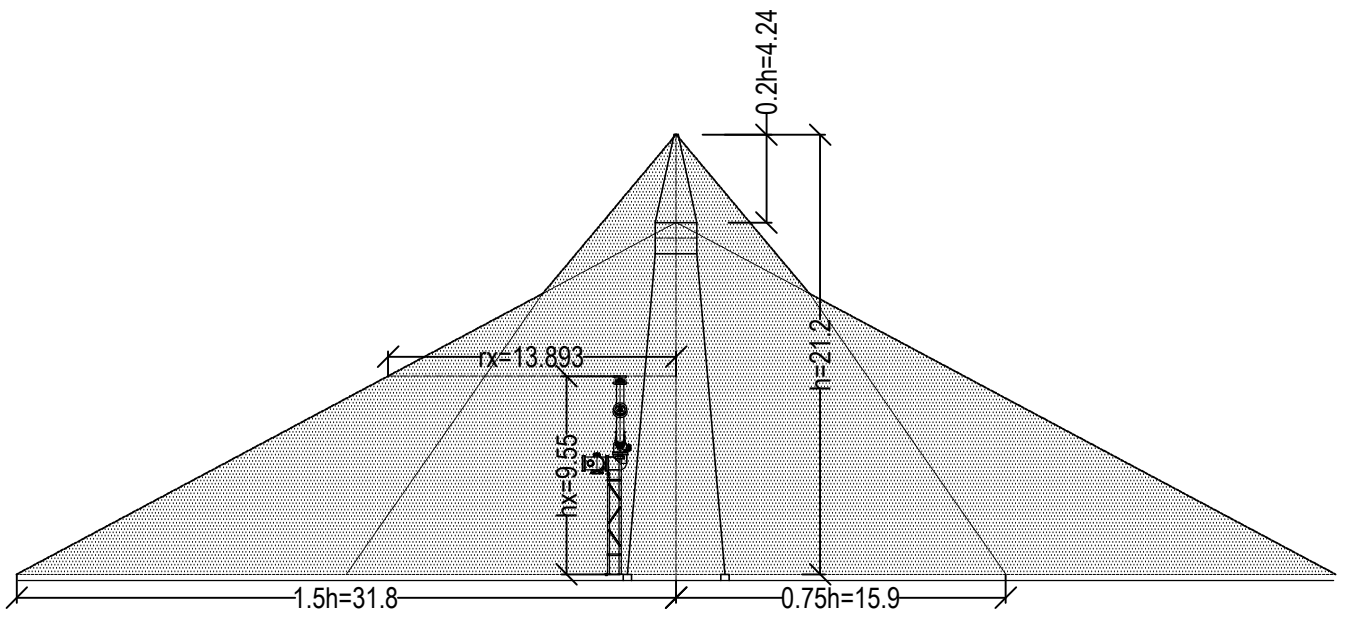


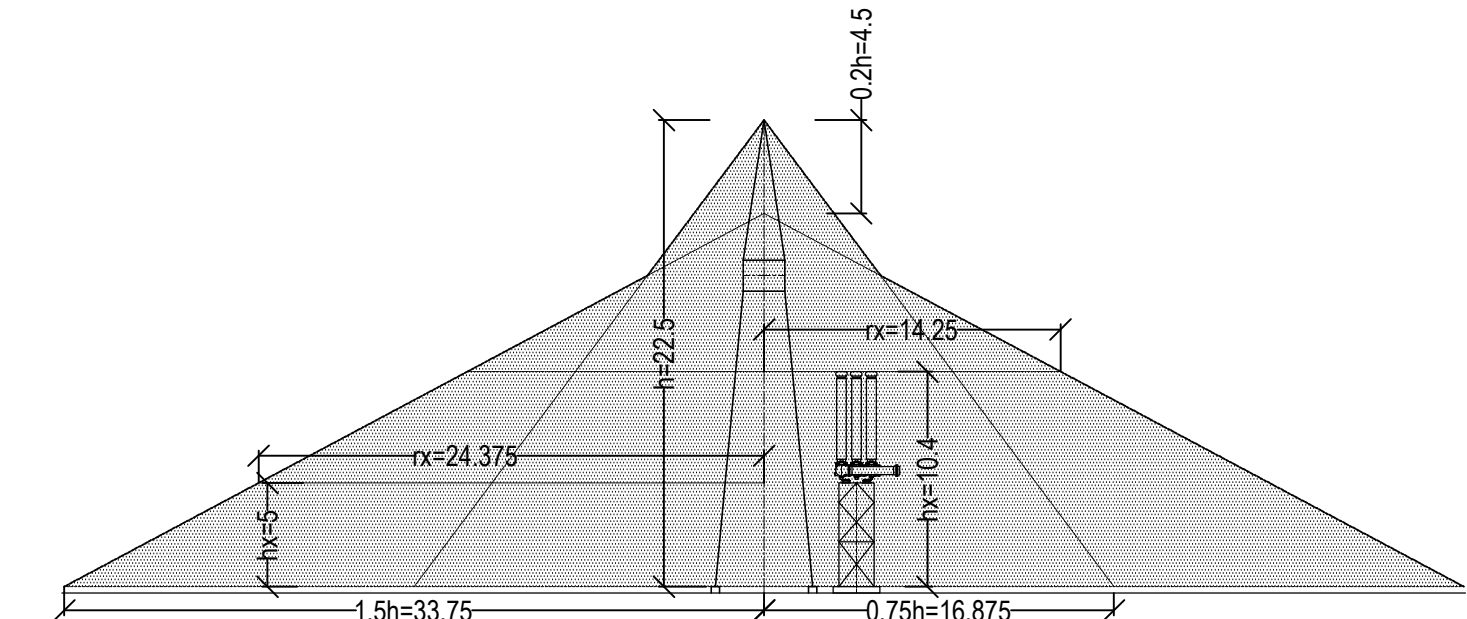
- NOTES:
1. ALL DIMENSIONS & CO-ORDINATES ARE IN METRE UNLESS OTHERWISE SPECIFIED.
 2. CO-ORDINATES OF LM :

