

66 KV SC/DC Tower line Remunale to Charik

TOWER SCHEDULE						Sr.NO
S.No.	TOWER LOCATION	TYPE OF TOWER	ANGLE OF DEVIATION	SPAN (M)	REMARKS	
1.	GANTRY					1.
				28M		2.
2.	TL.NO-1	D-60°	D.T.TL-2	220M	PKHAL	3.
3.	TL.NO-2	D-2°+3M		220M	11KV.	4.
4.	TL.NO-3	D-30°+6M	25°-06°R	210M	ROAD, FOREST STRIP	1.
5.	TL.NO-4	D-30°	25°-10°L	214M	KPATH, 400KV. LINE TWD - NKS	2.
6.	TL.NO-5	D-30°	SECTIONAL TOWER	182M	PKHAL, KPATH, 2NO. 11KV.	3.
7.	TL.NO-6	D-2°		185M	PKHAL, MINOR	
8.	TL.NO-7	D-60°	31°-10°L	180M	(-) 1.5 m Storey Legs 400KV. LINE MODA - BWD	
9.	TL.NO-8	D-60°	33°-45°R	230M	(-) 1.5 m Storey Legs LT.	
10.	TL.NO-9	D-2°+3m		232M	LT., KPATH, LOW AREA	
11.	TL.NO-10	D-2°+3M		235M	11KV., KPATH, LOW AREA	
12.	TL.NO-11	D-2°		235M	LT., KPATH	
13.	TL.NO-12	D-30°+3M	4°-55°L	240M	11KV.	
14.	TL.NO-13	D-2°		238M	2NO. LT., 11KV., KPATH	
15.	TL.NO-14	D-2°		238M	LT., 11KV.	
16.	TL.NO-15	D-60°	33°-55°L	240M	11KV.	
17.	TL.NO-16	D-2°	(-) 1.5 Storey Legs	200M	400KV. LINE TWD - NKS	
18.	TL.NO-17	D-60°	36°-15°R	212M	(-) 1.5 Storey Legs LT., 11KV., KPATH	
19.	TL.NO-18	D-2°+3M		215M	11KV., KPATH	
20.	TL.NO-19	D-30°	12°-15°L	223M	2NO. 11KV., KPATH	
21.	TL.NO-20	D-2°+3M		225M	2NO. KPATH, 2NO. 11KV.	
22.	TL.NO-21	D-30°	16°-05°R	240M		
23.	TL.NO-22	D-2°+6M		225M	4NO. 11KV., ROAD, FOREST STRIP	
24.	TL.NO-23	D-60°+6M(A-X-A)	D.T.TL-22	30M		
25.	TL.NO-24	D-60°+A-X-A	D.T.TL-23	20M		
26.	GANTRY					
27.	TOTAL			4917		

Sr.NO	TYPE OF TOWER	NORMAL	3M EXTN	6M EXTN	Add.X-RM
1.	D-2°	11 ✓	5 ✓	1 ✓	—
2.	D-30°	6 ✓	1 ✓	1 ✓	
3.	D-60°	7 ✓	—	1 ✓	3x2=6
4.	TOTAL	24 ✓	6 ✓	3 ✓	3x2=6

1.	LENGTH OF LINE	4.917 KM ✓
2.	SIZE OF COND.	0.2 Sq" ✓
3.	SIZE OF EWIRE	7/224 mm ✓

JKS

SHORTEST DISTANCE M

66KV.G/S/S
RAMUWALA

4.710M

TL.NO-22	D-2°+6M	240M	
TL.NO-23	D-60°+6M(A-X-A)	225M	4NO.11KV.ROAD, FOREST STRIP
TL.NO-24	D-60°+A-X-A	30M	
GANTRY		20M	
TOTAL		4917	

T.L. NO-1
D-60°
D.T.W.TL-2

T.L. NO-2
D-2°+3M

T.L. NO-3
D-30°+6M
25°-06° R
IN BI SEC.

