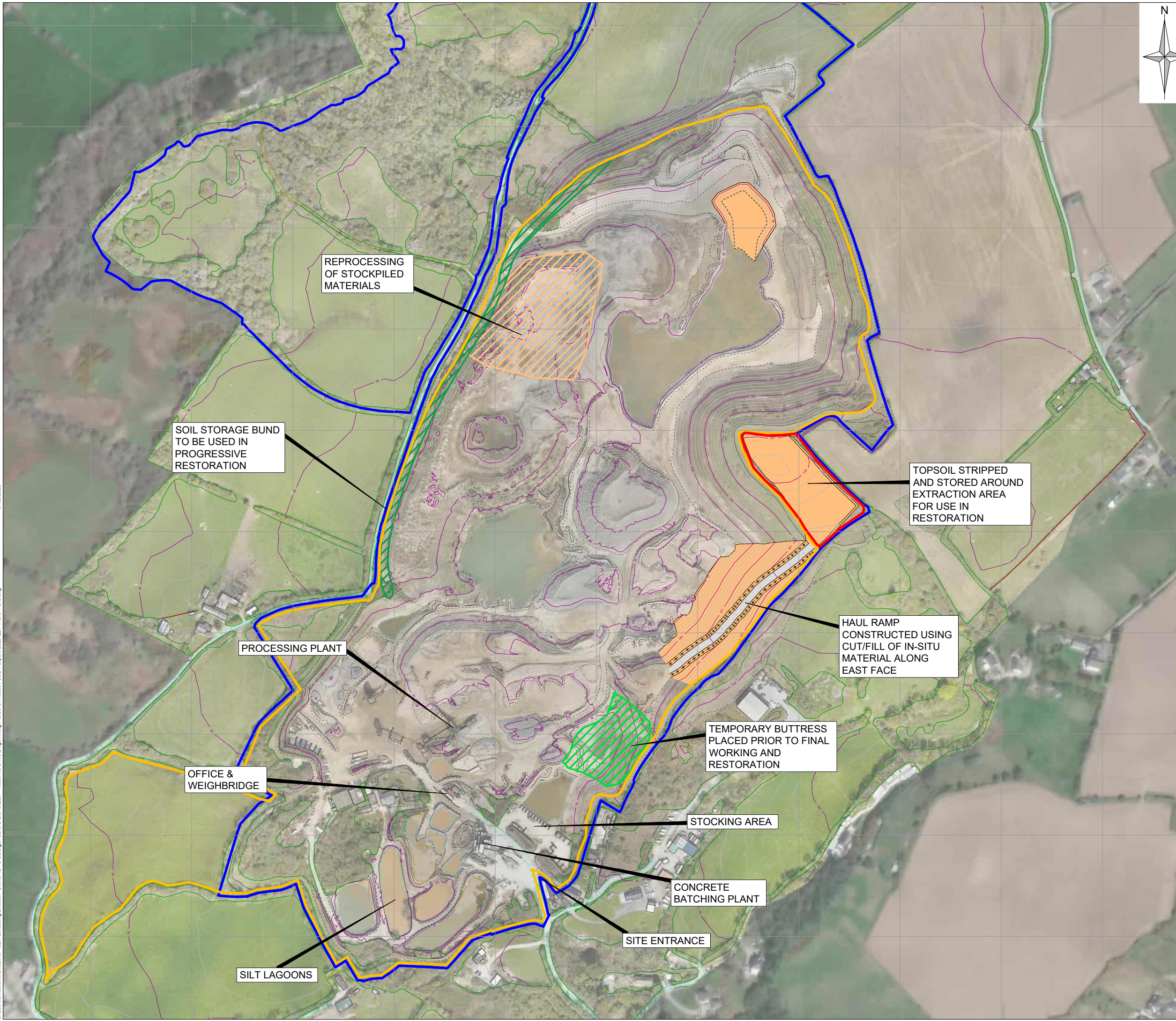


Notes:
 1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

Legend:

	LAND WITHIN APPLICANT'S OWNERSHIP
	APPLICATION BOUNDARY
	EXISTING PERMITTED AREA
	EXTRACTION AREA - CURRENT PHASES
	EXTRACTION AREA - PREVIOUS PHASES
	HAUL ROAD / RAMP
	REPROCESSING OF STOCKPILED MATERIALS
	TEMPORARY SOIL STORAGE AND BUTTRESS



Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
 PHASED WORKING SCHEME**

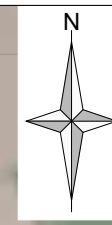
Figure Title
PHASE 1

Scale
1:3,500 @ A3 SLR Project No.
416.064914.00001

Designed BM	Drawn BM	Checked SH	Authorised SH
Date AUG 2023	Date AUG 2023	Date AUG 2023	Date AUG 2023

Figure Number
WS 01 Rev.
2

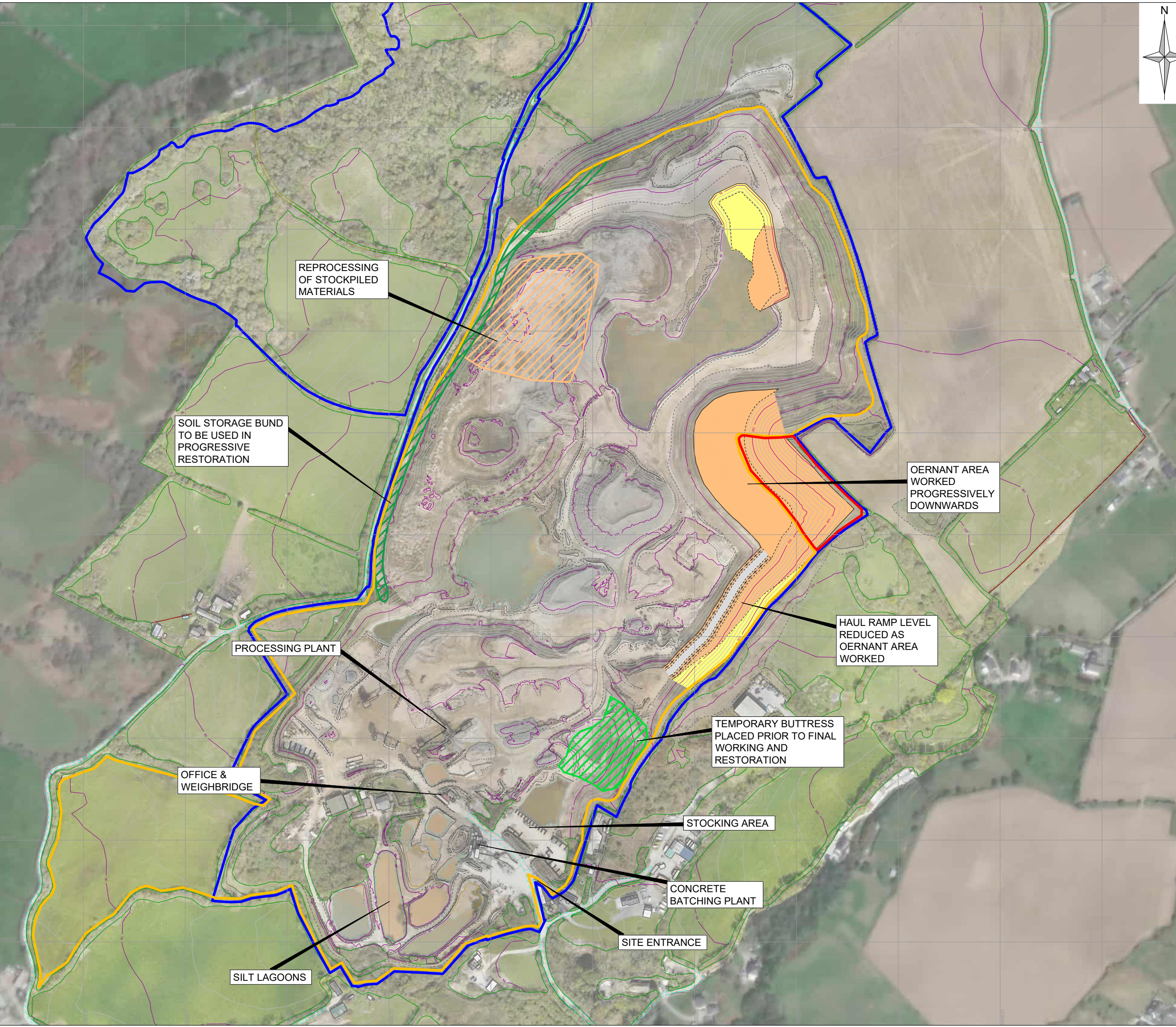
C:\Users\lmalheath\OneDrive - SLR Consulting Limited\OneDrive - SLR Consulting Limited\Projects\Cardigan Sand & Gravel\2307 - Reserves & WSD\Drawings\16.064914.00001 CSG Penparc 2023 QDP Plans 1-5\3.dwg 07/09/2023



