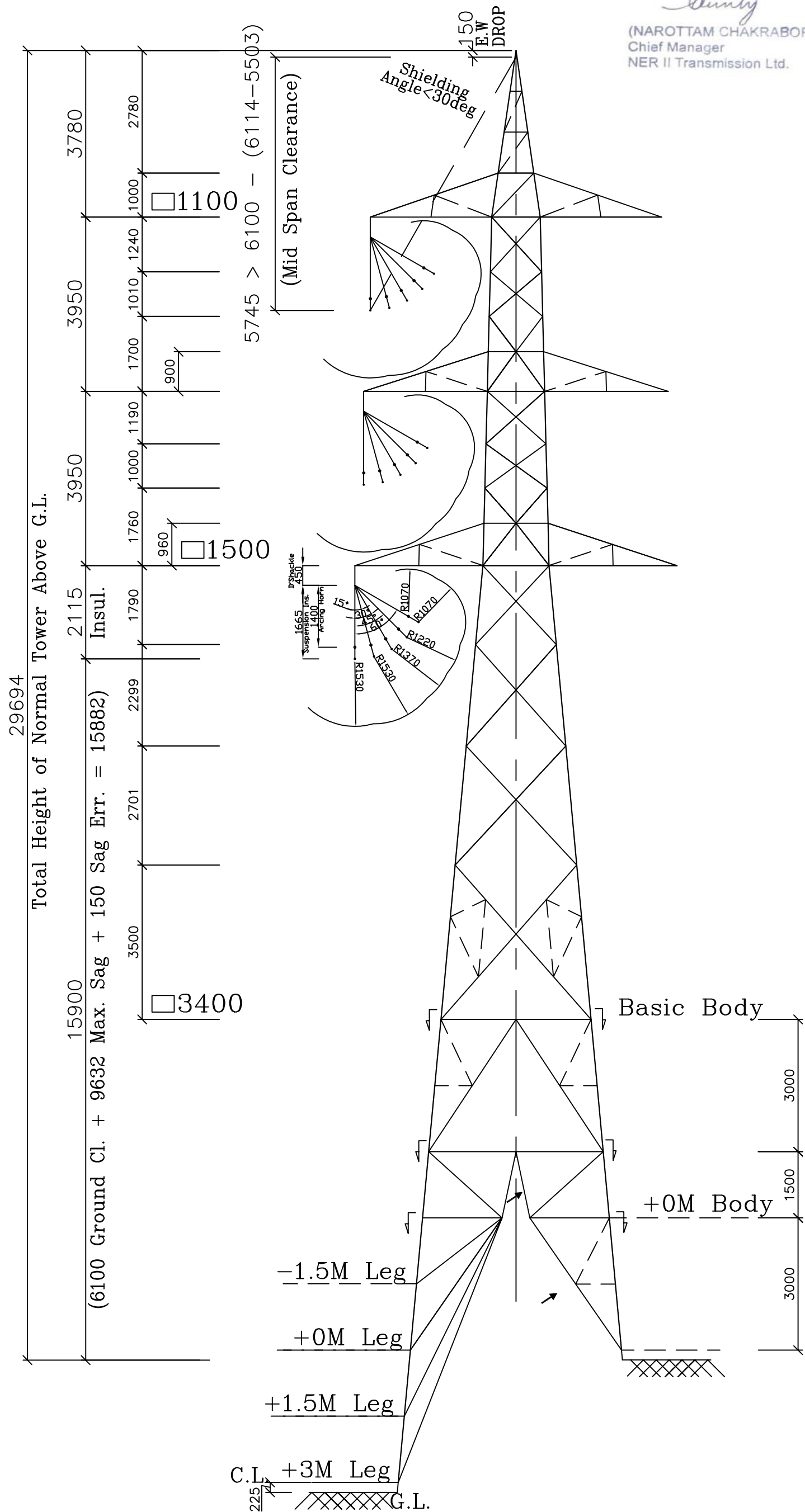
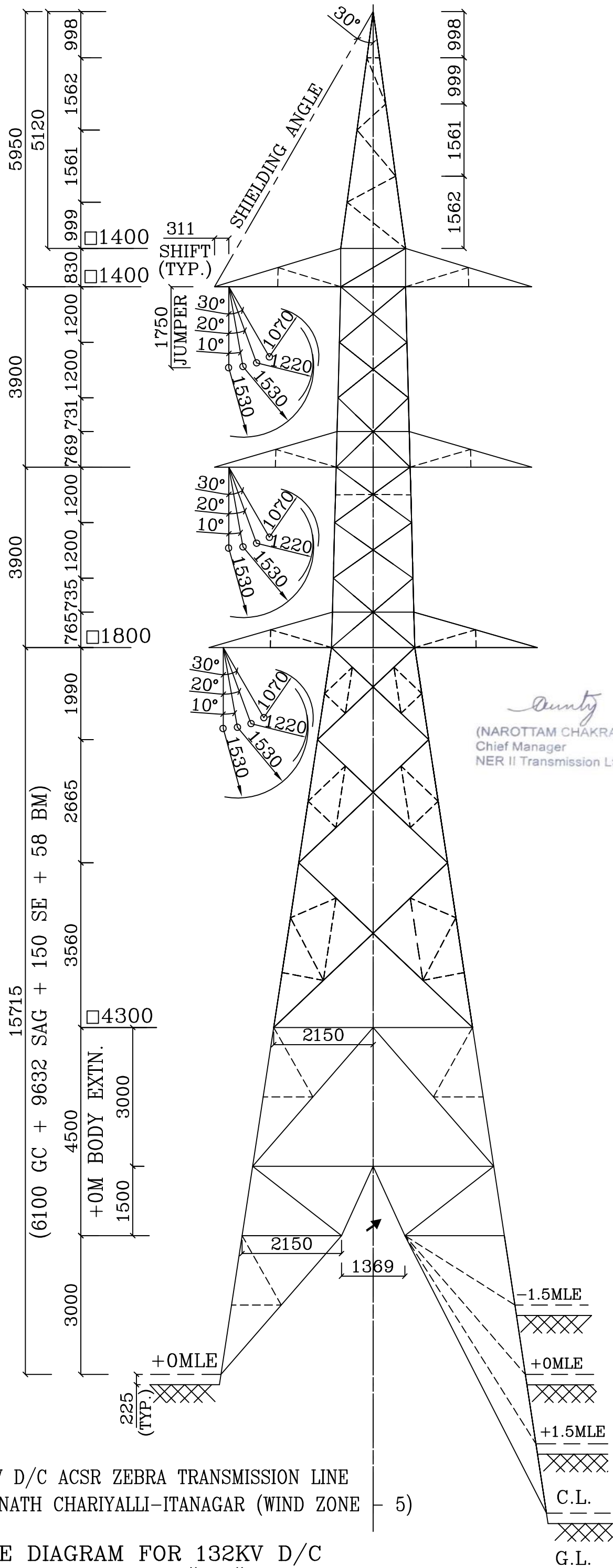


