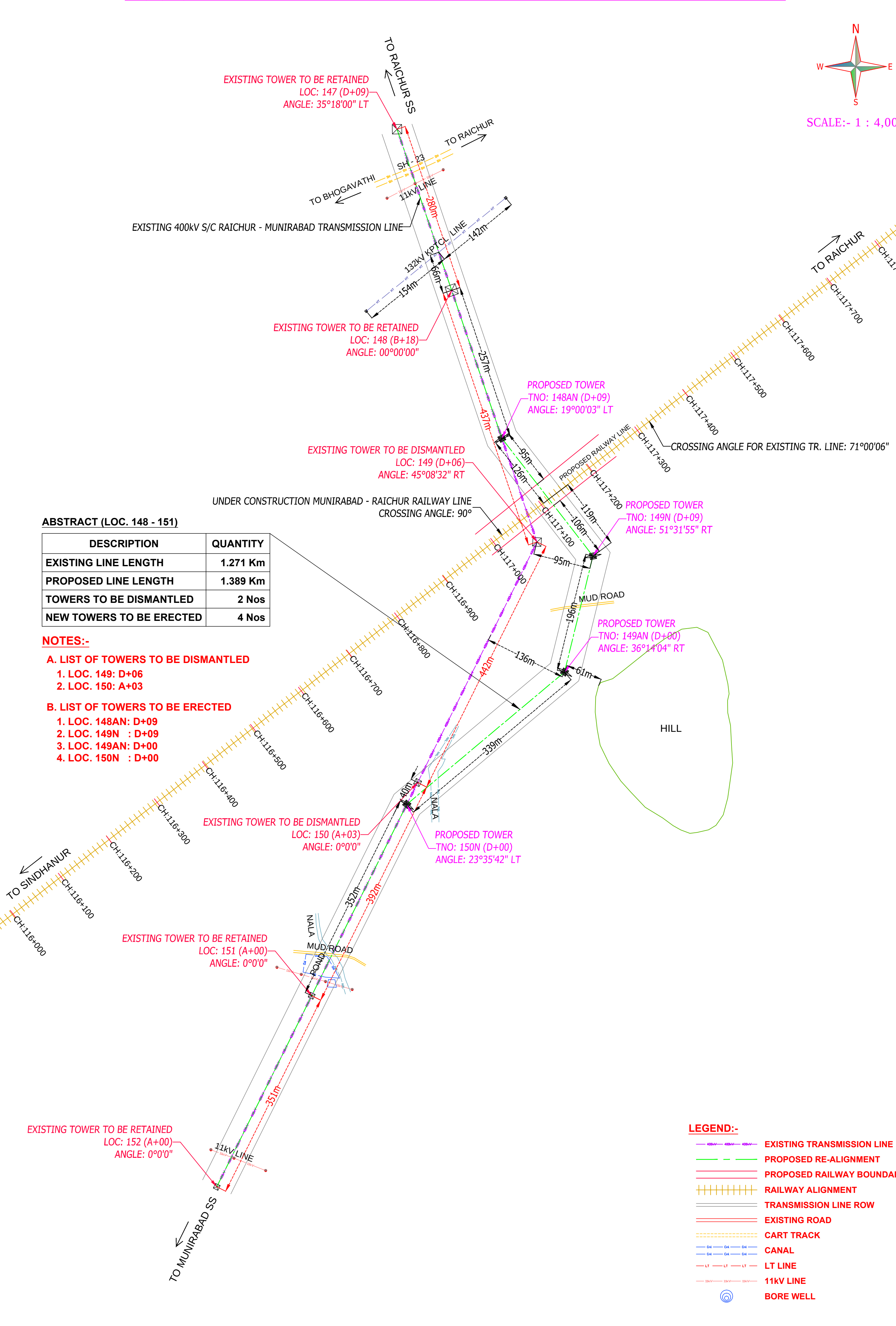
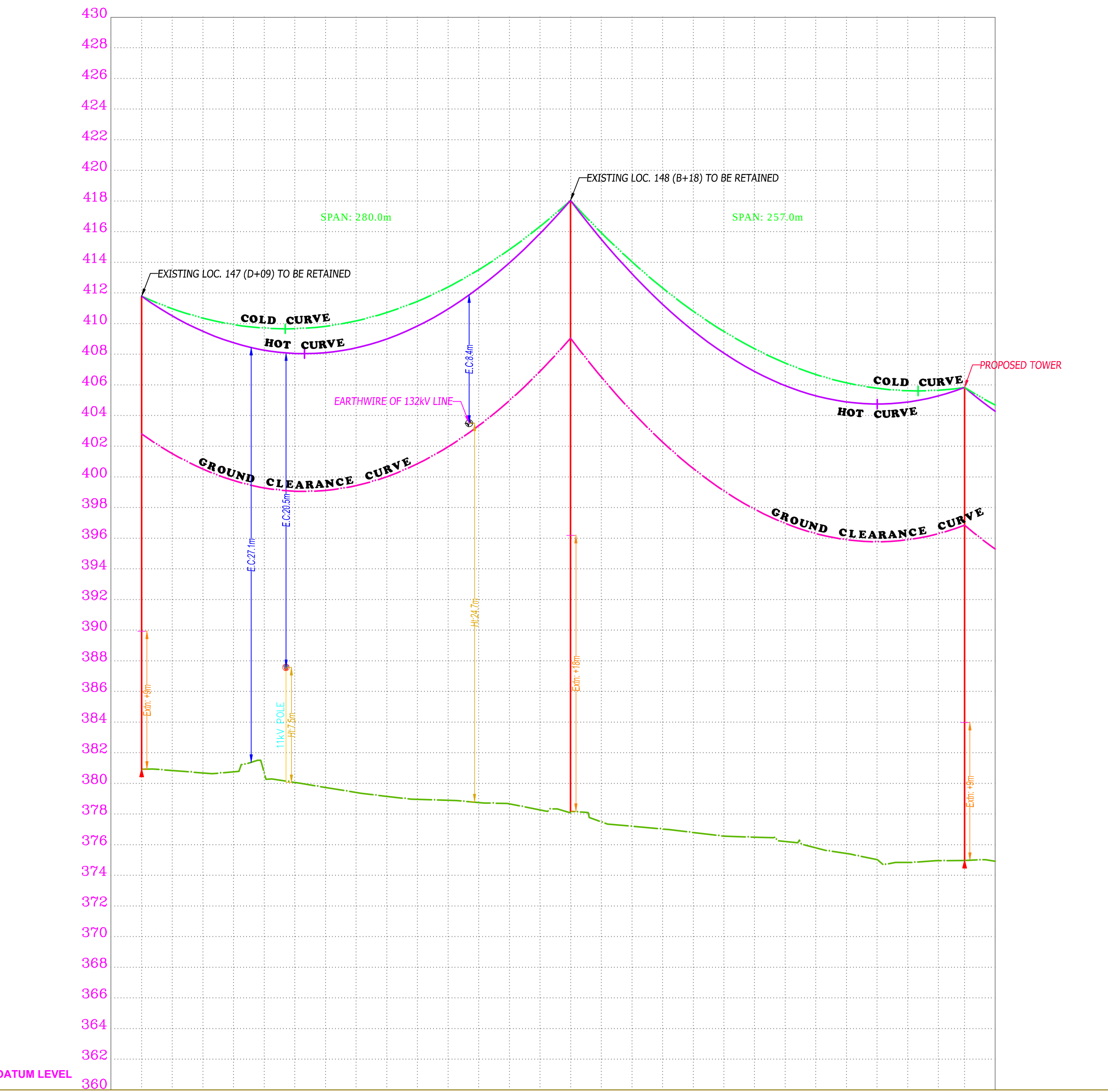


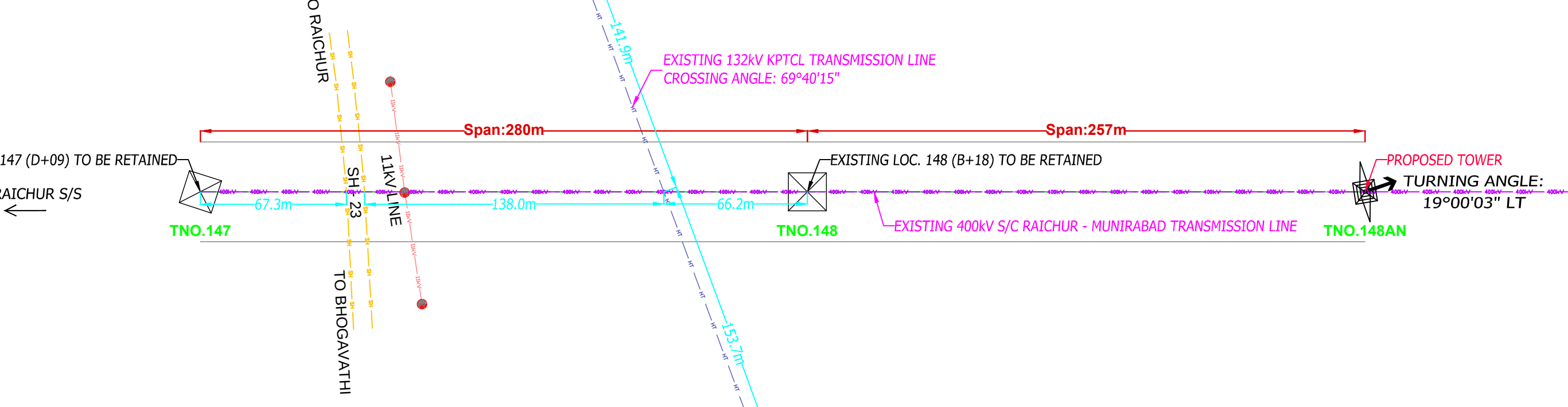
ROUTE MAP SHOWING THE PROPOSED DIVERSION OF THE EXISTING 400KV S/C RAICHUR - MUNIRABAD TRANSMISSION LINE BETWEEN LOC. 147 & 152 DUE TO THE CONSTRUCTION OF THE PROPOSED MUNIRABAD - RAICHUR RAILWAY LINE (SWR).



