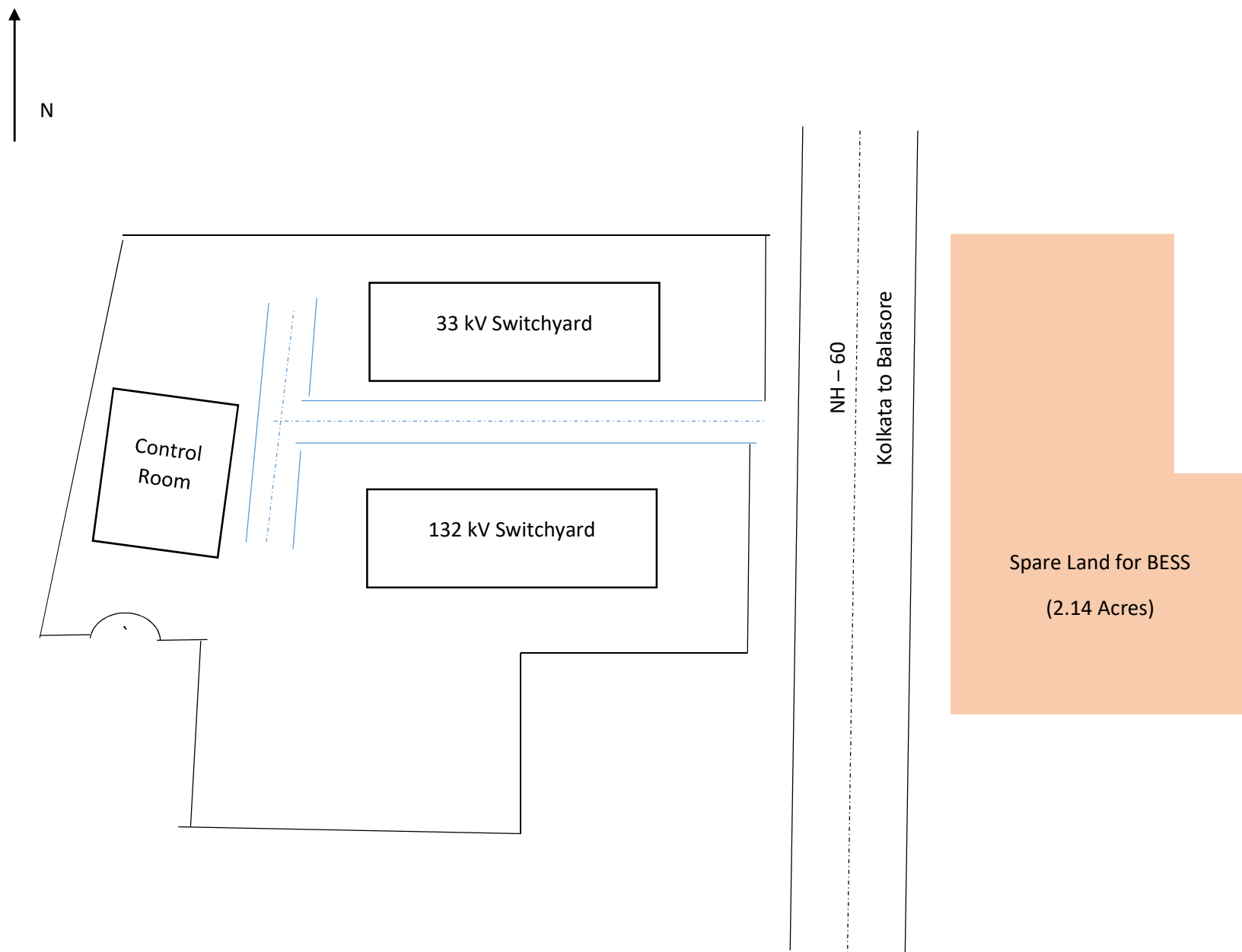
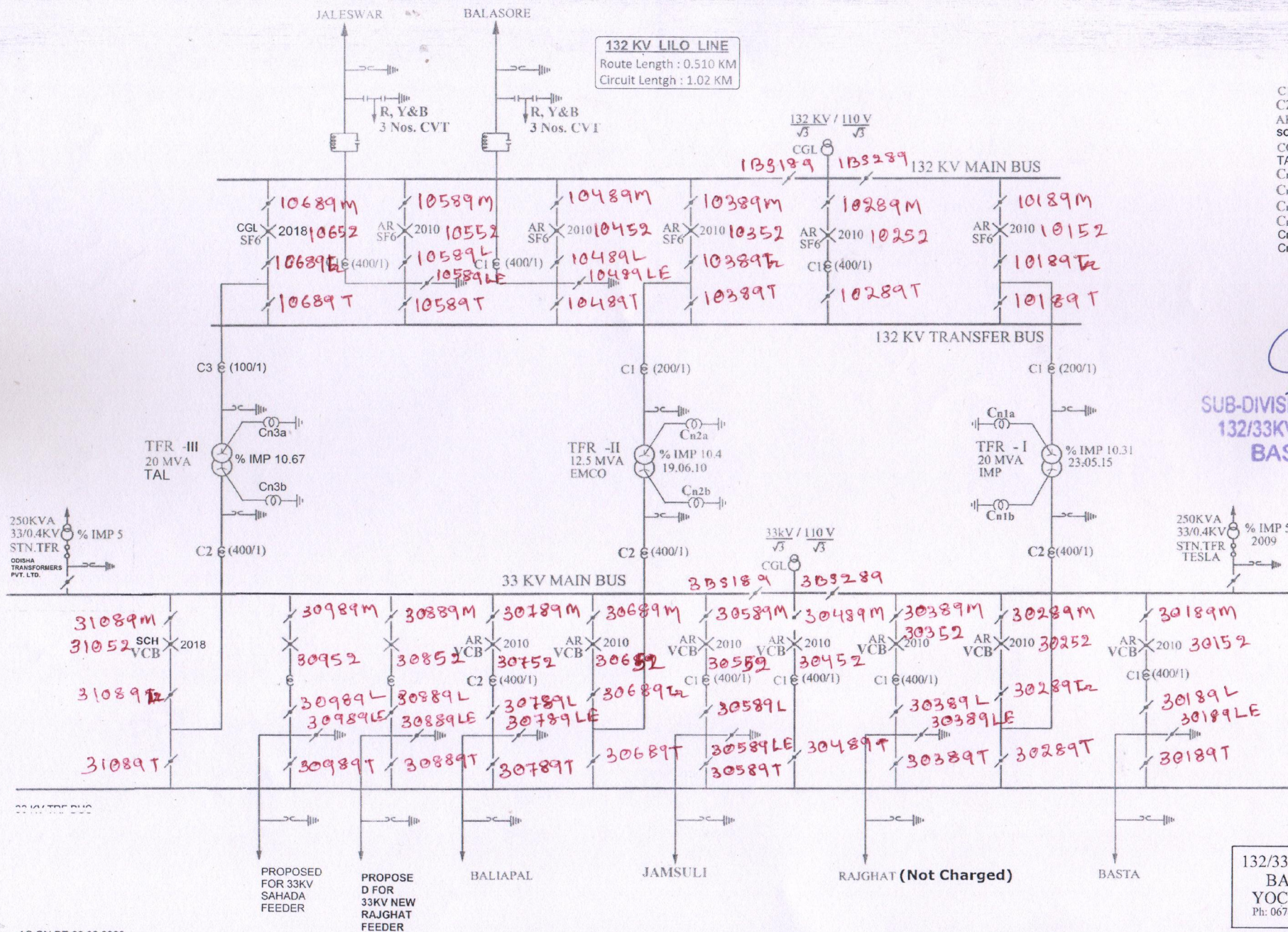




