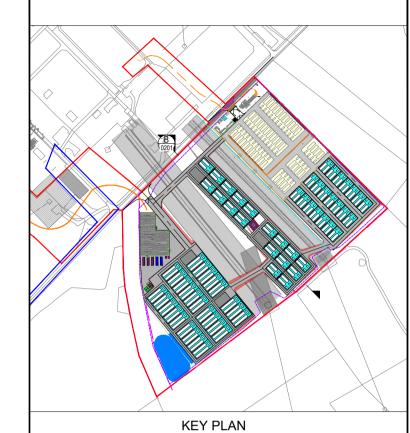
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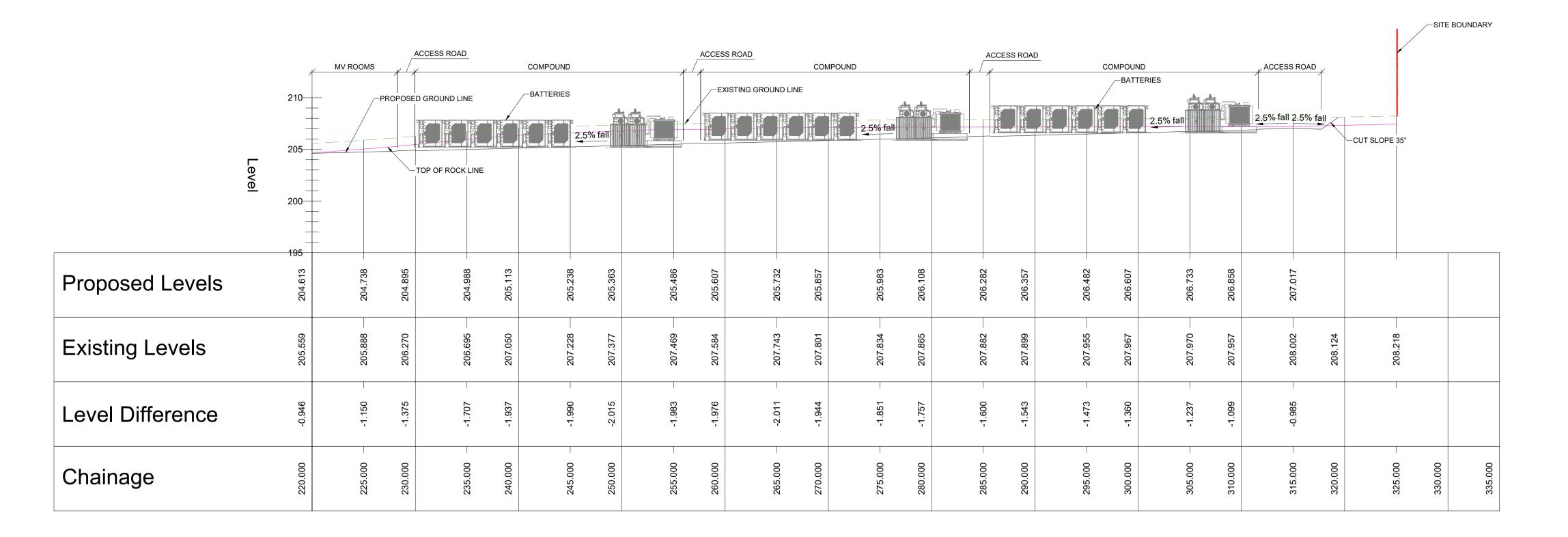
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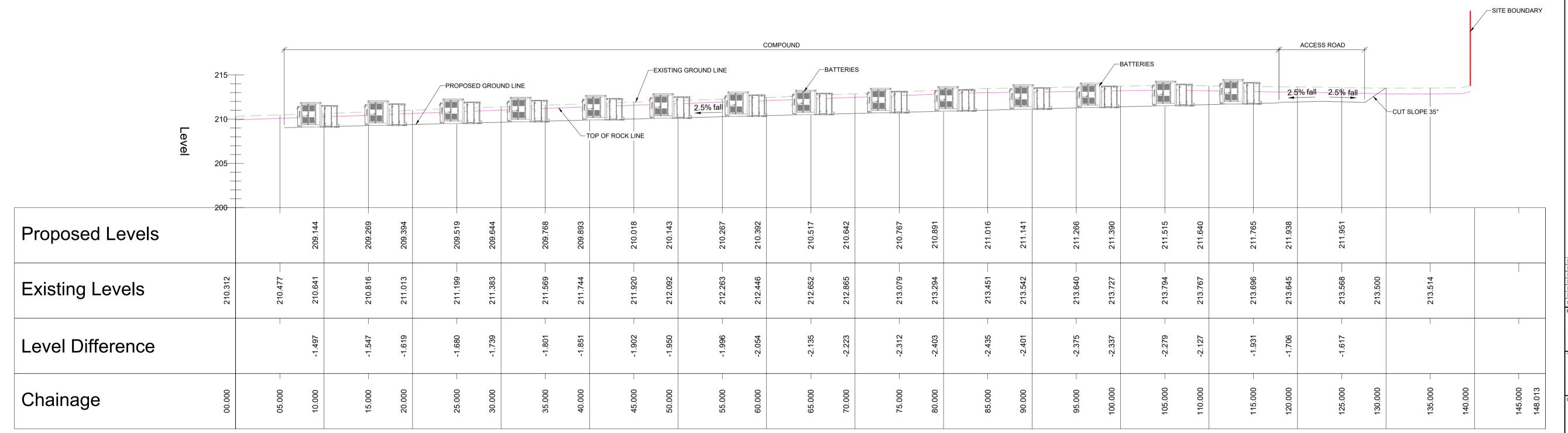


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SECTION B-B PART 3 CH220.0M TO 335.0M SCALE H 1:250 , V 1:250



SECTION C-C CH0.0M TO 148.0M SCALE H 1:250 , V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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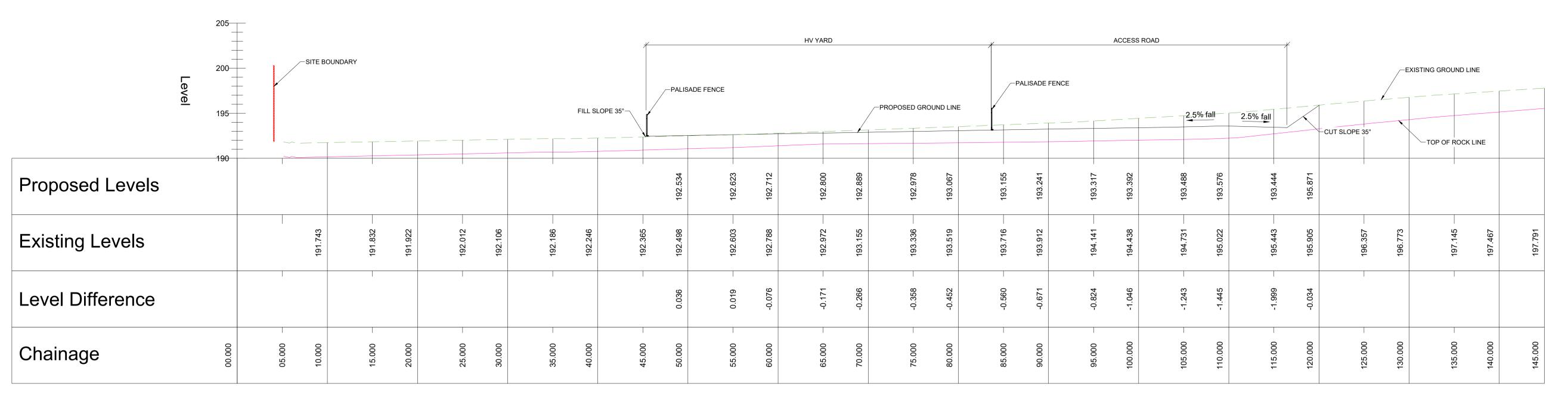
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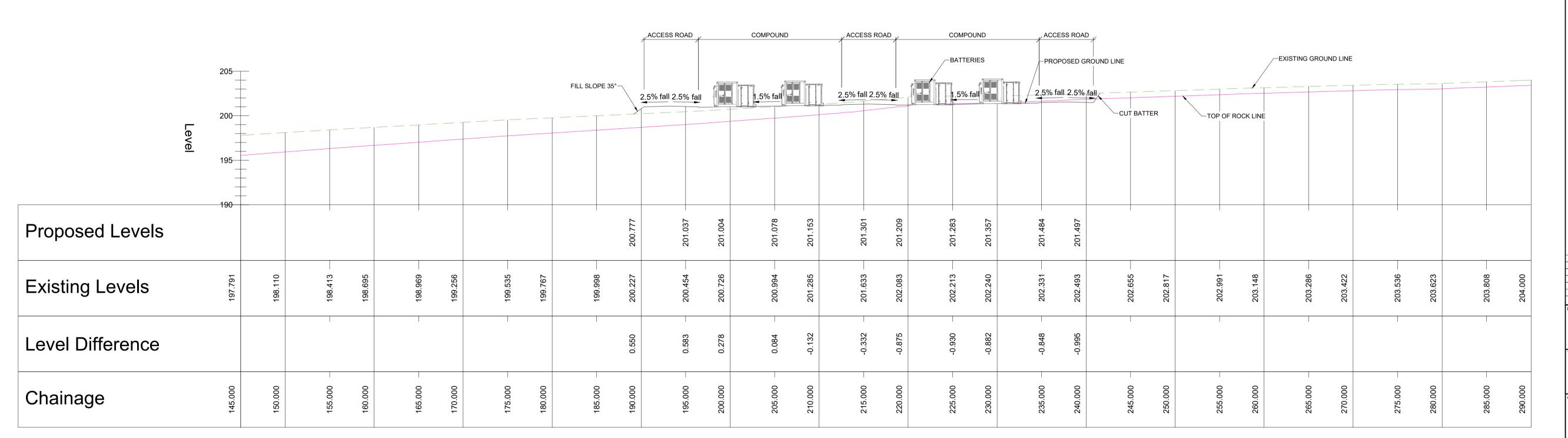
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SECTION D-D PART 1