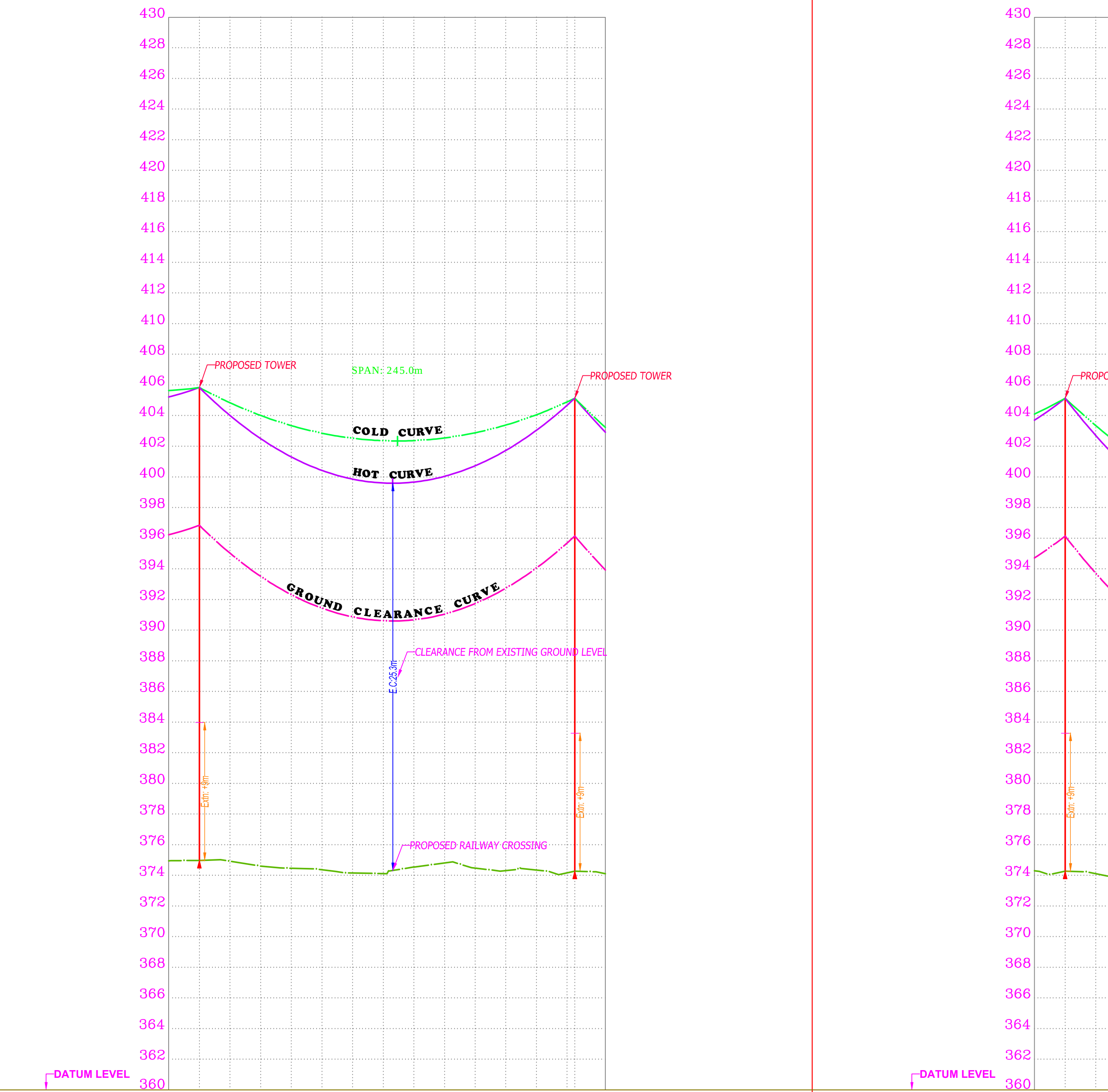
LOC NO:	TNO-147
TOWER TYPE:	D-09
WIND SPAN:	(L)38.0+R:238.0/2=140.0m
WT. SPAN (C):	(L)38.0+R:238.0/2=140.0m
WT. SPAN (H):	(L)38.0+R:238.0/2=140.0m
Spherical Coordinates:	Latitude: 15°58'25.00" N Longitude: 76°58'29.80" E
Grid Coordinates:	Grid Coordinates: 8711458.845, 117667028.936 Elevation: 380.338m



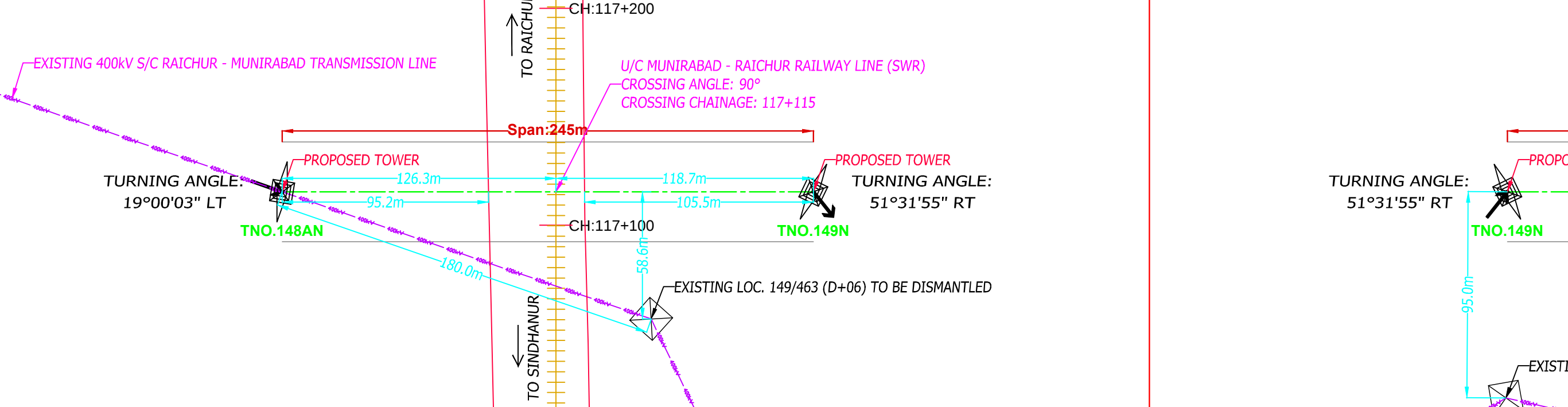
GROUND LEVEL (m)	CHAINAGE (m)
380.338	0.0
380.338	20.0
380.338	40.0
380.338	60.0
380.338	80.0
380.338	100.0
380.338	120.0
380.338	140.0
380.338	160.0
380.338	180.0
380.338	200.0
380.338	220.0
380.338	240.0
380.338	260.0
380.338	280.0
380.338	300.0
380.338	320.0
380.338	340.0
380.338	360.0
380.338	380.0
380.338	400.0
380.338	420.0
380.338	440.0
380.338	460.0
380.338	480.0
380.338	500.0
380.338	520.0
380.338	540.0
380.338	560.0
380.338	580.0
380.338	600.0
380.338	620.0
380.338	640.0
380.338	660.0
380.338	680.0
380.338	700.0
380.338	720.0
380.338	740.0
380.338	760.0
380.338	780.0
380.338	800.0