Notes:
 1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

Legend:

	LAND WITHIN APPLICANT'S OWNERSHIP
	APPLICATION BOUNDARY
	EXISTING PERMITTED AREA
	EXTRACTION AREA - CURRENT PHASES
	EXTRACTION AREA - PREVIOUS PHASES
	HAUL ROAD / RAMP
	REPROCESSING OF STOCKPILED MATERIALS
	TEMPORARY SOIL STORAGE AND BUTTRESS



Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
 PHASED WORKING SCHEME**

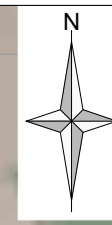
Figure Title
PHASE 2

Scale
1:3,500 @ A3 SLR Project No.
416.064914.00001

Designed BM	Drawn BM	Checked SH	Authorised SH
Date AUG 2023	Date AUG 2023	Date AUG 2023	Date AUG 2023

Figure Number
WS 02 Rev.
2

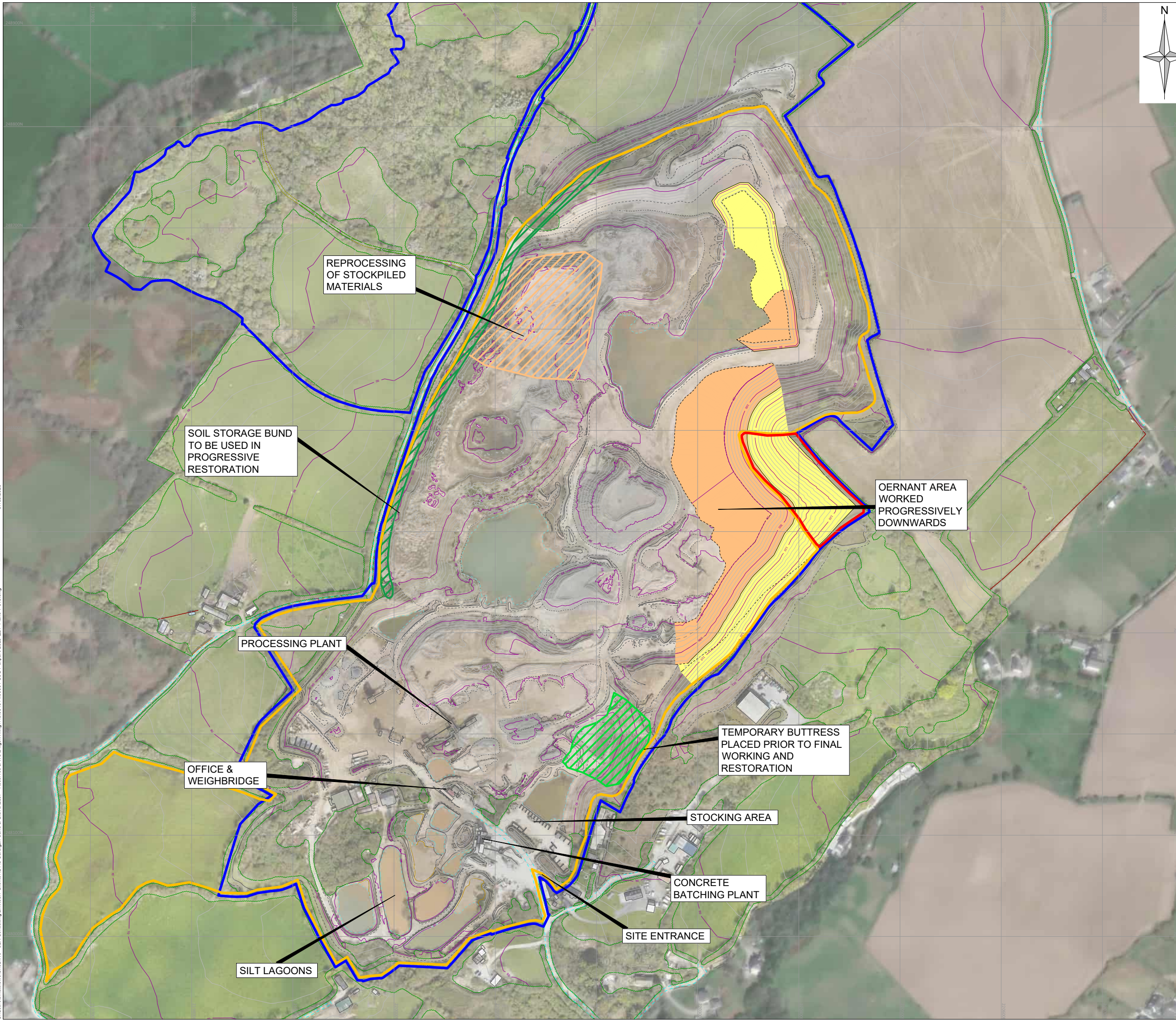
C:\Users\mathews\OneDrive - SLR Consulting Limited\1 - Clients\12448 Cardigan Sand & Gravel\2307 - Reserves & WSD\Drawings\16.064914.00001 CSG Penparc 2023 QDP Plans 1-5\3.dwg 07/09/2023