Layout of 132/33 kV Grid Substation, Basta

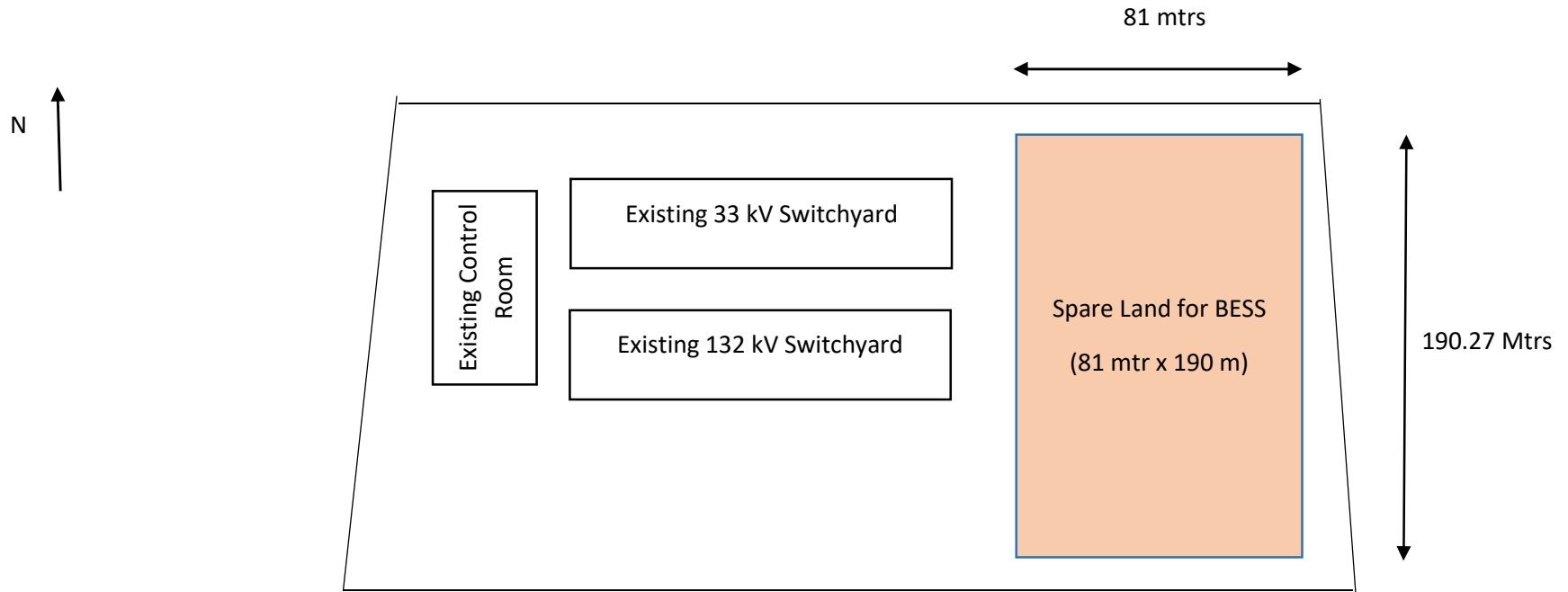
- Not to Scale

Single Line Diagram of 132/33 KV Grid Sub-Station, Basta, OPTCL



C1 - 800-400-200/1-1-1
C2, C3 - 400-200-100 / 1-1-1
AR - AREVA
SCH - SCHNEIDER
CGL - CROMPTON GREAVES LTD.
TAL - TECHNICAL ASSOCIATES LTD
Cn1a - 200/1 HV NCT of TR-I
Cn1b - 400/1 LV NCT of TR-I
Cn2a - 200/1 HV NCT of TR-II