380.338	820.0
380.338	840.0
380.338	860.0
380.338	880.0
380.338	900.0
380.338	920.0
380.338	940.0
380.338	960.0
380.338	980.0
380.338	1000.0



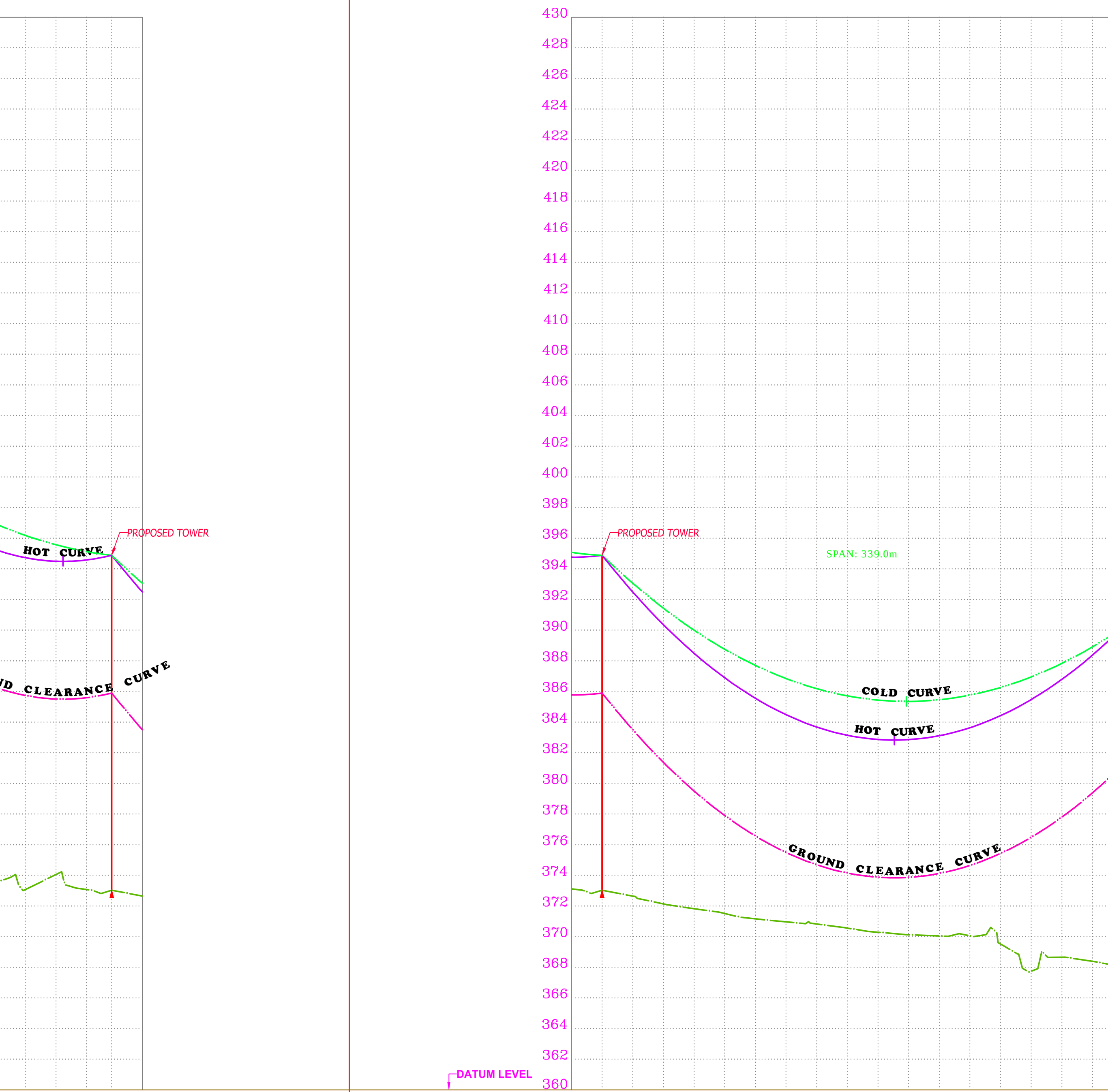
LOC NO:	TNO-148AN
TOWER TYPE:	D-09
WIND SPAN:	(L)38.0+R:238.0/2=140.0m
WT. SPAN (C):	(L)38.0+R:238.0/2=140.0m
WT. SPAN (H):	(L)38.0+R:238.0/2=140.0m
Spherical Coordinates:	Latitude: 15°58'25.00" N Longitude: 76°58'29.80" E
Grid Coordinates:	Grid Coordinates: 8711458.845, 117667028.936 Elevation: 380.338m



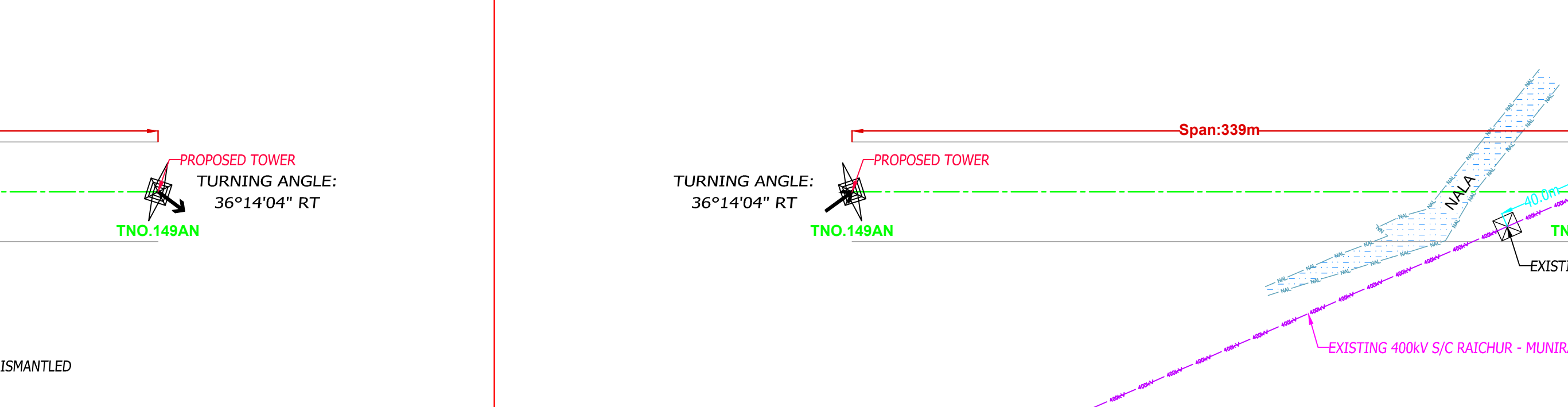
GROUND LEVEL (m)	CHAINAGE (m)
380.338	0.0
380.338	20.0
380.338	40.0
380.338	60.0
380.338	80.0
380.338	100.0
380.338	120.0
380.338	140.0
380.338	160.0
380.338	180.0
380.338	200.0
380.338	220.0
380.338	240.0
380.338	260.0
380.338	280.0
380.338	300.0
380.338	320.0
380.338	340.0
380.338	360.0
380.338	380.0
380.338	400.0
380.338	420.0
380.338	440.0
380.338	460.0
380.338	480.0
380.338	500.0
380.338	520.0
380.338	540.0
380.338	560.0
380.338	580.0
380.338	600.0