Notes:
 1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

Legend:

	LAND WITHIN APPLICANT'S OWNERSHIP
	APPLICATION BOUNDARY
	EXISTING PERMITTED AREA
	EXTRACTION AREA - CURRENT PHASES
	EXTRACTION AREA - PREVIOUS PHASES
	HAUL ROAD / RAMP
	REPROCESSING OF STOCKPILED MATERIALS
	TEMPORARY SOIL STORAGE AND BUTTRESS



Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
 PHASED WORKING SCHEME**

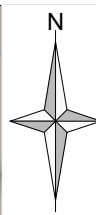
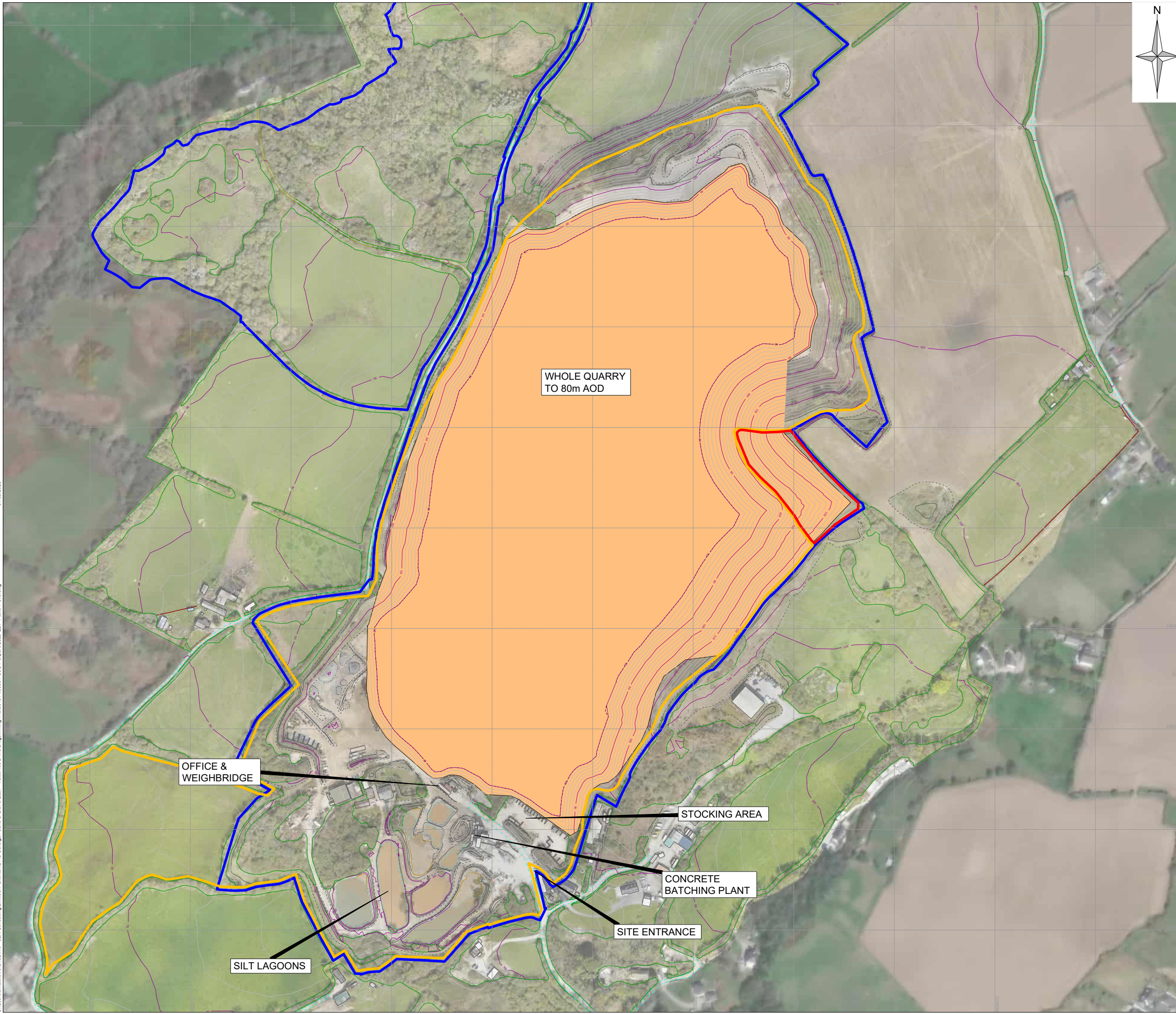
Figure Title
PHASE 3