CH0.0M TO 145.0M SCALE H 1:250 , V 1:250



SECTION D-D PART 2

CH145.0M TO 290.0M SCALE H 1:250 , V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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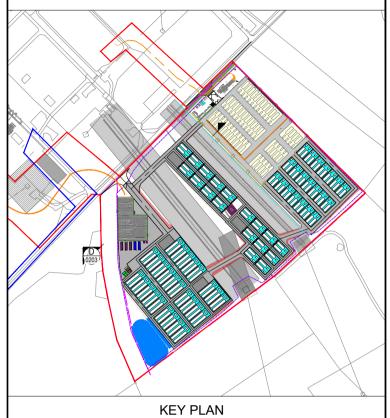
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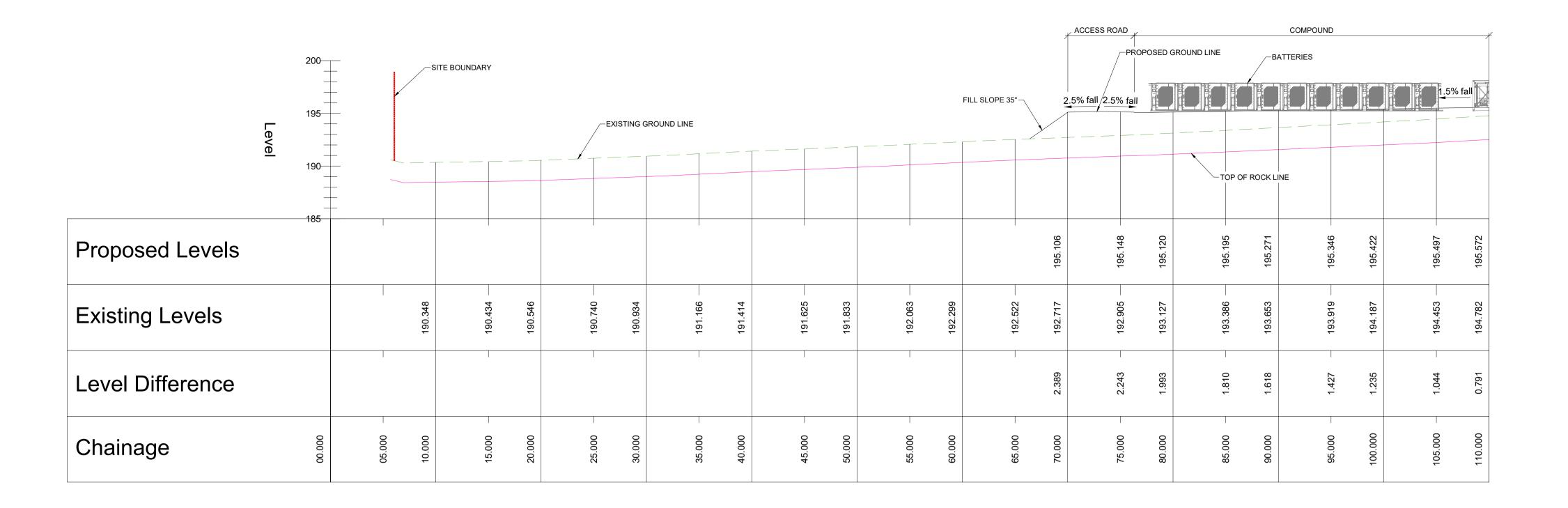
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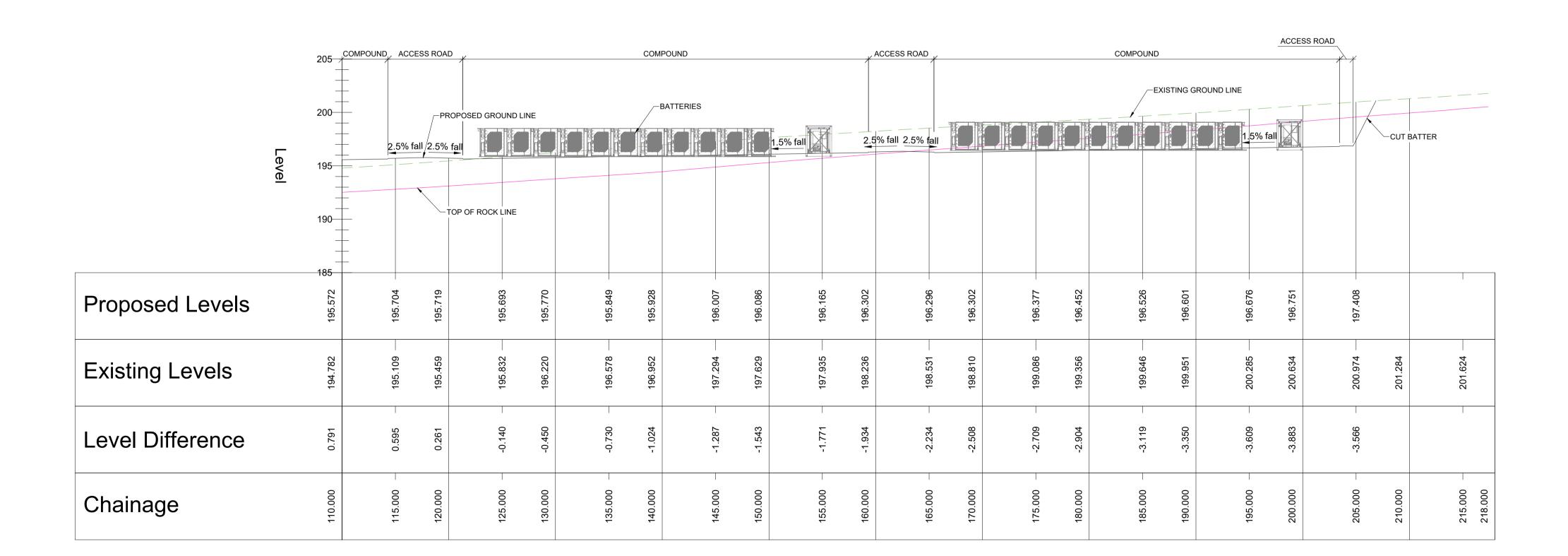
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SECTION E-E PART 1

CH0.0M TO 110.0M SCALE H 1:250, V 1:250



SECTION E-E PART 2

CH110.0M TO 218.0M SCALE H 1:250, V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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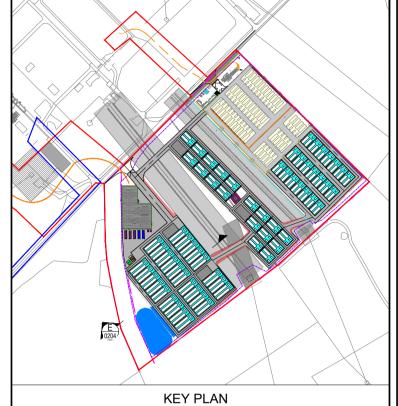
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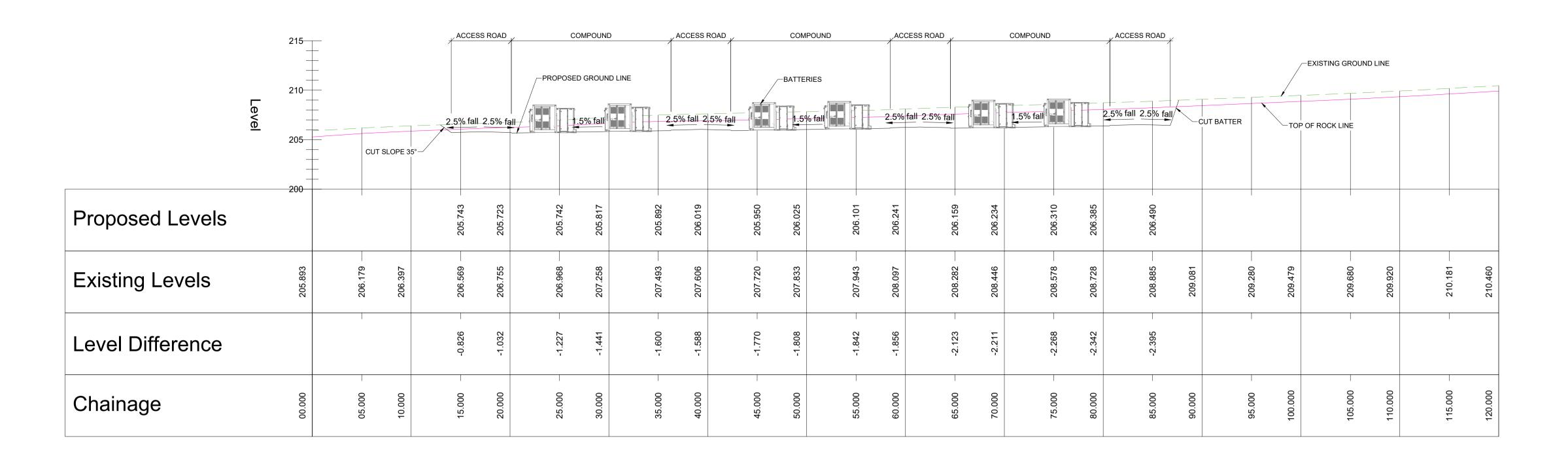
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SECTION F-F PART 1

