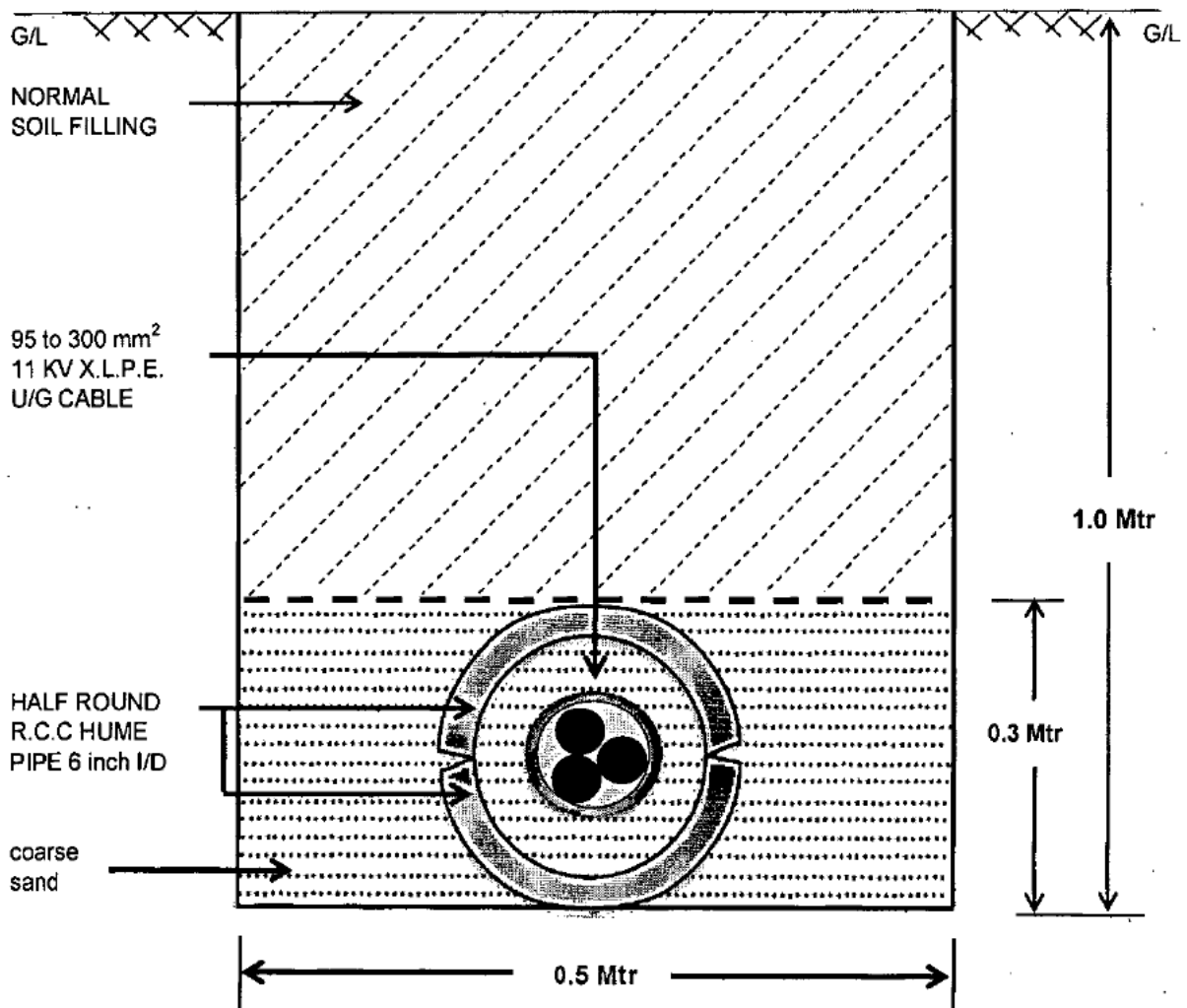


SECTION IX:

Drawings

PASCHIM GUJARAT VIJ COMPANY LTD

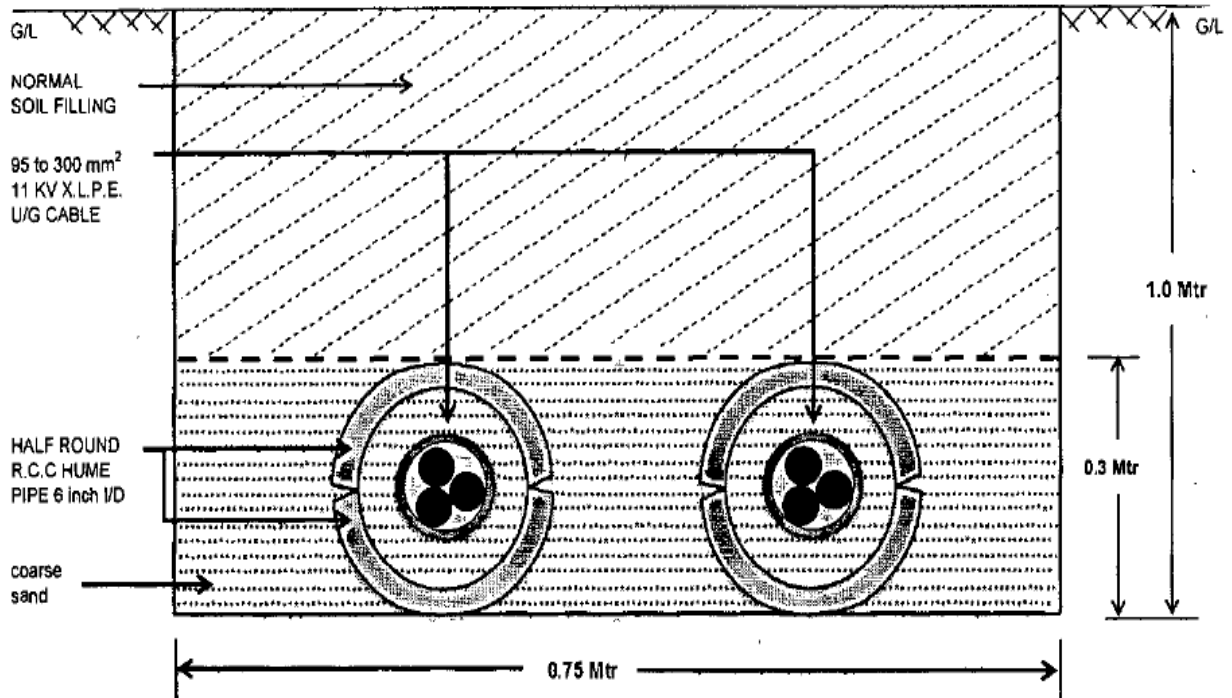
**DRAWING FOR LAYING OF ONE NO 11 KV 95 TO 300 mm² X.L.P.E.
UNDE GROUND CABLE**