Scale
1:3,500 @ A3 SLR Project No.
416.064914.00001

Designed BM	Drawn BM	Checked SH	Authorised SH
Date AUG 2023	Date AUG 2023	Date AUG 2023	Date AUG 2023

Figure Number
WS 03 Rev.
2

C:\Users\mathews\OneDrive - SLR Consulting Limited\OneDrive - Clients\12448 Cardigan Sand & Gravel\2307 - Reserves & WSD\Map\Wing16.064914.00001 CSG Penparc 2023 QDP Plans 1-5\3.dwg 07/09/2023



Notes:

1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

Legend:

	LAND WITHIN APPLICANT'S OWNERSHIP
	APPLICATION BOUNDARY
	EXISTING PERMITTED AREA
	EXTRACTION AREA - REMAINING RESERVES
	HAUL ROAD / RAMP

WHOLE QUARRY
TO 80m AOD

OFFICE &
WEIGHBRIDGE

SILT LAGOONS

STOCKING AREA

CONCRETE
BATCHING PLANT

SITE ENTRANCE

Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
PHASED WORKING SCHEME**

Figure Title
FINAL EXTRACTION PROFILE

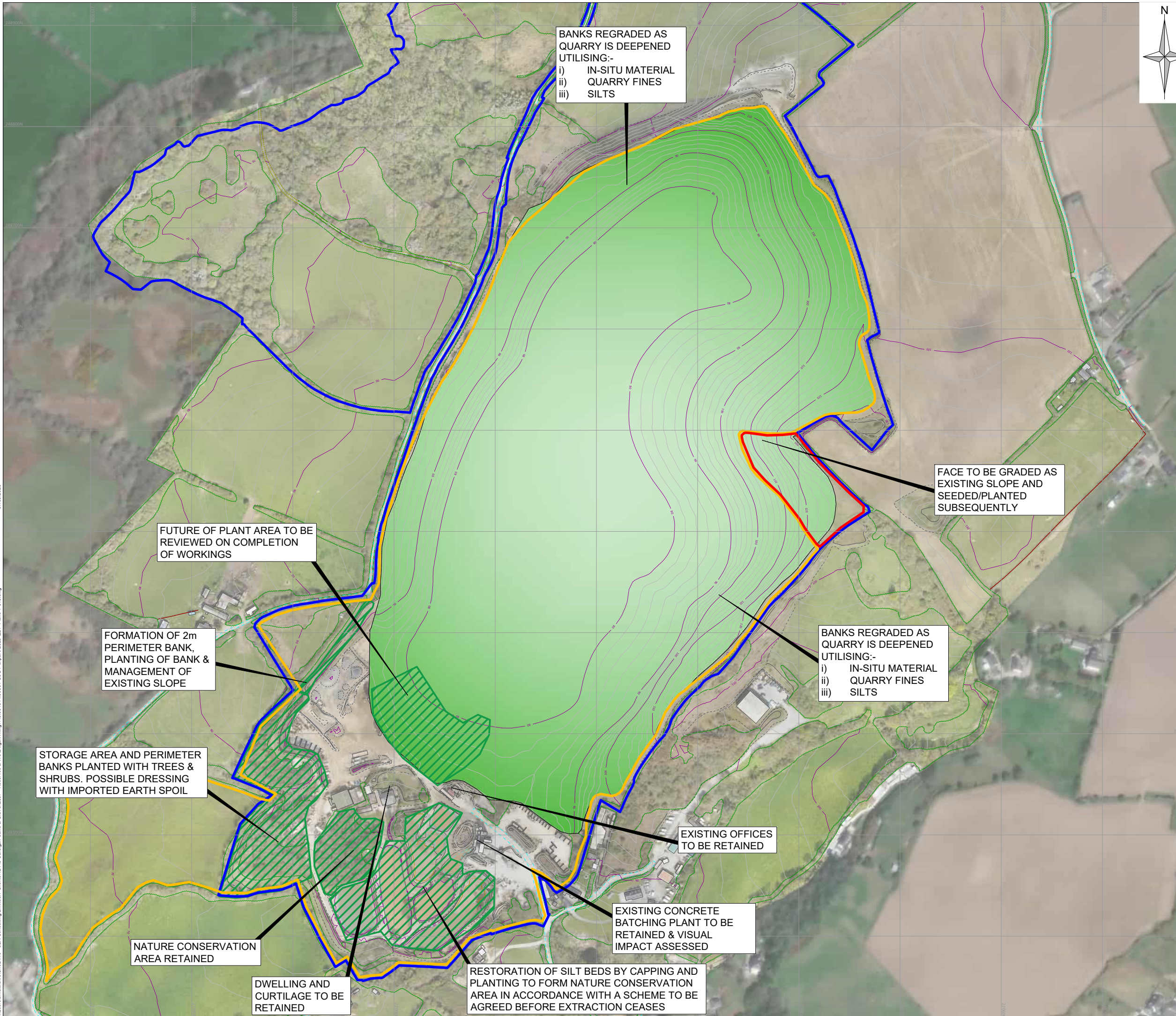
Scale 1:3,500	@ A3	SLR Project No. 416.064914.00001
-------------------------	------	--

Designed BM	Drawn BM	Checked SH	Authorised SH
-----------------------	--------------------	----------------------	-------------------------

Date AUG 2023	Date AUG 2023	Date AUG 2023	Date AUG 2023
-------------------------	-------------------------	-------------------------	-------------------------

