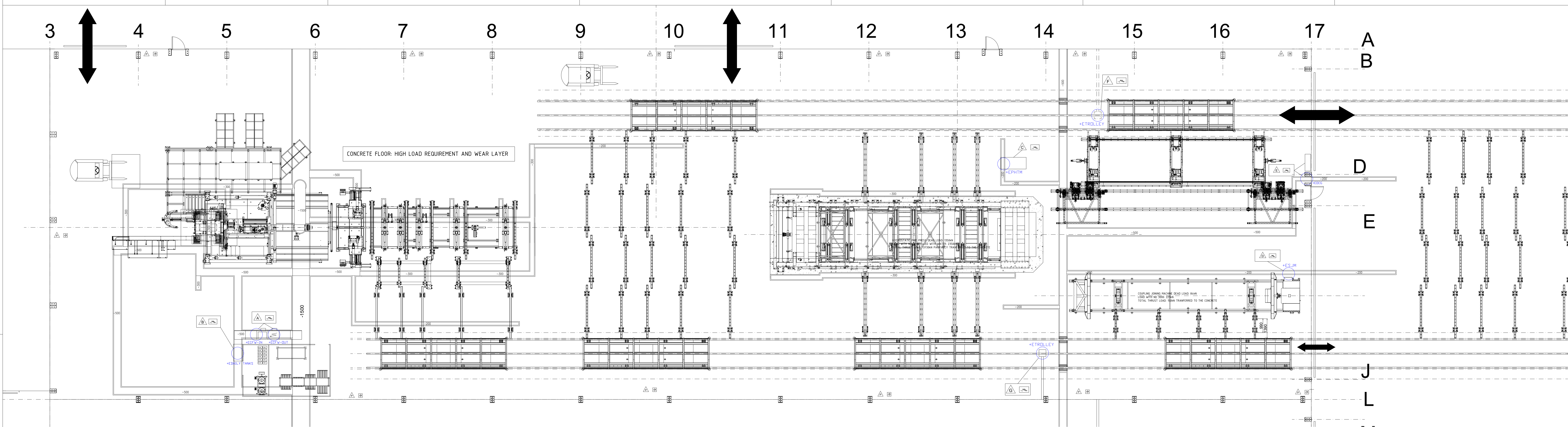
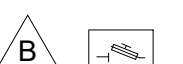




This drawing indicates the consumption data of the TOPFIBRA machines.
The complete planning of the plant (HPUSA's scope of supply) should take all the installed equipment into account.
The label  indicates the power points where connecting up will take place during installation.
All the machines indicated in the table below will be fed individually with appropriate protection.

SYMBOLS							
MACHINE	EFW Continuous Filament Winding Machine ND 300-3000	Daily tanks	Hydrotester machine for pipe ND 300-3000	Coupling joining machine ND 300-3000	Off-line Cutting and Grinding Machine ND 300-3000	Trolley 1	Trolley 2
VOLTAGE	480 V	480 V	480 V	480 V	480 V	480 V	480 V
POWER	290 KW	19 KW	52 kW	6 kW	21 kW	9 kW	9 kW
FREQUENCY	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
PF	0,79	0,71	0,75	0,74	0,73	0,75	0,75

A	EFW MAIN PANEL - An entry line for the main and out line for an external UPS. Additional cable length of 800mm from the floor is needed.
B	DAILY RESIN MIXER PANEL - Panel is mounted on the wall. Additional cable length of 1.800mm from the floor level is needed.
C	PIPE HYDROTESTER PANEL - Panel is alongside the machine. Additional cable length of 2.000mm from the floor level is needed.
D	COUPLING JOINING MACHINE PANEL - Panel is mounted on the machine side. Additional cable length of 1.800mm from the floor is needed.
E	OFF-LINE CUTTING & GRINDING MACHINE PANEL - Panel is alongside the machine, next to the wall. Additional cable length of 4.000mm from the floor level is needed.
F,G	PIPE TRANSPORTATION TROLLEY - Additional cable length of 5.000mm is needed.