CH0.0M TO 120.0M SCALE H 1:250, V 1:250



SECTION F-F PART 2

CH120.0M TO 265.0M SCALE H 1:250 , V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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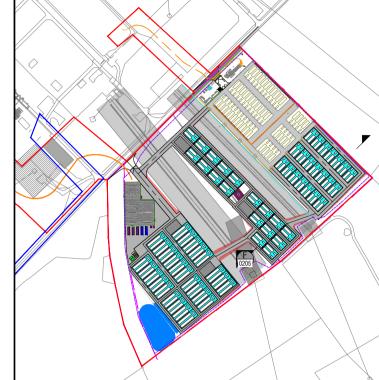
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LEGEND

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KEY PLAN (NOT TO SCALE)

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SITE SECTIONS (SHEET 6 OF 6)

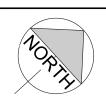
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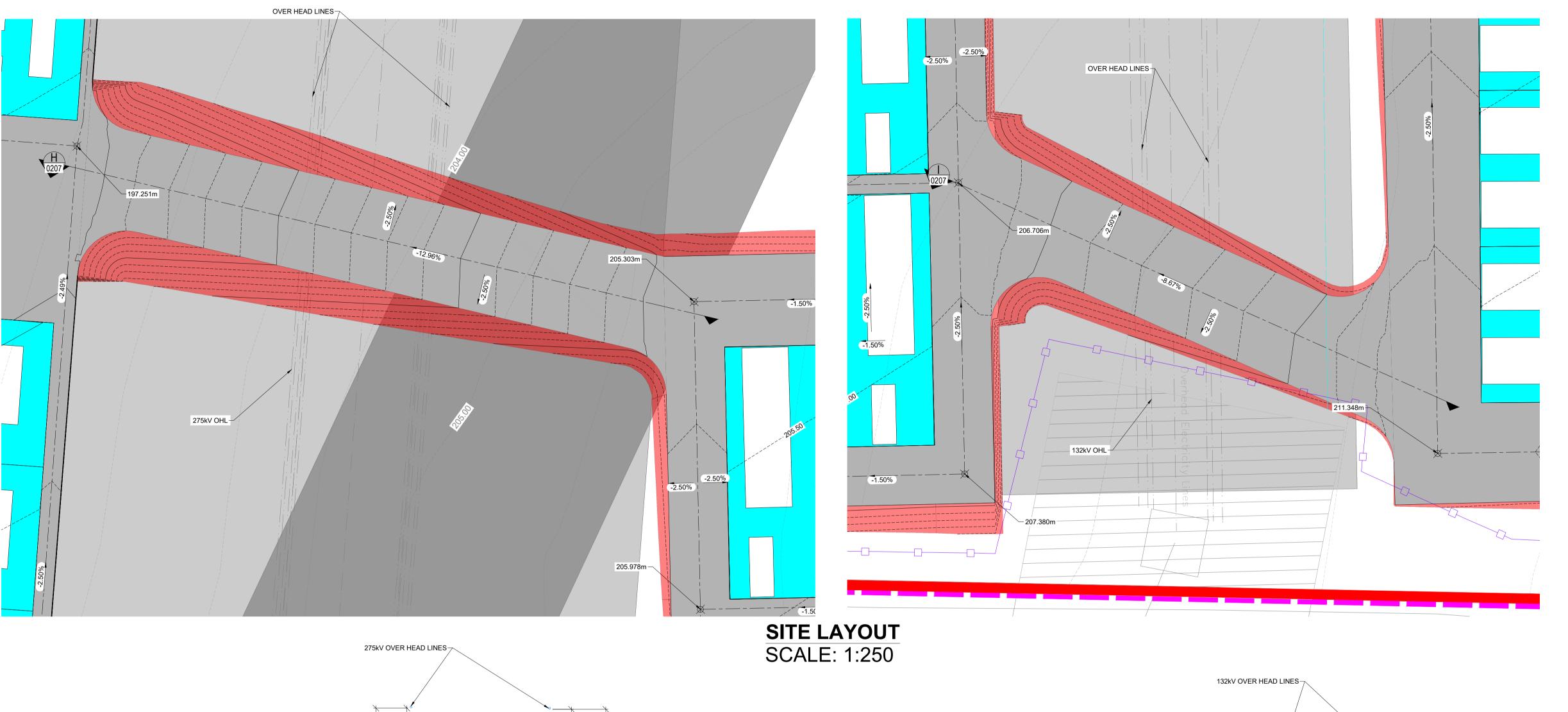


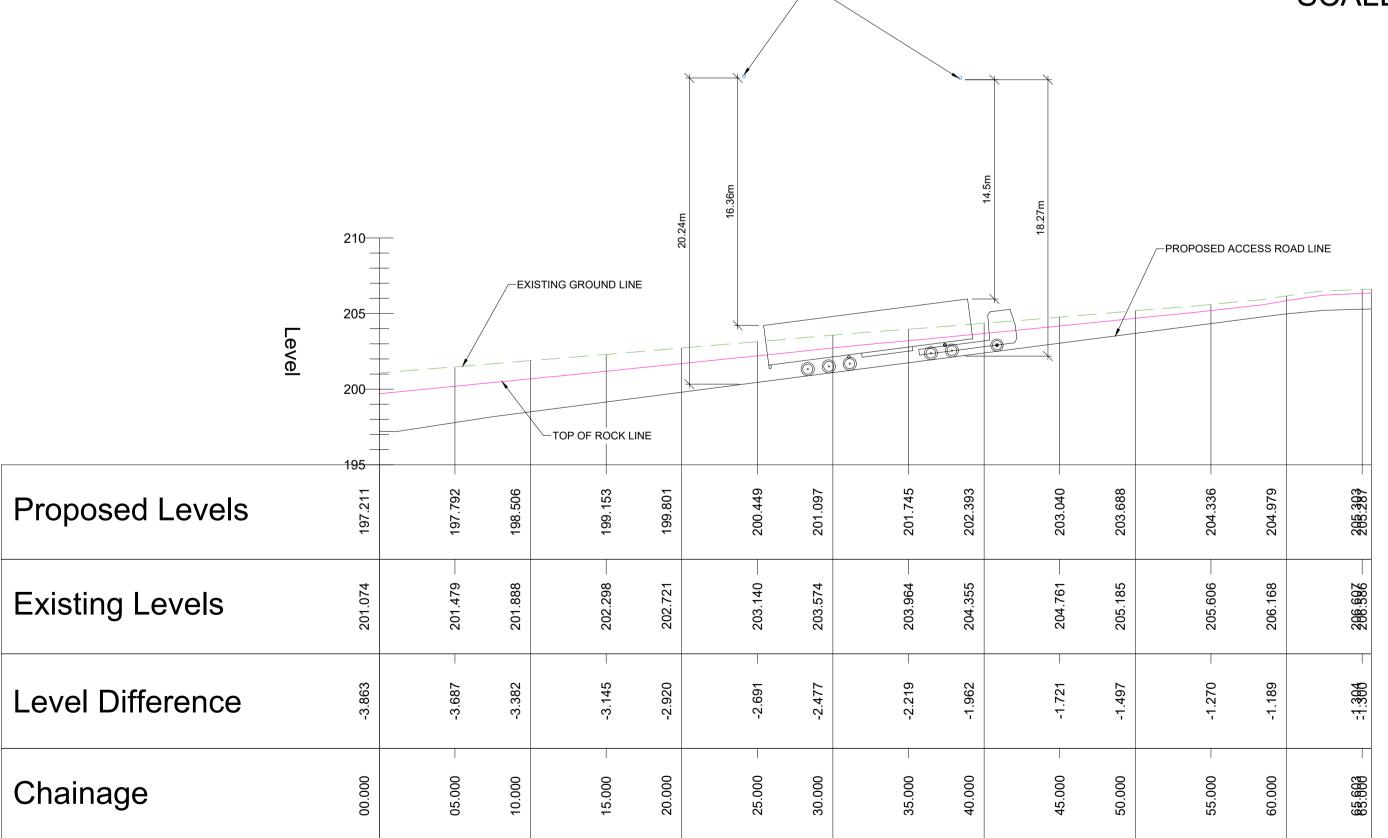
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SECTION H-H CH0.0M TO 65.6M SCALE H 1:250 , V 1:250 SECTION I-I CH0.0M TO 54.0M SCALE H 1:250 , V 1:250 DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.