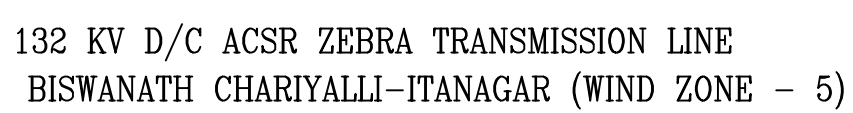


Biswanath Chariyalli (Powergrid) - Itanagar 132kV D/C
Transmission Line with Single ACSR Zebra Conductor
" T.T-DA (0° - 2° DEV.)" (SUSPENSION TOWER)



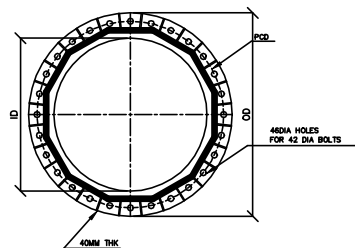
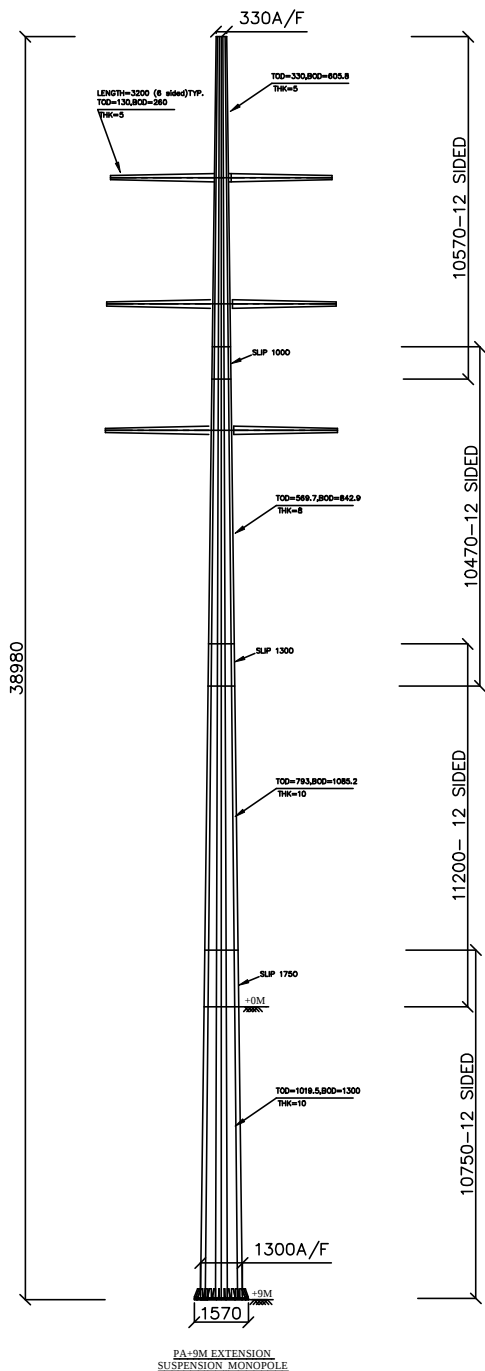
132 KV D/C ACSR ZEBRA TRANSMISSION LINE
BISWANATH CHARİYALLI-ITANAGAR (WIND ZONE - 5)