EXT. TL- 0260
A-0°+9M
46°-55° L
IN BI SEC

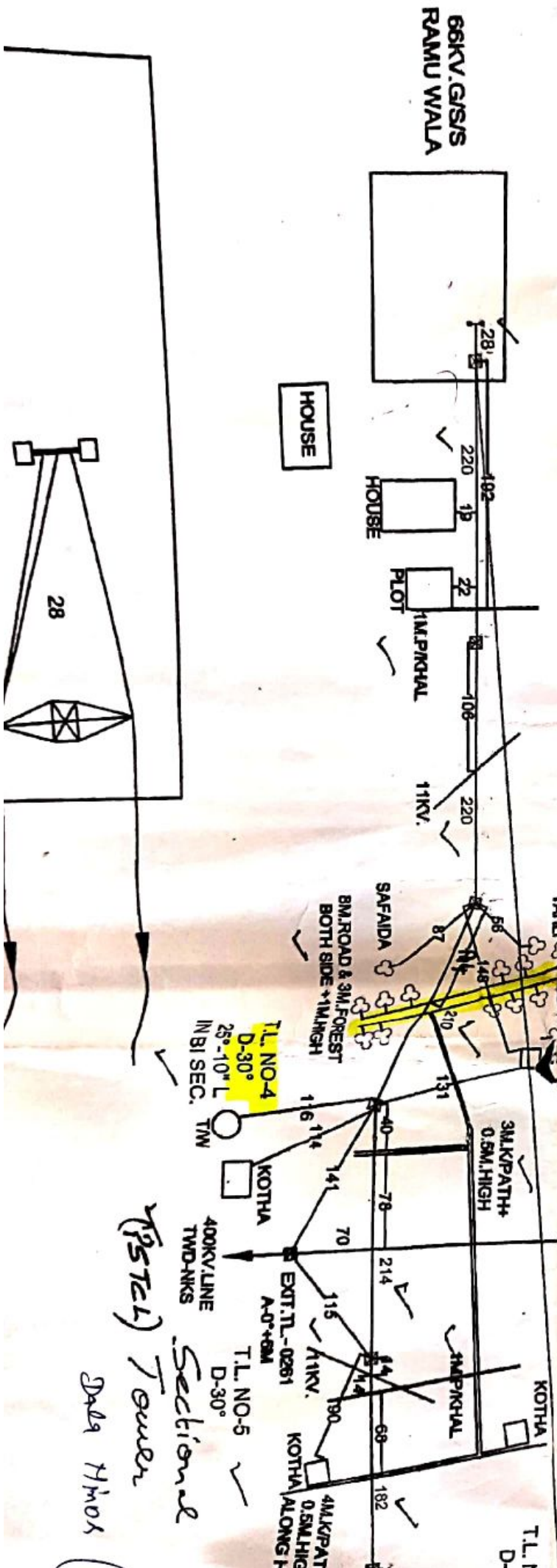
T.L. NO-4
D-30°
25°-10° L
IN BI SEC. TW

400KV/LINE
TWO-WKS

T.L. NO-5
D-30°

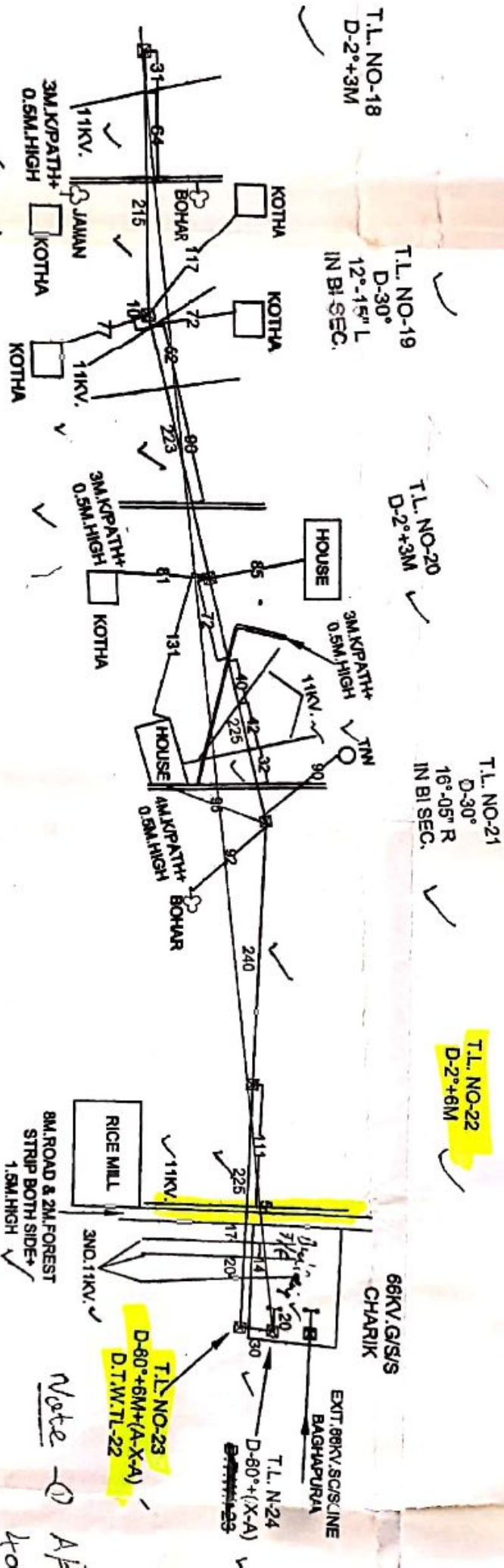
Sectional
Tower

Date 7/10/04



11/11/2019 (17/09/2019) Survey 15799/2019
 K-10.5 mhr. Shreylen

Forest area = $(18 \times 1.5) \times 2 = 54 \text{ sq. Meters}$
 Area in ha. = 0.0054