380.338	620.0
380.338	640.0
380.338	660.0
380.338	680.0
380.338	700.0
380.338	720.0
380.338	740.0
380.338	760.0
380.338	780.0
380.338	800.0
380.338	820.0
380.338	840.0
380.338	860.0
380.338	880.0
380.338	900.0
380.338	920.0
380.338	940.0
380.338	960.0
380.338	980.0
380.338	1000.0



LOC NO:	TNO-149N
TOWER TYPE:	D-09
WIND SPAN:	(L)38.0+R:238.0/2=140.0m
WT. SPAN (C):	(L)38.0+R:238.0/2=140.0m
WT. SPAN (H):	(L)38.0+R:238.0/2=140.0m
Spherical Coordinates:	Latitude: 15°58'25.00" N Longitude: 76°58'29.80" E
Grid Coordinates:	Grid Coordinates: 8711458.845, 117667028.936 Elevation: 380.338m



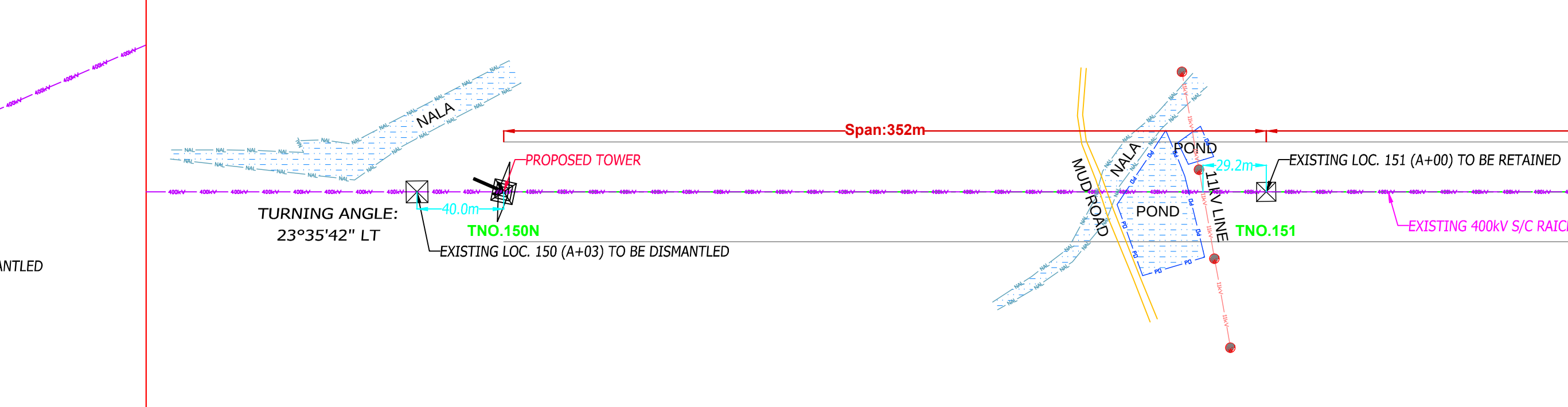
GROUND LEVEL (m)	CHAINAGE (m)
380.338	0.0
380.338	20.0
380.338	40.0
380.338	60.0
380.338	80.0
380.338	100.0
380.338	120.0
380.338	140.0
380.338	160.0
380.338	180.0
380.338	200.0
380.338	220.0
380.338	240.0
380.338	260.0
380.338	280.0
380.338	300.0
380.338	320.0
380.338	340.0
380.338	360.0
380.338	380.0
380.338	400.0
380.338	420.0
380.338	440.0
380.338	460.0