LINE DIAGRAM FOR 132KV D/C
ANGLE TOWER TYPE-"DB" (2°-15°)

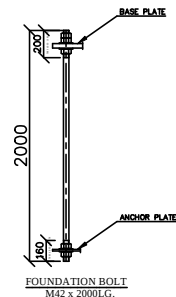


Aunty
(NAROTTAM CHAKRABORTY)
Chief Manager
NER II Transmission Ltd.

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Chief Manager
NER II Transmission Ltd.



BASE PLATE DIAGRAM



TYPE MONOPOLE	OD	ID	PCD	NO. OF BOLTS
PA+9	1570	1180	1440	28
PA+6	1490	1100	1360	28
PA+3	1410	1020	1280	24
PA+0	1350	965	1220	24

BASE PLATE DETAILS

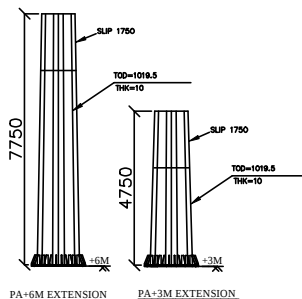
Aunty
(NAROTTAM CHAKRABORTY)
Chief Manager
NER II Transmission Ltd.

NOTES:-

1. ALL DIMENSIONS ARE IN mm.
2. A/F - ACROSS FLAT.
3. TOD - TOP OUTER DIA.
4. BOD - BOTTOM OUTER DIA.
5. THK - THICKNESS
6. OD - OUTER DIA.
7. ID - INNER DIA.
8. PCD - PITCH CIRCLE DIA.
9. C.L. - CONCRETE LEVEL.

TECHNICAL NOTES:-

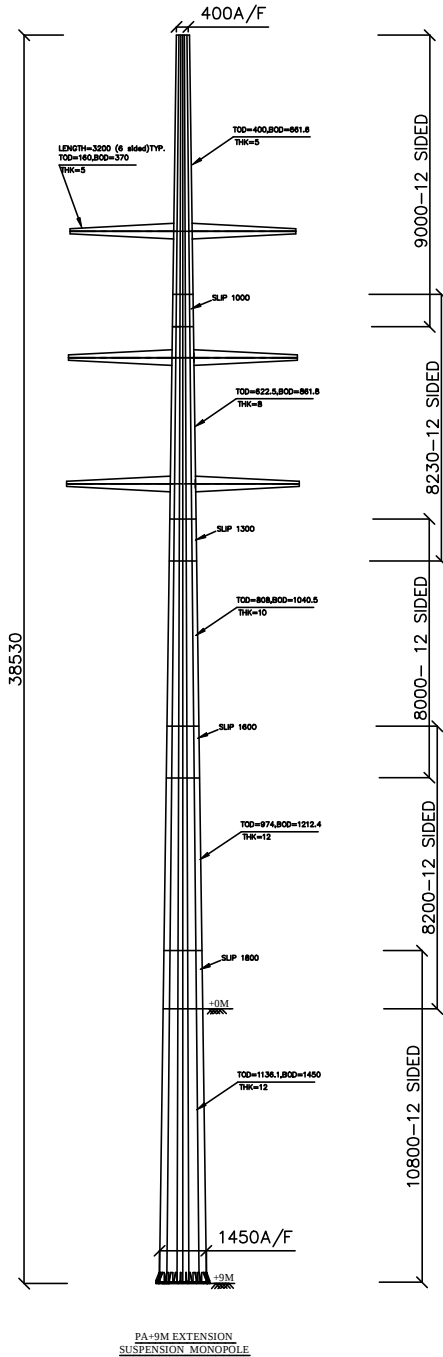
1. The Monopole design is as per IS:802 (Part 1 / SEC 2) & IS:802 (Part 1 / SEC 1) - 2015.
2. The material used are as follows:-
a. Shaft & cross arm - A572 GR65 or Equi.
b. Base plate - A572 GR50 or Equi.
c. Anchor bolt - 6.8 Grade
d. Connection bolts - 8.8 Grade
3. Monopole is designed for a basic wind speed of 50m/s (WZ-5).