Drg. No. : PGVCL/Tech/UG Cable/01/14-15

Date:
Sign & Stamp of the Bidder

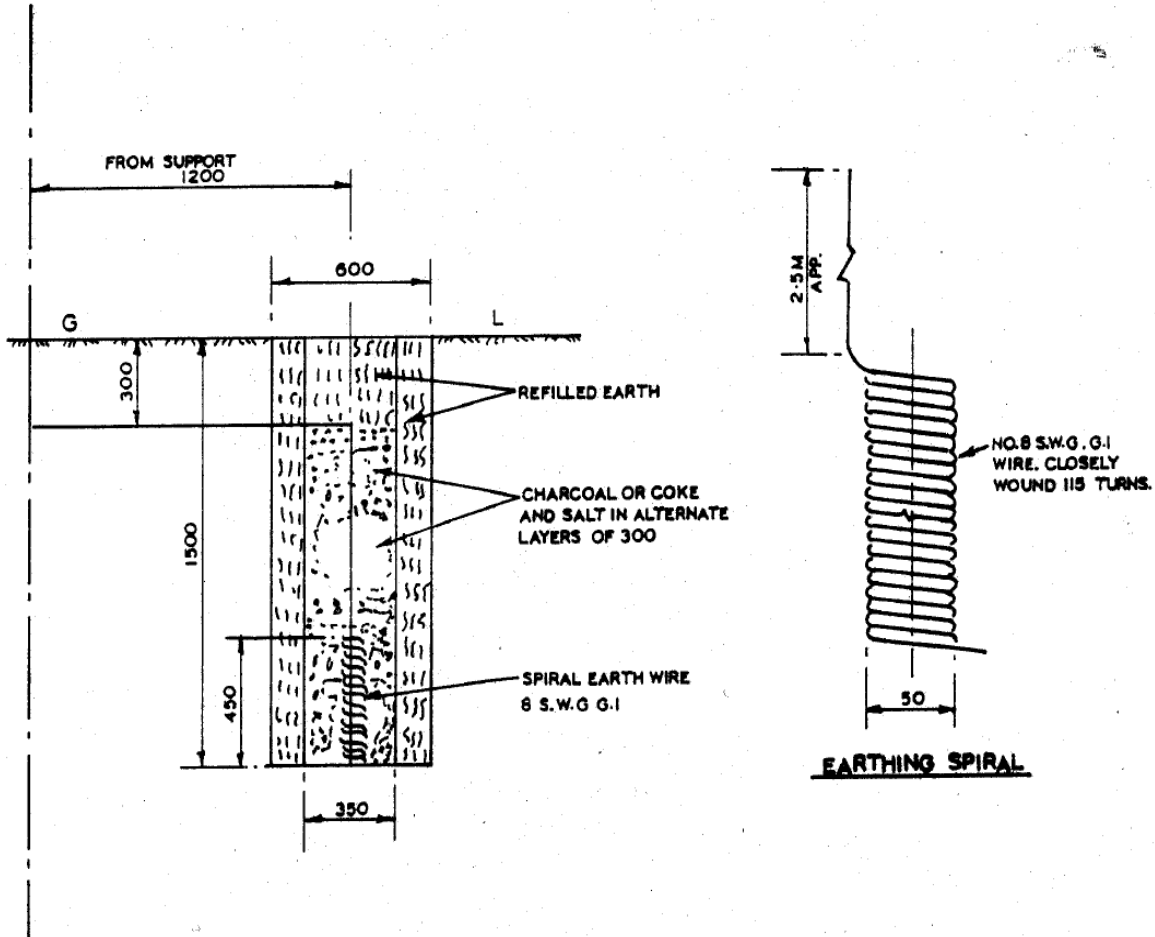
**DRAWING FOR LAYING OF ONE NO 11 KV 95 TO 300 mm² X.L.P.E.
UNDE GROUND CABLE**



Drg. No. : PGVCL/Tech/UG Cable/02/14-15

Date:
Sign & Stamp of the Bidder

**REC
CONSTRUCTION STANDARD
J-1**



NOTE:-

FOR PIPE EARTHING REFER CONSTRUCTION STANDARDS J-2.

ALL DIMENSIONS ARE IN mm.

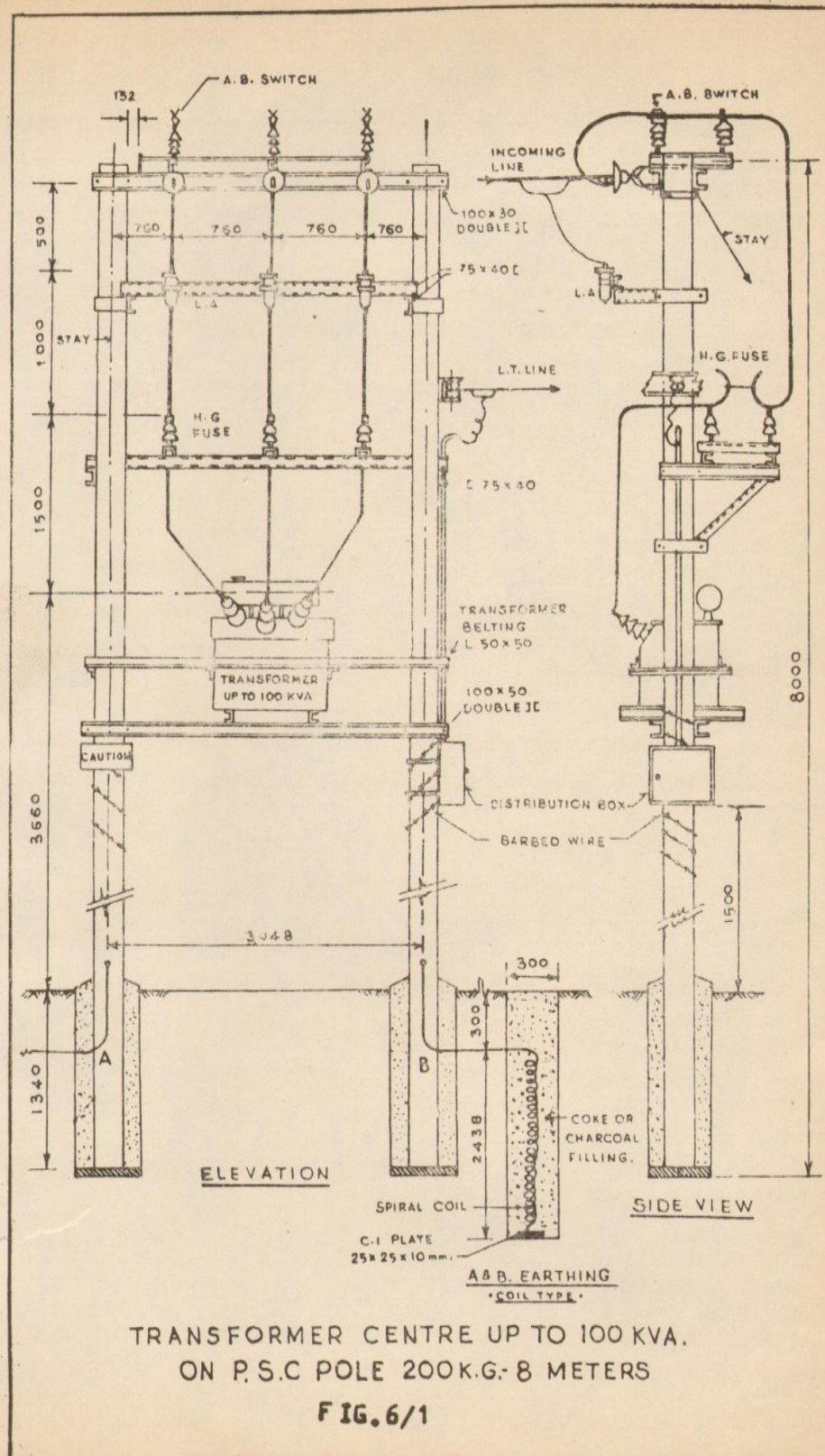
कुंडली भू-सम्पर्कन

COIL EARTHING

Date:

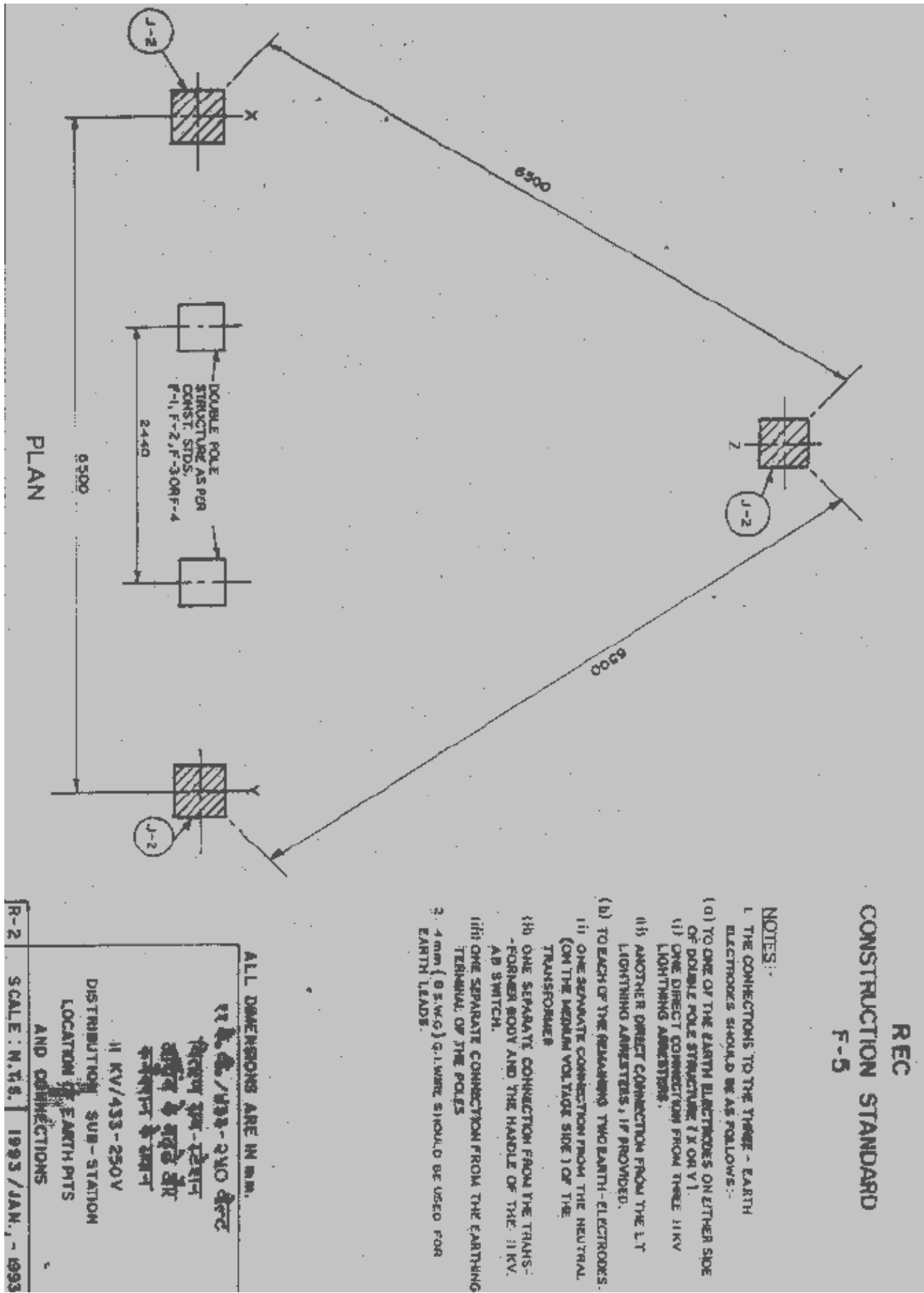
Sign & Stamp of the Bidder

Arrangement of Transformer



Date:
Sign & Stamp of the Bidder

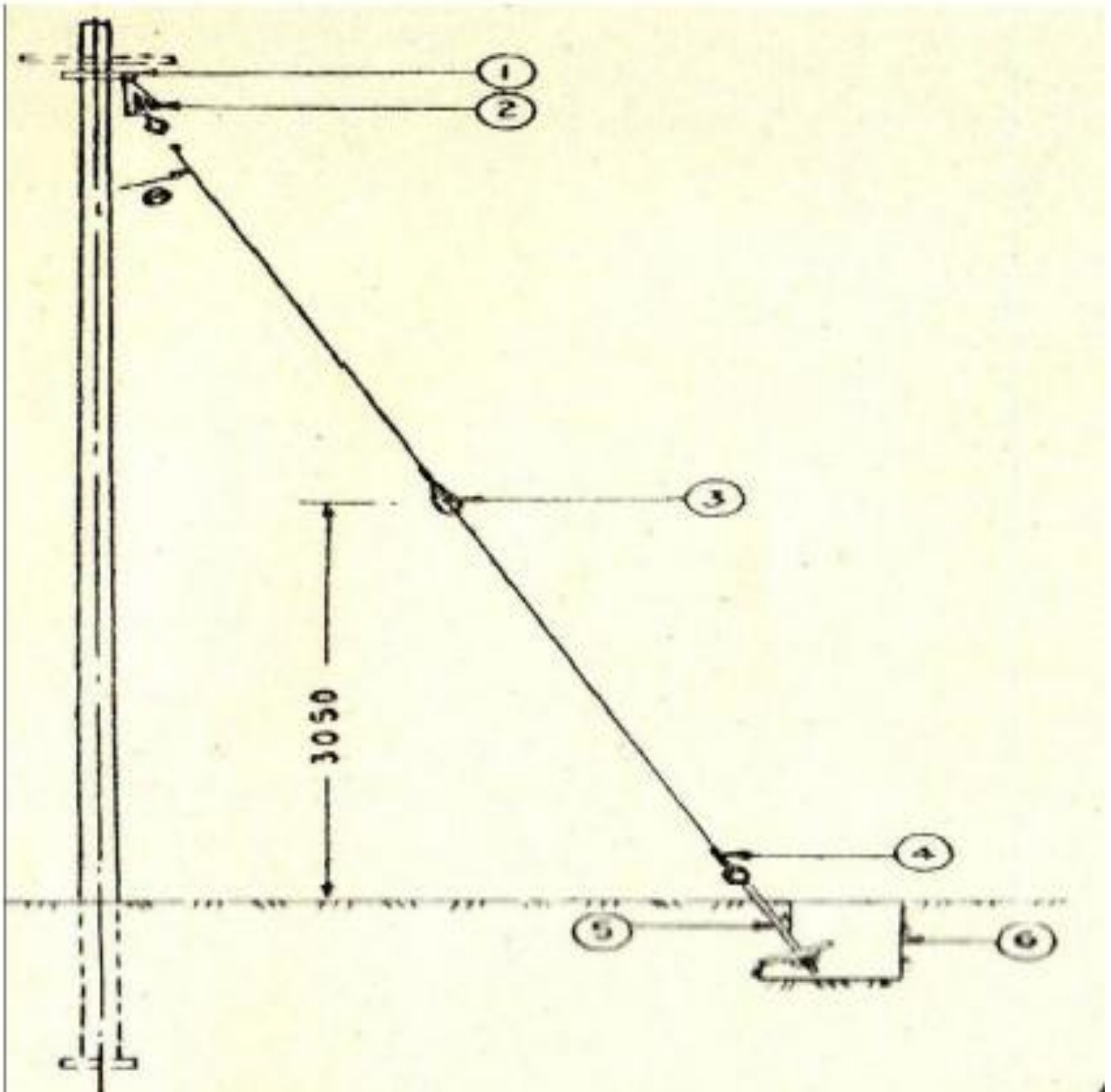
Earthing Arrangement for Transformer Centre



