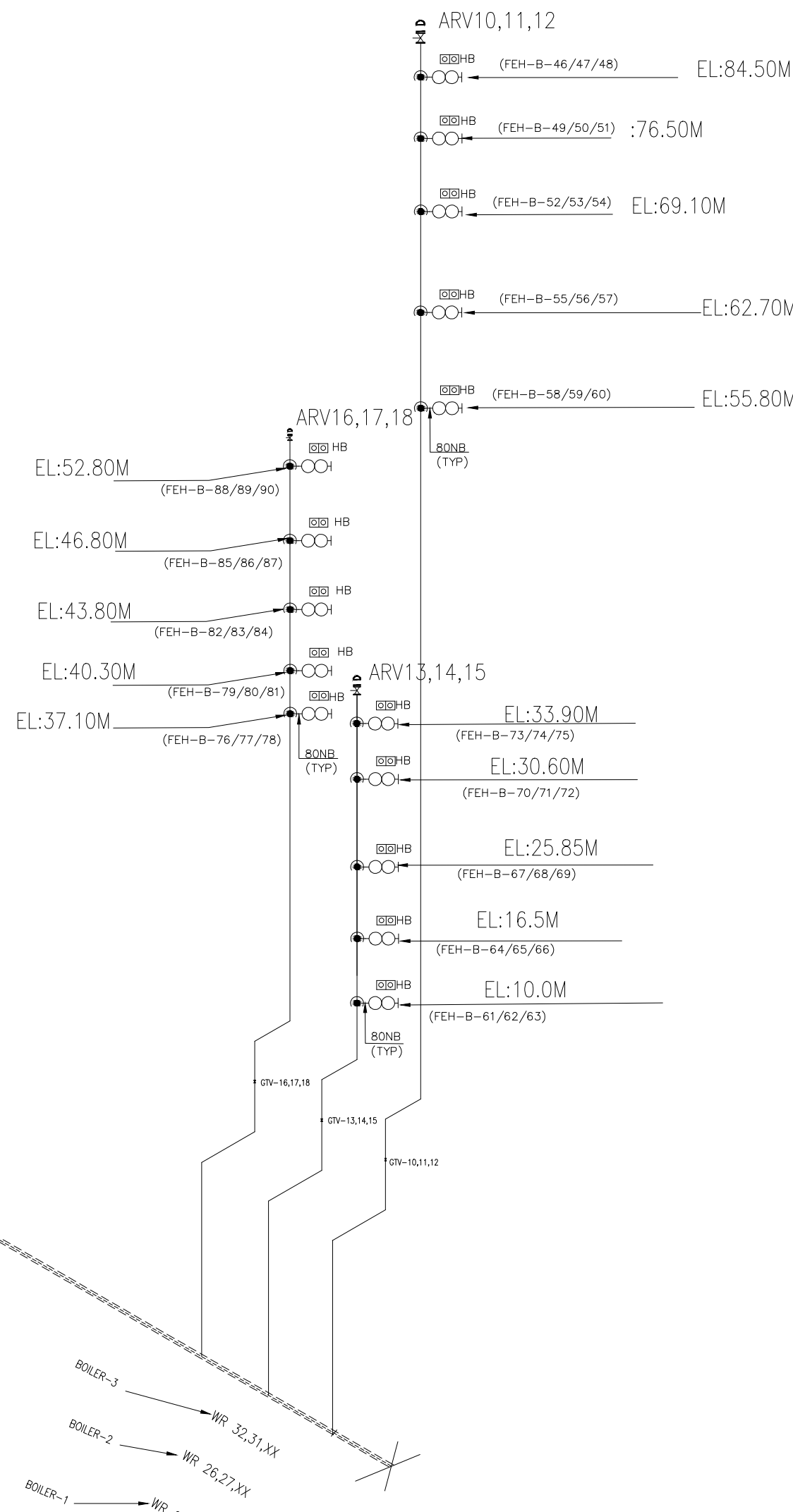