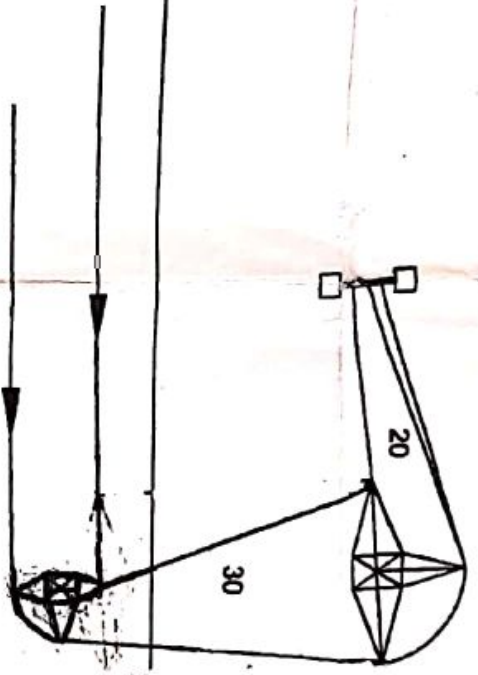


Note - ①

AF
 40
 b
 (g) App
 be a
 line
 your
 on

66KV.G/S/S
CHARIK

T.L. NO-24
D-60*(A-X-A)



T.L. NO-23
D-60*+6M*(A-X-A)
D.T.W.TL-22

SC/SC LINE
PURA

L. NO-24
0*(A-X-A)

ENLARGE VIEW OF PROP. TL-24

- ① Approval of authorized person of P.S.T.C. should be obtained for crossing of 400 KV TWS - NKS line with subject cited line at T.L. No. 4-5 and T.L. No. 15-17 before taking work in hand.
- ② Approval of authorized person of P.G.C.I.L. should be obtained for crossing of Moga - Bhindri 400 KV line with subject cited line at T.L. No. 7-8 at your level before taking work in hand.
- ③ Dismantled material if any, should be returned to store.

M/S YOGESHWAR KUMAR PATAIA

Visit CHD/T&S. CELL PTA	19.1.17 A.E.E./TD-2 P.S.P.C.L.PTA.	19.1.17 SRXEN/TD-2 P.S.P.C.L.PTA.	19.1.17 DYCENTRANS DESIGN-2 PTA
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- ਨੋਟ- 1. ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਹੁਣ ਪਲਾਨ ਪਿਊਰਲੀ ਤਕਨੀਕੀ ਅਧਾਰ ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਹੈ ਕਿਸੇ ਆਦਮੀ ਨੂੰ ਕੋਈ ਲਾਭ ਨਹੀਂ ਦਿਤਾ ਗਿਆ।
2. ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਜੇ ਵਰੋਸਟ ਸਟਰਿਪ ਦੀ ਕਰਸਿੰਗ ਦੇ ਵੇਲੇ ਪਾਸੇ ਐਗਲ ਟਾਵਰ ਸਮੇਤ Exinction ਪ੍ਰੋਜੈਕਟ ਗਏ ਹਨ ਤਾਂ ਜੋ ਰੁਖਾਂ ਦੀ ਕਟ ਛਾਟ ਕਰਕੇ ਹੀ ਲਾਈਨ ਖੋਲ੍ਹੇ ਜਾਣੇ
3. ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਇਸ ਦਾ ਹੁਣ ਪਲਾਨ ਮੁੱਖ ਇਸ: TS ਦੇ ਪਟਿਆਲਾ ਦੇ ਪੱਤਰ ਨੰ. 2587 ਮਿਤੀ 25-07-2016 ਦੁਆਰਾ ਪਾਸ ਹੁਣ ਪਲਾਨ ਅਨੁਸਾਰ ਕੀਤਾ ਗਿਆ ਹੈ।
4. ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਪਹਿਲਾਂ ਤਸਦੀਕ 66 ਕੀ.ਫੀ ਜਾਂ ਇਸ ਉੱਤੇ ਵੱਡੇ ਵੱਡੇ ਟਾਕਰੇ ਸ਼ਾਮਲ ਹੋਣ ਤੇ ਇਸਦਾ ਇਸ ਪ੍ਰੋਜੈਕਟ ਤੋਂ ਪਾਸਾ ਦੇ ਪਾਸੇ ਦੇ ਕਸਿਲੇ ਵਿੱਚੋਂ ਕੋਈ ਹੋਰ ਸਾਈਟ ਨਹੀਂ ਮਿਲਦੀ।

DR. C. C. L. PATIALA

ADD. S. C. L. B. T.

