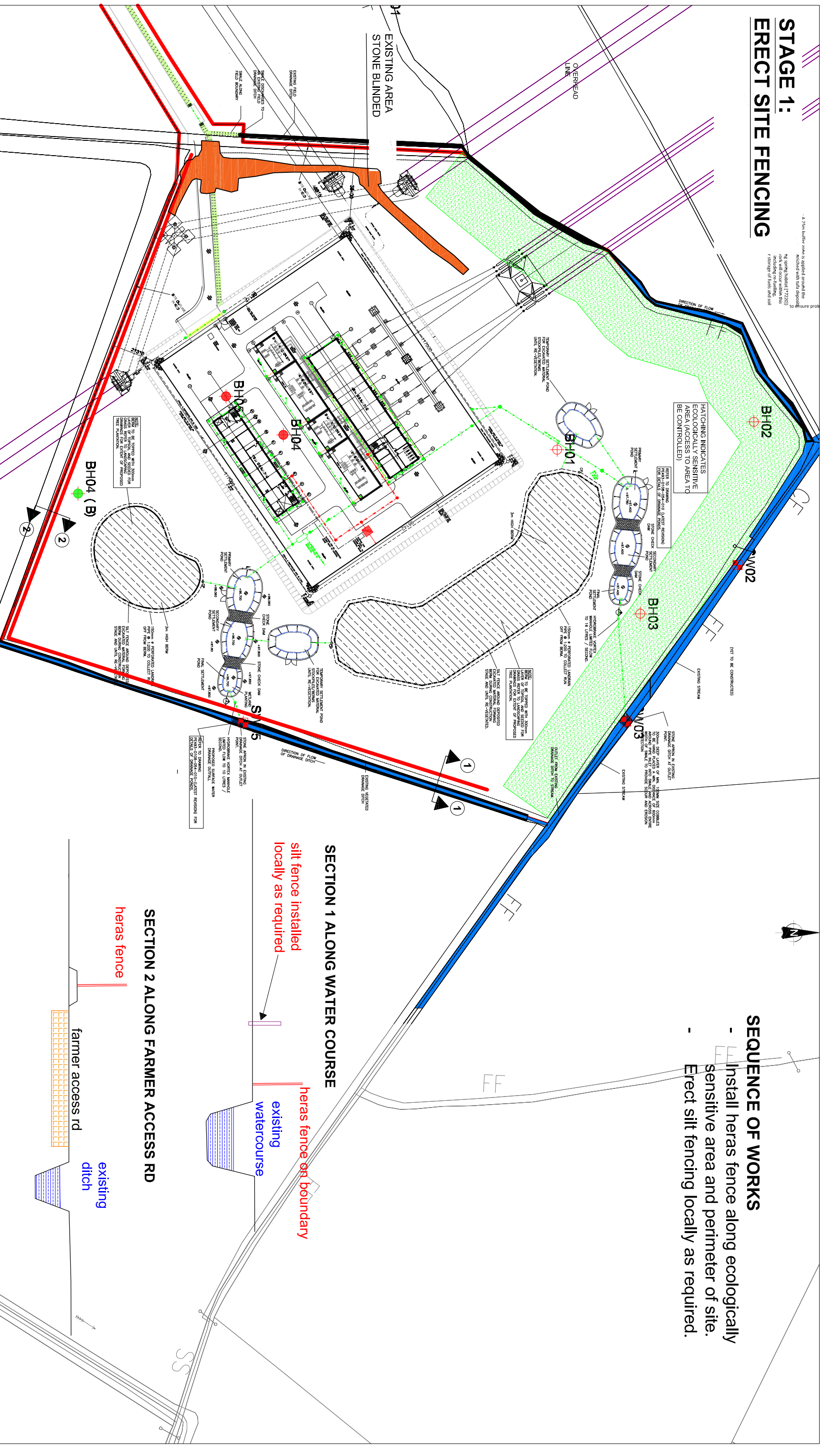


# STAGE 1: ERECT SITE FENCING

A 2.7m buffer zone is applied around the perimeter of the site to ensure protection from external noise and odour. The buffer zone is defined by the 1:25 contour line and will be controlled by the erection of silt fencing. The buffer zone is defined by the 1:25 contour line and will be controlled by the erection of silt fencing.



