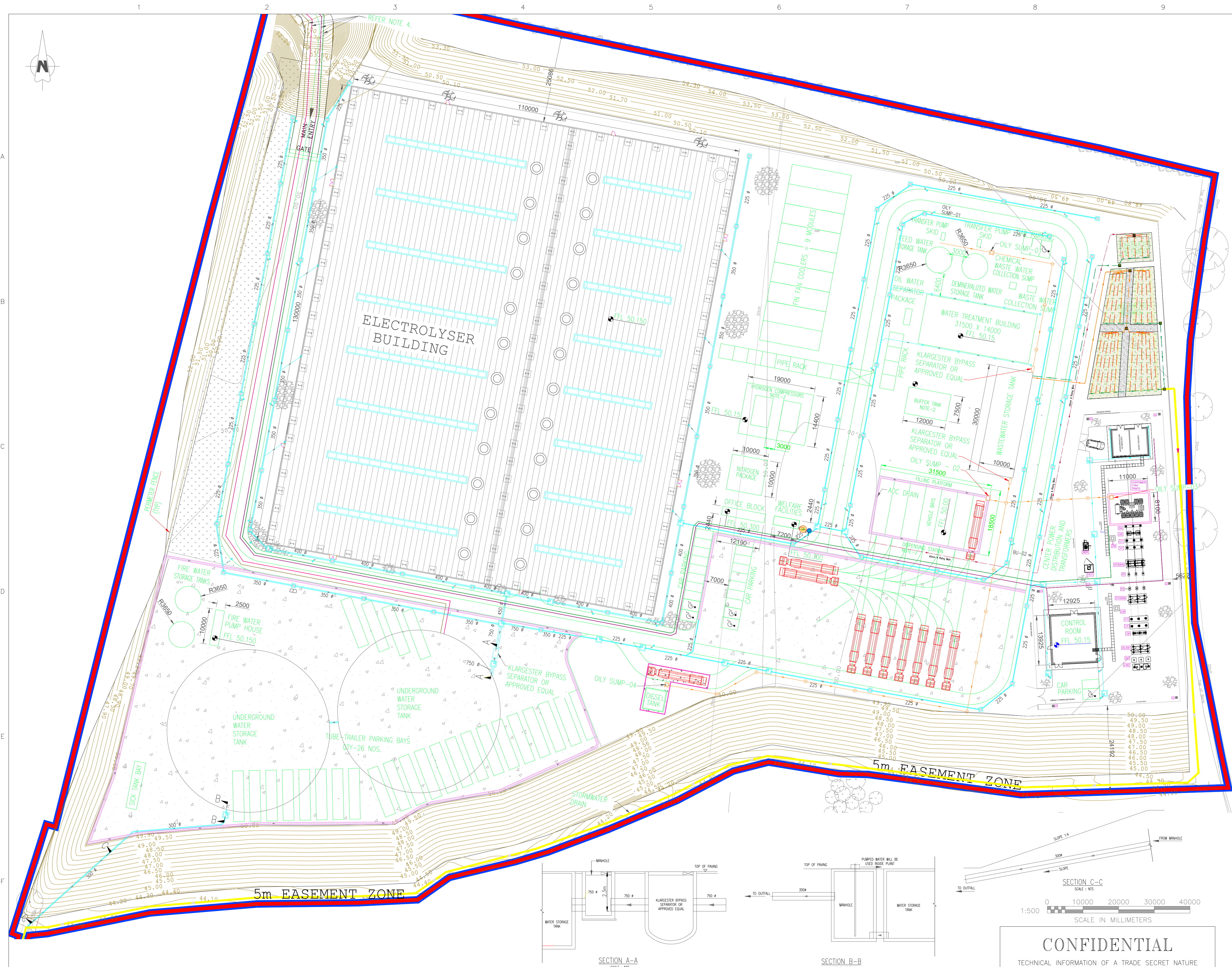




- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
 2. PRELIMINARY SEPARATION DISTANCE TO BE REVISITED DURING SUBSEQUENT PHASE OF THE PROJECT.
 3. SEPARATION DISTANCES BETWEEN BUFFER TANK & DISPENSING STATION ARE CONSIDERED WITH APPLICATION OF FIRE & GAS DETECTION ACTIVATION WHICH WILL SHUT DOWN & ISOLATE THE SYSTEM. SEPARATION DISTANCES TO BE REVISITED DURING SUBSEQUENT PHASE OF THE PROJECT.
 4. THE INDICATED ENTRY LOCATION OF WATER MAIN, 33KV ELECTRIC CABLE AND TELECOMMUNICATION CABLE IS TENTATIVE.
 5. 33KV ELECTRICAL CABLE AND TELECOMMUNICATION CABLE SHALL BE LAID IN CONCRETE DUCTBANK TO EASE FUTURE MAINTENANCE ACTIVITIES

- LEGEND:
- ASPHALT FINISH SURFACE
 - CONCRETE FINISH SURFACE
 - GRAVEL FINISH SURFACE
 - GRASS FINISH SURFACE
 - FFL XX.XX FINISH FLOOR LEVEL
 - GALVANIZED PALISADE SECURITY FENCE, SILVER.
 - PROPERTY BOUNDARY LINE
 - SUBSURFACE STRUCTURES
 - DISABLED PARKING SPACE
 - STORM WATER PIPES
 - WATER MAIN
 - 33KV CABLE TOWARDS SUBSTATION (LAID IN DUCTBANK)
 - TELECOMMUNICATION CABLE (LAID IN DUCTBANK)
 - GRAVITY SANITARY SEWER
 - GRAVITY AOC SERVICE
 - GROUND WATER PIPELINE
 - AOC DRAIN
 - BUNDED WALL
 - DISCHARGE CHANNEL
 - OUTFLOW FROM CONSTRUCTED WETLAND
 - CATCH BASINS
 - STORMWATER MANHOLES
 - GULLY TRAP
 - AOC MANHOLE
 - SEPTIC TANK
 - SANITARY SEWER SYSTEM MANHOLE

Co. Sligo
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
B	14/MAR/2024	AMENDMENTS TO CONSTRUCTED WETLANDS AND OUTFALL CHANNEL	NSK	SAM	BS	-	AG
A	23/JUN/2023	ISSUED FOR FINAL	NSK	SAM	BS	-	AG

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BLACK & VEATCH

ENGINEER: SAM
DRAWN: NSK
CHECKED: -
DATE: 13/MAR/2024

MERCURY HYDROGEN PROJECT PHASE 2
FIRLOUGH GREEN HYDROGEN FACILITY
UTILITIES LAYOUT

PROJECT	DRAWING NUMBER	REV
410135-1000-G3000	B	
CLIENT DRAWING NUMBER	CLIENT REV	
-	-	