380.338	480.0
380.338	500.0
380.338	520.0
380.338	540.0
380.338	560.0
380.338	580.0
380.338	600.0
380.338	620.0
380.338	640.0
380.338	660.0
380.338	680.0
380.338	700.0
380.338	720.0
380.338	740.0
380.338	760.0
380.338	780.0
380.338	800.0
380.338	820.0
380.338	840.0
380.338	860.0
380.338	880.0
380.338	900.0
380.338	920.0
380.338	940.0
380.338	960.0
380.338	980.0
380.338	1000.0



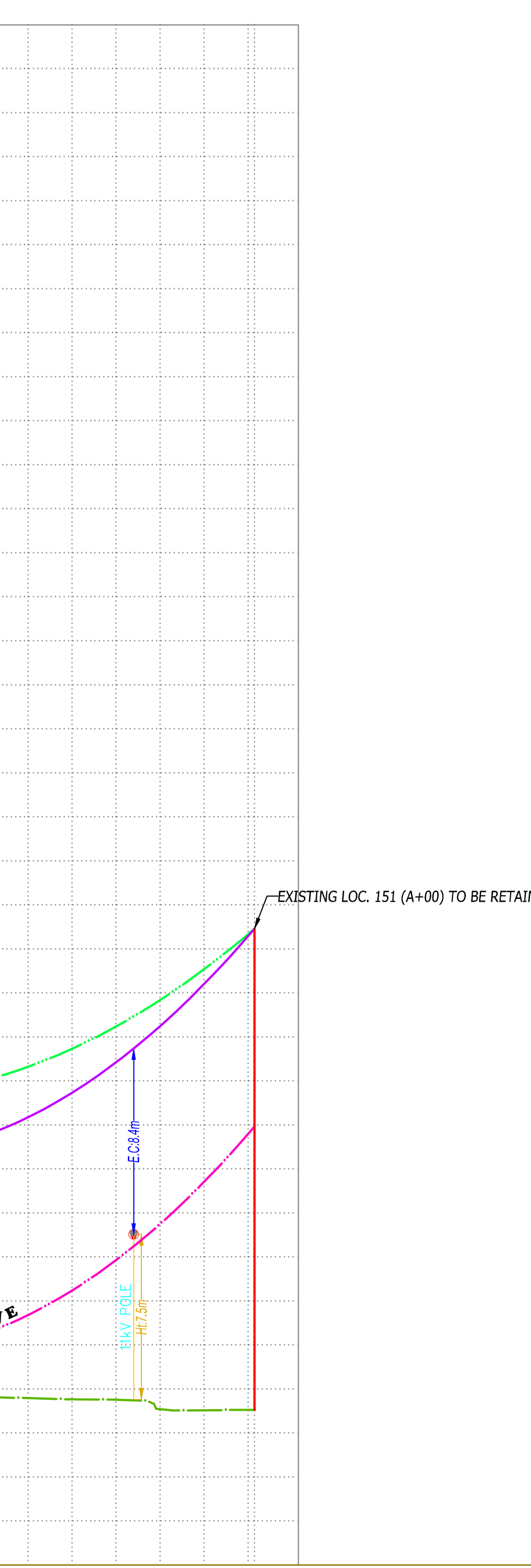
LOC NO:	TNO-148AN
TOWER TYPE:	D-09
WIND SPAN:	(L)38.0+R:238.0/2=140.0m
WT. SPAN (C):	(L)38.0+R:238.0/2=140.0m
WT. SPAN (H):	(L)38.0+R:238.0/2=140.0m
Spherical Coordinates:	Latitude: 15°58'25.00" N Longitude: 76°58'29.80" E
Grid Coordinates:	Grid Coordinates: 8711458.845, 117667028.936 Elevation: 380.338m



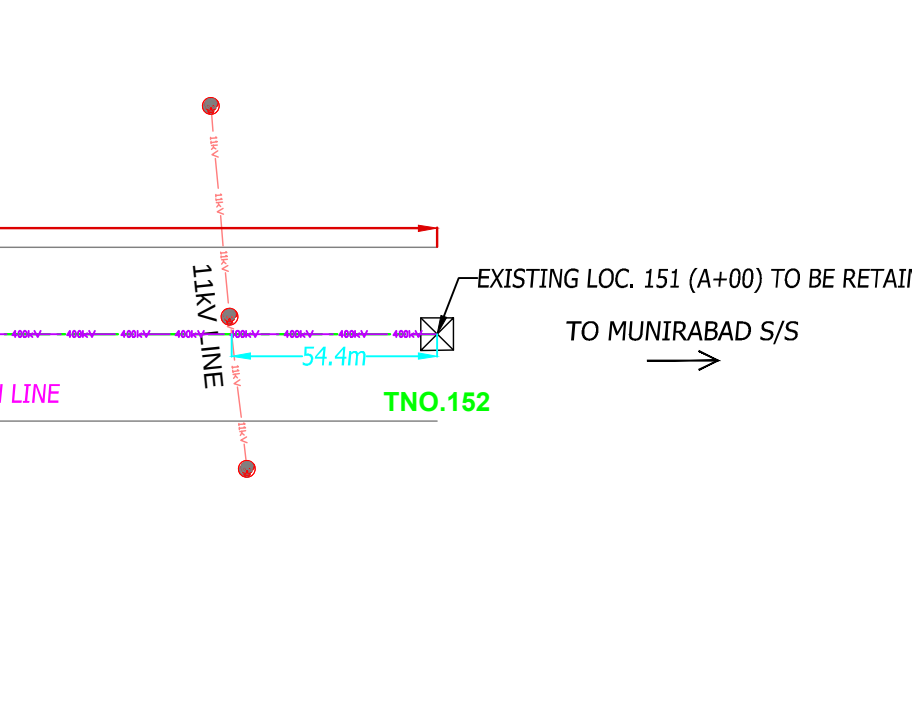
GROUND LEVEL (m)	CHAINAGE (m)
380.338	0.0
380.338	20.0
380.338	40.0
380.338	60.0
380.338	80.0
380.338	100.0
380.338	120.0
380.338	140.0
380.338	160.0
380.338	180.0
380.338	200.0
380.338	220.0
380.338	240.0
380.338	260.0