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LEGEND:

RED LINE BOUNDARY

CABLE ROUTE

PALISADE FENCE

CENTER LINE ACCESS ROAD

ACCESS ROAD

ASPHALT ROAD BUILD UP

150mm THICK TOP LAYER OF
PERMEABLE COMPOUND STONE
CONSISTING OF 50mm SINGLE
SIZED CRUSHED LIMESTONE ON
A GEOTEXTILE MEMBRANE

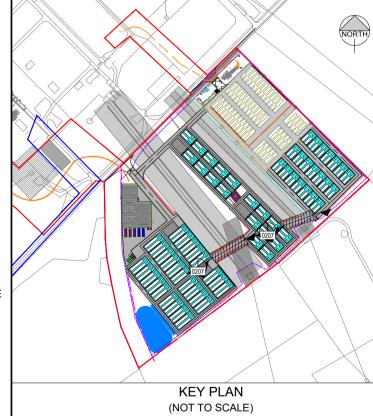
BUILDABLE PLATFORM

FILL SLOPE 35°

AUX TRANSFORMERS

PROTECTION CONTROL BUILDING

MV SWITCHGEAR BUILDING



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NEILSTON BESS PHASE 2

ACCESS ROAD UNDER OVER HEAD LINES SHEET 2

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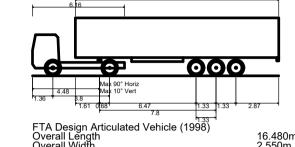
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VEHICLE LEGEND



FTA Design Articulated Vehicle (1998)

Overall Length
Overall Body Height
Min Body Ground Clearance
Max Track Width
Lock-to-lock time
Curb to Curb Turning Radius

?.?. ?.?. BY APP

NEILSTON BESS PHASE 2

TITLE:

VEHICLE TRACKING - ARTIC TRUCK

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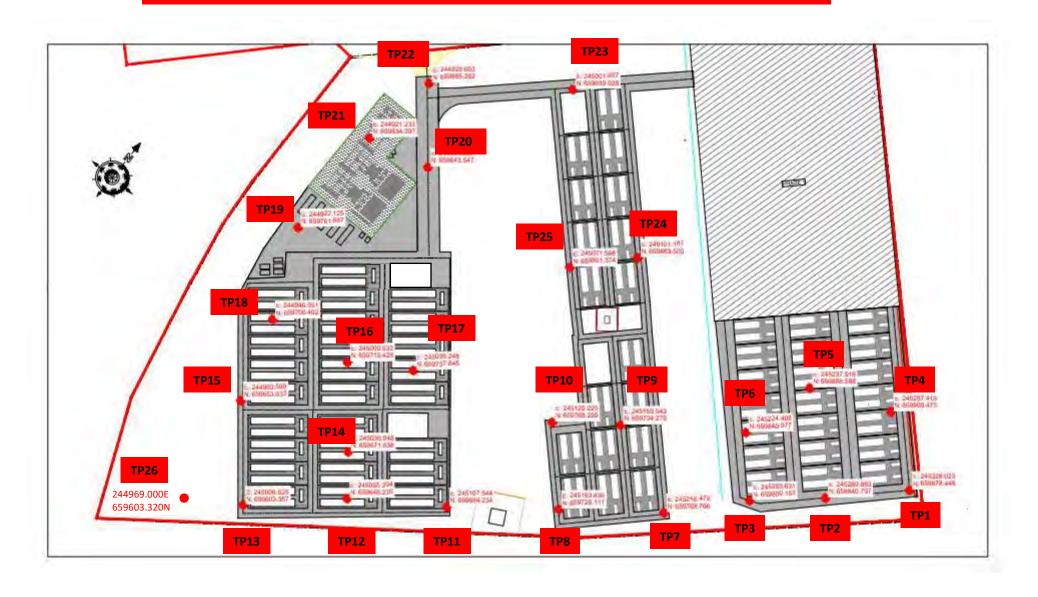
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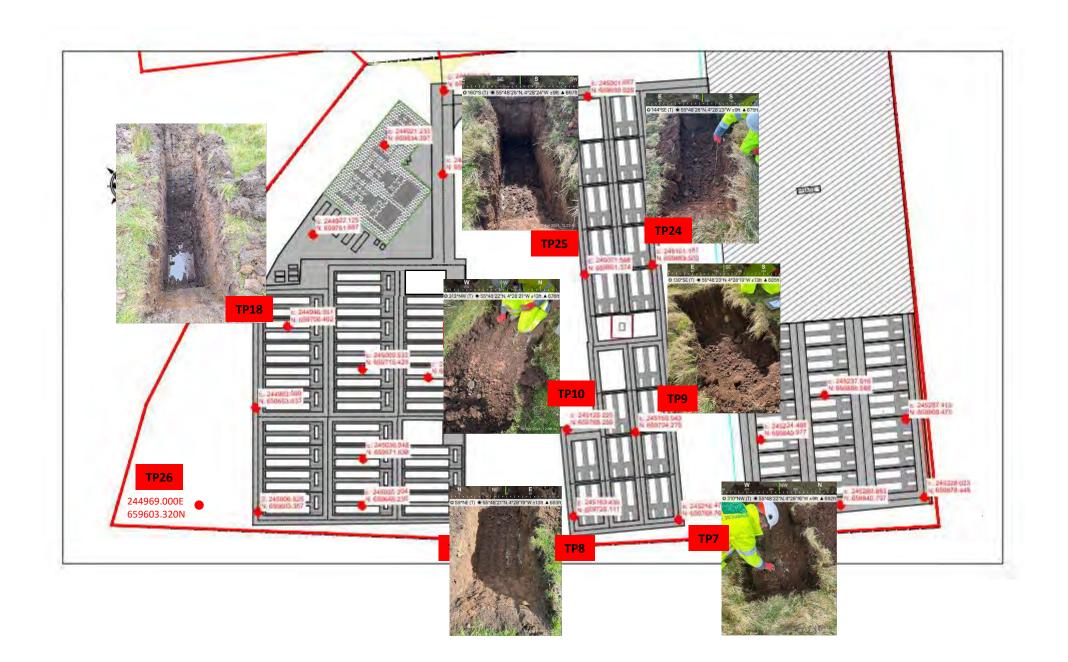


Appendix 2

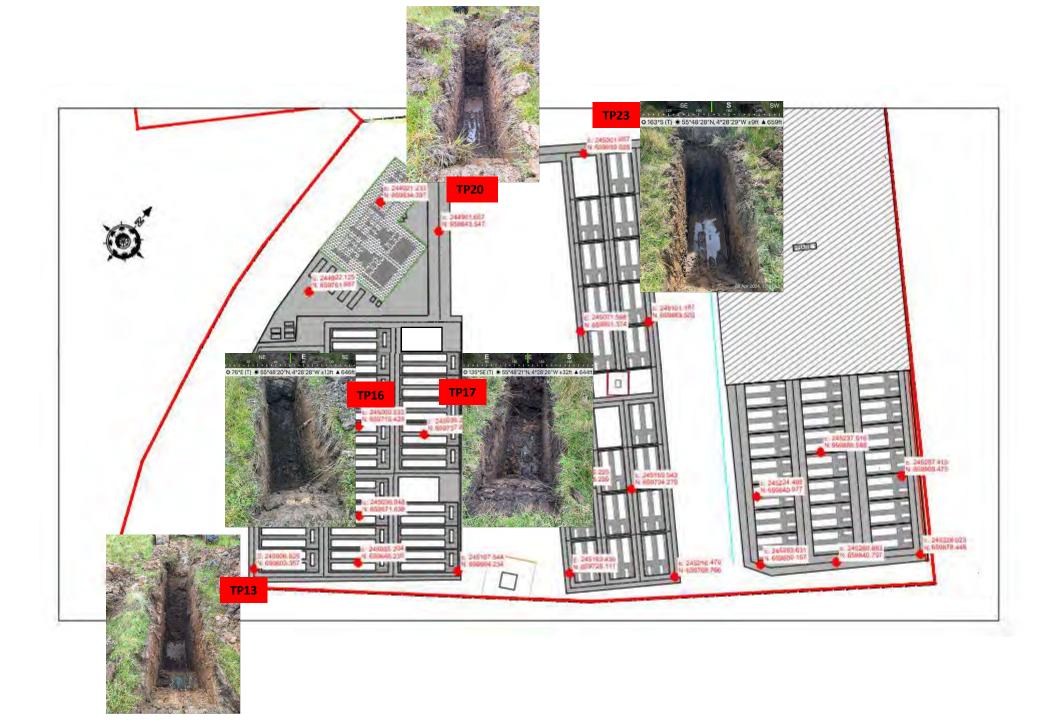
Site investigation Drawing and Logs

PHASE 2 TRIAL HOLE INFORMATION TAKEN 08.04.2024 & 09.04.2024













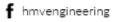


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	Owner:	Operations Manager	Review:	3 Years

Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP01
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions						
Length (m) Width (m) Depth (m)						
2	1	0.6				







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	Ground Conditions							
Complete as suitable			Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	Surfacing PEATY/TOP SOIL		N	0.200				
Underlying Material	ORANGE CLAY	-	N	0.400				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK/BASALT	0.600	N	-				

	Utilities Record							
Service	ce Water Gas HV/MV Ducting			LV Ducting	Fibre/Telecoms	Other/Unknown		
Pipe Material	NA	NA	N/A	NA	NA	NA		
Depth of cover (m)	NA	NA	N/A	NA	NA	NA		
Diameter (mm)	NA	NA	N/A	NA	NA	NA		
Quantity (No.)	NA	NA	N/A	NA	NA	NA		

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





TRIAL HO	LE RECORI	O SHEET	Page:	1 of 2
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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP08
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
2	1	0.800			





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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.250				
Underlying Material	SUB SOIL	-	N	0.550				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK	0.800	N	-				

Utilities Record						
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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	Owner:	Operations Manager	Review:	3 Years

Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP07
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions						
Length (m) Width (m) Depth (m)						
2	1	0.8				







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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.200				
Underlying Material	SUB SOIL	-	N	0.300				
Underlying Material	SUB SOIL	-	N	0.300				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK	0.800	N	-				

Utilities Record								
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown		
Pipe Material	NA	NA	N/A	NA	NA	NA		
Depth of cover (m)	NA	NA	N/A	NA	NA	NA		
Diameter (mm)	NA	NA	N/A	NA	NA	NA		
Quantity (No.)	NA	NA	N/A	NA	NA	NA		

Street Furniture						
	Distance from TH	In Future Works Area	Comments			
	(m)	(Y/N)				
Kerbs	NA	NA	NA			
Road Markings	NA	NA	NA			
Overhead Lines	NA	NA	NA			
Street Lighting	NA	NA	NA			
Utility Covers	NA	NA	NA			

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall



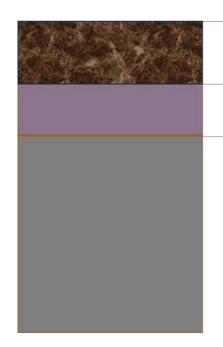


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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP06
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions						
Length (m) Width (m) Depth (m)						
2	1	0.450				

TRIAL PIT 06



250MM TOPSOIL

200MM MEDIUM DENSE BASALT

BASALT DETECTED AT 450 MM DEEP



TRIAL HC	TRIAL HOLE RECORD SHEET				
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	Ground Conditions							
Complete as suitable Description		Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.250				
Underlying Material	BASALT/GRAVEL	-	N	0.200				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK	0.450	N	-				

	Utilities Record							
Service	Water Gas		HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown		
Pipe Material	NA	NA	N/A	NA	NA	NA		
Depth of cover (m)	NA	NA	N/A	NA	NA	NA		
Diameter (mm)	NA	NA	N/A	NA	NA	NA		
Quantity (No.)	NA	NA	N/A	NA	NA	NA		

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

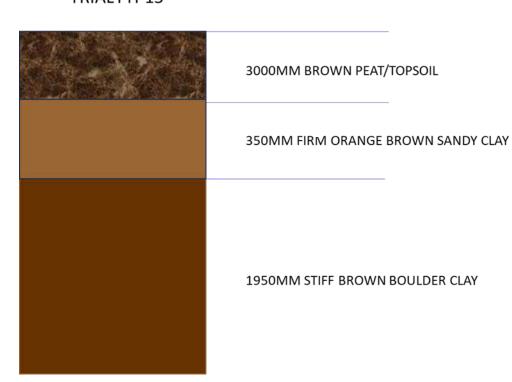




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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP15
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
2	1	1.950			





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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.300				
Underlying Material	SUB SOIL	-	N	0.350				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	SUBSOIL FORMATION	1.950	N	-				

Utilities Record						
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP024
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions		
Length (m)	Width (m)	Depth (m)
1.750	1	0.7

	200MM TOPSOIL
A SELECTION OF THE SELECTION OF	100MM MEDIUM DENSE ORANGISH BROWN SANDY GRAVEL SAND INCLUDING BASALT
	400MM PURPLISH GREY BASALT LOOSE WITHIN BROWN SANDY GRAVEL
	BASALT DETECTED AT 700MM DEEP



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	Ground Conditions				
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments
Surfacing	TOP SOIL	-	N	0.200	
Underlying Material	SUB SOIL	-	N	0.100	
Underlying Material	SUB SOIL/BASALT	-	N	0.400	
Underlying Material	-	-	-	-	-
Formation Level	BEDROCK	0.700	N	-	

	Utilities Record					
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

	Street Furniture				
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP25
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions				
Length (m) Width (m) Depth (m)				
2	1	1.500		







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	Ground Conditions				
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments
Surfacing	TOP SOIL	-	N	0.250	
Underlying Material	SUB SOIL	-	N	0.250	
Underlying Material	SUB SOIL	-	N	1.000	
Underlying Material	-	-	-	-	-
Formation Level	BEDROCK	1.500	N	-	

	Utilities Record					
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP09
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
1.750	1	0.650			

200MM TOPSOIL
200MM MEDIUM DENSE CLAY ORANGISH BROWN SANDY GRAVEL SAND
250MM PURPLISH GREY BASALT LOOSE WITHIN BROWN SANDY GRAVEL
BASALT DETECTED AT 650MM DEEP



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Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	TOP SOIL	-	N	0.200			
Underlying Material	SUB SOIL	-	N	0.200			
Underlying Material	SUB SOIL/BASALT	-	N	0.250			
Underlying Material	-	-	-	-	-		
Formation Level	BEDROCK	0.650	N	-			

Utilities Record						
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture						
	Distance from TH	In Future Works Area	Comments			
	(m)	(Y/N)	Comments			
Kerbs	NA	NA	NA			
Road Markings	NA	NA	NA			
Overhead Lines	NA	NA	NA			
Street Lighting	NA	NA	NA			
Utility Covers	NA	NA	NA			

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP10
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	0.200					

TRIAL PIT 10



200MM TOPSOIL

BASALT DETECTED AT 200 MM DEEP



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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.200				
Underlying Material	-	-	N	-				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK	.200	N	-				

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Commonto		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP11
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	1.450					





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	Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	TOPSOIL	-	N	0.350			
Underlying Material	ORANGE BROWN CLAY	-	N	0.650			
Underlying Material	BROWN CLAY	-	N	0.450			
Underlying Material	-	-	-	-	-		
Formation Level	BEDROCK/BASALT	1.450	N	-			

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

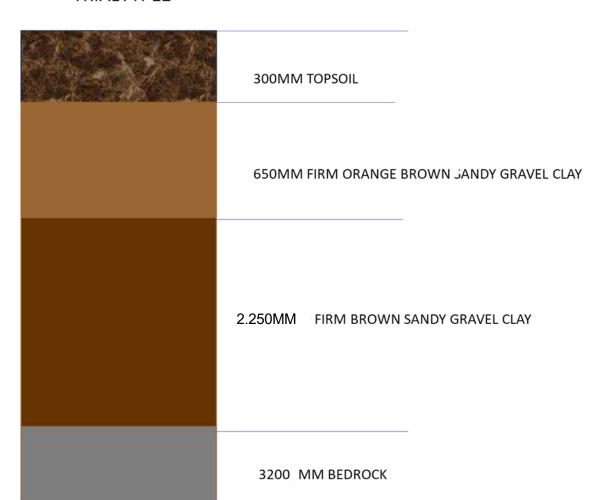




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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP12
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
2	1	3.200			





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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOPSOIL	-	N	0.350				
Underlying Material	ORANGE BROWN CLAY	-	N	0.650				
Underlying Material	BROWN CLAY	-	N	2.250				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK/BASALT	3.200	N	-				

Utilities Record						
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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	Owner:	Operations Manager	Review:	3 Years

Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP13
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	3.000					





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	Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	PEATY/TOP SOIL	-	N	0.300			
Underlying Material	ORANGE CLAY	-	N	0.700			
Underlying Material	BROWN.GREY CLAY	-	N	2.000			
Underlying Material	-	-	-	-	-		
Formation Level	DIG DEPTH	3.000	N	-			

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

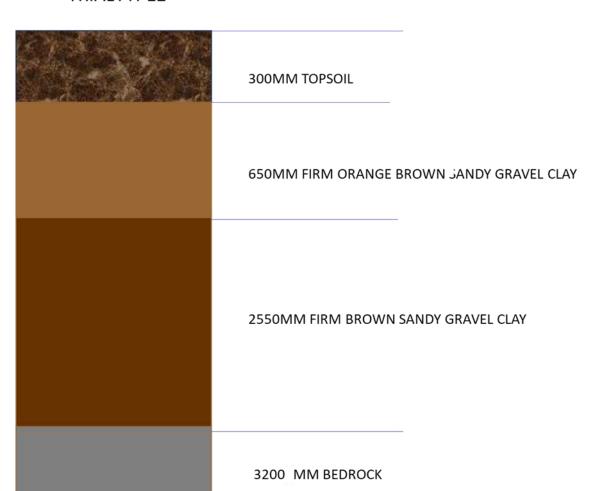




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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP12
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	3.200					