Date:

Sign & Stamp of the Bidder

Arrangements of Guy



- | | | |
|---------------------------|-----------------------------|----------------------------|
| 1. Guy Clamp | 2. Turn Buckle and Eye Bolt | 3. Guy Insulator |
| 4. Guy Wire | 5. Guy Rod | 6. Guy Pit (2 X 2 X 5 ft.) |
| 7. θ 30 to 40 Deg. | | |

Date:
Sign & Stamp of the Bidder

Guy Assembly

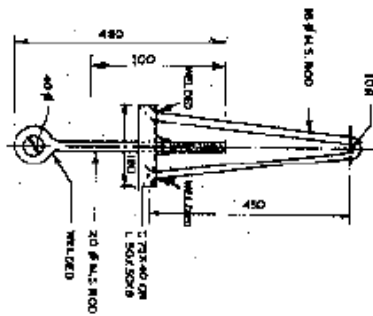
REC
CONSTRUCTION STANDARD
G-1



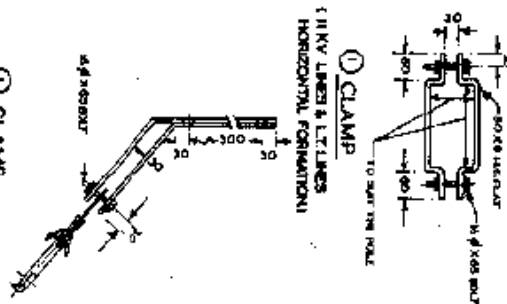
3 STAY INSULATOR MAKE-OFF



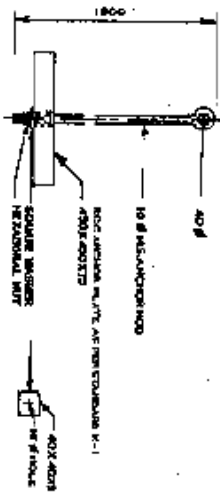
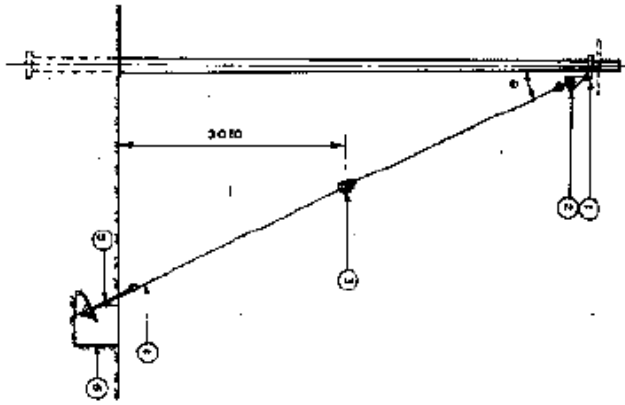
4 END MAKING OF GUY WIRE



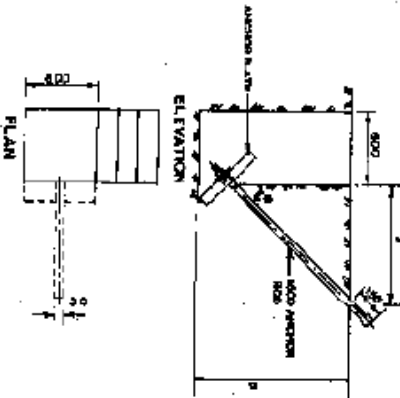
2 TURN BUCKLE



1 CLAMP
(11 KV LINES & L.T. LINES
HORIZONTAL FORMATION)



5 ANCHOR ROD & PLATE



6 STAY PIT-ANCHOR ASSEMBLY

| | | |
|---|------|------|
| 0 | 30° | 45° |
| A | 750 | 1100 |
| B | 1500 | 1300 |

NOTE:-
1. ANCHOR ROD WITH WASHER & NUT SHOULD BE PREFERABLY GALVANIZED.
2. WHEN CONTINUOUS EARTH WIRE IS USED, GUY INSULATOR MAY NOT BE USED.
(REFER - IE - RULE 90)

ALL DIMENSIONS ARE IN MM.