- ### SEQUENCE OF WORKS
- Install heras fence along ecologically sensitive area and perimeter of site.
  - Erect silt fencing locally as required.

### SECTION 1 ALONG WATER COURSE

silt fence installed locally as required

heras fence on boundary

existing watercourse

### SECTION 2 ALONG FARMER ACCESS RD

heras fence

farmer access rd

existing ditch

KEY PLAN

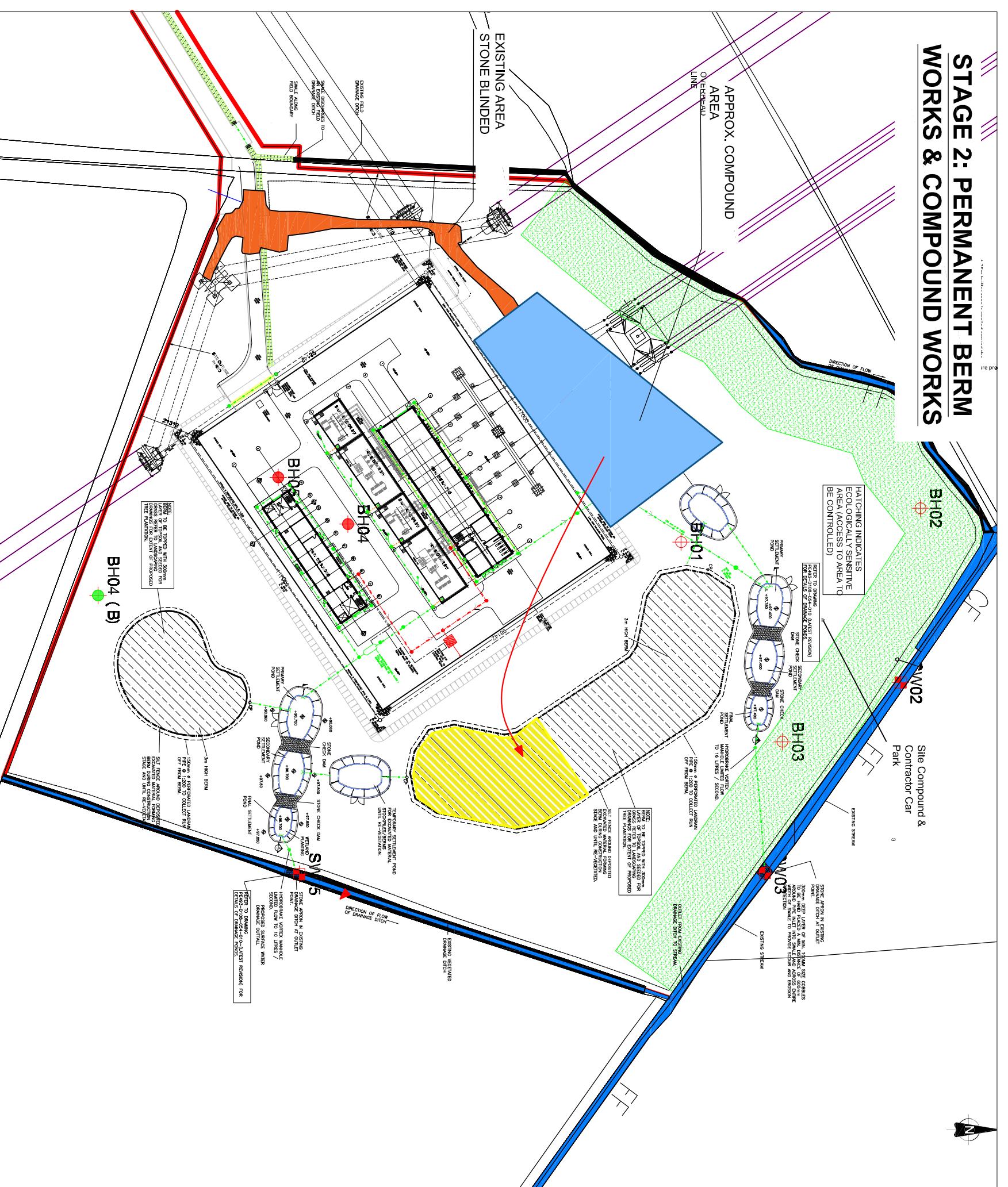
EARTH MOVING PLAN

NO.		BY	DATE	DESCRIPTION
PROJECT COOLINABACKY CO.LA015				
Drafted	TU		Date :	
Checked	tomasz.urbaniski@kilwex.ie		Date :	

### REVISIONS



# STAGE 2: PERMANENT BERM WORKS & COMPOUND WORKS



## SEQUENCE OF WORKS

- Increase / enhance existing access route and hard standing for new access route & compound
