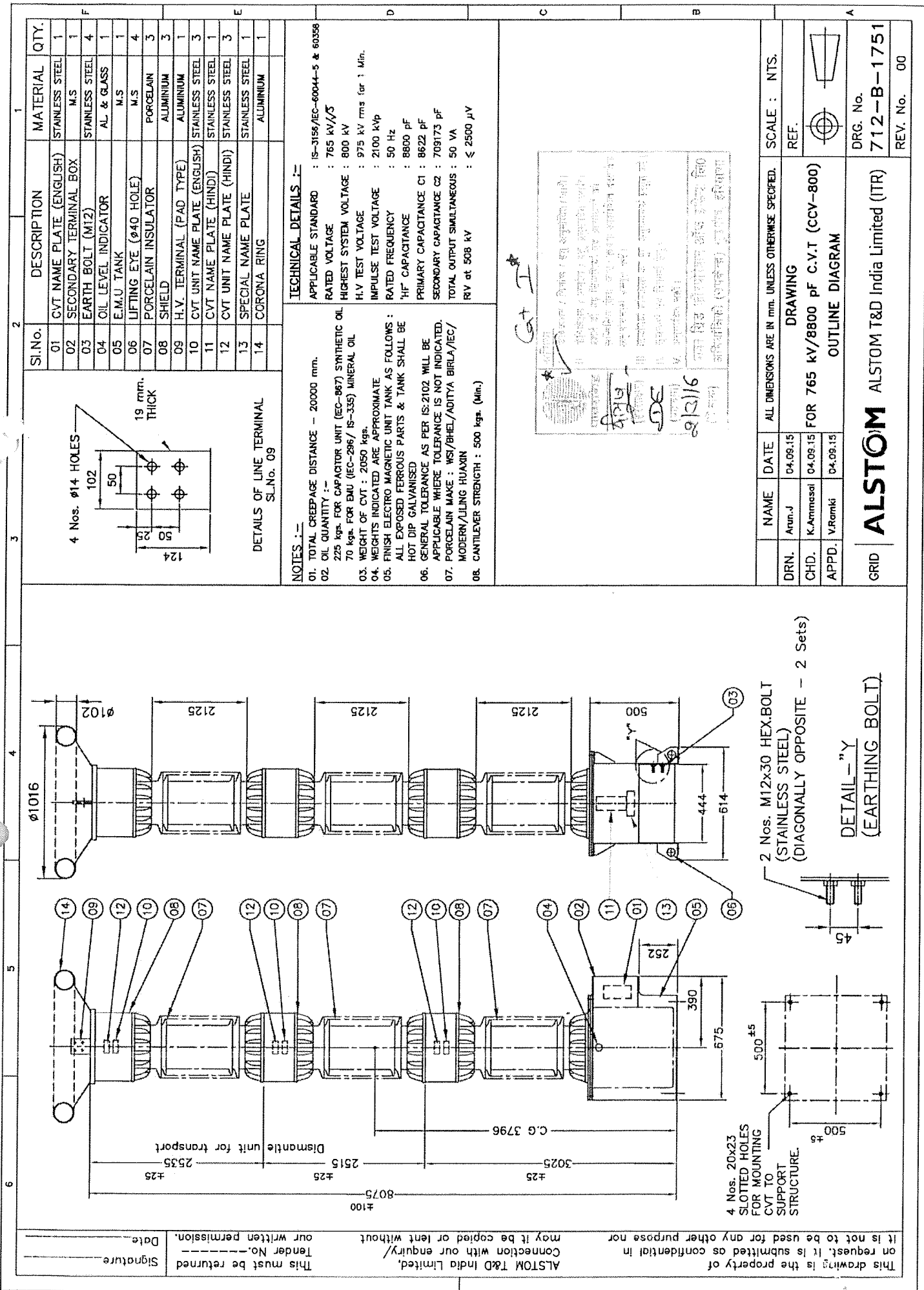




Sl.No.	DESCRIPTION	MATERIAL	QTY.
01	CVT NAME PLATE (ENGLISH)	STAINLESS STEEL	1
02	SECONDARY TERMINAL BOX	M.S	1
03	EARTH BOLT (M12)	STAINLESS STEEL	4
04	OIL LEVEL INDICATOR	AL & GLASS	1
05	E.M.U TANK	M.S	1
06	LIFTING EYE (Ø40 HOLE)	M.S	4
07	PORCELAIN INSULATOR	PORCELAIN	3
08	SHIELD	ALUMINIUM	3
09	H.V. TERMINAL (PAD TYPE)	ALUMINIUM	1
10	CVT UNIT NAME PLATE (ENGLISH)	STAINLESS STEEL	3
11	CVT NAME PLATE (HINDI)	STAINLESS STEEL	1
12	CVT UNIT NAME PLATE (HINDI)	STAINLESS STEEL	3
13	SPECIAL NAME PLATE	STAINLESS STEEL	1
14	CORONA RING	ALUMINIUM	1

