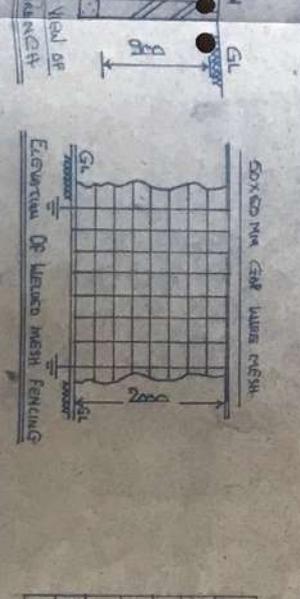
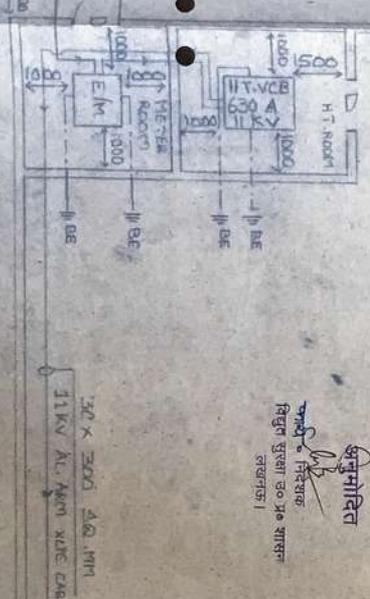
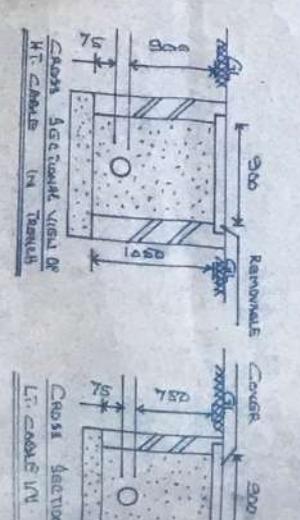
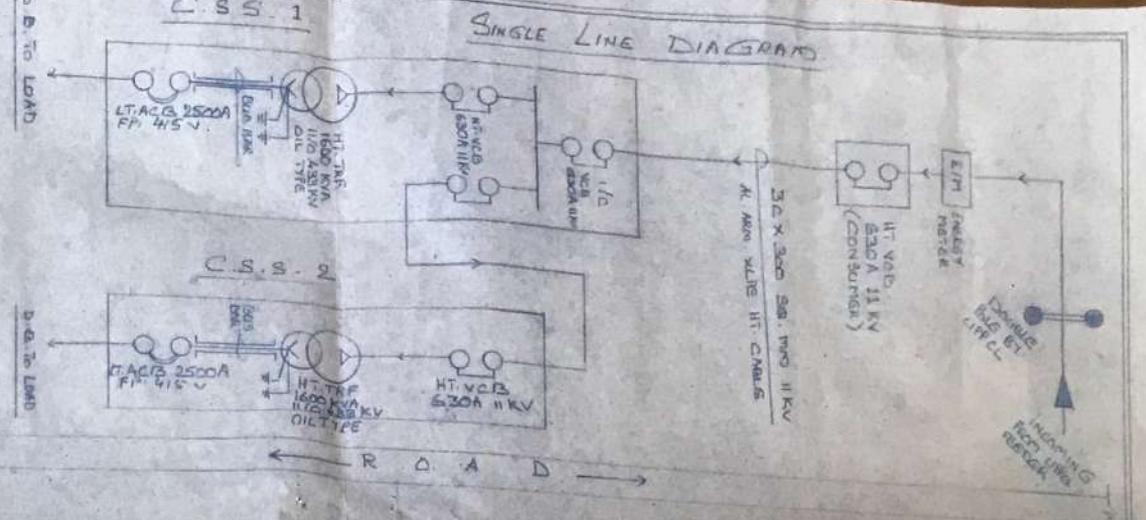