380.338	280.0
380.338	300.0
380.338	320.0
380.338	340.0
380.338	360.0
380.338	380.0
380.338	400.0
380.338	420.0
380.338	440.0
380.338	460.0
380.338	480.0
380.338	500.0
380.338	520.0
380.338	540.0
380.338	560.0
380.338	580.0
380.338	600.0
380.338	620.0
380.338	640.0
380.338	660.0
380.338	680.0
380.338	700.0
380.338	720.0
380.338	740.0
380.338	760.0
380.338	780.0
380.338	800.0
380.338	820.0
380.338	840.0
380.338	860.0
380.338	880.0
380.338	900.0
380.338	920.0
380.338	940.0
380.338	960.0
380.338	980.0
380.338	1000.0



LOC NO:	TNO-151
TOWER TYPE:	A+00
WIND SPAN:	(L)38.0+R:238.0/2=140.0m
WT. SPAN (C):	(L)38.0+R:238.0/2=140.0m
WT. SPAN (H):	(L)38.0+R:238.0/2=140.0m
Spherical Coordinates:	Latitude: 15°58'25.00" N Longitude: 76°58'29.80" E
Grid Coordinates:	Grid Coordinates: 8711458.845, 117667028.936 Elevation: 380.338m



GROUND LEVEL (m)	CHAINAGE (m)
380.338	0.0
380.338	20.0
380.338	40.0
380.338	60.0
380.338	80.0
380.338	100.0
380.338	120.0
380.338	140.0
380.338	160.0
380.338	180.0