TECHNICAL DETAILS :-

APPLICABLE STANDARD : IS-3196/IEC-60044-5 & 60358
RATED VOLTAGE : 765 kV//5
HIGHEST SYSTEM VOLTAGE : 800 kV
H.V TEST VOLTAGE : 975 kV rms for 1 Min.
IMPULSE TEST VOLTAGE : 2100 kVp
RATED FREQUENCY : 50 Hz
'HF' CAPACITANCE : 8800 pF
PRIMARY CAPACITANCE C1 : 8622 pF
SECONDARY CAPACITANCE C2 : 709173 pF
TOTAL OUTPUT SIMULTANEOUS : 50 VA
RV at 508 kV : $\leq 2500 \mu V$

NOTES :-

01. TOTAL CREEPAGE DISTANCE - 20000 mm.
02. OIL QUANTITY :-
225 kgs. FOR CAPACITOR UNIT (IEC-967) SYNTHETIC OIL
70 kgs. FOR EMU (IEC-296/ IS-335) MINERAL OIL
03. WEIGHT OF CVT : 2050 kgs.
04. WEIGHTS INDICATED ARE APPROXIMATE
05. FINISH ELECTRO MAGNETIC UNIT TANK AS FOLLOWS :
ALL EXPOSED FERROUS PARTS & TANK SHALL BE
HOT DIP GALVANISED
06. GENERAL TOLERANCE AS PER IS:2102 WILL BE
APPLICABLE WHERE TOLERANCE IS NOT INDICATED.
07. PORCELAIN MAKE : WSI/BHEL/ADITYA BIRLA/IEC/
MODERN/LING HUAXIN
08. CANTILEVER STRENGTH : 500 kgs. (Min.)

DETAILS OF LINE TERMINAL
SL.No. 09

Star

Signature

Date

NAME	DATE	ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE SPECIFIED.	SCALE : NTS.
DRN. Anu-J	04.09.15	DRAWING	REF.
CHD. K.Annaseli	04.09.15	FOR 765 kV/8800 pF C.V.T (CCV-800)	
APPD. V.Ramki	04.09.15	OUTLINE DIAGRAM	
GRID		ALSTOM T&D India Limited (ITR)	DRG. No. 712-B-1751
			REV. No. 00

ALSTOM

SCHEMATIC DIAGRAM SHOWING
765kV/8800pF CVT (TYPE : CCV 800)
MOUNTED ON STRUCTURE

DRG. No.

717-A-120

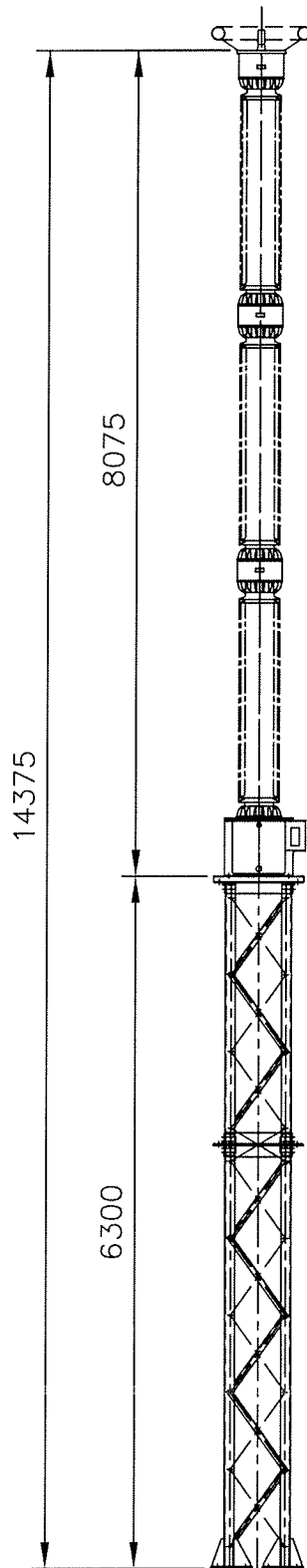
Signature_____

Date_____

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Tender No.-----
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Connection with our enquiry/
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It is not to be used for any other purpose nor



CHKD. K.Ammasai
17.05.2016

NOTE:- 1. ALL DIMENSIONS ARE IN mm.
2. FOR GENERAL TOLERANCE $\pm 2\%$

APPD. S.Mohan
17.05.2016