



IMPORTANT

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING SIGNIFICANT RISKS TO HEALTH, SAFETY & ENVIRONMENT

THE SIGNIFICANT RISKS ASSOCIATED WITH THE PROJECT ARE NOTED BELOW

REF:

1

2

3

DEEP WATER PRESENT IN ATTENUATION BASINS DURING PEAK RAINFALL EVENTS.

DEEP DRAINAGE PIPE AND CHAMBERS PRESENT DUE TO EXISTING GROUND TOPOGRAPHY.

GROUNDWATER PRESENT AT ROCK CUT AT BACK OF PLATFORM AREA.

REFERENCE RESIDUAL RISK LOG FOR FURTHER DETAILS
REF: LT459-SWE-XX-XX-T-V-0001

IT IS ASSUMED THAT ALL WORKS SHALL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING WHERE APPROPRIATE TO AN APPROVED SAFE SYSTEM OF WORK

NOTES

- DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT INFORMATION.
- ALL DATUM LEVELS ARE IN METRES AND DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- NOT ALL PIPE REFERENCES ARE SHOWN ON THE LAYOUT PLAN FOR CLARITY.
- REFER TO DRAWINGS LT459-SWE-XX-XX-D-X-0507, LT459-SWE-XX-XX-D-X-0508 AND LT459-SWE-XX-XX-D-X-0509 FOR THE DRAINAGE LAYOUT OF THE OTHER AREAS OF THE SUB-STATION AND SURROUNDING LAND.

KEY TO DRAWING

SITE RED LINE BOUNDARY

FILTER DRAIN

CARRIER DRAIN

DRAINAGE SWALE

CUT-OFF DITCH

ROUTE OF EXISTING DRAINAGE FEATURE

OILY WATER CARRIER DRAIN

RAINWATER HARVESTING WATER CARRIER DRAIN

DRAINAGE CHAMBER

HEADWALL

TRAPPED GULLY

FLOW DIRECTION ARROW

GRANULAR PLATFORM AREA USED FOR ATTENUATION

HVDC - 1.000

CONVERTOR STATION CATCHMENT PIPE REFERENCE

BREAK POINT IN DRAINAGE NETWORK

ATTENUATION EXCEEDANCE ROUTE

CONVERTOR STATION AREA

SUB-STATION AREA

P06	28/01/2025	ACCESS ROAD UPDATED	RL	SG	CB
P05	20/08/2024	FINAL LAYOUT	RL	SG	CB
P04	19/04/2024	DESIGN FIX 2C	RL	SG	CB
P03	06/03/2024	DESIGN FIX 2B	RL	SG	CB
P02	29/01/2023	EXCEEDANCE ROUTES ADDED	RL	SG	CB
P01	15/12/2023	DESIGN FIX A	RL	SG	CB
Rev	Date	Amendment Details	Dr'n	Chk'	App'

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Client

Project Title

**FANELLAN
400kV SWITCHING STATION AND
HVDC CONVERTOR STATION**

Drawing Title

**CONVERTOR STATION
CATCHMENT SURFACE WATER
DRAINAGE LAYOUT**

Purpose Of Issue				
PRELIMINARY				
Status	Status Description			
S5	FOR REVIEW AND ACCEPTANCE			
Drawn	Designed	Checked	Approved	
RL	RL	SG	CB	
Sheet Size	Scale	Sweco Ref	Revision	
A1	1:1000	65209842	P06	
Drawing Number				
LT459-SWE-XX-XX-D-X-0510				