A. E. E. L. S. D. M. P. S. C. L. B. T.

CERTIFICATE :-

1. CERTIFIED THAT THE PROPOSED ROUTE IS SHORTEST ONE
2. THE CONST. WORK WILL BE TAKEN IN HAND AFTER GETTING THE NECESSARY CLEARANCE FROM FOREST AND PTCC AUTHORITIES
3. THE FOUNDATION OF TOWERS WILL BE LAID AS PER DRAWINGS ISSUED BY CIVIL DESIGN DIRECTORATE.
4. THERE IS NO LARGE FOREST, AERODROME, FACTORIES EMITTING ACIDIC FUMES UNDER OR NEAR LINE. THE OTHER FACTORIES SHELLERS ETC. WHICH COMES NEAR THE LINE ARE UNAVOIDABLE.
5. THE LT/11KV LINE WILL BE LOWERED/SHIFTED TO GET ADEQUATE CONDUCTOR TO CONDUCTOR CLEARANCE.
6. THE NECESSARY PROVISION MADE IN THE ESTIMATE TO MEET THE CHARGES OF LOWERING/SHIFTING OF LT/11KV LINES.
7. EVERY TOWER LOCATION HAS BEEN CHECKED BY ME SUITABLE FOR STUBBING.
8. NO TP LINE RUNS PARALLEL WITH IN 500M. DISTANCE ON EITHER SIDE OF PROPOSED LINE.
9. FOREST AND PTCC CASES WILL BE SUBMITTED WELL IN TIME I.E NOT LATER THAN 15 DAYS AFTER APPROVAL OF THE ROUTE.
10. SPAN LENGTH ACTUAL AS PER SITE.
11. PROP. LINE ALONG EXIST. LINE BECAUSE TO AVOID LONG SHUT DOWN.
12. CERTIFIED THAT PROP. ANGLE TOWER DUE TO FOREST STRIPS.


ADD. SE. PL
DIVN. P.S.P.C.L. BTI.


AE. E. L. S. / D
P.S.P.C.L. BTI

WORK PLANNED BY CE/PLANNING PTA. VIDE MEMO NO- 2435/P I&I/TWL2017-18
DATE- 1/06/2017 ANNEXURE-B AT SR.NO- 80 WEST ZONE

PUNJAB STATE POWER CO. LTD

DRG.NO-TSR-412 SCALE:-1CM=50 MTR

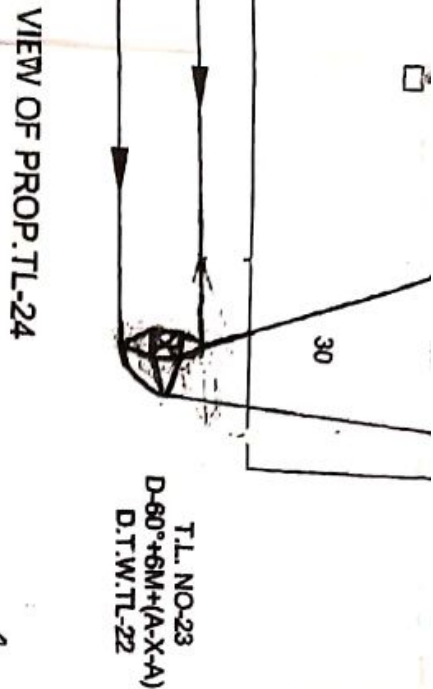
SURVEYED BY

DRAWN BY

PROPOSED ROUTE PLAN OF 66KV. SC LINE
ON DC TOWER FROM 66KV.S/S RAMUWALA
TO 66KV. CHARIK.

CHECKED BY CHD.
TL. CIRC.PATIALA.DY.C.E./TRANS
DESIGN-2 PTA.ADD. SECT.
DIVN.P.S.P.C.L.BTL.A.E.E.-TL SD
P.S.R.C.L.BTL.DHD/TL DIVN.
P.S.P.C.L.BTL.

M/s YOGESHWAR KUMAR PATIALA

Vaccant
CHD/T&S.
CELL PTAA.E.E./TD-2
P.S.P.C.L.PTA.SR.XEN/TD-2
P.S.P.C.L.PTA.DY.C.E./TRANS
DESIGN-2 PTA.

VIEW OF PROP.TL-24

TL-24 should be obtained for crossing of
at cited line at TL No. 4-5 and TL No. 16-17