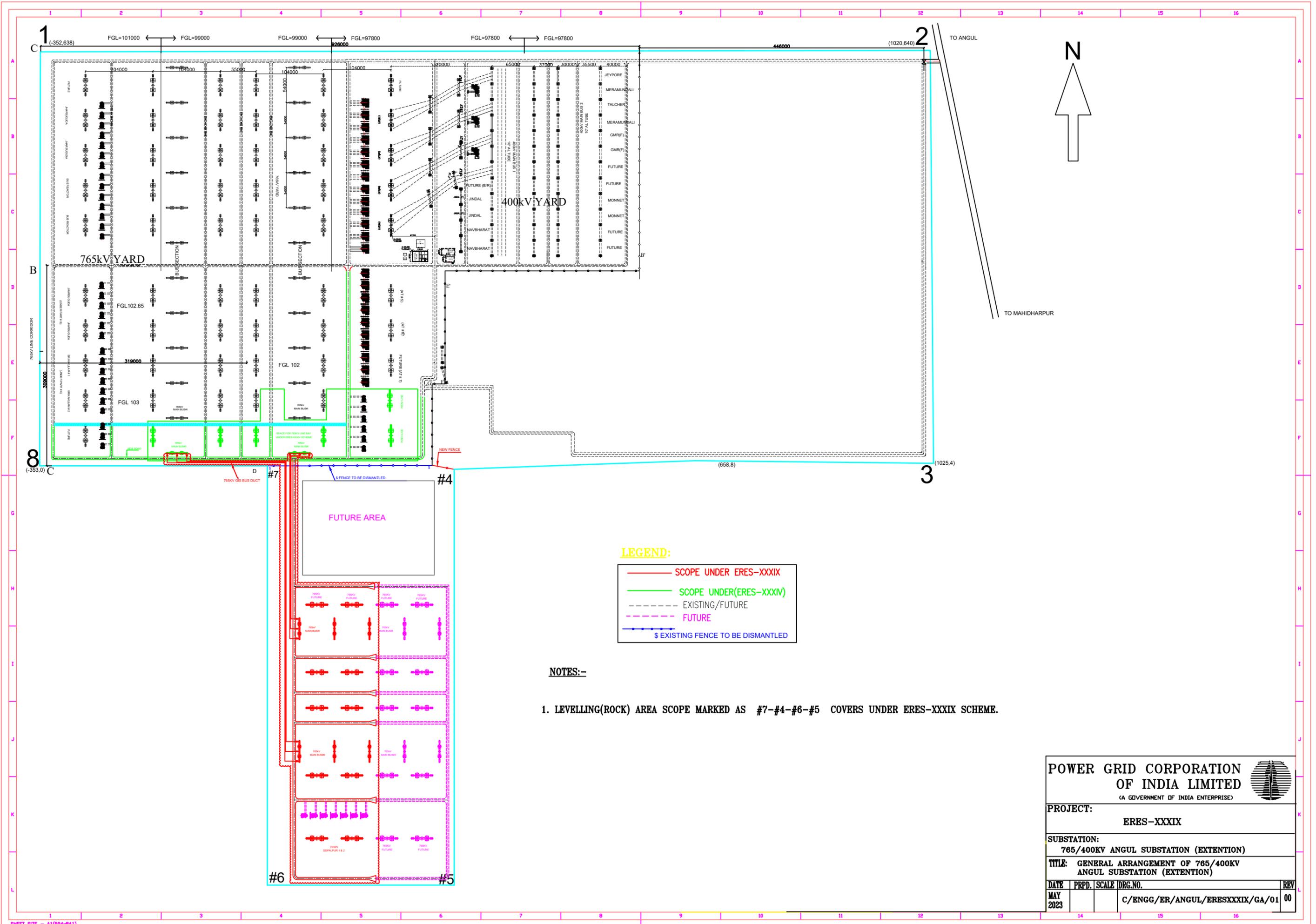


765 kV EQUIPMENTS		
SL	ITEM DESCRIPTION	SYMBOL
1	500 MVA, 765/400/33 KV AT (1-PH) $\frac{765}{\sqrt{3}} / \frac{400}{\sqrt{3}} / 33$	
2	CIRCUIT BREAKER WITHOUT CR (1-PH) WITH OUT CSD (4000 A, 50 KA)	
3	CIRCUIT BREAKER WITH CR (3-PH) WITH CSD (3150 A, 50 KA)	
4	ISOLATOR WITH ONE EARTH SWITCH (1-PH) 2000 A, 50 KA	
5	ISOLATOR WITH EARTH SWITCH (1-PH) 2000 A, 50 KA	
6	ISOLATOR WITH TWO EARTH SWITCH (3-PH) 4000 A, 50 KA	
7	ISOLATOR WITH ONE EARTH SWITCH (3-PH) 3150 A, 50 KA	
8	CURRENT TRANSFORMER 3000 A, 50 KA 120 % 1 PH	
9	CURRENT TRANSFORMER 4000 A, 50 KA 120 % 1 PH	
10	765 KV, 8800pF, 1-PH CVT	
11	624 KV SURGE ARRESTER	
12	SF6/AIR BUSHING	

**LEGEND :**

- SCOPE UNDER ERES-XXXIX
- SCOPE UNDER (ERES-XXXIV)
- - - - - FUTURE / EXISTING SCOPE

<b>POWER GRID CORPORATION OF INDIA LIMITED</b> <small>(A GOVERNMENT OF INDIA ENTERPRISE)</small>			
<b>PROJECT:</b> ERES-XXXIX			
<b>SUBSTATION:</b> 765/400KV ANGUL SUBSTATION (EXTENTION)			
<b>TITLE:</b> SINGLE LINE DIAGRAM			
<b>DATE</b>	<b>PRPD.</b>	<b>SCALE</b>	<b>DRG.NO.</b>
MAY 2023			C/ENGG/ER/ANGUL/ERES-XXXIX/SLD/01
			<b>REV</b>
			00



**LEGEND:**

- SCOPE UNDER ERES-XXXIX
- SCOPE UNDER (ERES-XXXIV)
- - - EXISTING/FUTURE
- - - FUTURE
- \$ EXISTING FENCE TO BE DISMANTLED

**NOTES:-**

1. LEVELLING (ROCK) AREA SCOPE MARKED AS #7-#4-#6-#5 COVERS UNDER ERES-XXXIX SCHEME.

<b>POWER GRID CORPORATION OF INDIA LIMITED</b> <small>(A GOVERNMENT OF INDIA ENTERPRISE)</small>				
<b>PROJECT:</b> ERES-XXXIX				
<b>SUBSTATION:</b> 765/400KV ANGUL SUBSTATION (EXTENTION)				
<b>TITLE:</b> GENERAL ARRANGEMENT OF 765/400KV ANGUL SUBSTATION (EXTENTION)				
<b>DATE</b>	<b>PRPD.</b>	<b>SCALE</b>	<b>DRG.NO.</b>	<b>REV</b>
MAY 2023			C/ENGG/ER/ANGUL/ERESXXXIX/GA/01	00