- Install silt fencing to perimeter of proposed permanent berm
- Excavate and install land drain and catchpits to perimeter of proposed permanent berm. Excavated spoil to be stored with footprint of permanent berm.
- Strip topsoil in compound area as required and and move excavated spoil to berm.
- Stone up compound area as required.

KEY PLAN

EARTH MOVING PLAN

### REVISIONS

NO.	BY	DATE	DESCRIPTION

PROJECT COOLNABACKY  
CO LAOIS

Drafted : TU  
Date : 30/08/23

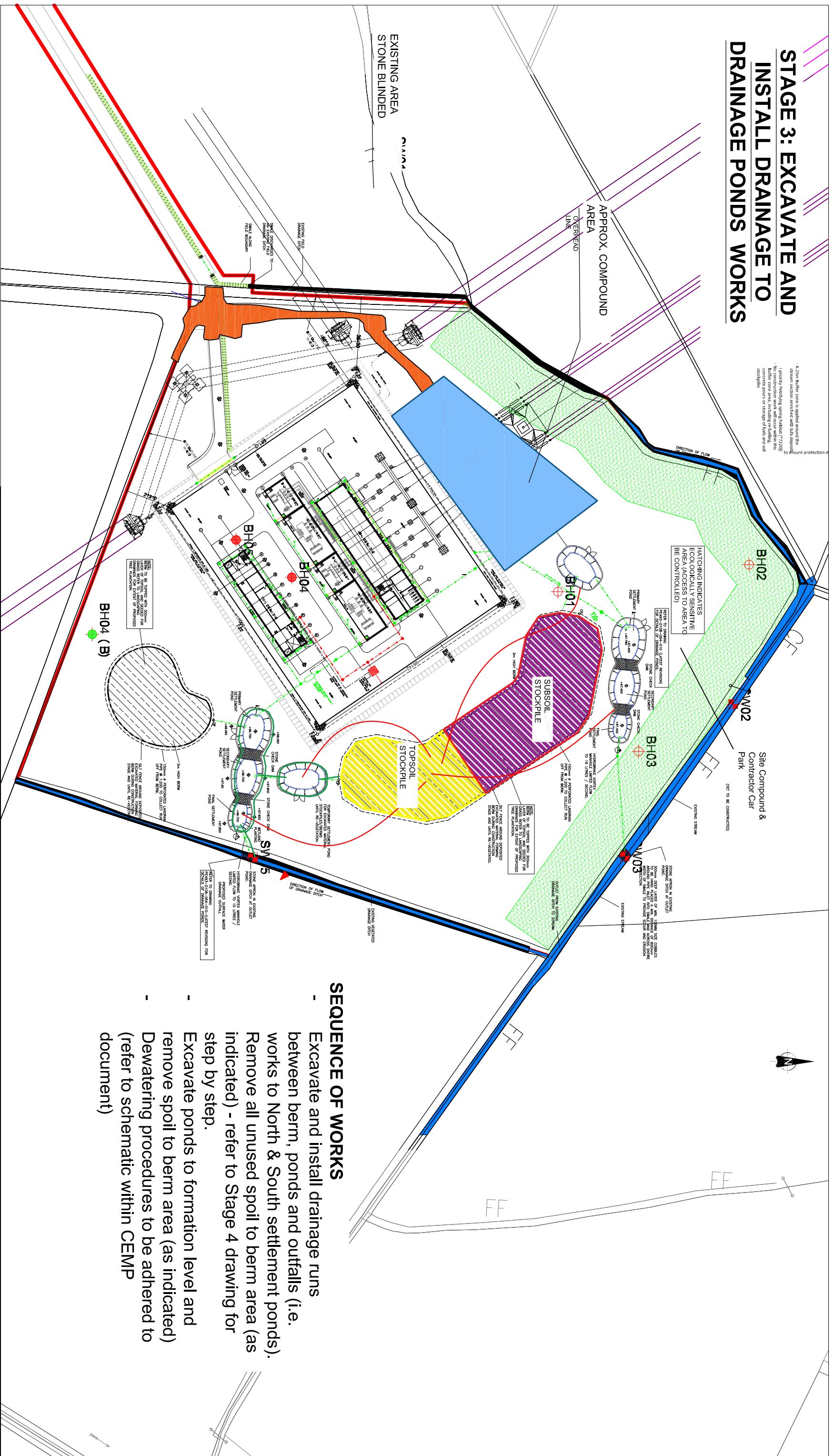
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# STAGE 3: EXCAVATE AND INSTALL DRAINAGE TO DRAINAGE PONDS WORKS