DETAILS	TOWER TYPE	X	Y
LM-1	TA	0.00	0.00
LM-2	TA	0.00	24.00
LM-3	TA	5.25	55.57
LM-4	TA	5.25	55.57
LM-5	TA	-35.75	4.57
LM-6	TA	-35.75	36.57
LM-7	TA	-35.75	60.57
LM-8	CA	-68.25	26.07
LM-9	CA	-68.25	58.07
LM-10	CA	-106.80	7.75
LM-11	CA	-106.80	39.75
LM-12	CA	-106.80	71.75

- LOCATION OF LM-1 HAS BEEN CONSIDERED AS REFERENCE (0.0, 0.0) FOR DSLP DESIGN CALCULATION.
3. REFER 'DESIGN OF DSLP SYSTEM' FOR DESIGN CALCULATIONS.
4. FOR DSLP OF GIS BUILDINGS REFER RESPECTIVE DSLP LAYOUT DRAWING.



TYPICAL DETAILS OF PROTECTION ZONE WITH SINGLE LM (220 kV TOWER CA)

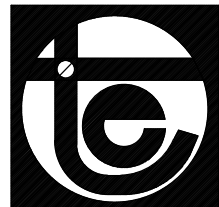


TYPICAL DETAILS OF PROTECTION ZONE WITH SINGLE LM (400 kV TOWER TA)

LEGENDS:

- ZONE OF PROTECTION WITH LM (TOWER TYPE -TA)
- ZONE OF PROTECTION WITH PARALLEL EARTHWIRES
- ZONE OF PROTECTION WITH LM (TOWER TYPE-CA)
- EARTH WIRE.

AS BUILT

1	SECOND SUBMISSION	C.R.	A.B.	B.B.M	19.04.16
0	FIRST SUBMISSION	C.R.	A.B.	B.B.M	05.08.15
REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
		DESCRIPTION			
OWNER	PATRAN TRANSMISSION COMPANY LIMITED				
CONTRACTOR:		TECHNO ELECTRIC & ENGG. CO. LTD. ENGINEERS & CONSTRUCTORS KOLKATA , INDIA			
THIS DRAWING IS THE PROPERTY OF M/S TECHNO ELECTRIC & ENGG. CO. LTD. AND NOT TO BE COPIED OR USED WITHOUT THEIR PRIOR PERMISSION.					
NOA NO.	SUPPLY	PTCL-PATRAN/KOL/14-15/CA-13 DTD 01.02.2014			
	ERECTION	PTCL-PATRAN/KOL/14-15/CA-14 DTD 01.02.2014			
PROJECT	TRANSMISSION SYSTEM FOR PATRAN 400 KV S/S.				
SUB-STATION	400 / 220 KV GIS SUBSTATION AT PATRAN				
DRG. TITLE	DSLP LAYOUT FOR SWITCHYARD				
DRG. No.	0701PA_PTRN_SWYD_E_DRG_44_005				
SCALE :	NTS	JOB No. :	0701PA	SHEET :	1 OF 1