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	Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	TOPSOIL	-	N	0.300			
Underlying Material	ORANGE BROWN CLAY	-	N	0.650			
Underlying Material	BROWN CLAY	-	N	2.550			
Underlying Material	-	-	-	-	-		
Formation Level	BEDROCK/BASALT	3.200	N	-			

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

	Street Furniture				
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA NA		NA		
Road Markings	NA	NA NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

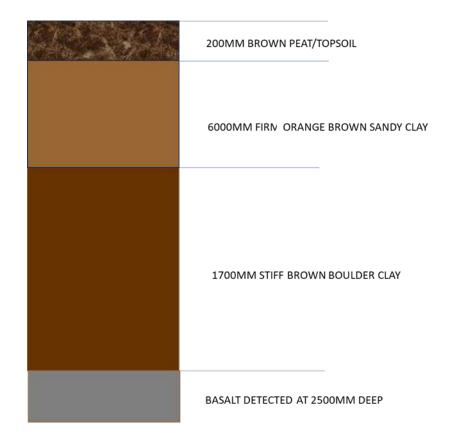




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	Owner:	Operations Manager	Review:	3 Years

Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP16
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
2	1	2.500			





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Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments	
Surfacing	TOP SOIL	-	N	0.200		
Underlying Material	SUB SOIL	-	N	0.600		
Underlying Material	BOULDER CLAY	-	N	1.700		
Underlying Material	-	-	-	-	-	
Formation Level	BEDROCK/BASALT	2.500	N	-		

			Utilities Record			
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

	Street Furniture				
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA NA		NA		
Road Markings	NA	NA NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall



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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP21
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	3.100					

TRIAL PIT 21



1100MM BROWN PEAT

700MM SOFT GREY CLAY

1300MM FIRM GREY RED SANDY BOULDER CLAY

STOPPED AT 3100MM DUE TO EXCAVATOR DIGGING DEPTH





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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	BROWN PEAT	-	N	1.100				
Underlying Material	SOFT GREY CLAY	-	N	0.700				
Underlying Material	BOULDER CLAY	-	N	1.300				
Underlying Material	-	-	-	-	-			
Formation Level	DEPTH	3.100	N	-				

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall



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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP05
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	0.350					

TRIAL PIT 05



250MM TOPSOIL

100MM MEDIUM DENSE ORANGE BROWN CLAY WITH SAND AND GRAVEL

BASALT DETECTED AT 350MM DEEP



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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	TOP SOIL	-	N	0.250				
Underlying Material	SUB SOIL	-	N	0.100				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK	0.350	N	-				

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall



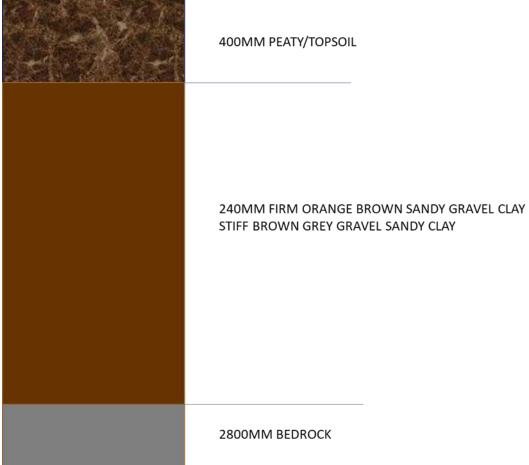


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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP20
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions					
Length (m) Width (m) Depth (m)					
2	1	2.800			

TRIAL PIT 20



400MM PEATY/TOPSOIL



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	Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments			
Surfacing	PEATY/TOPSOIL	-	N	0.400				
Underlying Material	ORANGE BROWN CLAY	-	N	2.400				
Underlying Material	-	-	N	-				
Underlying Material	-	-	-	-	-			
Formation Level	BEDROCK/BASALT	2.800	N	-				

Utilities Record						
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown
Pipe Material	NA	NA	N/A	NA	NA	NA
Depth of cover (m)	NA	NA	N/A	NA	NA	NA
Diameter (mm)	NA	NA	N/A	NA	NA	NA
Quantity (No.)	NA	NA	N/A	NA	NA	NA

Street Furniture				
	Distance from TH	In Future Works Area	Comments	
	(m)	(Y/N)	Comments	
Kerbs	NA	NA	NA	
Road Markings	NA	NA	NA	
Overhead Lines	NA	NA	NA	
Street Lighting	NA	NA	NA	
Utility Covers	NA	NA	NA	

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

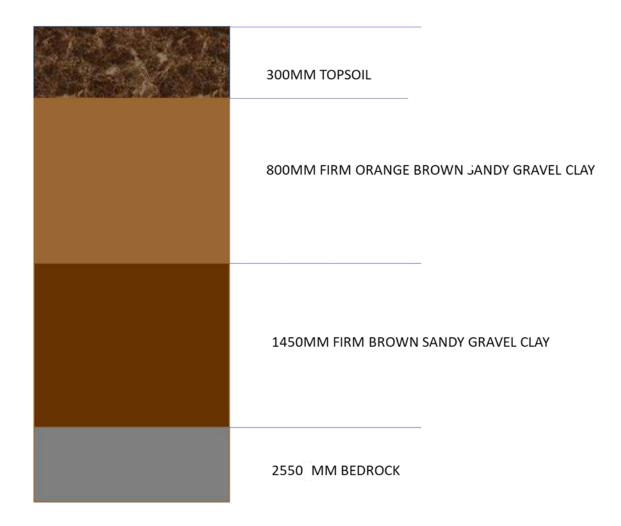




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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP14
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m) Width (m) Depth (m)							
2	1	2.550					







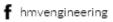
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	Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	TOPSOIL	-	N	0.300			
Underlying Material	ORANGE BROWN CLAY	-	N	0.800			
Underlying Material	BROWN CLAY	-	N	1.450			
Underlying Material	-	-	-	-	-		
Formation Level	BEDROCK/BASALT	2.550	N	-			

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

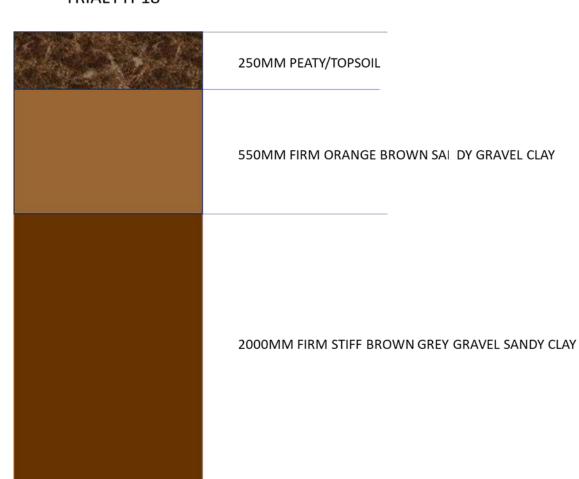


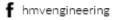


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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP18
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions						
Length (m) Width (m) Depth (m)						
2 1 2.000						







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	Ground Conditions						
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	PEATY/TOPSOIL	-	N	0.250			
Underlying Material	ORANGE CLAY	-	N	0.550			
Underlying Material	BOULDER CLAY	-	N	2.000			
Underlying Material	-	-	-	-	-		
Formation Level	DEPTH	2.800	N	-			

Utilities Record							
Service	Water	Gas	Fibre/Telecoms	Other/Unknown			
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture						
	Distance from TH	In Future Works Area	Comments			
	(m)	(Y/N)	Comments			
Kerbs	NA	NA	NA			
Road Markings	NA	NA	NA			
Overhead Lines	NA	NA	NA			
Street Lighting	NA	NA	NA			
Utility Covers	NA	NA	NA			

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP024
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions						
Length (m) Width (m) Depth (m)						
1.750	1	0.650				

200MM TOPSOIL
200MM MEDIUM DENSE CLAY ORANGISH BROWN SANDY GRAVEL SAND
250MM PURPLISH GREY BASALT LOOSE WITHIN BROWN SANDY GRAVEL
BASALT DETECTED AT 650MM DEEP



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Ground Conditions							
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments		
Surfacing	TOP SOIL	-	N	0.200			
Underlying Material	SUB SOIL	-	N	0.200			
Underlying Material	SUB SOIL/BASALT	-	N	0.250			
Underlying Material	-	-	-	-	-		
Formation Level	BEDROCK	0.650	N	-			

Utilities Record							
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown	
Pipe Material	NA	NA	N/A	NA	NA	NA	
Depth of cover (m)	NA	NA	N/A	NA	NA	NA	
Diameter (mm)	NA	NA	N/A	NA	NA	NA	
Quantity (No.)	NA	NA	N/A	NA	NA	NA	

Street Furniture					
	Distance from TH	In Future Works Area	Comments		
	(m)	(Y/N)	Comments		
Kerbs	NA	NA	NA		
Road Markings	NA	NA	NA		
Overhead Lines	NA	NA	NA		
Street Lighting	NA	NA	NA		
Utility Covers	NA	NA	NA		