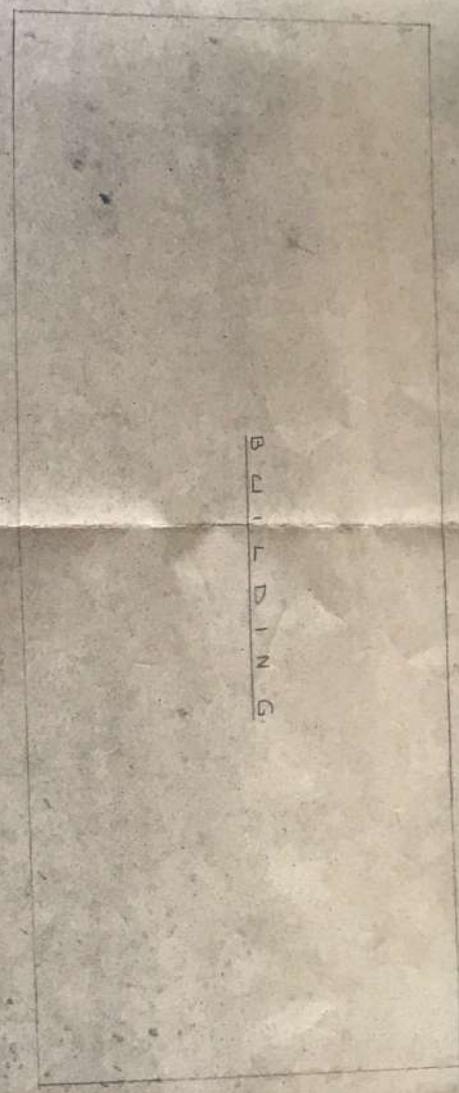
SINGLE LINE DIAGRAM



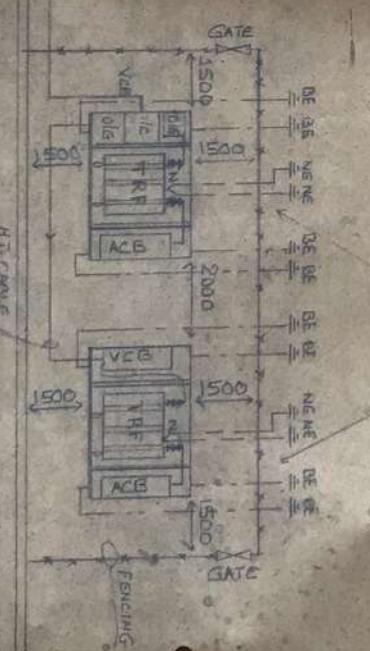
इसके अतिरिक्त निम्न शर्तिकाओं को ध्यान में रखकर यह भी ध्यान देना चाहिए कि सभी फिटरों का प्रयोग केवल निम्न ही प्रकार के फिटरों से करना है जो कि निम्नलिखित हैं। अन्य किसी प्रकार के फिटरों का प्रयोग नहीं किया जाएगा।

सुभाषिणी
 प्रमुख इंजीनियर
 फिटर सुभाषिणी को ज्ञात कराया गया है।

BUILDING



- SPECIFICATIONS OF COMPACT SUB STATION**
1. HT TAP 1600 KVA 11/0.433 KV - 2 NOS
 2. HT VCB 630A 11 KV
 3. HT ACB 2500A 11KV



TITLE	SITE PLAN & S.D.
SUBJECT	HT SUB-STATION
SCALE	N.T.S.
PAGE NO.	ONE
DRAWN BY	S.T.
CHECKED BY	M.S.K.
DATED	11-04-2016

NOTE 5

1. ALL THE DIMENSIONS ARE IN METERS.
2. DRAWING IS NOT TO SCALE.
3. SIZE OF BURNING CONDUCTOR 50 X 6 MM (G.I. STRIP) AND ELECTRODE PATE 300 X 6.35 MM (G.I. BAR) BODY AND THIS SAME SIZE OF CABLE FOR OVERHEAD.
4. CABLE TRENCH AS PER I.S.I SPECIFICATIONS.
5. ALL THE SWITCHES INSTALLED AS PER RULES SO (1) AND SO (1) OF THE RULES 1956.
6. CAUTION NOTICE WILL BE PROVIDED NEARBY TAKING CARE OF ANY CABLE ON THE TOP AND ALL THE BURNING CONDUCTOR INSTALLED ON ITS TOP AND IN SIDE WILL BE KEPT IN "OFF" POSITION WHEN ANY WORK IS DONE ON IT.
7. CABLE TRENCH MARKER WILL BE INSTALLED ALONG WITH THE HT AND LT SIDE CABLE ROUTE AT 2000 MM (IF REQUIRED).
8. DOTS AND LINDAAR ARE METALLIC AND OPEN TO CUT SIDE OF THE BODIES.
9. SIZE OF DOTS 250mm X 125mm.
10. SIZE OF HT CABLE 33KV/11KV AND 11KV/0.433KV.
11. SIZE OF LT CABLE/ROD 2500A ALL 11KV.
12. DISTANCE BETWEEN EACH FIT TO EACH FIT AND BURNING TO WHOLE NET LESS THAN 2500 MM.
13. BURNING LEVEL OF THE FOUNDATIONS WILL BE AT LEAST 100MM ABOVE THE HIGH WATER LEVEL AND STATION WATER LEVEL RECORD AT EACH AREA.
14. TAP AND SUB-STATION SHALL NOT BE INSTALLED OUTSIDE THE DUNEED AREA.
15. SUPPLIED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AT THE REQUISITE LEVEL IN ELECTRICAL WORKS CABLES, 200S AND 11KV REQUISITE OF CATED CBO OF I.E. RULES 1956.
16. CLEARANCE BETWEEN LINE AND OF 11KV LINE OF THE FOUNDATION AND GROUND IS NOT LESS THAN 2500mm.
17. LENGTH OF LT WIRE FOR FROM FIT TO FIT NOT LESS THAN 1.5 METERS.
18. INDEPENDENT BARRIER TO THE BURNING CONDUCTOR SHALL BE PROVIDED SUCH THAT ENERGY IS ALWAYS ACCIDENTAL TO THE PRIVATE OF THE CONSUMER.

SPECIFICATIONS OF HT TRANSFORMER

Sl. No.	PARAMETER	VALUE	UNIT
1	POWER	1600 KVA	
2	VOLTS	11/0.433 KV	
3	CURRENT	83.98A/2133.25A	
4	PHASE	3P	
5	FREQUENCY	50 Hz	

INDEX

Sl. No.	DESCRIPTION	NO.
1	ELECTRIC SUPPLY (FROM 33KV O/H)	AS
2	ELECTRIC SUPPLY TO LT	AS
3	DIRECTION OF CONNECTION	AS
4	NEUTRAL EARTH STRIP CONNECTION	AS
5	3PH 3WY STAR CONNECTION	AS
6	NEUTRAL ELECTRODE KIT	AS
7	DOTS AND LINDAAR KIT	AS
8	M.S. RENEWING	AS

1. Vacuum Circuit Breaker	V.C.B.
2. Air Circuit Breaker	A.C.B.
3. High Voltage / Low Voltage	H.V. / L.V.
4. High Voltage / Low Voltage	H.V. / L.V.

APPROVAL

PROJECT

EXPRESS BUILDERS & PRIVATE L

SITE: EXPRESS ZENIT

Plot No. 2-A, SECTOR - NOIDA, DIST. G. B. N. GTAR