380.338	200.0
380.338	220.0
380.338	240.0
380.338	260.0
380.338	280.0
380.338	300.0
380.338	320.0
380.338	340.0
380.338	360.0
380.338	380.0
380.338	400.0
380.338	420.0
380.338	440.0
380.338	460.0
380.338	480.0
380.338	500.0
380.338	520.0
380.338	540.0
380.338	560.0
380.338	580.0
380.338	600.0
380.338	620.0
380.338	640.0
380.338	660.0
380.338	680.0
380.338	700.0
380.338	720.0
380.338	740.0
380.338	760.0
380.338	780.0
380.338	800.0
380.338	820.0
380.338	840.0
380.338	860.0
380.338	880.0
380.338	900.0
380.338	920.0
380.338	940.0
380.338	960.0
380.338	980.0
380.338	1000.0



PLS-CADD Profile Drawing TNO.147 - TNO.152

Tower Spacing Data for 400kV S/C Transmission Line (Wind Zone-2: 50m/s)

1) Conductor	ACSR MOOSE
2) Cable Diameter	31.77mm.
3) Area	897 Sq. mm.
4) Unit Weight	2.004 Kg./M.
5) Normal Span (Ruling Span)	400 Mtr.
6) Maximum Sag (@ 55°Temperature, Still Air)	13.250 Mtr.
7) Ground Clearance	6.99 Mtr. (Including 0.15 Mtr Sag Error)
8) Sag Tension (For Hot Curve)	3022.04 Kg.