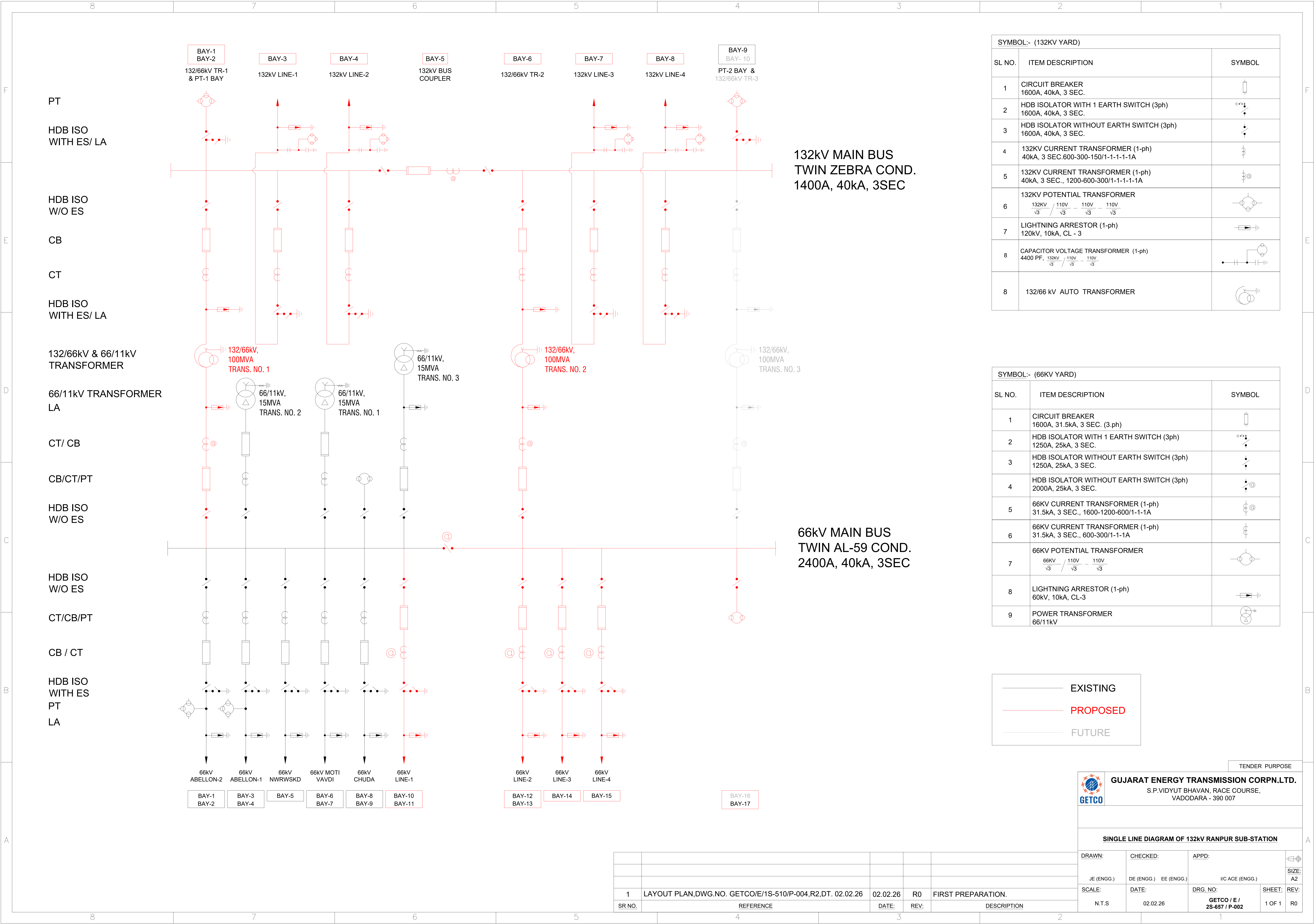




SYMBOL:- (132KV YARD)		
SL NO.	ITEM DESCRIPTION	SYMBOL
1	CIRCUIT BREAKER 1600A, 40kA, 3 SEC.	
2	HDB ISOLATOR WITH 1 EARTH SWITCH (3ph) 1600A, 40kA, 3 SEC.	
3	HDB ISOLATOR WITHOUT EARTH SWITCH (3ph) 1600A, 40kA, 3 SEC.	
4	132KV CURRENT TRANSFORMER (1-ph) 40kA, 3 SEC.600-300-150/1-1-1-1A	
5	132KV CURRENT TRANSFORMER (1-ph) 40kA, 3 SEC., 1200-600-300/1-1-1-1-1A	
6	132KV POTENTIAL TRANSFORMER $\frac{132KV}{\sqrt{3}} / \frac{110V}{\sqrt{3}} - \frac{110V}{\sqrt{3}} - \frac{110V}{\sqrt{3}}$	
7	LIGHTNING ARRESTOR (1-ph) 120kV, 10kA, CL - 3	
8	CAPACITOR VOLTAGE TRANSFORMER (1-ph) 4400 PF, $\frac{132KV}{\sqrt{3}} / \frac{110V}{\sqrt{3}} - \frac{110V}{\sqrt{3}}$	
8	132/66 kV AUTO TRANSFORMER	

SYMBOL:- (66KV YARD)		
SL NO.	ITEM DESCRIPTION	SYMBOL
1	CIRCUIT BREAKER 1600A, 31.5kA, 3 SEC. (3.ph)	
2	HDB ISOLATOR WITH 1 EARTH SWITCH (3ph) 1250A, 25kA, 3 SEC.	
3	HDB ISOLATOR WITHOUT EARTH SWITCH (3ph) 1250A, 25kA, 3 SEC.	
4	HDB ISOLATOR WITHOUT EARTH SWITCH (3ph) 2000A, 25kA, 3 SEC.	
5	66KV CURRENT TRANSFORMER (1-ph) 31.5kA, 3 SEC., 1600-1200-600/1-1-1A	
6	66KV CURRENT TRANSFORMER (1-ph) 31.5kA, 3 SEC., 600-300/1-1-1A	
7	66KV POTENTIAL TRANSFORMER $\frac{66KV}{\sqrt{3}} / \frac{110V}{\sqrt{3}} - \frac{110V}{\sqrt{3}}$	
8	LIGHTNING ARRESTOR (1-ph) 60kV, 10kA, CL-3	
9	POWER TRANSFORMER 66/11kV	

EXISTING

PROPOSED

FUTURE

GUJARAT ENERGY TRANSMISSION CORPN.LTD.
S.P.VIDYUT BHAVAN, RACE COURSE,
VADODARA - 390 007

SINGLE LINE DIAGRAM OF 132KV RANPUR SUB-STATION

DRAWN:	CHECKED:	APPD:	
JE (ENGG.)	DE (ENGG.) EE (ENGG.)	I/C ACE (ENGG.)	SIZE: A2
SCALE:	DATE:	DRG. NO:	SHEET: REV:
N.T.S	02.02.26	GETCO / E / 2S-657 / P-002	1 OF 1 R0

1	LAYOUT PLAN,DWG.NO. GETCO/E/1S-510/P-004,R2,DT. 02.02.26	02.02.26	R0	FIRST PREPARATION.
SR NO.	REFERENCE	DATE:	REV:	DESCRIPTION