



- Legend**
- - Operational Clearance Violation (Hot Static Conductor)
 - - Operational Clearance Violation (Swung Conductor)
 - - Maintenance Clearance Violation (Hot Static Conductor)
 - - Maintenance Clearance Violation (Swung Conductor)
 - - Structure Centroid
 - - Reference Line (30m Offset from C/L)
 - - Conductor
 - - - Left Side Profile (@ 14m offset)
 - - - Right Side Profile (@ 14m offset)

Notes:

- Conductors are shown in the 64 C Bare Creep FE condition
- Conductor to Vegetation Clearance Criteria:
 - Operational Clearance
 - Hot Static (Max. Sag) Creep FE conductor condition
 - V=5.5m (3.2m flashover + 0.8m LIDAR tolerance + 1.5m veg. growth allowance)
 - H=4.5m (3.2m flashover + 0.8m LIDAR tolerance + 0.5m veg. growth allowance)
 - Swung (Incremental CSA Wind) Creep FE conductor condition
 - V=5.5m (3.2m flashover + 0.8m LIDAR tolerance + 1.5m veg. growth allowance)
 - H=4.2m (3.2m flashover + 0.8m LIDAR tolerance + 0.2m veg. growth allowance)
 - Maintenance Clearance
 - Hot Static (Max. Sag) Creep FE conductor condition
 - V=8.3m (6.0m limit of approach + 0.8m LIDAR tolerance + 1.5m veg. growth allowance)
 - H=7.3m (6.0m limit of approach + 0.8m LIDAR tolerance + 0.5m veg. growth allowance)
 - Swung (Incremental CSA Wind) Creep FE conductor condition
 - V=6.8m (3.2m flashover + 0.8m LIDAR tolerance + 2.8m veg. growth allowance)
 - H=4.4m (3.2m flashover + 0.8m LIDAR tolerance + 0.4m veg. growth allowance)



Drawn By RR	 5L42 Kelly Lake Sub to Cheekye Sub Vegetation Clearance Violations Hot Static and Swung Conductors Plan and Profile Sheet 31 of 110	R. 0
Checked		
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Sketch No. 5L42 - LiDARVEG04 - Hot&Swung		