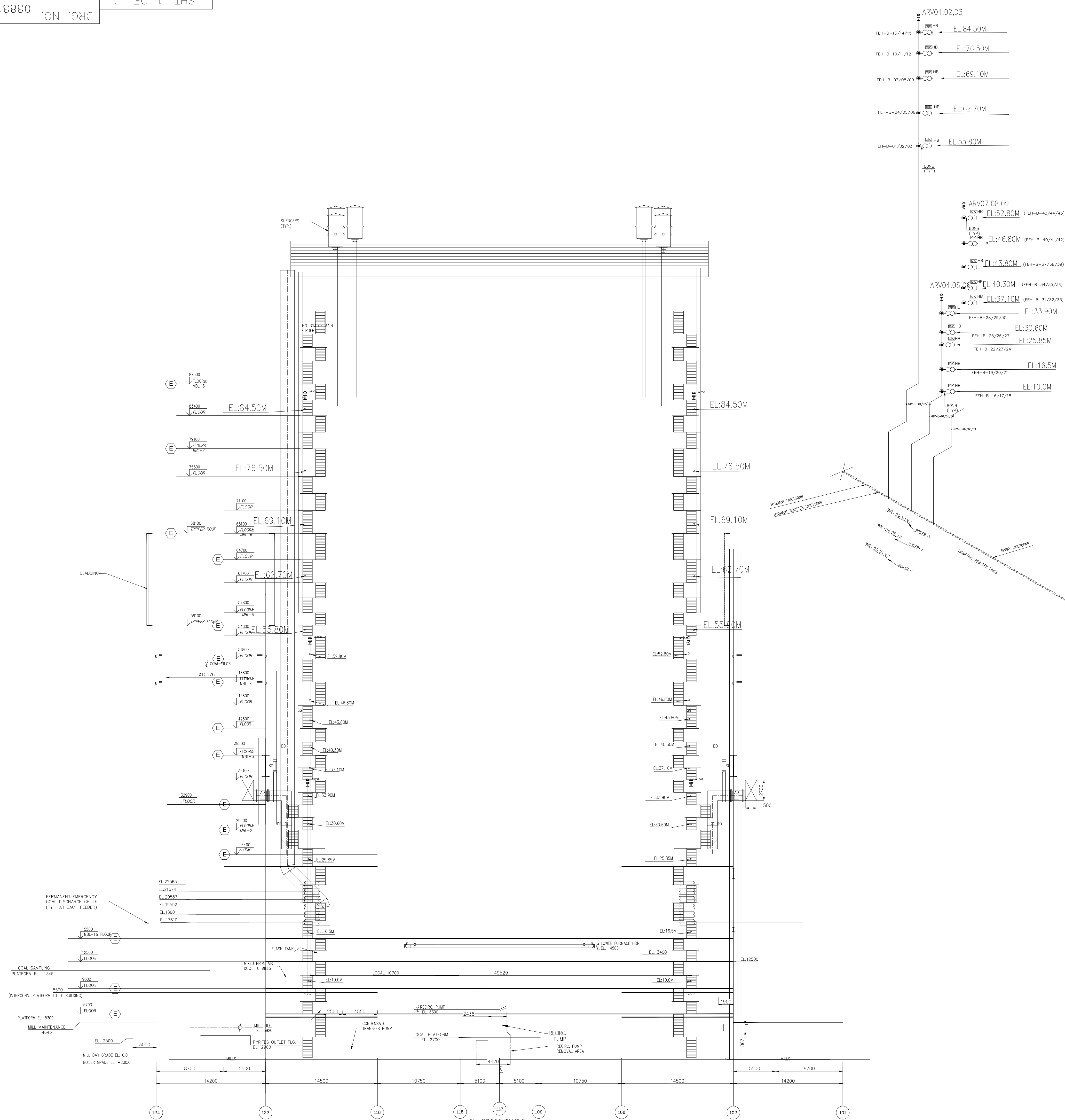








THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

[illegible]

NOTE: FEH SHOWN IS FOR ALL THREE UNIT OF BOILER

S.NO	SYMBOL	DESCRIPTION
1.		HYDRANT LINE
2.		FEH
3.		BALL VALVE
4.		AIR RELEASE VALVE
5.		GATE VALVE
6.		HOSE BOX

LEGEND: —

BILL OF MATERIAL FOR RISER--(FOR BOILER NO. 3 UNIT)					
SR.NO	NAME	SIZE (MM)	MOC	DESCRIPTION	QTY.
1	PIPE	150NB	M.S.	IS:1239--(M)(ERW--BLACK)	1050 Mtrs.
0	PIPE	80NB	M.S.	IS:1239--(M)(ERW--BLACK)	90 Mtrs.
3	SINGLE HEADED HYDRANT VALVE	63NB	S.S.	IS : 5290	90 Nos.
4	HOSE BOX (INTERNAL) (SUITABLE FOR 2x7.5M HOSE)	600*600*200mm	M.S.	16 S.W.G. WITH 3 MM THICK GLASS	90 Nos.
5	HOSE PIPE (INTERNAL)	63NBx7.5 M L.G.	-	IS : 636	90 Nos.
6	BRANCH PIPE WITH NOZZLE	63NB	S.S.	IS : 903	90 Nos.
7	GATE VALVE	150NB	C.I.	IS:14846 (NON RISING)	18 No.
8	AIR RELEASE VALVE	25NB	G.M.	-	18 No.
9	CUNMETAL VALVE	25NB	G.M.	IS: 778	18 No.



REFERENCE DRG NO:

1) COMPOSITE HYDRANT LAYOUT DRG NO. 0-383-16-00042-R01

2) GENERAL ARRANGEMENT FRONT ELEVATION "F-F" DRG NO.  
0-00-022-76756-R02

3) GENERAL ARRANGEMENT PLAN SEC "B-B" DRG NO.  
0-00-022-76709-R01

[illegible]

CUSTOMER				<div><div><div>एन टी पी सी</div><div>NTPC</div></div><div>NTPC Limited</div><div>(A GOVERNMENT OF INDIA ENTERPRISE)</div></div>																															
PROJECT				NORTH KARANPURA SUPER THERMAL POWER PROJECT (3x660MW)																															
<div><div><div>बीएसईएल</div><div></div></div><div>BHARAT HEAVY ELECTRICALS LTD. PE&amp;SD, HYDERABAD</div></div>				<table><tr><td></td><td>NAME</td><td>SIGN.</td><td>DATE</td><td>NO.OF VAR.</td></tr><tr><td>DRIN.</td><td>ALAM</td><td>~SD~</td><td>31.12.15</td><td></td></tr><tr><td>CHD.</td><td>AVIRAL</td><td>~SD~</td><td>31.12.15</td><td>N.A.</td></tr><tr><td>APPD.</td><td>AMIT</td><td>~SD~</td><td>31.12.15</td><td></td></tr></table>													NAME	SIGN.	DATE	NO.OF VAR.	DRIN.	ALAM	~SD~	31.12.15		CHD.	AVIRAL	~SD~	31.12.15	N.A.	APPD.	AMIT	~SD~	31.12.15	
	NAME	SIGN.	DATE	NO.OF VAR.																															
DRIN.	ALAM	~SD~	31.12.15																																
CHD.	AVIRAL	~SD~	31.12.15	N.A.																															
APPD.	AMIT	~SD~	31.12.15																																
DEPT. PED.	UNTOL. DIMS. OR. g/m/f		SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.				ITEM NO.	NO.OF ITEMS																									
CODE 450			N.T.S	N.A.	N.A.				N.A.	N.A.																									
TITLE				REV.																															
LAYOUT OF INTERNAL HYDRANT SYSTEM FOR BOILER				CARD CODE		BHEL DRG. NO. 0-38316-00048								REV.																					
				CUST DRG. NO.		4410-001-151-PVM-P-028																													
				SHT. NO. 01		NO. OF SHT. 01								SIZE - A0																					