Figure Number WS 04	Rev. 2
-------------------------------	------------------

C:\Users\mathews\OneDrive - SLR Consulting Limited\OneDrive - Clients\12448 Cardigan Sand & Gravel\2307 - Reserves & WSD\Drawings\16.064914.00001 CSG Penparc 2023 QDP Plans 1-5\3.dwg 07/09/2023



BANKS REGRADED AS QUARRY IS DEEPEMED UTILISING:-
 i) IN-SITU MATERIAL
 ii) QUARRY FINES
 iii) SILTS

FACE TO BE GRADED AS EXISTING SLOPE AND SEEDED/PLANTED SUBSEQUENTLY

FUTURE OF PLANT AREA TO BE REVIEWED ON COMPLETION OF WORKINGS

FORMATION OF 2m PERIMETER BANK, PLANTING OF BANK & MANAGEMENT OF EXISTING SLOPE

BANKS REGRADED AS QUARRY IS DEEPEMED UTILISING:-
 i) IN-SITU MATERIAL
 ii) QUARRY FINES
 iii) SILTS

STORAGE AREA AND PERIMETER BANKS PLANTED WITH TREES & SHRUBS. POSSIBLE DRESSING WITH IMPORTED EARTH SPOIL

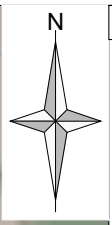
EXISTING OFFICES TO BE RETAINED

EXISTING CONCRETE BATCHING PLANT TO BE RETAINED & VISUAL IMPACT ASSESSED

NATURE CONSERVATION AREA RETAINED

DWELLING AND CURTILAGE TO BE RETAINED

RESTORATION OF SILT BEDS BY CAPPING AND PLANTING TO FORM NATURE CONSERVATION AREA IN ACCORDANCE WITH A SCHEME TO BE AGREED BEFORE EXTRACTION CEASES