Sign off	Print	Signature	
Subcontractor	NA	NA	
H&MV:	Darren Fall	Darren Fall	





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Project Name:	Neilston	Document Number:	000001
Completed By:	Darren Fall	Trial Hole Reference:	TP10
Location:	Site – Adjacent to Phase 1 – Brown Field	Coordinates:	SEE PLAN ABOVE
Date of Inspection:	08/09 - April - 2024	Weather Conditions:	DRY / 13 DEG

Trial Hole Dimensions							
Length (m)	Width (m)	Depth (m)					
2	1	0.200					

TRIAL PIT 10



200MM TOPSOIL

BASALT DETECTED AT 200 MM DEEP



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	Ground Conditions										
Complete as suitable	Description	Depth to Layer (bgl)	Water (Y/N)	Layer Thickness (m)	Comments						
Surfacing	TOP SOIL	-	N	0.200							
Underlying Material	-	-	N	-							
Underlying Material	-	-	N	-							
Underlying Material	-	-	-	-	-						
Formation Level	BEDROCK	.200	N	-							

Utilities Record										
Service	Water	Gas	HV/MV Ducting	LV Ducting	Fibre/Telecoms	Other/Unknown				
Pipe Material	NA	NA	N/A	NA	NA	NA				
Depth of cover (m)	NA	NA	N/A	NA	NA	NA				
Diameter (mm)	NA	NA	N/A	NA	NA	NA				
Quantity (No.)	NA	NA	N/A	NA	NA	NA				

	Street Furniture							
	Distance from TH	In Future Works Area	Comments					
	(m)	(Y/N)	Comments					
Kerbs	NA	NA	NA					
Road Markings	NA	NA	NA					
Overhead Lines	NA	NA	NA					
Street Lighting	NA	NA	NA					
Utility Covers	NA	NA	NA					

Sign off	Print	Signature
Subcontractor	NA	NA
H&MV:	Darren Fall	Darren Fall

Logged by:			Site: NETLYTOW BESS	Contract No: E6303 Trial Pit No:		
Date 08/04/24	ate Location Di		imensions: Equipment soon 2 au	TPO	2	
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill	
9-30	BHT	0-0.20	- V - P	1		
010	017-	020-	med deve orangish brown 5/1/4y 51 gray 84m s And Cow SATSR STM.		_	
		0.30	Med device brown si clayery v grav sign c stand w med coup. Grav A to sa Good (tobably campately weathered bossister.		Spar	
			Ched rech, buylt).			
Dry? St	Ground-wa		ark:			
0		The s	sides of the pit stood vertical/collapsed belowPho	to Taken?	1	

Logged b	in		NETL STON	BESS.		Contract No Trial Pit No:	
Date 08/04/24	Location	IUI	rensions: requipme	Praend		TP0-	7
Samp Depth	Samples & Tests	Depth		Description of Strata	The same	Water	Backfill
		0-020	0 br T09103				
		0.30	Med desse Classing of Sill Per me	y cy gracily & pothick of seeing to Ch . Co. Washly Complete	TOC THEF IN SABOR		Post
		030	Strong Purp Le Mel San Free 9 St				
			Stoc gra	which to	966		
		-	and the same				20-
Dry? Str	Ground-wat	ime .	4	100	1949		
102	112	The	des of the pit stood vert	cal/collapsed below	Pho	oto Taken?	ila

Logged by:			Neilston BESS	Contract No.	
ate S/4/24	Location PLA	W Dir	mensions: Equipment ST Trank Examp r	TP24	1
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill
726	BIT.	0-0.20	Brown TOPSOFL		
		0.30	Att A the country send for Completely wanted		Sp
		0.30	Strong t V Chory DAPPING gry		- 7
1 1			one i truy to roll to mid there twell (file as sgray AHA)		
	Ground-wat	Rema	rk:		57
Dry/ Str	uck Rose to T	ime .	ides of the pit stood vertical/gopped below	to Taken?	1

Logged by:		NETLSTON BESS				Contract No: E6303 Trial Pit No:			
Date or/*/hu	Location	Di	mensions:	Equipment	35	1	TP	0	9,
Samp Depth	Samples & Tests	Depth		Descriptk	on of Strata		W	ter	Backfill
0.30	BH.	0-0-20	Bran	TOPSOF1					
		0-40	Med dens	e brown C	144-4 9.	WHY ONE	C .		.1,4
-		040		V Strony x Phenon S+ red as V Sorg aver a				1	Sport .
		- 500	Rice	as V Sono	7 Atta	suc s	-		
				100	Harry or	100	V) ()		
			- Iva	1	to the same of				7-11
Dry/ Str	Ground-wa	ter Rema	ark:		To The state of th				
1		The s	sides of the pit	stood vertical/co	Hapsed below	Pt	hoto Taken	2 0	

Logged by:			Site: NETLSTOW BESS			Contract No:		
Date 08/04/24	Location H+m/		mensions:	Equipment ST +racked	Tri	TPO2		
Samp Depth	Samples & Tests	Depth	111111111111111111111111111111111111111	Description of Strata		Water	Backfill	
030	OPT	0-04	Pbr	Topset.				
		0-35	Med de	NE Orangian brown a ffrn SAND. Gr	nrung n Atosa		50	
		0-35-			W. & T		20,0	
		040	BASAL	t strong day go	Skeigth		+1	
			Atsa	- coops w forme	8100			
			<i>V</i>					
			T Y			Ac.s.		
		Rema	rk:	- k - / .				
Dry?	Ground-wat					1		
		Thes	ides of the pit s	tood vertical/collapsed below	Photo	aken7 y	'n	

Samp Depth	HFM(Samples & Tests	Depth	100 K2.00 ST - Froi Cuc Description of Strata	Water	Backfill
070	B+T.	0-0.35	Br Topsof L.	-	
	- 1	0.25	gravily Stm SAM Gray Atola		
		-0 50	gravery Stm SAMO Gray ATTOR		0
-	14	-			1
	- 1		-C0.70 bec 8+0 (Sond,		7
-	111	-	OBITE (TELL		7.02
-	-		(bicho (h () a) 4 H).	1	
	4	36	Chora I (1705)	1	
	A)	- 10	- AF		15
- 3%	2	- W		W.	
1		11			
-	CV	1	0.00		
204		Rem	ark:	-	
	Ground-wa	Rem	4		

Logged	by:		VA.A.	Site:	FLSTON BESS	E	tract No	:	
Date	124 H+AV-		Dimensions:	The state of the s			Trial Pit No:		
Samp Depth	h Samp	ples & Tests	De	epth	Description of Strata.	2.10	Water	Backfill	
0-76	13	+1	0-0	13 Br TO	P50+L	-			
1-20	B	42	625 (0.95 Film	orangen brown + brown y char. am A to sin S	Signa to C.	1	POTZ	
1			1.5	10 State (reduced brown mother Com	You		in the second	
			1.50		OBSTRUCTION (Keloch (
		ريندر					1		
								£	
	Gr	ound-wa	Section 1	Remark:					
DOY			îme	The sides of the p	oit stood vertical/collepsed below	Photo Ta	ken? Cyl)	

Date Odleszy	Location Hfww	Di	mensions: Equipment ST + Chel	TPI	C
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill,
		0-	BY TOPSOFL		- 7
	*	0.20	(hedroch basa 1+)		-
			(neoran (Dasa II)		So.
				3	FC
	- :			- 1.	100
15	le l		A =	- 1	
		- 1			
	Ground-wat	Rema	I ark:	1.6	

Logged by	/: /		Site:	10-100	orce	The management	Contract No	
. 0	111		1 1 FJ	LSTOW	13E2>		Trial Pit No:	1
Date 0864h4	Location H+MV		mensions:	Equipment	rached	4	161-	7
Samp Depth	Samples & Tests	Depth			ion of Strata		Water	Backfill
0<16	BAT	0-030	Dbr P	EAT.	1 100	1	The same	_ V.
MQ	BAG	0.30- 1.46	ELAY	w Sum	reun si	Sond + Sond	u _	So
		· .		in the	not	Hod Grange		1.05
713		1.40	Med sh	MAJALA	shory	Greath	Te :	
			trind	Wedn-	- Steve	tricel		2
					To a series			10.
							***	and the same
	Ground-wat	_	ark:	-		1 1 th	The state of the s	
	uck Rose to T		sides of the pit	stood vertical/co	lapsed below	Ph	oto Taken?	h

Date by or hy	Location H Inv		nensions: Equipment ST frocked	JP2	25*
Samp Depth	Samples & Tests	Depth	Description of Strata	. Water	Backfill
0.70	134T	0 -6.30	Breaty topoth		
120	ot.T.	030-	dry (1 from Songy Charn		
			dry si fra Soncy Chry in 1000 COBB Comproph 5 AISA		B
-	1 3.6	0.95	Still grain brow SI Sy Signer boxs		\$2
W. T.	4.1	2	the state of the s		
-	1	1-65	(projecty pasety)		
-	2h 1				30
3	Ground-wa	Rema	rk: Supage @140		77

