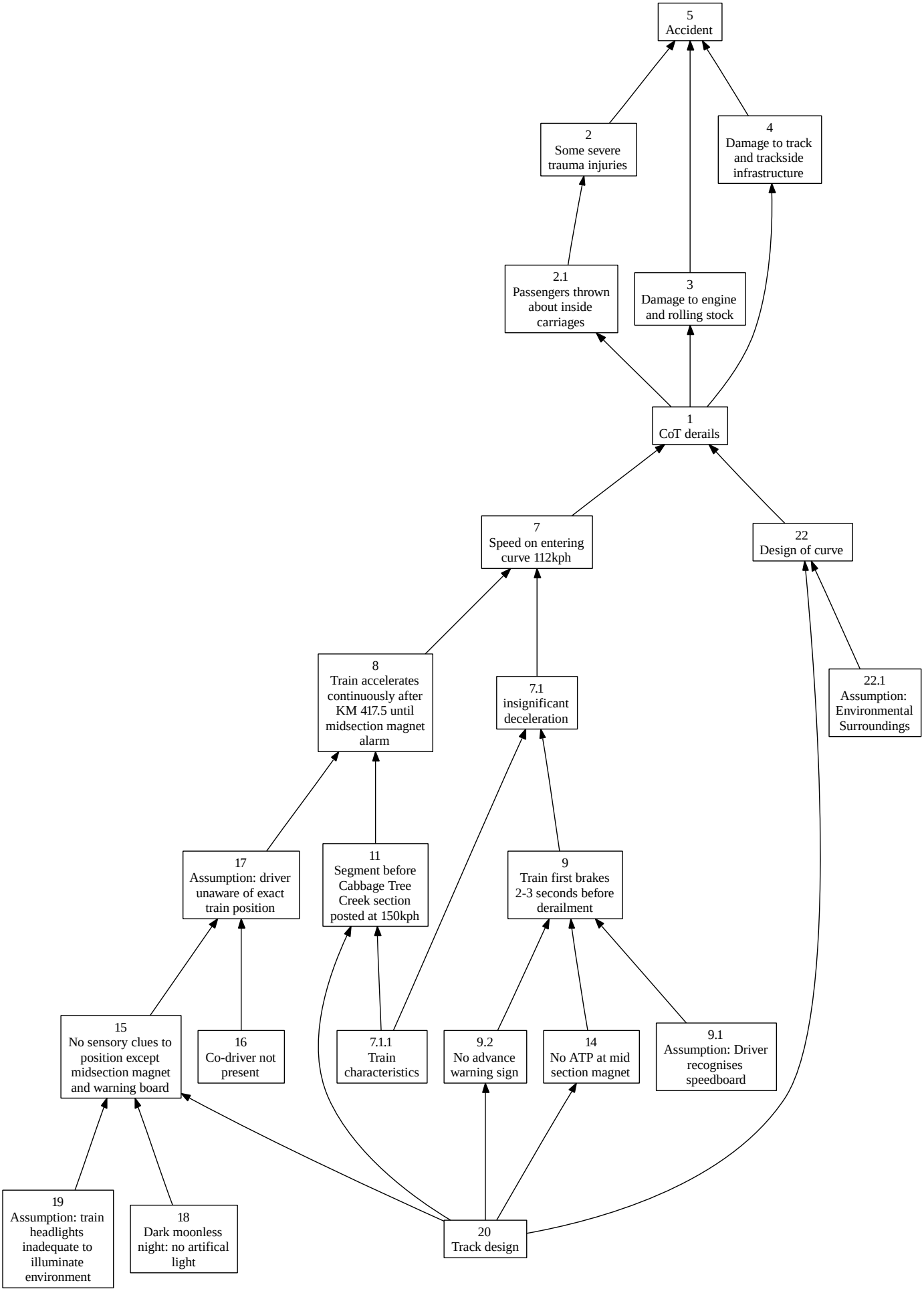
5
Accident
2
Some severe trauma injuries
4
Damage to track and trackside infrastructure
2.1
Passengers thrown about inside carriages
3
Damage to engine and rolling stock
1
CoT derails
7
Speed on entering curve 112kph
22
Design of curve
8
Train accelerates continuously after KM 417.5 until midsection magnet alarm
7.1
insignificant deceleration
22.1
Assumption: Environmental Surroundings
17
Assumption: driver unaware of exact train position
11
Segment before Cabbage Tree Creek section posted at 150kph
9
Train first brakes 2-3 seconds before derailment
15
No sensory clues to position except midsection magnet and warning board
16
Co-driver not present
7.1.1
Train characteristics
9.2
No advance warning sign
14
No ATP at mid section magnet
9.1
Assumption: Driver recognises speedboard
19
Assumption: train headlights inadequate to illuminate environment
18
Dark moonless night: no artifical light
20
Track design