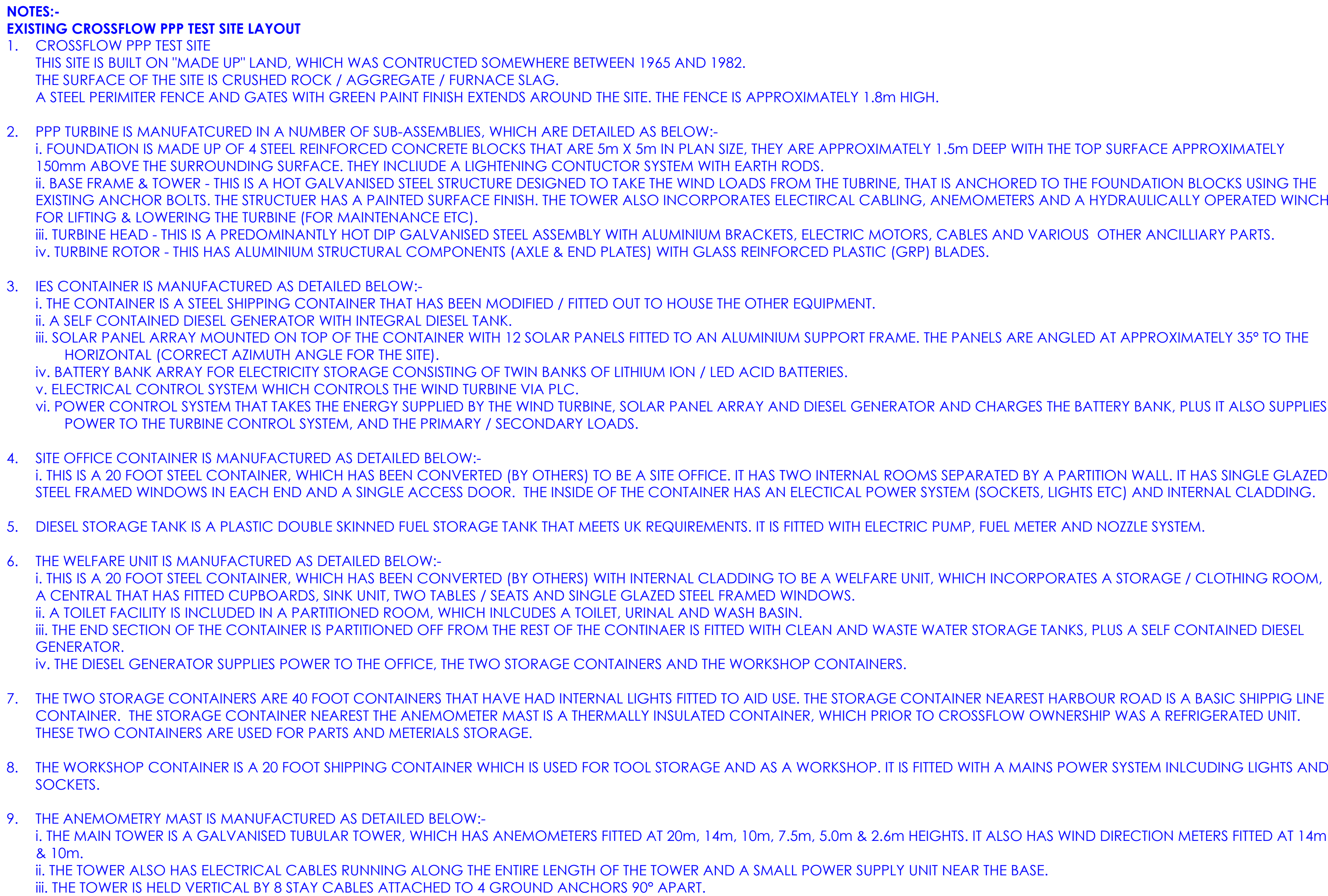




1. FOUNDATION IS A STEEL REINFORCED CONCRETE STRUCTURE THAT IS BURIED IN THE GROUND WITH ONLY THE TOP SHOWING. THE MAIN PAD IS APPROXIMATELY 6.0m IN DIAMETER AND 1.0m DEEP, THE FINAL DIMENSIONS HAVE YET TO BE CONFIRMED (STILL UNDER CALCULATION). THIS FOUNDATION WILL ALSO INCLUDE
2. THE TURBINE WINCH IS AN ELECTRIC WINCH WITH THE NECESSARY SAFETY FEATURES TO ENSURE SAFE OPERATION OF THE TURBINE VERTICAL CONTROL. THE WINCH IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. PAINT COATED STEEL COMPONENTS.
 - ii. ELECTRIC MOTOR WITH ELECTRICAL ACCESSORIES.
 - iii. GALVANISED STEEL CABLES.
3. THE POWER SYSTEM IS A CONTAINERISED SYSTEM WITH INTEGRAL SOLAR ARRAY. THE SYSTEM IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. GALVANISED SKID BASE AND PV ARRAY SUPPORTS.
 - ii. STANDARD SOLAR ARRAY PANELS.
 - iii. COATED STEEL ELECTRICAL ENCLOSURES.
 - iv. INTERNAL LITHIUM ION / LEAD ACID BATTERY BANK.
 - v. INTERNAL BACK-UP DIESEL GENERATOR.
 - vi. ANCILLIARY ELECTRICAL COMPONENTS.
4. THE STRUCTURAL STEEL TOWER IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. STRUCTURAL STEEL TUBES, WITH PLATE FLANGES AND ANCILLIARY PIECES.
 - ii. HOT DIP GALVANISED COATING FOR CORROSION RESISTANCE.
 - iii. INTERNAL ELECTRICAL CABLES AND ROUTING FOR WINCH CABLES.
5. THE TURBINE HEAD IS A STRUCTURAL STEEL FRAME WITH BEARINGS TO ALLOW TURBINE YAW AND ROTOR ROTATION. THE TURBINE HEAD IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. GALVANISED STEEL COMPONENTS.
 - ii. ALUMINIUM SHEET COMPONENTS.
 - iii. VARIOUS ELECTRICAL COMPONENTS SUCH AS CABLES, MOTORS ETC.
6. THE TURBINE ROTORS ARE MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. THE AXLE AND END PLATES ARE ALUMINIUM COMPONENTS.
 - ii. THE BLADES ARE GLASS REINFORCED PLASTIC (GRP).
7. THE TOWER SOLAR ARRAY IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. THE STRUCTURAL FRAME IS GALVANISED STEEL.
 - ii. THE SOLAR PANELS ARE CIRCULAR SOLAR PANELS.
 - iii. ANCILLIARY ELECTRICAL COMPONENTS SUCH AS CABLES, ANEMOMETERS ETC.
8. THE TELECOMS HEAD IS MANUFACTURED FROM THE FOLLOWING MATERIALS:-
 - i. GALVANISED STEEL STRUCTURAL FRAME.
 - ii. VARIOUS TRANSMITTERS, RECEIVERS AND BACKHAUL LINK SYSTEMS.
 - iii. VARIOUS ELECTRICAL CABLES.

[illegible]