Cn2b - 400/1 LV NCT of TR-II
Cn3a - 100/1 HV NCT of TR-III
Cn3b - 400/1 LV NCT of TR-III

[Signature]
11/01/2021
SUB-DIVISIONAL OFFICER (ELECT.)
132/33KV GRID SUB-DIVISION
BASTA, O.P.T.C.L.



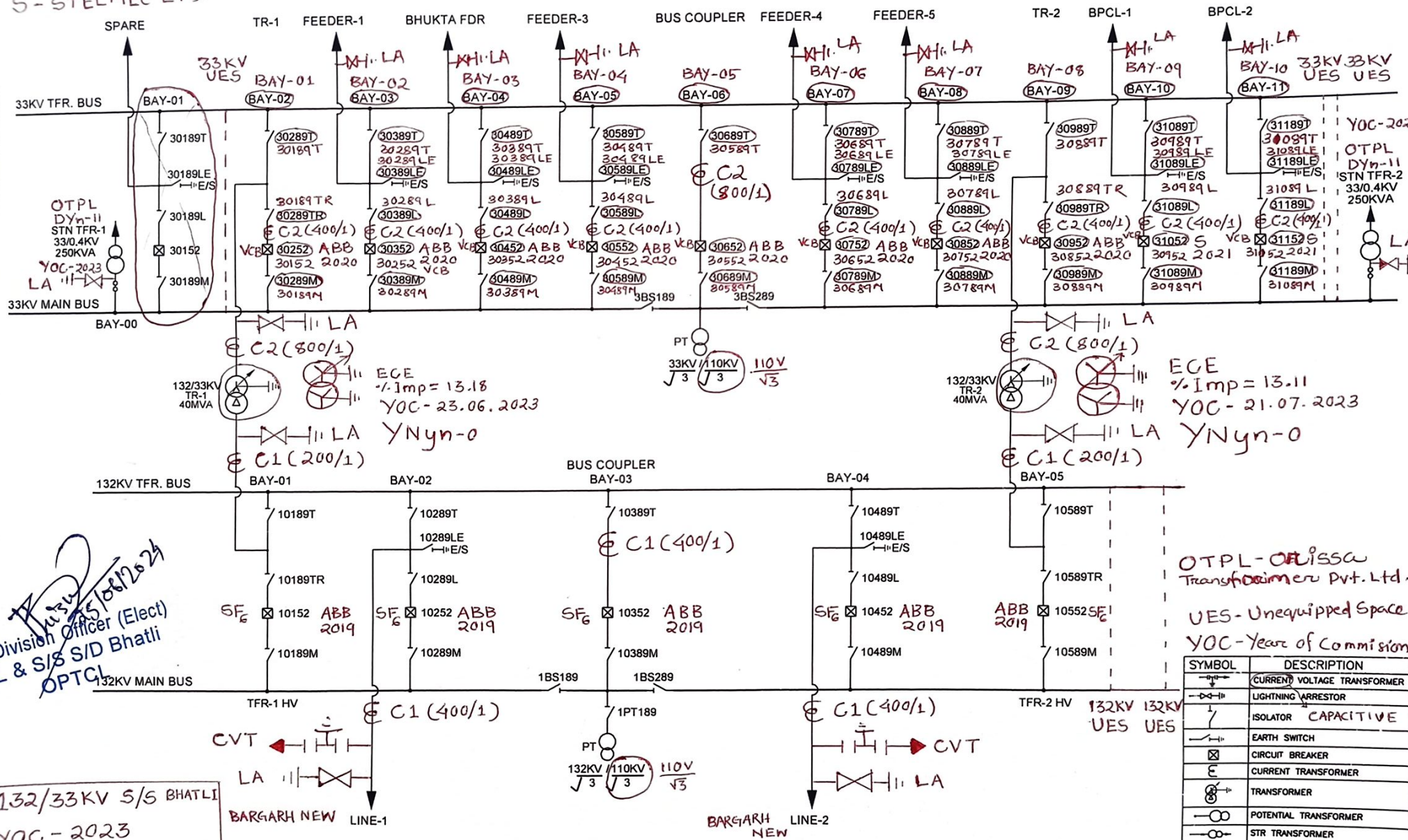
Layout of 132/33 kV Grid Substation, Bhatli

- Not to Scale

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C1 - 800-400-200/H-1-1
C2 - 800-400-200/I-1-1
S - STELMEC LTD.

