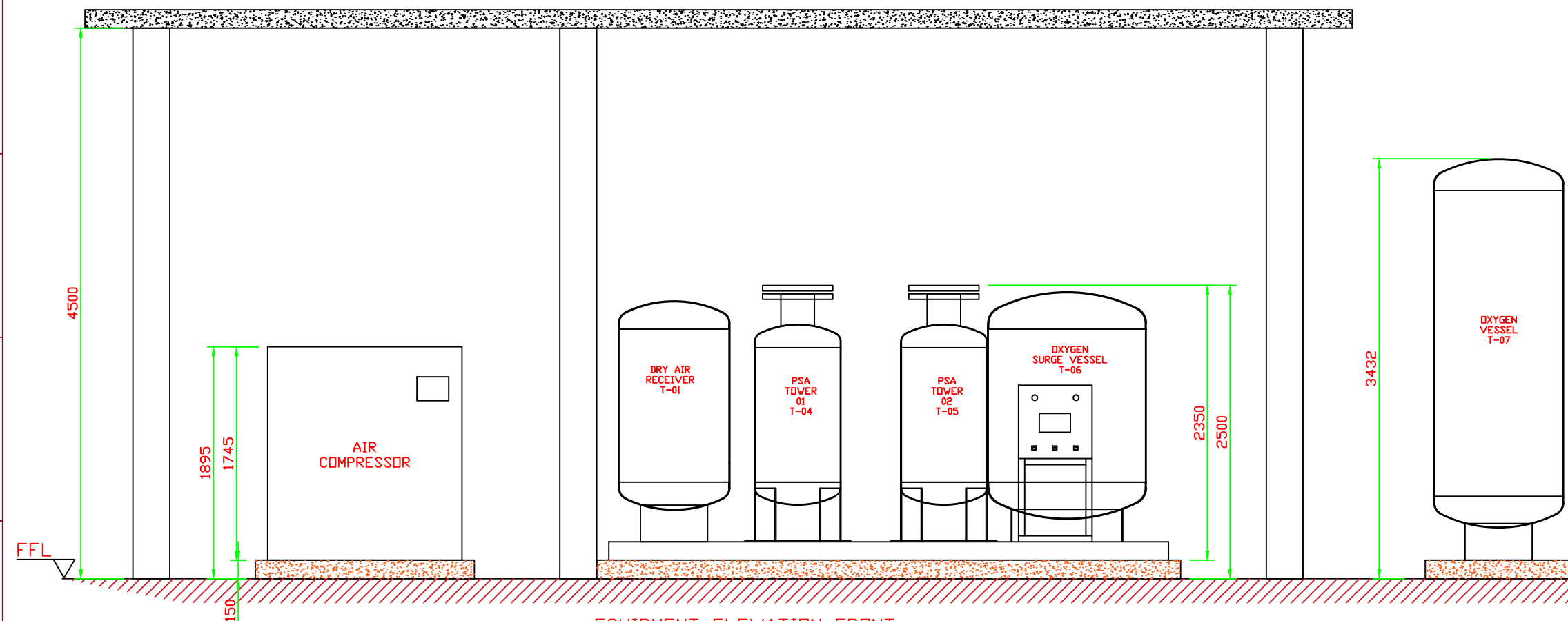


EQUIPMENT LAYOUT PLAN



EQUIPMENT ELEVATION FRONT

- Notes
- All dimensions are in mm unless otherwise specified.
  - A clear space as marked shall be left all around the plant for maintenance of operating personnel.
  - Loads are equally distributed on foundation block, there is no unbalance force.
  - Foundation must be checked by civil experts as per local soil condition.
  - All foundation bolts shall be grouted only after fixing the base frame or Vessels.
  - Cable entry and exit shall be from bottom of panel.
  - Total Plant Area required : 9.6 M x 4.4 M
  - Shed for Air Compressor & PSA Skid shall be provided by client.
  - All instruments are at approachable height , so no need of intermediate top platform.

Description	Size	Weight in kg	
		Empty	Operating
1. Air Compressor	1590 L x 1030 D x 1745 H	1000	1000
2. Ref. Dryer	1025 L x 660 D x 1120 H	130	130
3. Dry Air Receiver	ID 900 x 2000 OH x 6/8 Thk.	365	365
4. Pre-Filter	Manufacture Std	15	15
5. A.C. Filter	Manufacture Std	15	15
6. Alumina Tower 01	450 NB x 1350 OH x 6/6 Thk	150	310
6. Alumina Tower 02	450 NB x 1350 OH x 6/6 Thk	150	310
6. PSA Tower 01	ID 695 x 2100 OH x 6/6 Thk	350	980
6. PSA Tower 02	ID 695 x 2100 OH x 6/6 Thk	350	980
7. Surge Vessel	ID 1285 x 2050 OH x 6/8 Thk	610	610
8. O2 Storage Vessel	ID 1050 x 3300 OH x 6/8 Thk	625	625

APPROVAL STATUS

APP: Approved

RWC: Reviewed with comments

Rej: Rejected

For Information Only

REV.	DATE	DESCRIPTION	DRN	CHKD	APP'D
A	12.6.18	ISSUED FOR APPROVAL	NTS	VP	RJ

PROJECT TITLE: BHEL R&D (HYDERABAD)

CLIENT: **BHARAT HEAVY ELECTRICALS LIMITED**  
CORPORATE RESEARCH & DEVELOPMENT DIVISION  
VIKASNAGAR, HYDERABAD - 500 093 INDIA

CONTRACTOR: **SPANTECH ENGINEERS PVT. LTD.**  
NAVI MUMBAI

VENDOR: **SPANTECH ENGINEERS PVT. LTD.**  
NAVI MUMBAI

PACKAGE / ITEM NAME: OXYGEN GENERATOR PACKAGE

PO No: 84170202-1-01 Tag No: O2-25-93-3

DRAWING TITLE: EQUIPMENT LAYOUT DRAWING FOR OXYGEN GENERATOR PACKAGE

DRAWING No. : JO-18018-11

SCALE: NTS SHEET: 1 OF 1

REV  
A