THEY ARE NOT TO BE USED

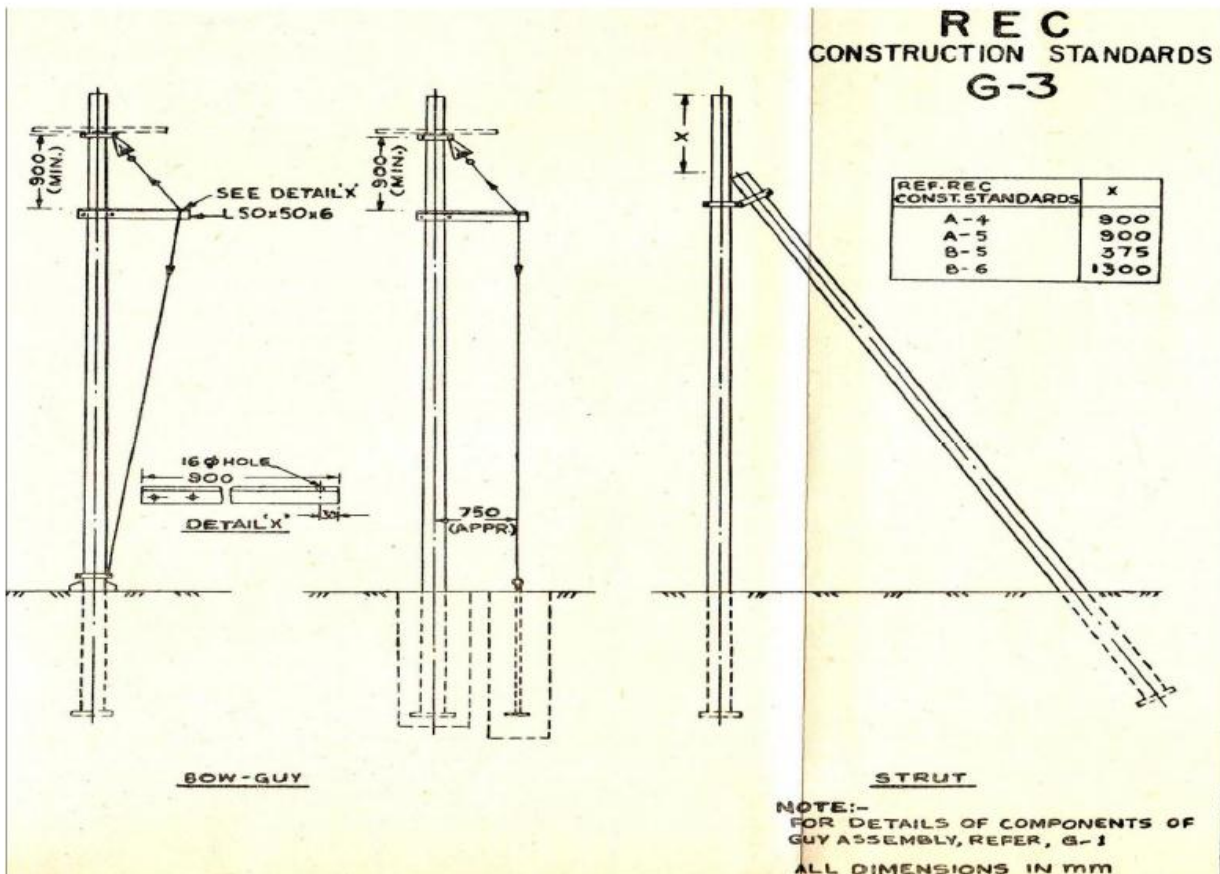
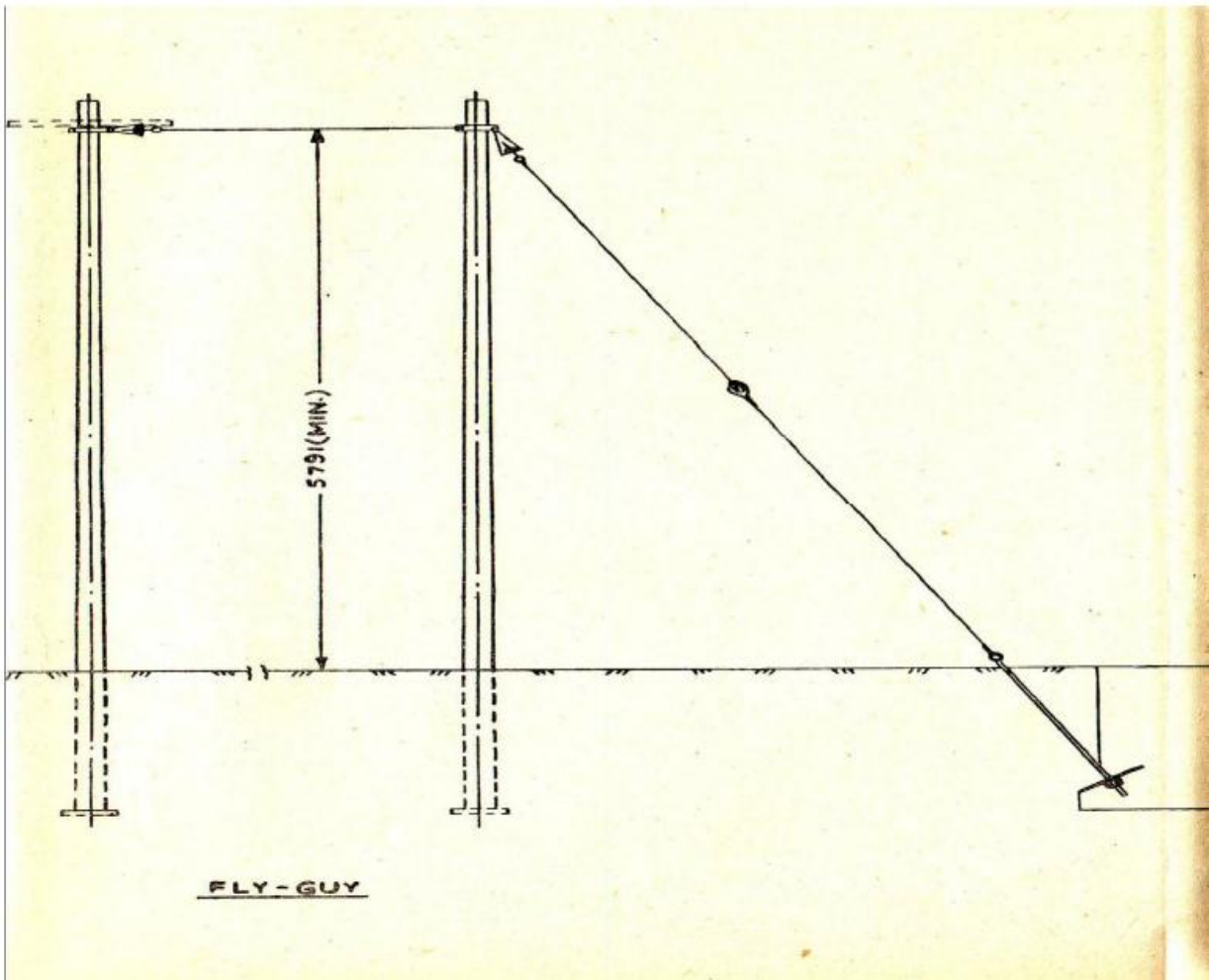
GUY ASSEMBLY

(CONVENTIONAL ARRANGEMENT)