132/33KV BHATLI SUB-STATION

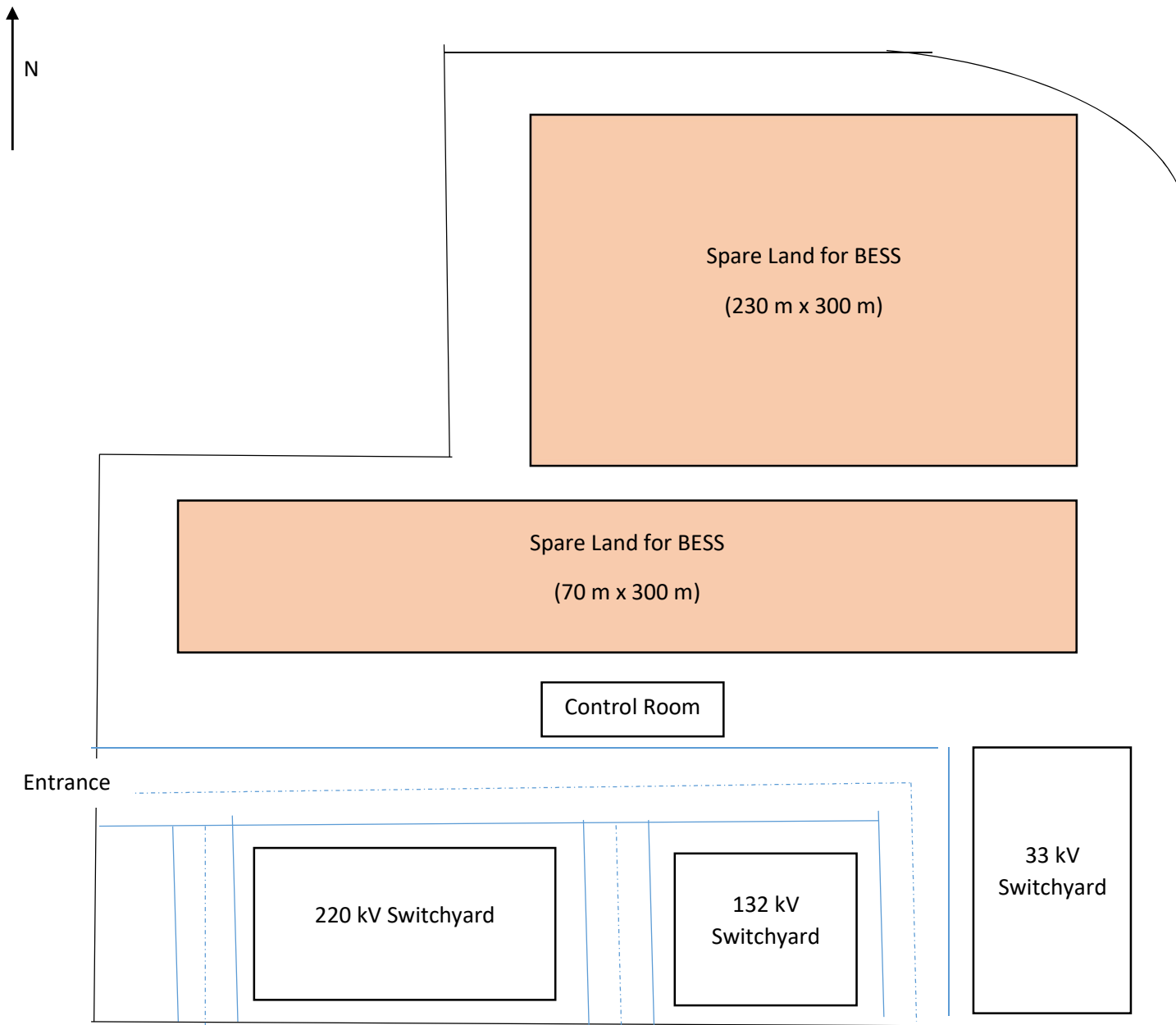


Sub-Division Officer (Elect)
Bhatli & S/S S/D Bhatli
OPTCL

132/33KV S/S BHATLI
YOC - 2023
Mob - 9124153039

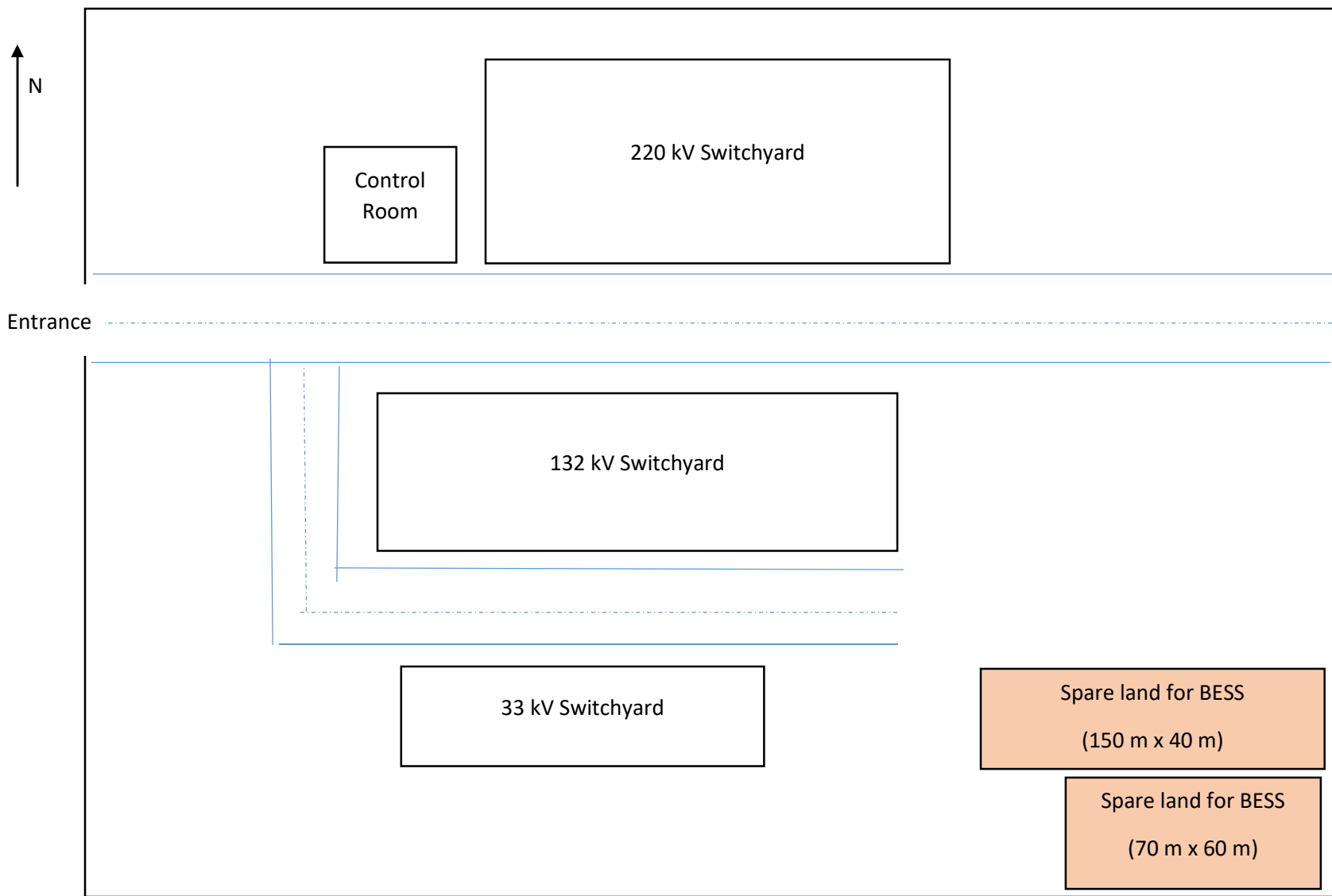
SINGLE LINE DIAGRAM
FOR