A 25m Buffer zone is applied around the stream section enclosed with data appearing in priority Planning (Spring 2024) (17/2201). No construction work will occur within this buffer zone. The buffer zone will be defined by concrete posts or storage of fields and soil stockpiles.



## SEQUENCE OF WORKS

- Excavate and install drainage runs between berm, ponds and outfalls (i.e. works to North & South settlement ponds).
- Remove all unused spoil to berm area (as indicated) - refer to Stage 4 drawing for step by step.
- Excavate ponds to formation level and remove spoil to berm area (as indicated)
- Dewatering procedures to be adhered to (refer to schematic within CEMP document)

KEY PLAN

EARTH MOVING PLAN

## REVISIONS

NO.	BY	DATE	DESCRIPTION

PROJECT COORDINATOR  
COLLAOIS

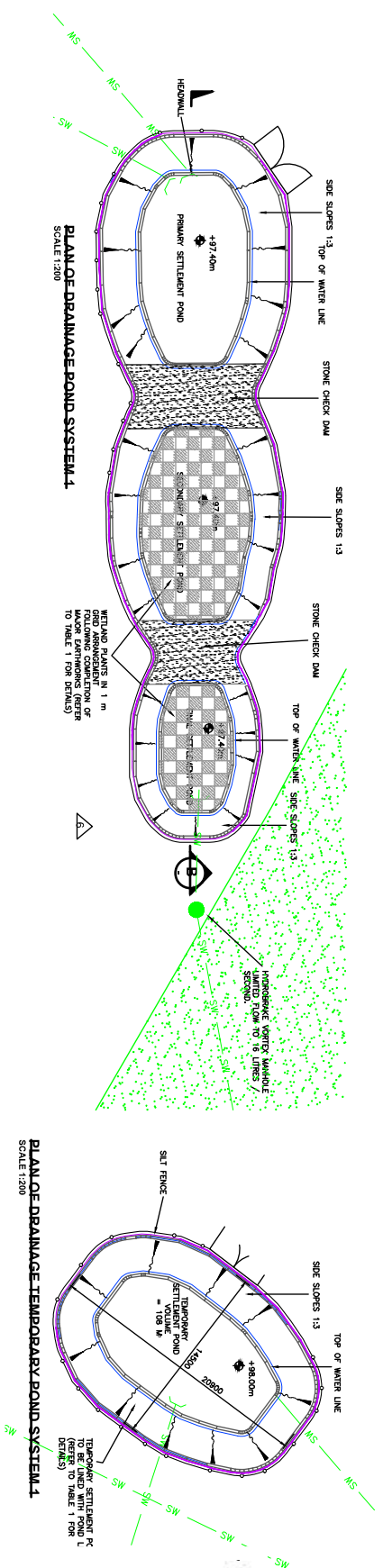
Drafted : TU Date : 30/08/23

Email: tomasz.urbaniski@kiwex.ie

Checked : Date :

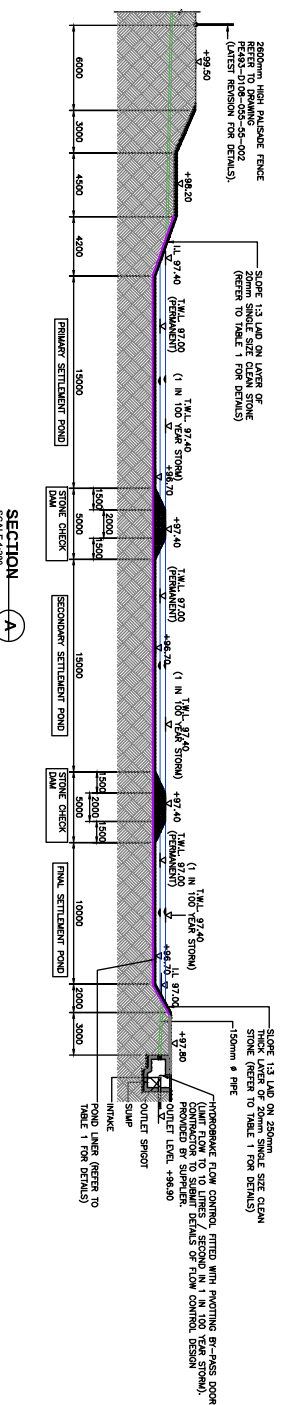
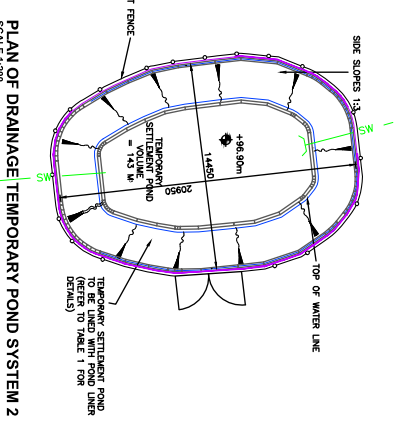
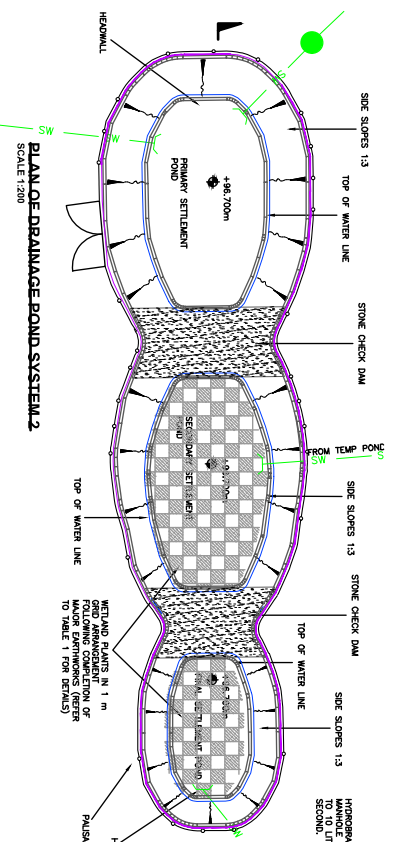
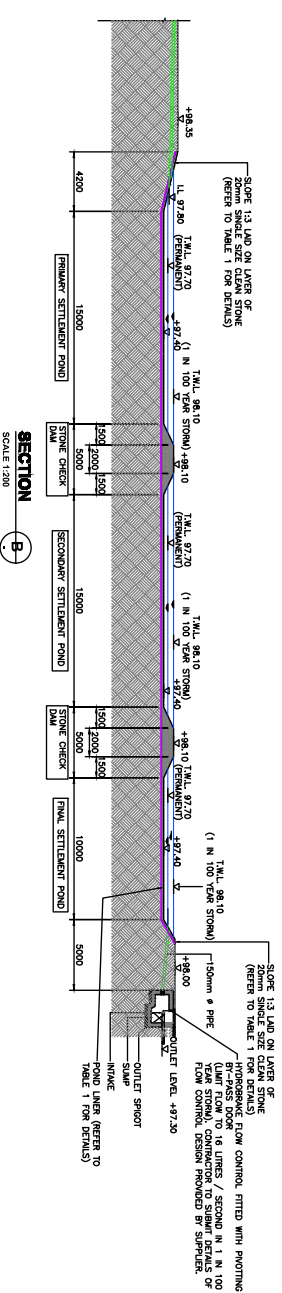


