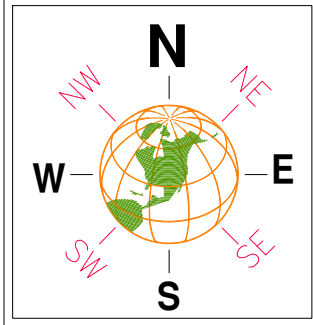
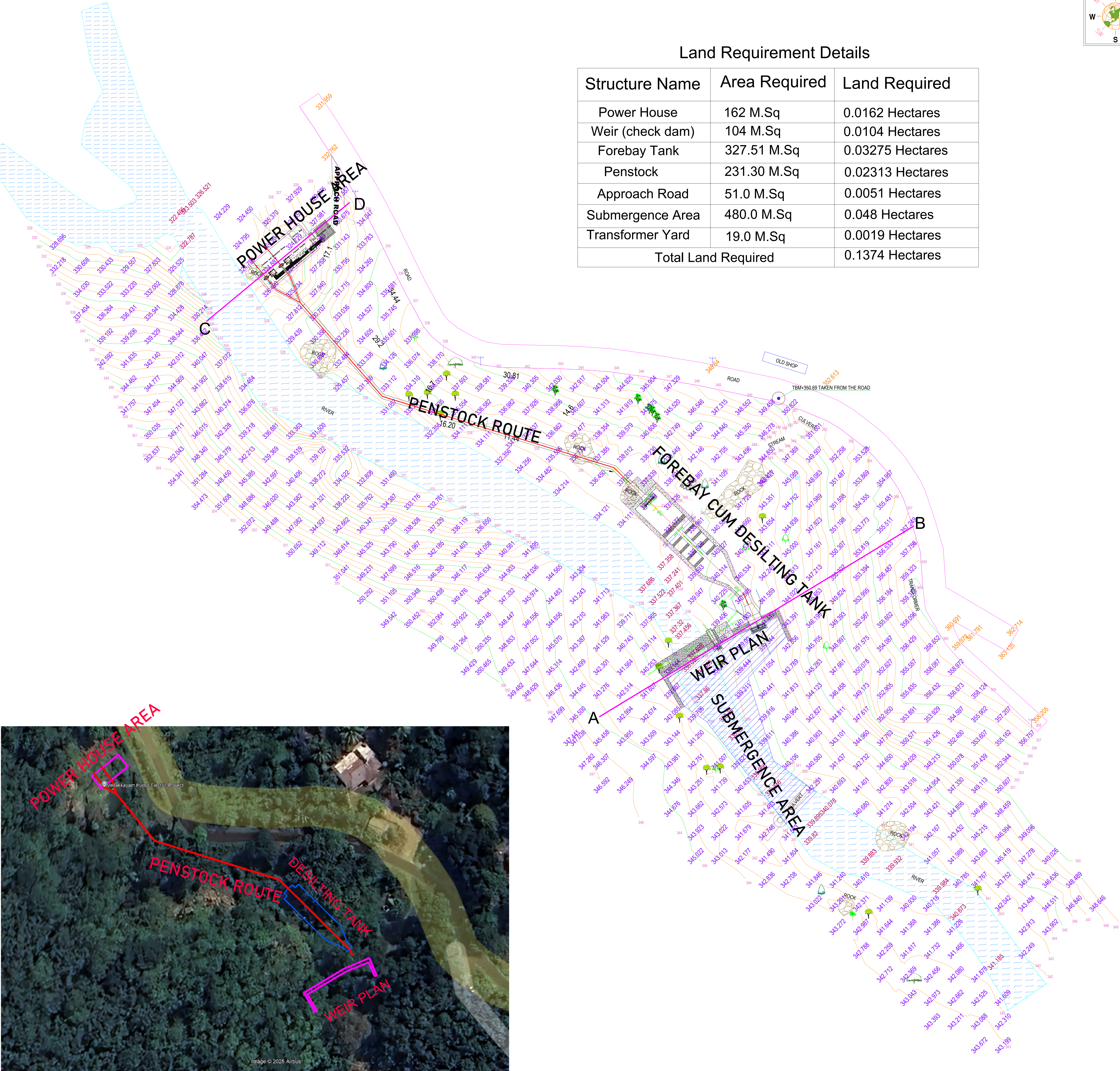




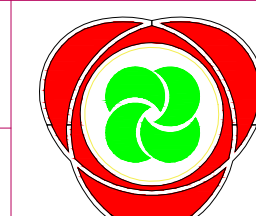
Land Requirement Details

Structure Name	Area Required	Land Required
Power House	162 M.Sq	0.0162 Hectares
Weir (check dam)	104 M.Sq	0.0104 Hectares
Forebay Tank	327.51 M.Sq	0.03275 Hectares
Penstock	231.30 M.Sq	0.02313 Hectares
Approach Road	51.0 M.Sq	0.0051 Hectares
Submergence Area	480.0 M.Sq	0.048 Hectares
Transformer Yard	19.0 M.Sq	0.0019 Hectares
Total Land Required		0.1374 Hectares



LEGEND:-			
COCONUT TREE		OTHER TREES	
TEAK TREE		ELECTRIC POST	
ANJILY TREE			
MANGO TREE		POSITION OF TREES ARE	
JACK TREE		BOTTOM	
		CENTRE OF SYMBOLS	

Surveyed AREA= 3Acres 50 Cents
ALL DIMENSIONS ARE IN METRE
GRID INTERVAL 5MX5M
CONTOUR INTERVAL 1M

**HYDRO TECH
ENGINEERING** CONSULTANT

ENGINEERING DESIGNING AND PREPARED BY

WGS84 UTM COORDINATE
WITH
CONTOUR MAP

SITE AT:-
VELLAKAYAM MICRO
HYDRO ELECTRIC
PROJECT

No	Revision	By	Date	Surveyed by	AKASH,IVIN	Drg No. 1
				Drawn by	ASWATHY	Scale:Fit to paper
				Checked by	SHAIJU	Date : 28 AUG 2025
				Approved by	BASIL	Project. GS 7051

SURVEYED BY:-

**LAN-DEC**

INFRASTRUCTURE DESIGN & CONSULTANTS
SATELLITE & DIGITAL LAND SURVEYORS
SOIL TESTING & FOUNDATION ENGINEERING