132/33KV BHATLI SUB-STATION

GE T&D India Limited
OPTCL-STAMC/ENG-2-004/089
SCALE NA
SHEET 001
REV. A
NEXT SH. /



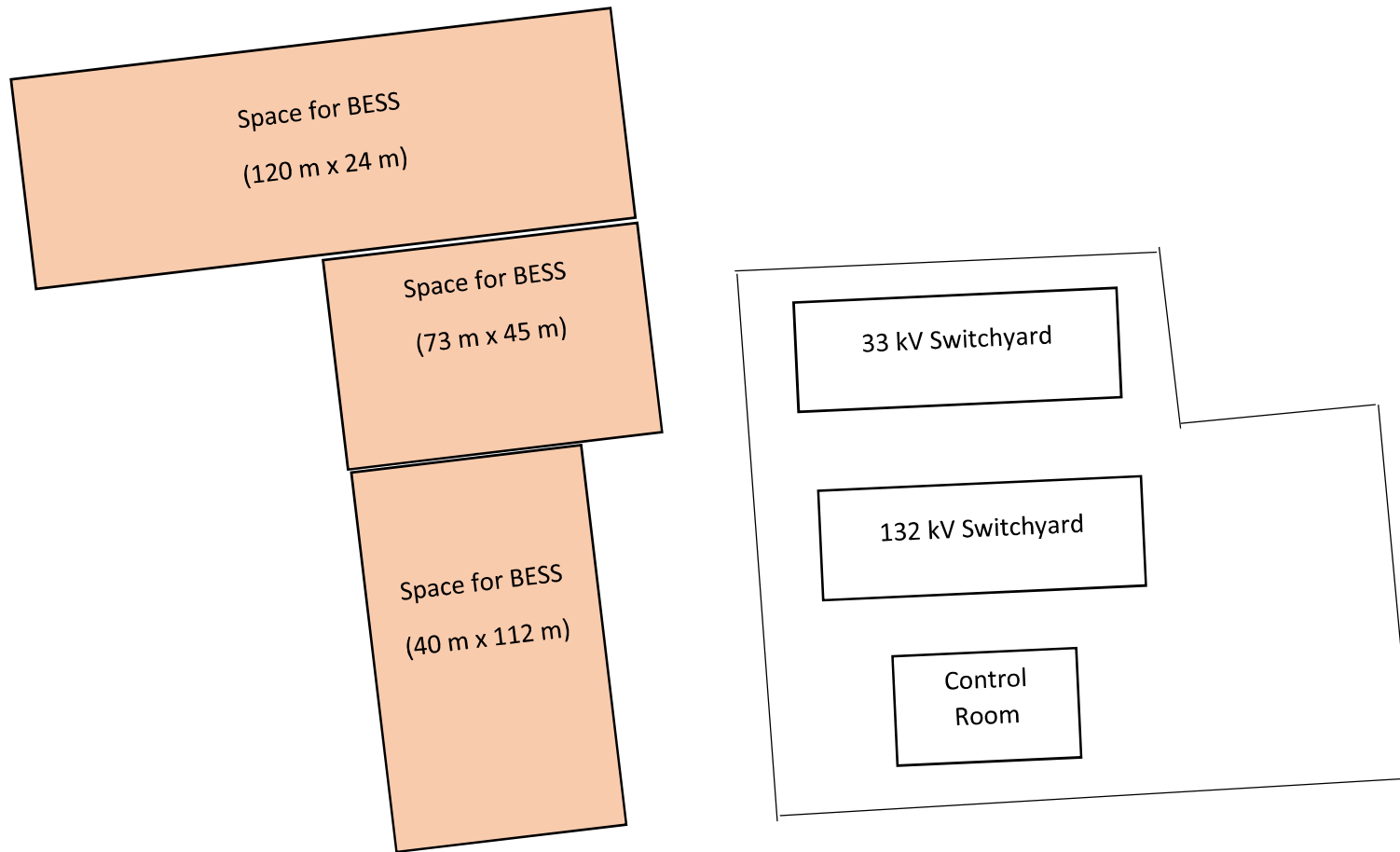
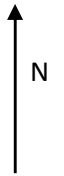
Layout of 220/132/33 kV Grid Substation, Narendrapur