# STAGE 4: DRAINAGE POND SYSTEM BECOMES OPERATIONAL



## SEQUENCE OF WORKS

- Excavate & install pipe work from watercourse to hydro brake MH
- Construct precast MH with hydro brake
- Excavate and install drainage run from hydro brake MH to final settlement pond
- Excavate to formation levels of drainage ponds and dispose of excavated material in berm area.
- Install impermeable HDPE liner & stone in accordance with drawing number PE493-D108-054-010-007
- Excavate and install pipe work to temporary pond
- Excavate to formation levels of temporary drainage pond and dispose of excavated material in berm area.
- Connect pond system to stone apron area in watercourse outlet PtSW03 as per drawing no. PE493-D108-054-010-007
- Dewatering procedures to be adhered to (refer to details and schematic within CEMP document)



1. All levels are in meters related to Ordnance datum Malin Head OSGM15
2. All co-ordinates are related to Irish Transverse Mercator Grid (ITM) and are in meters
3. Drawings are not to be scaled

## REVISIONS

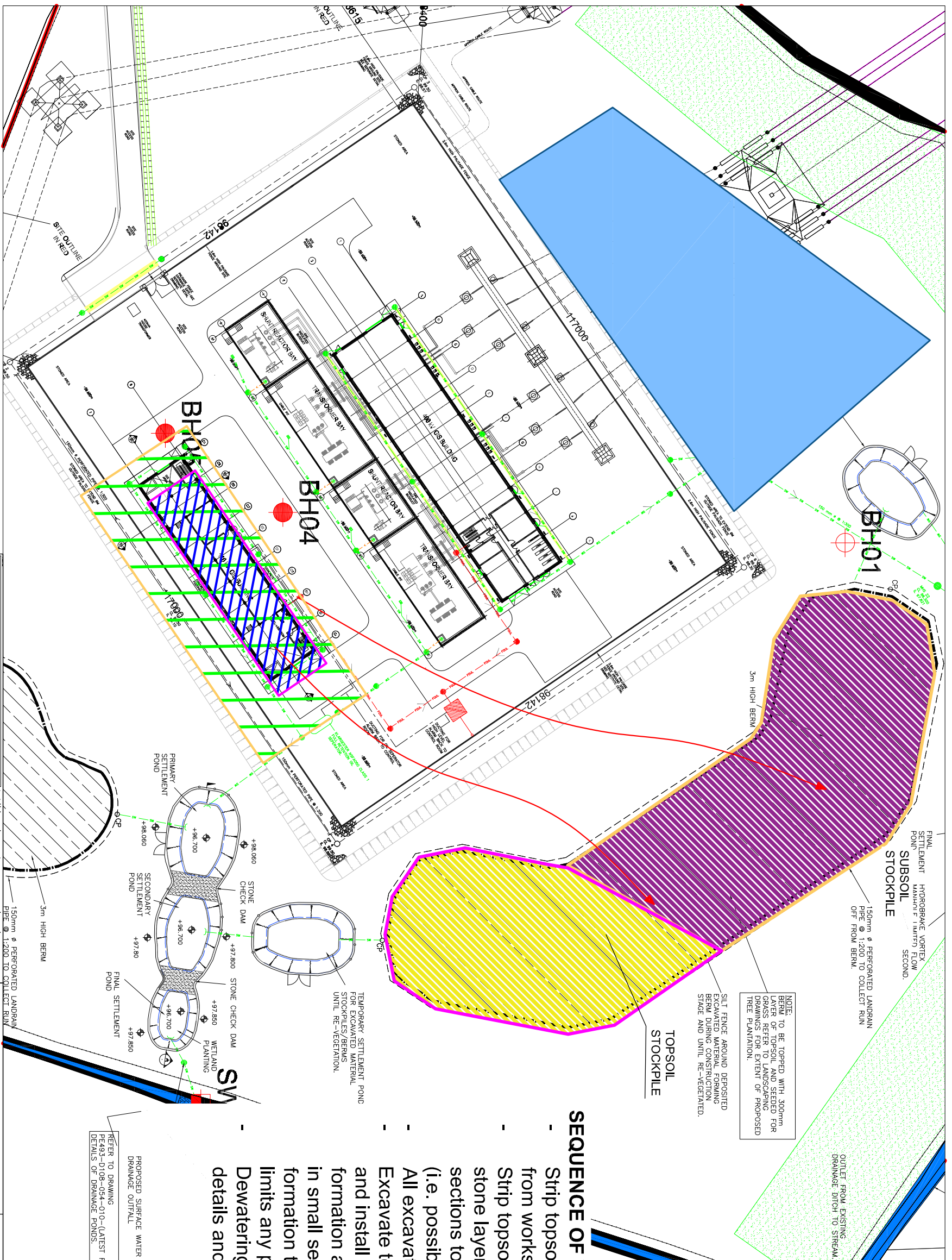
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 CO: LAOIS  
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 Checked: Date:





# STAGE 5: 110KV BUILDING FOOTPRINT EXCAVATION WORKS



## SEQUENCE OF WORKS

- Strip topsoil and stone up proposed haul routes from works area (green hatch) to berm area.
- Strip topsoil to green hatched area and install stone layer. Note:- strip and stone areas in small sections to limit exposure of formation to elements (i.e. possible rainfall)
- All excavated spoil to be removed to berm area
- Excavate to formation of 110KV building footprint and install stone buildup. Note: Excavate to formation and importing of stone will be carried out in small sections. This will limit exposure of formation to elements (i.e. possible rainfall) and limits any possible exposure to groundwater
- Dewatering procedures to be adhered to (refer to details and schematic within CEMP document)

PROPOSED SURFACE WATER DRAINAGE OUTFALL  
REFER TO DRAWING PE493-D108-054-010-(LATEST REVISION) FOR DETAILS OF DRAINAGE PONDS.

1. All levels are in meters related to Ordnance datum Malin Head OSGM15
2. All co-ordinates are related to Irish Transverse Mercator Grid (ITM) and are in meters
3. Drawings are not to be scaled