SCALE: NTS

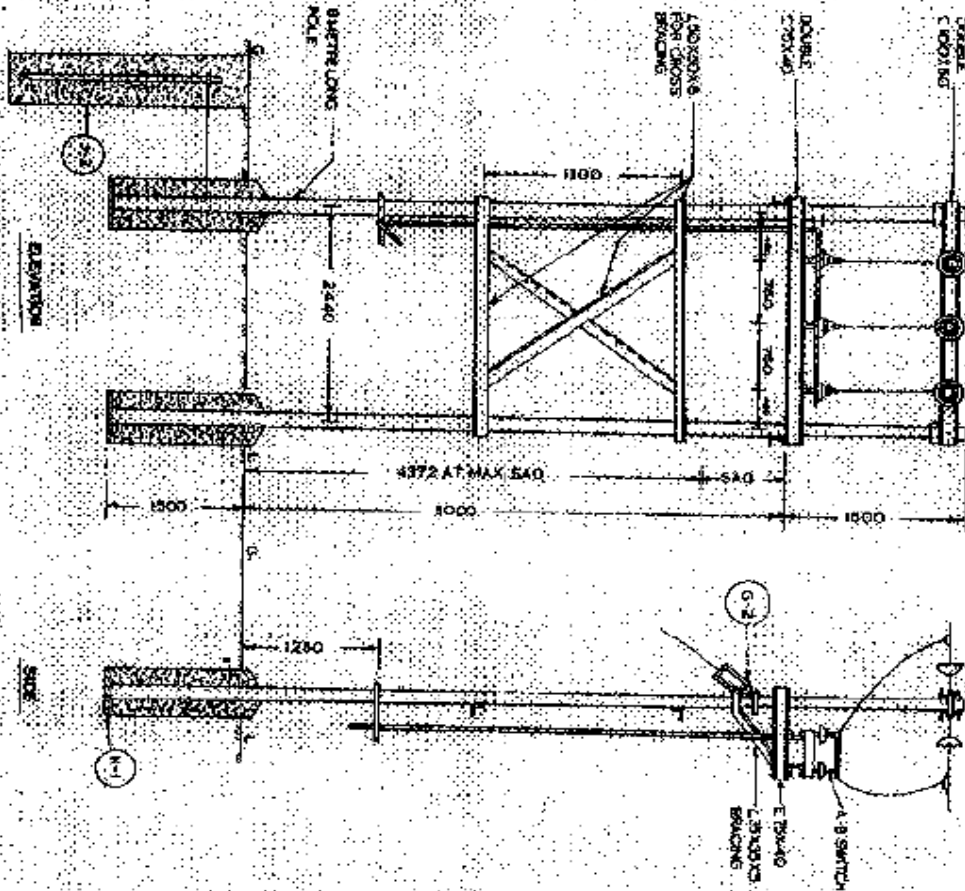
SEPT - 072

Date:
Sign & Stamp of the Bidder



Date:
Sign & Stamp of the Bidder

Double Pole (D.P.) Structure



REC CONSTRUCTION STANDARD A-12

BILL OF MATERIAL

| ITEM | DESCRIPTION | QTY | UNIT |
|------|---|--------------------------|-------------|
| 1 | P.C. SUPPORT | 2 Nos. | |
| 2 | CHANNELS (FOR STRAIN INSULATORS) | 100X50 - 2800 (APPROX.) | 2 Nos. |
| 3 | CHANNELS (FOR A.B. SWITCH) | 75X40 - 2800 (APPROX.) | 2 Nos. |
| 4 | CHANNELS (FOR A.B. SWITCH) | 75X40 - 1000 (APPROX.) | 2 Nos. |
| 5 | ANGLES (FOR CROSS BRACING) | 50X50X6 - 2800 (APPROX.) | 4 Nos. |
| 6 | A.B. SWITCH | HORIZONTAL TYPE | 1 No. |
| 7 | H.V. STRAIN INSULATORS WITH HARDWARE | | 6 Nos. |
| 8 | JOINT SETS | PER NO. JOINT STD. G-2 | 2 Nos. |
| 9 | EXISTING MATERIAL CLAMP, NUTS, BOLTS ETC. | | AS REQUIRED |
| 10 | PIPE/ROD PARTS | PER NO. JOINT STD. J-2 | 1 No. |
| 11 | BASE PLATE | PER NO. JOINT STD. B-1 | 2 Nos. |

NOTE: THIS STANDARD IS PROVIDED FOR GUIDANCE ONLY. THE BIDDING CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE STRUCTURE. THE BIDDING CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE STRUCTURE. THE BIDDING CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE STRUCTURE.

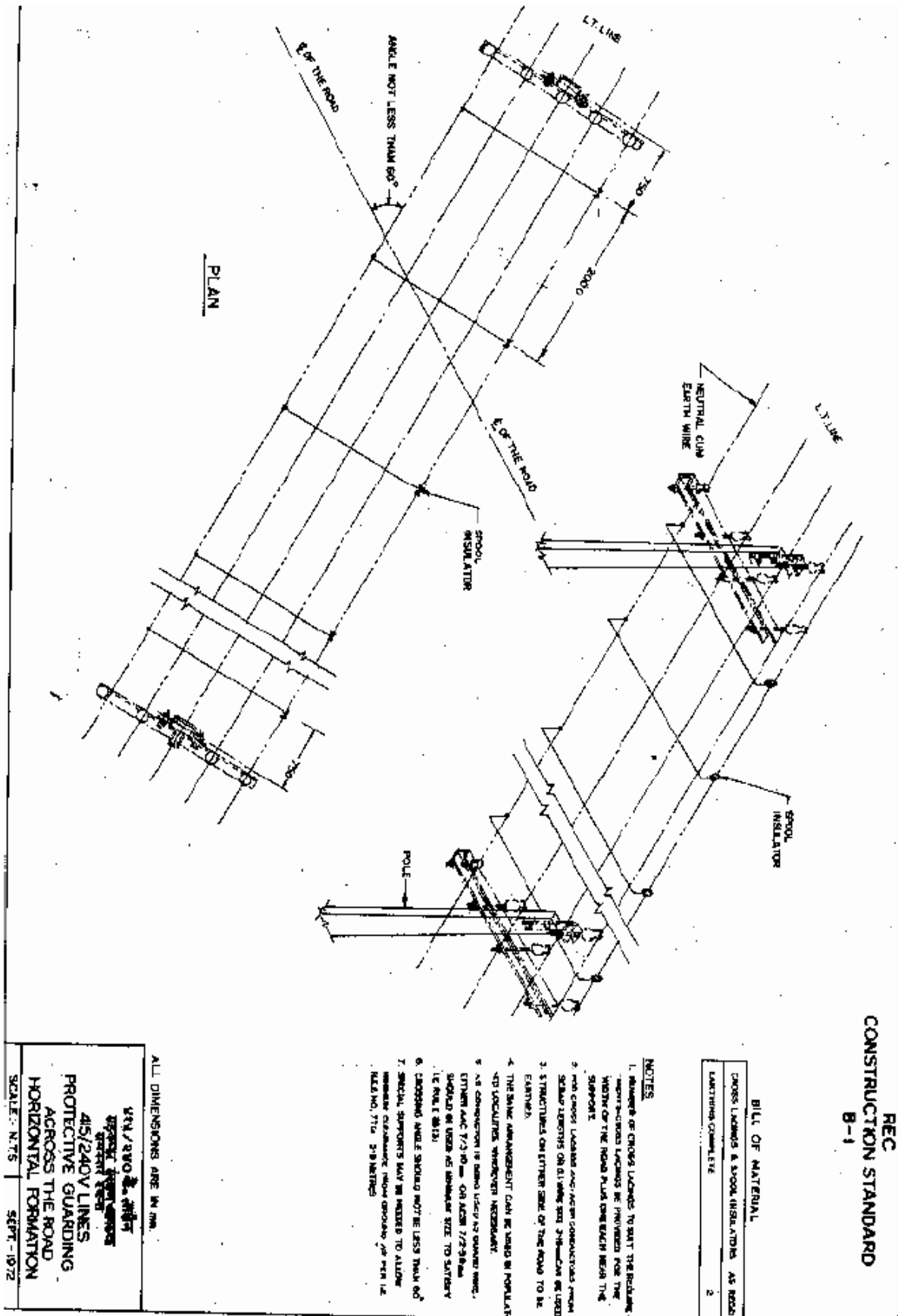
ALL DIMENSIONS ARE IN MM.
TAPING ARRANGEMENT
FIRST STRUCTURE OF LENGTHY
SPUR LINE