Notes:
 1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

Legend:

	LAND WITHIN APPLICANT'S OWNERSHIP
	APPLICATION BOUNDARY
	EXISTING PERMITTED AREA
	RESTORATION LANDFORM
	RESTORATION DETAIL

Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
 PHASED WORKING SCHEME**

Figure Title
CONCEPT RESTORATION LANDFORM

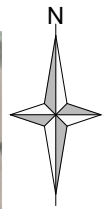
Scale
1:3,500 @ A3 SLR Project No.
416.064914.00001

Designed BM	Drawn BM	Checked SH	Authorised SH
-----------------------	--------------------	----------------------	-------------------------

Date AUG 2023	Date AUG 2023	Date AUG 2023	Date AUG 2023
-------------------------	-------------------------	-------------------------	-------------------------

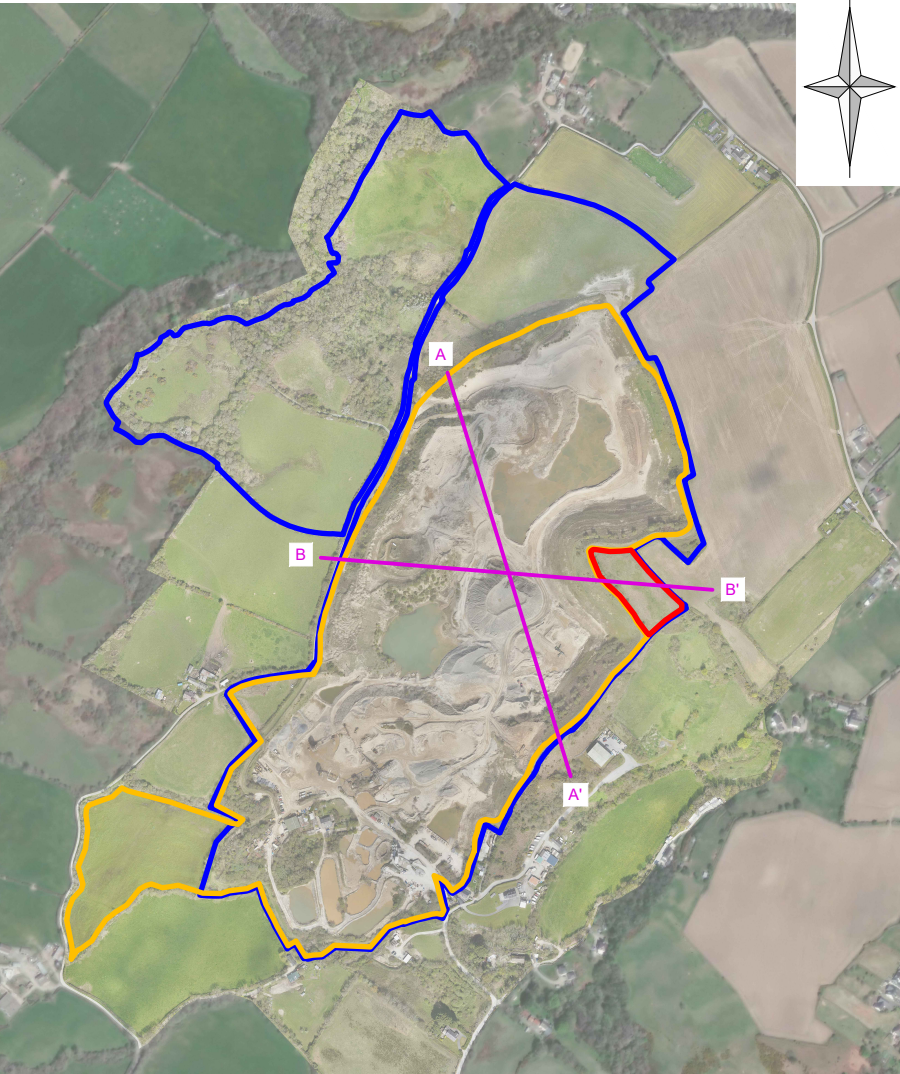
Figure Number WS 05	Rev. 2
-------------------------------	------------------

C:\Users\mathews\OneDrive - SLR Consulting Limited\OneDrive - Clients\12448 Cardigan Sand & Gravel\2307 - Reserves & WSD\Digital\Wing\416.064914.00001 CSG Penparc 2023 QDP Plans 1-5\3.dwg
 07/09/2023