## REVISIONS

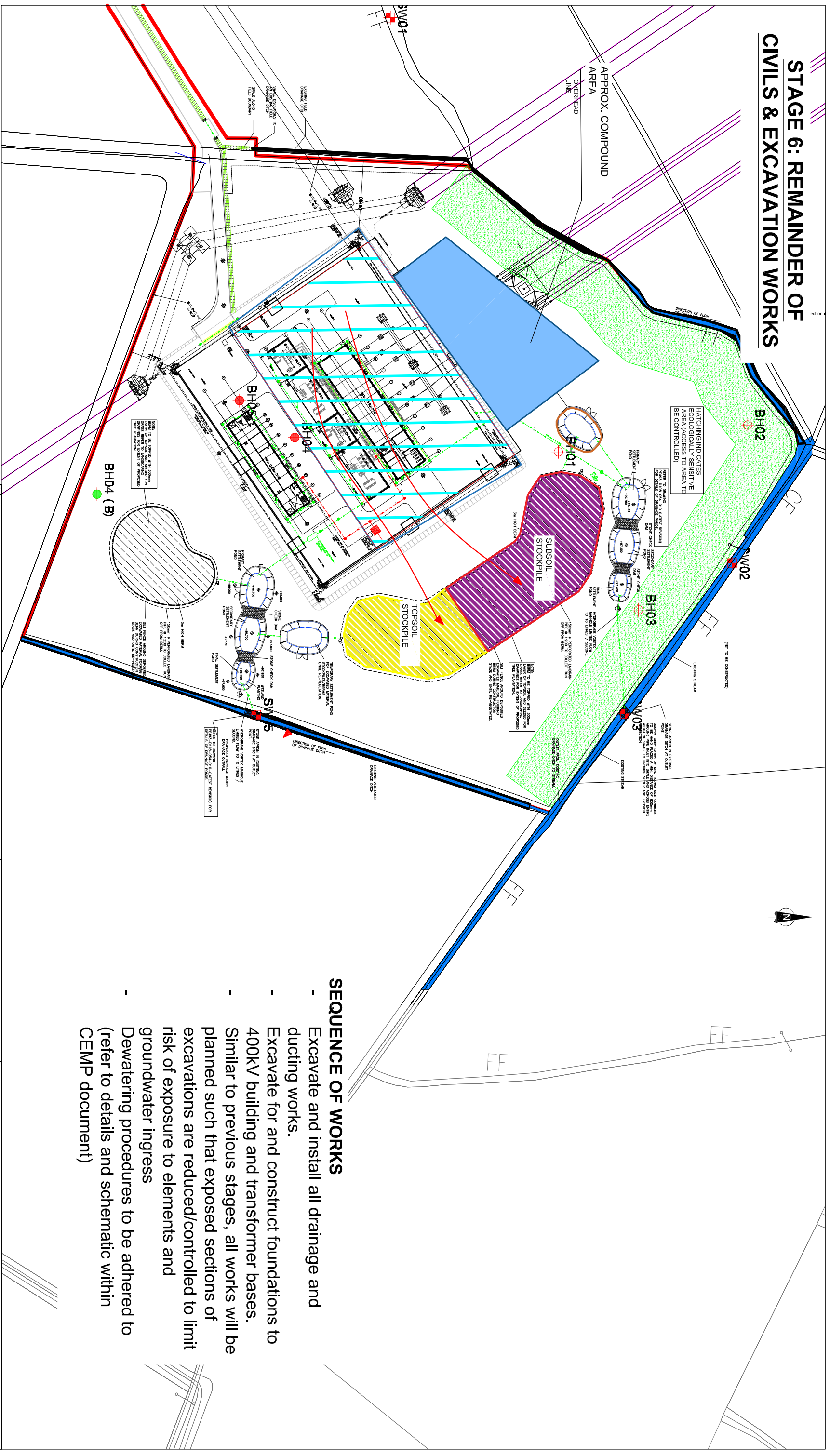
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Checked : Date :



# STAGE 6: REMAINDER OF CIVILS & EXCAVATION WORKS



## SEQUENCE OF WORKS

- Excavate and install all drainage and ducting works.
- Excavate for and construct foundations to 400kV building and transformer bases. Similar to previous stages, all works will be planned such that exposed sections of excavations are reduced/controlled to limit risk of exposure to elements and groundwater ingress
- Dewatering procedures to be adhered to (refer to details and schematic within CEMP document)

REF PLAN

EART MOVING PLAN

## REVISIONS

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