- Not to Scale



Layout of 220/132/33 kV Grid Substation, New Bolangir

- Not to Scale



Layout of 132/33 kV Grid Substation, Padampur

- Not to Scale



GHENS-I

NUAPADA-II

SOLAR

NUAPADA-I

PATNAGARH-II

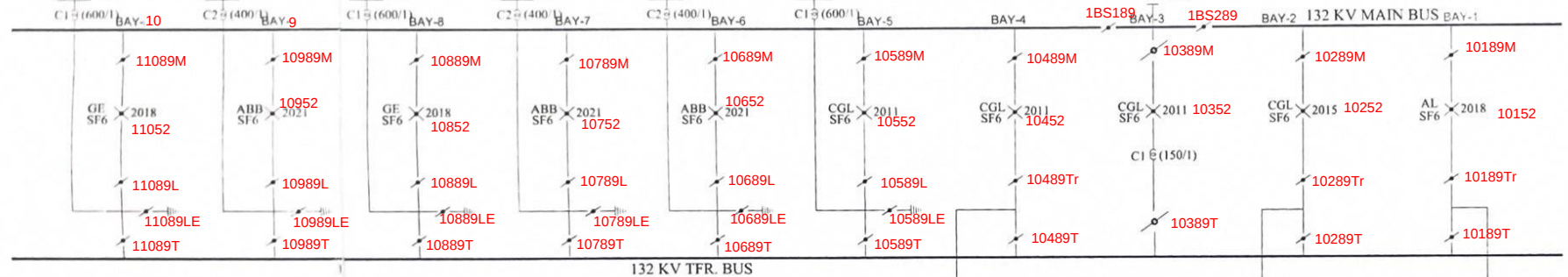
PATANAGARH-I

132KV / 110 V
 $\sqrt{3}$ $\sqrt{3}$

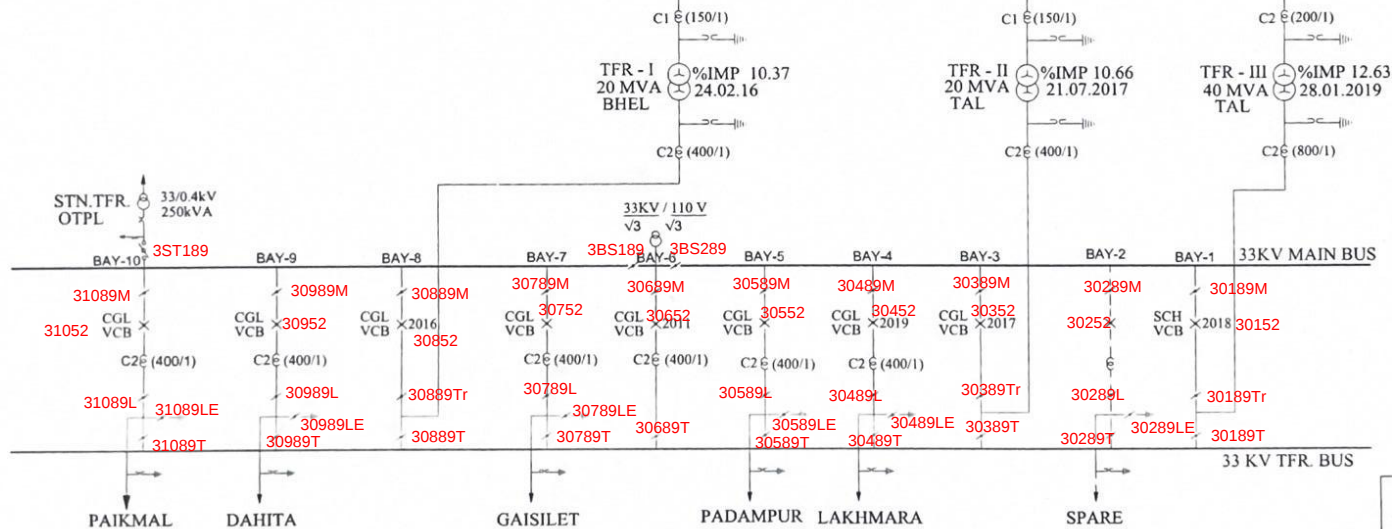
CVT