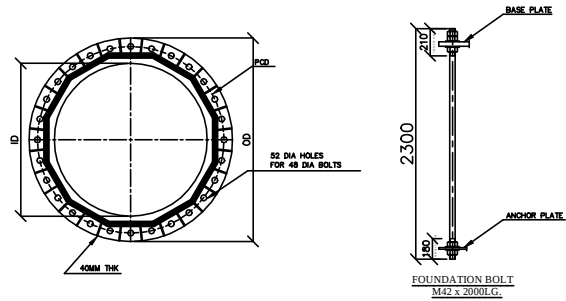
REV	DATE	DESCRIPTION	DRAWN	CHKD	APPD
OWNER :- Sterlite Power STERLITE POWER GRID VENTURES LIMITED					
PURCHASER :-					
SPECIFICATION NUMBER. :-					
PROJECT :- NERS-132 KV D/C TRANSMISSION LINE					
TITLE:- LINE DIAGRAM FOR 132 KV D/C ACSR ZEBRA (WIND ZONE - 5) " PA (0° - 2° DEV.)" (SUSPENSION MONOPOLE)					
DRAWN BY	TK	28.03.17	SCALE	INTS	
DESIGN BY	TK		DESIGN NO.:-		
CHECKED BY	TK				
APPD. BY	DL		REVISION	0	

SHEET NO.:
1 OF 1

Aunty
(NAROTTAM CHAKRABORTY)
Chief Manager
NER II Transmission Ltd.



PA+9M EXTENSION
SUSPENSION MONOPOLE



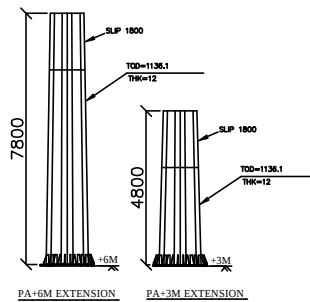
BASE PLATE DIAGRAM

TYPE MONOPOLE	OD	ID	PCD	NO. OF BOLTS
PB+9	1750	1320	1600	32
PB+6	1670	1239	1520	32
PB+3	1580	1150	1430	28
PB+0	1520	1088	1370	28

BASE PLATE DETAILS

NOTES:-

- ALL DIMENSIONS ARE IN mm.
 - A/F - ACROSS FLAT.
 - TOD - TOP OUTER DIA.
 - BOD - BOTTOM OUTER DIA.
 - THK - THICKNESS
 - OD - OUTER DIA.
 - ID - INNER DIA.
 - PCD - PITCH CIRCLE DIA.
 - C.L. - CONCRETE LEVEL
 - T.I. - TENSION INSULATOR
- TECHNICAL NOTES:-**
- The Monopole design is as per IS:802 (Part 1 / SEC 2) & IS:802 (Part 1 / SEC 1) - 2015.
 - The material used are as follows:-
 - Shaft & cross arm - A572 GR65 or Equi.
 - Base plate - A572 GR50 or Equi.
 - Anchor bolt - 6.8 Grade
 - Connection bolts - 8.8 Grade
 - Monopole is designed for a basic wind speed of 50m/s (WZ-5).



PA+6M EXTENSION

PA+3M EXTENSION

REV	DATE	DESCRIPTION	DRAWN	CHKD	APPD
OWNER :- Sterlite Power STERLITE POWER GRID VENTURES LIMITED					
PURCHASER :-					
SPECIFICATION NUMBER. :-					
PROJECT :- NERSS-132 KV D/C TRANSMISSION LINE					
TITLE :- LINE DIAGRAM FOR 132 KV D/C ACSR ZEBRA (WIND ZONE - 5) "PB (0° - 15° DEV.)" (TENSION MONOPOLE)					
DRAWN BY	TK	31.03.17	SCALE	INTS	
DESIGN BY	TK		DESIGN NO.:-		
CHECKED BY	TK				
APPD. BY	DL		REVISION	0	

SHEET NO.:
1 OF 1