Date:
Sign & Stamp of the Bidder

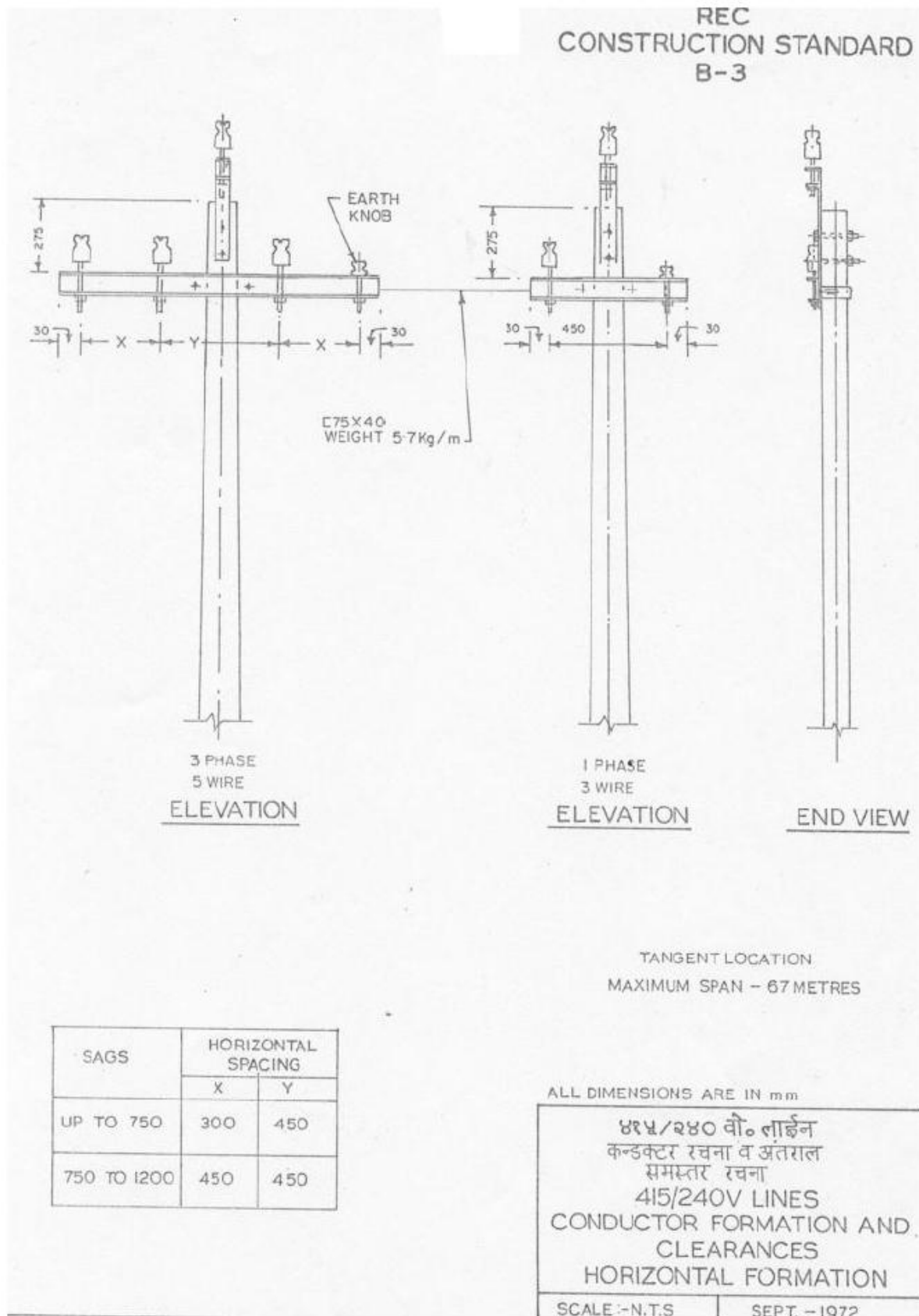
[illegible]

Page 10 | 15

Guarding under LT Line



LT Line Horizontal Formation and Clearances (415 V)

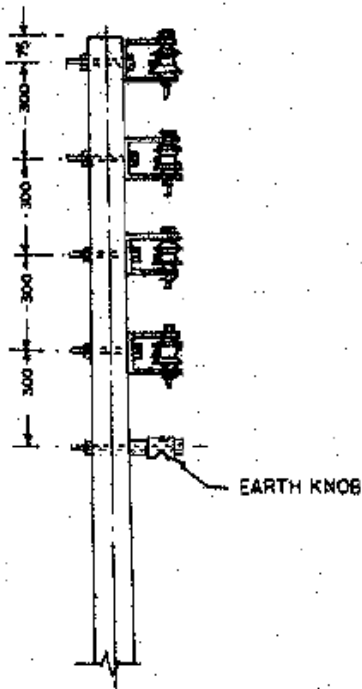


Date:

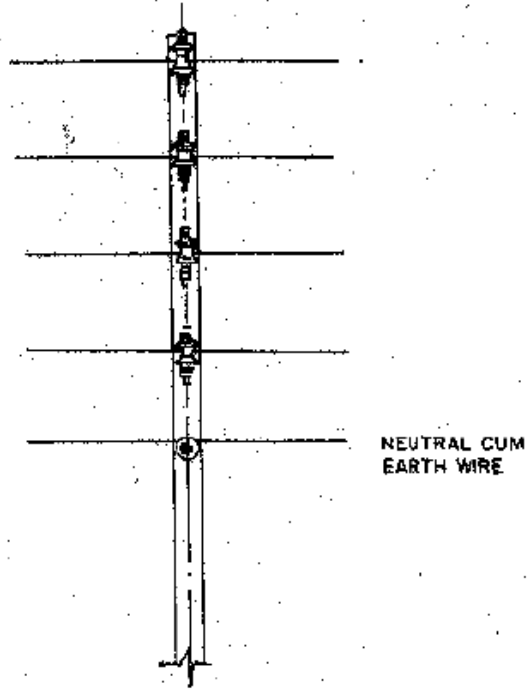
Sign & Stamp of the Bidder

LT Line Vertical Formation and Clearances (415 V)

REC CONSTRUCTION STANDARD B-4



ELEVATION



END VIEW

TANGENT- LOCATION
MAXIMUM SPAN — 67 METRES

ALL DIMENSIONS ARE IN mm.