1BS189

1BS289

C1 - 600-300-150/1
C2 - 800-400-200/1AL - ALSTOM LTD.
CGL - CROMPTON GREAVES LTD.
GE - GENRAL ELECTRIC LTD.
SCH - SCHNEIDER.
TAL - TECHNICAL ASSOCIATE LTD.

132 KV TFR. BUS

STN.TFR.
OTPL

3ST189

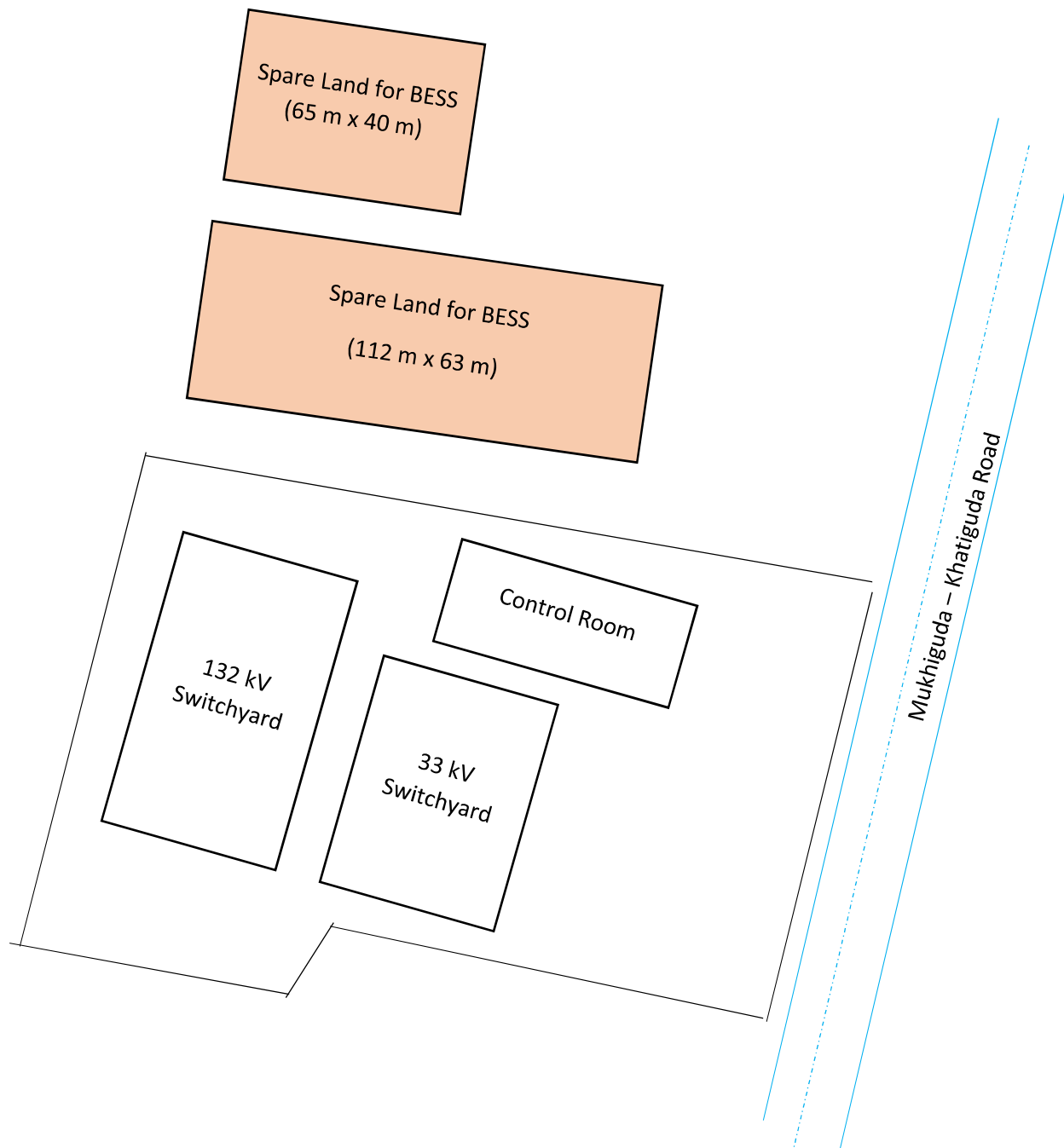
33KV / 110 V
 $\sqrt{3}$ $\sqrt{3}$ TFR - I
20 MVA
BHELTFR - II
20 MVA
TALTFR - III
40 MVA
TAL