Logged b	CM	-	Site: NEILSTON BESS	Contract No	:
Date Ox loylu	Location		mensions: Equipment 6 tray (hed.	Trial Pit No:	
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill
230.	BHT	0-025	D br Topsotc		
		025-01)	Medduse ormion brown silty si gav thm swall in low cold. Commy tooks says a too		Sport
			-Co-35m OBSTANCTON		9
					7.7
		2.35-1			
		Rem	ark:		
-	Ground-wa		The state of the s		
Dry Str	uck Rose to 1	The	sides of the sit stead watind colleged Malar	ata Takana P	1
		The s	sides of the pit stood vertical/collapsed belowPh	oto Taken?	H

Date Olivhy	Location	(Di	Site: WEHSTON BESS mensions: Equipment ook 200 Structured.	rial Pif No:	
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill
- 17			0. 2001.51	-	6.1
- 1		0-025	Br TOPSOFF	-	100
1		025-	Medium Strong t Strong Pupilish Gry PAJALT men prope Stome) The reacher to weigh Recome of V Song And the Story of the St	The state of	lenia .
17	+	0.45	any RAJALT. Men Prox Stones		50
173			+ 5x rearper to wear. Rec	37.	10,
113			as v Say Ats & Stoc		7
25.1		1	your without cold	7. 1	1.v =
8/0		1-766	law.	Vac Wall	-
etil	17.00	Lon Kin		7.7	
	1	100	Party and the		
1.	43		The second secon		-
1 100	10	-		in the last	600
1	11 3	7		N. Killing	
100	-	-		-	-
	73	-			
= -45	/	Rema	ark:	-	1
/	Ground-wat	ter			-
Dry? Str	uck Rose to T	ime	ides of the pit stood vertical/collars of below		-

ate Would	Location M+mv	-	mensions: Equipment fractice	rial Pit No:	٢ .
amp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill
1.00	BIT	0-030	O brown PEAT		- 12
150	B+T.	0-30-	From olangish brown mortised	in the second	(n
×		0.9.	La Taranta	ř.	1/6
		260	crown sin blood said to		200
81			controlly popular corens		
			@ (-70m bec v 5700)	•	
		- 4	A A	172	
50	Ground-wa	ter. Rema	Stopped dusto excusions vech	ny pri	4:

ate X/2/2	Location		mensions: Equipment 85 Fraction TP	16
amp Depth	Samples & Tests	Depth	Description of Strata Wa	eter Backfill
.70	BHT	0-000	D'6 PEAT	124
20	PIT	020 0.80	Film orangs hi brown mottled any si su si for cast in Some blp is o sand an stren !	
10	BHT	T man	Some bly is o sand an streat	SPOST
	1	0.80-	CLAT NOW COMB GON TOOK	
	-7/	2.50		
	-		Mara bousting	
			(probably brobbs)	Cr. C.A.
-5	7-		ark: Much Surface was entony flat.	all years

18+ 19 nons

ogged by	1		NATISTAN 12275		Contract No: E6363	
Date 34/4/2	Location Location		mensions: Equipment 8T Mached	Trial Pit No:	23	
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfill	
-20	BT.	0-1-10	p b pers			
1.00	BLT	1.50	Soft gray 5 ru Chot wormy Vient remains + strong signic		SAS	
	2	1.60-	Film Gry MOHED red sandy Styra Cost w som wip of sond Flow cobb. Com fcobb so tol 8700	r fo	2	
***		- 4	+ cobb SA HE 8700		43	
<u>. </u>		u'				
		, ·	The state of the s	37	-	
Dry? Str.	Ground-wate	er me Rema	meh Sisane water in gass"	(livy and	2	

ogged by	CM	1.5	Site: NETCS TOW BES Contract No.	03.
Date 09/04/14 Samp Depth	Location H+/hV Samples & Tests		nensions: Equipment 97 trached Water Description of Strata Water	Backfill
0.70	BHT	0-04	D & reary topsoft	
1.50	B+T	03 9.80	Film organish brown sizes 51 your	
2.70	B+T	or	COM Wight bom size signer Com wight bill at sandt low Cobb Gray + cobb SATSE stoc	Spil
		2.80	Film oc 5 HAS blom in any SI sci SI'gray Chat w for bly of Soud agan + 10 w coop. Grut COBB SAHR STOCK	1
		kie-	Sondaga + 10 w cobb. Gat	- 0
-		***	-@1. PSm bec Shot, low lower	
			Convoru	
		2000	250 M bec V 5005	10.312
	Ground-wa	Rema	John John War Ellering	
Dry? Str	uck Rose to T		ides of the pit stood vertical/collapsed befow	//n

Logged b	CVI		-	TOW BED		contract No E630 rial Pit No:	
Date 15h	Location H W		Dimensions: Equipment				0
Samp Depth	Samples & Tests	Depth	102	Description of Strata	400	Water	Backfill
0-70	OFT	0 -04	Br prut	TORSOR			
2-70	BT.	0.40- 2-80		angush br poot of I stong thom cab! I soud thom cab! SATS R SOC. TOWNERS G. W low cabb. G. IN STOC. LOW 6			Sport
		280	02.0	beightso			Đ:
/	Ground-wat	me	ark: Sone.	To Sacrucer Han	25	Taken?	

ogged by	ay		NEILSTON BLSS	rial Pit No:	19
ate /24	Location	Dir	nensions: Equipment Tracked	2014	3
amp Depth	Samples & Tests	"Depth	Description of Strata y	Water #	Backfi
00	B44	07.30	Br Topoft		-
200	BHT	0.30	From to stroot by state Dangesh brown		Pi
	5 4	110	sign occ thinly som CLAY	Settine	
			+ Plut remains + Jone 6/pot		
			t plut remains + Jone blood	14/1/4	
-	9 1		CO.80 be C Stys4	1 st	7.50
	2	1.10 -	Film to Strost bounshour six six		3 1
		2.55	FIM to Street promoting in . 51 mg. \$1 grave Class on low copy. Gire toots 54+52 8tpc. Low bounds.		3/
			- probec shot is hos = 1.70m.		
1	Ground-wat	Rema	ME @2.55 & BSTRECTFON	-	-

Date 09/04/24	Location		mensions: Equipment 8 Trached	11/2	Backfill	
Samp Depth	Samples & Tests	Depth	Description of Strate	Water'	Backfill	
0.70	OH.	0-030	Br TopsoFL	3.20		
1.20_	BH	031-	Shed orangin brown notted gray + On nye had you chay in sow		Son	1
-	-	0.41	Cobb. 1 boulder		1	The state of
		08-	sander con A toin solt	2 8	(4)	*c
-	1	3.20	binder- Com A toin the	7	7	9
			CH3 SA 40 K.			
		\$-20	ezor bee Shot	-	7	
		9-20	DESTRUITED (provibly	1	- 44	
			The state of the s	A	186.1	07
	Ground-wat	Rema		1	1000	-

ogged by:		550	NETICTAN REST	Contract No:		
te 0424	Location	146 Dir	nensions: Equipment	TPI	13	
mp Depth	Samples & Tosts	- Depth	Description of Strata	Water	Backfi	
.70	BH	0-035	BY TOPSOFT		V	
	16.6.19 1				G	
20	B+T	641-00	Shot orangeri brown notified orange to so	-	1	
11/1		1	Caroli Fauleri Gru trobe sotsa	151	- 1	
1000	F	1	Sroc.	11	100	
100		1-00-	Med dense program moun cluring	7	-	
1	7	1:45	Med dense oragin moun chirty. Sondy At A foot CRANE'S we come comb to be at the Jord mte Computely we atmed	-		
21	1		wou care copy that some		1	
600	7		6 Call Confiner of direct	× 1	1	
The	-/-		basall)- Egrow N of Oxwer		1	
		-	Proy ween basyl		1	
. 4	15-11-12		- Te 1-45 gost Recitor	-		
	March 10	Rema	the Field when	100		

Date Date	Location H+MV	Dir	NETLYTOW BESS The solution of	rial Pit No:	11
Samp Depth	Samples & Tests	Depth "	Description of Strata	Water	Backfill
0.70	0+7		Br. Pary TO 15002.	RA	
2-00	B+T.	Q76-	Firm aring sh brew nother guy 51 54 St grav Clay to low CODE. Grav + cobb SAHR STOC	U	
		1.00	SISUSIGN CLAY WOW	-	1
		no.	CONG. GOV FEEDO JAHIR BLOC		Sin
		200	Shoot brownin gry si su si gar		1/0,
	100	300	char w how who + buder	-	3
	A STATE OF THE STA	100	0200m bec V 51-88		-
- 3		V- 30.2	02-00M VIC V 3/80		_
		W 10		79-	
		-			-
	11 12	P.		1000	
			The state of the s	400	
	,	15		1 - 30 - 3	
/	Ground-wa	Rema	forped duto reach or excave	. 48	1

Logged by	r:		Site: C	ontract No	:
Date	Location	Din	nensions: Equipment Excader	ial Pit No:	1
Samp Depth	Samples & Tests	Depth	Description of Strata	Water	Backfil
1 8	V.	0 -020	Brown Jopsoft	1	75
	//	020-060	Med duse grayin ham clusy	70	SA
		0.60	DESTRUCTION (basalt).	7	-of
		7			-
5		á			
Dry? S	Ground-wa		rik:		,
1	1/8	. The s	ides of the pit stood vertical contagged delow. Photo	Taken? (y	V