४१५/२४० वी. लाईन
कन्डक्टर रचना व अंतराल
बडी रचना

415/240V LINES
CONDUCTOR FORMATION AND
CLEARANCES
VERTICAL FORMATION

SCALE: N.T.S

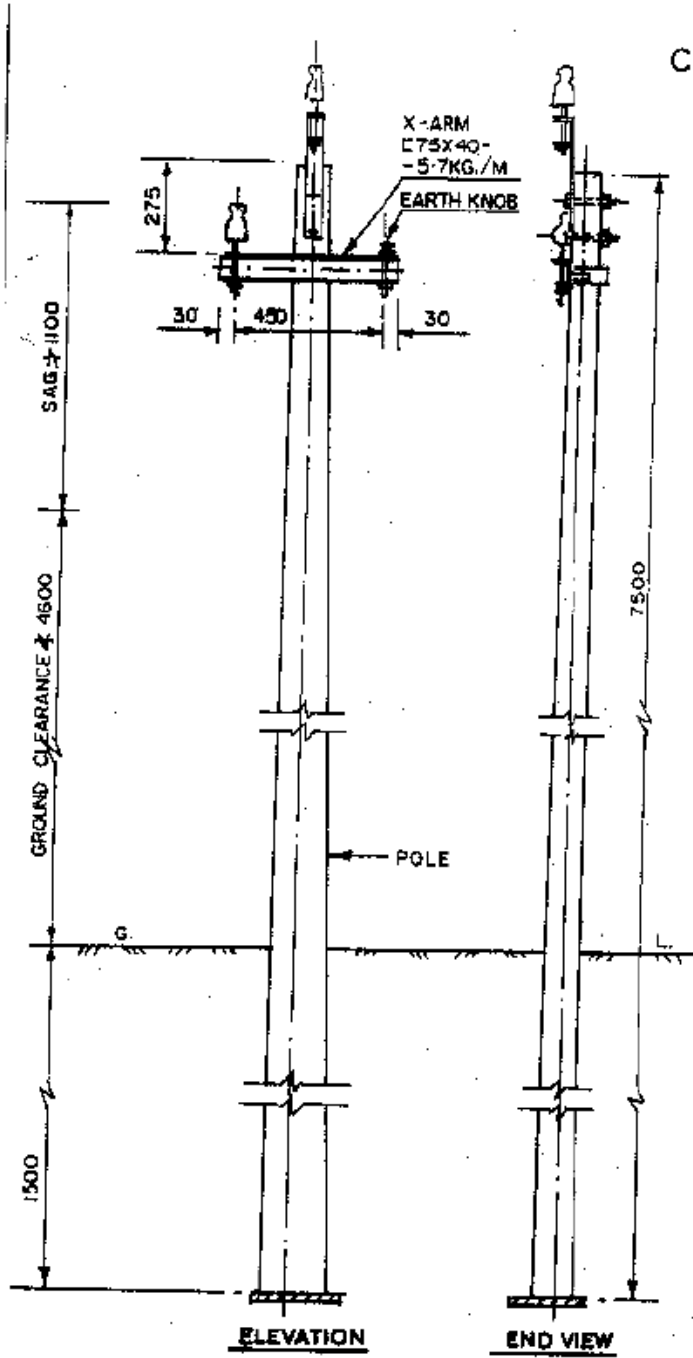
SEPT.-1972

Date:

Sign & Stamp of the Bidder

LT Line Horizontal Formation and Clearances (230 V)

REC
CONSTRUCTION STANDARD
B-14



BILL OF MATERIAL

| | |
|----------------------|---|
| 7.5M SUPPORT | 1 |
| CROSS-ARM | 1 |
| BACK CLAMP | 1 |
| L.T. PIN INSULATORS | 2 |
| L.T. PINS | 2 |
| EARTH KNOB | 1 |
| POLE TOP BRACKET | 1 |
| BOLTS 16 Ø WITH NUTS | 4 |

ALL DIMENSIONS ARE IN mm.

२४० वी. लाईन
कंडक्टर रचना एवं अंतराल
१०-३ तार (मिश्रित रचना)
240V LINES
CONDUCTOR FORMATION AND
CLEARANCES
10.3-W (HORIZONTAL FORMATION)

SCALE: N.T.S

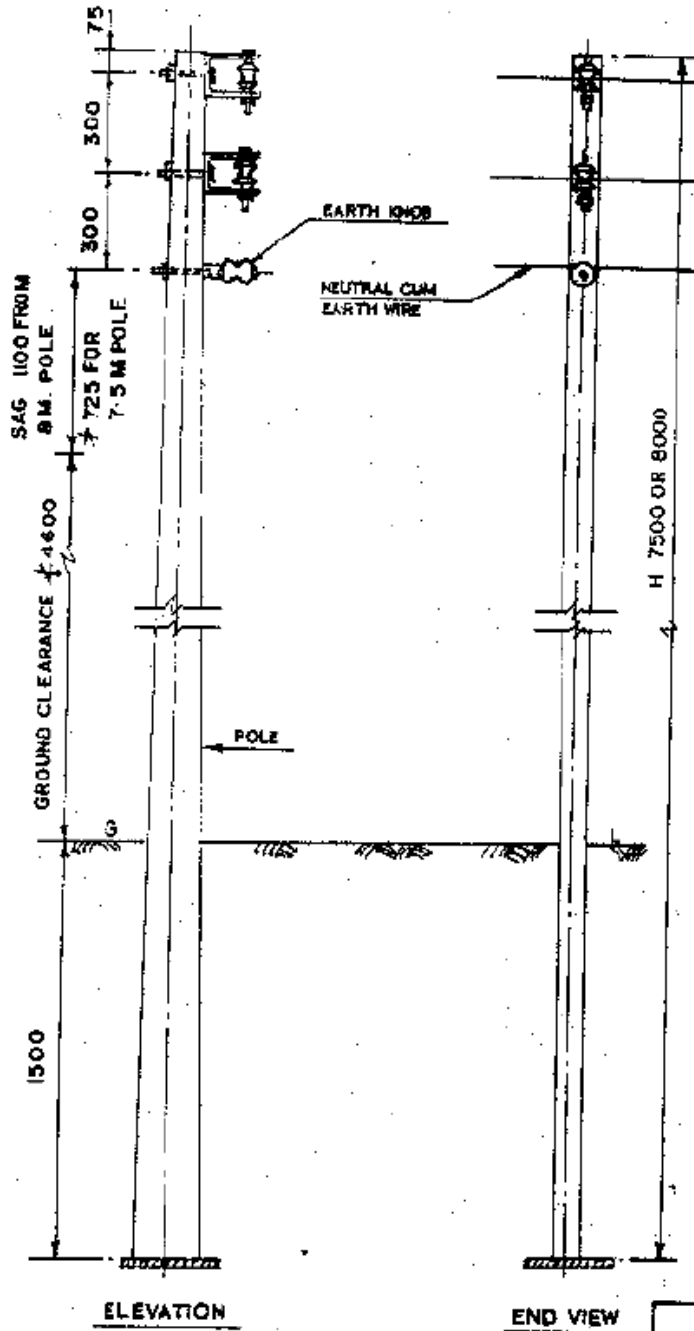
APRIL, 1981.

Date:

Sign & Stamp of the Bidder

LT Line Vertical Formation and Clearances (230 V)

REC
CONSTRUCTION STANDARD
B-15



BILL OF MATERIAL

| | |
|----------------------|---|
| SUPPORT 7.5M OR 8.0M | 1 |
| U-CLAMP | 2 |
| SHACKLE INSULATORS | 2 |
| EARTH KNOB | 1 |
| BOLTS 16 Ø WITH NUTS | 3 |

ALL DIMENSIONS ARE IN mm

२४० वोल्ट लाईन
कन्सट्रक्शन एवं क्लियरन्स
१ Ø-३ तार (खाली रखना)
240V LINES
CONDUCTOR FORMATION AND
CLEARANCES
1 Ø, 3-W VERTICAL FORMATIONS

SCALE: H.T.S.

APRIL, 1981

Date:

Sign & Stamp of the Bidder