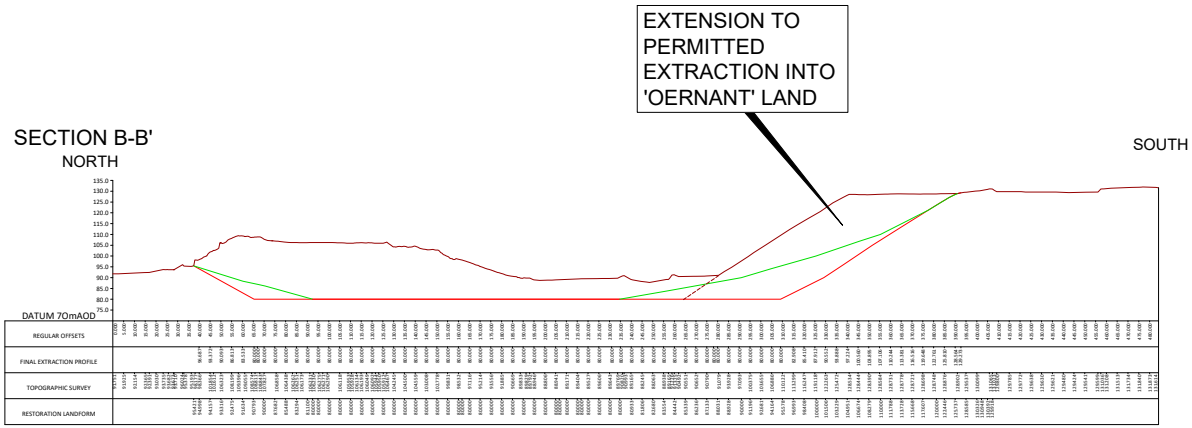
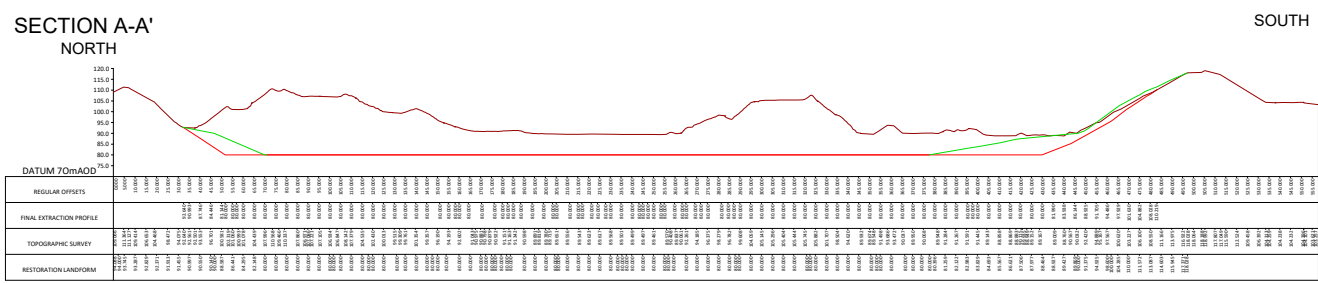


Notes:
1. AERIAL PHOTOGRAPH AND TOPOGRAPHIC SURVEY COURTESY OF LAND AND MINERALS CONSULTING LTD. APRIL 2023

- Legend:**
- INSET PLAN**
- LAND WITHIN APPLICANT'S OWNERSHIP
 - APPLICATION BOUNDARY
 - EXISTING PERMITTED AREA
 - SECTION LINE
- CROSS SECTIONS**
- TOPOGRAPHIC SURVEY
 - FINAL EXTRACTION PROFILE
 - RESTORATION LANDFORM



INSET MAP SCALE: 1:10,000



Rev	Amendments	Date	By	Chk	Auth



www.slrconsulting.com

Client
CARDIGAN SAND AND GRAVEL Co. LTD

Project
**PENPARC QUARRY
PHASED WORKING SCHEME**

Figure Title
CROSS SECTIONS

Scale 1:3,500	@ A3	SLR Project No. 416.064914.00001
Designed BM	Drawn BM	Checked SH
Date SEP 2023	Date SEP 2023	Date SEP 2023
Figure Number WS 06	Rev. 2	