AS ON DT. 17.08.2022

132/33 KV S/S
PADAMPUR
YOC - 2016
Ph-9438907892

Anand, SDO

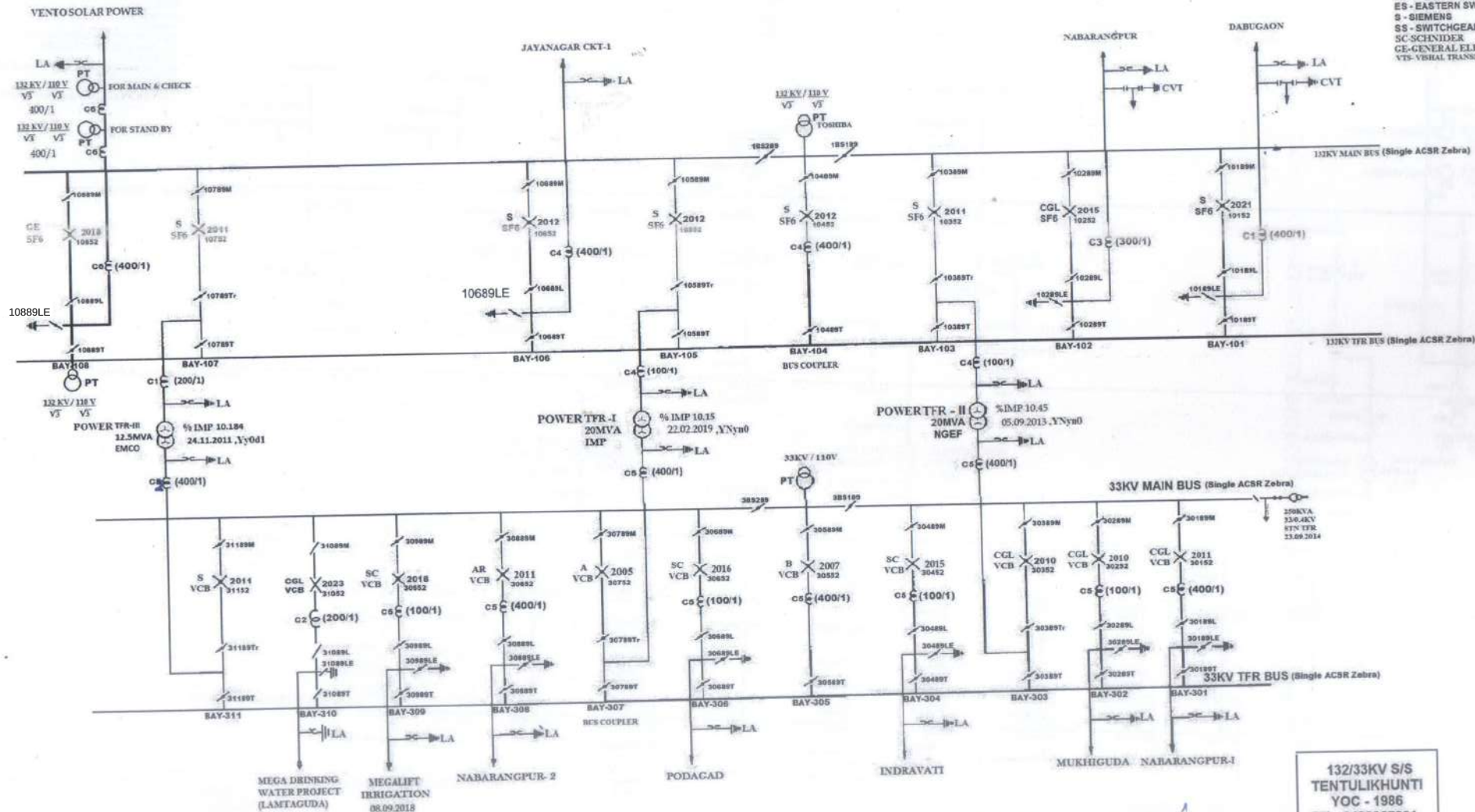
EHT (O&M) S/D
Padampur, OPTCL



Layout of 132/33 kV Grid Substation, Tentulikhunti

- Not to Scale

C1-800-400-200/1-1-1-A
 C2-800-400-200/1-1-1-A
 C3-800-300-150/1-1-1-A
 C4-400-200-100/1-1-1-A
 C5-400-200-100/1-1-1-A
 C6-400/1-1-1-A
 A - ALIND
 AR - AREVA
 S - BHSL
 CGL - CROMPTON GREAVES LTD.
 ES - EASTERN SWITCHGEARS
 S - SIEMENS
 SS - SWITCHGEAR & STRUCTURALS LTD.
 SC - SCHNIDER
 GE - GENERAL ELECTRIC
 VTS - VISHAL TRANSFORMERS & SWITCHGEARS



SUB DIVISIONAL OFFICER (ELECT)
 132 KV TL S/S SUB DIVISION
 OPTCL TENTULIKHUNTI