

Scope Definition Input for RFP

300 Level

Supporting Information and Relevant Graphics

(May 9, 2008)



Fig.1 Lead/Homestake Area.

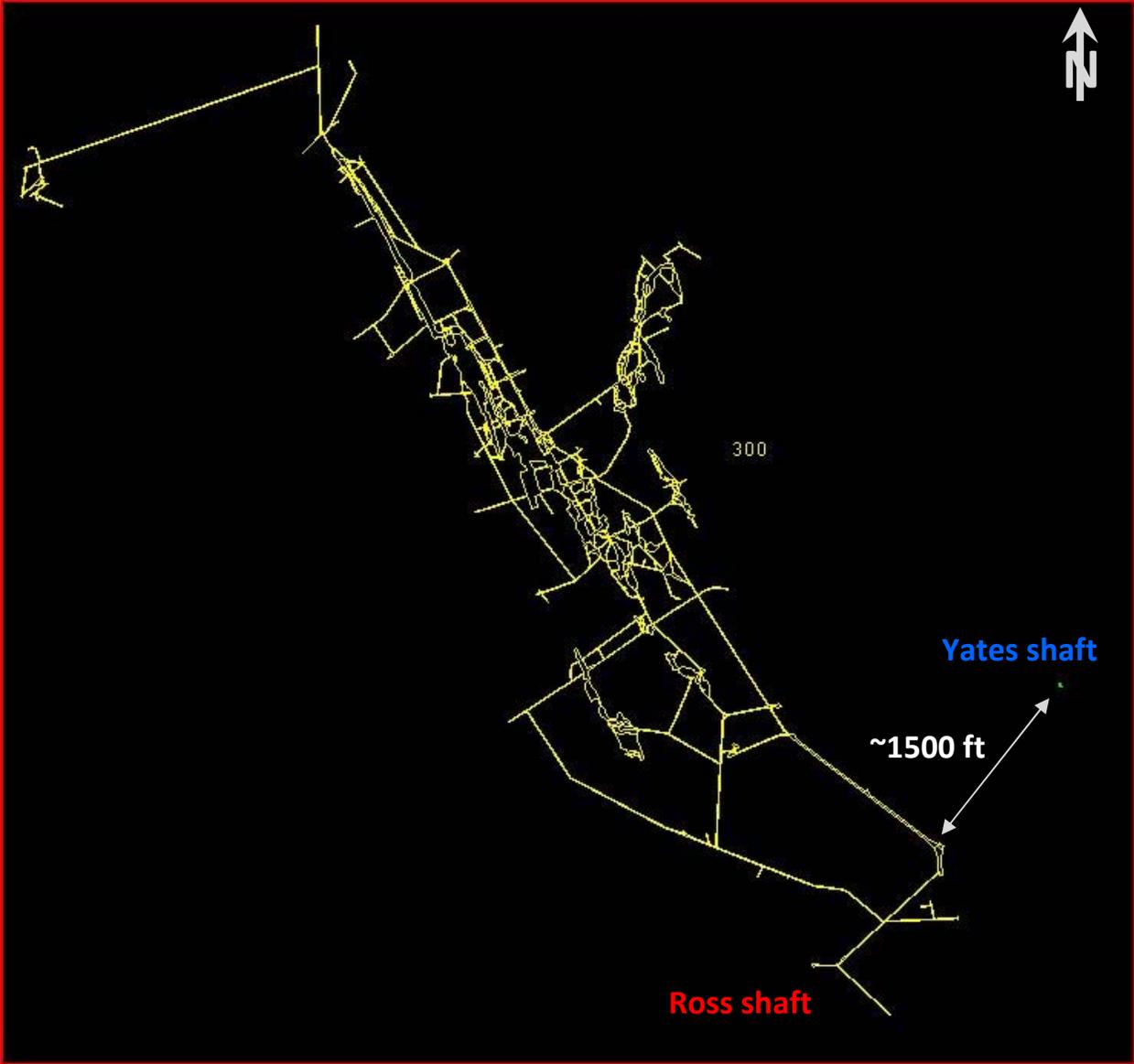


Fig.2a Homestake 300 Level (Vulcan database strings - all).

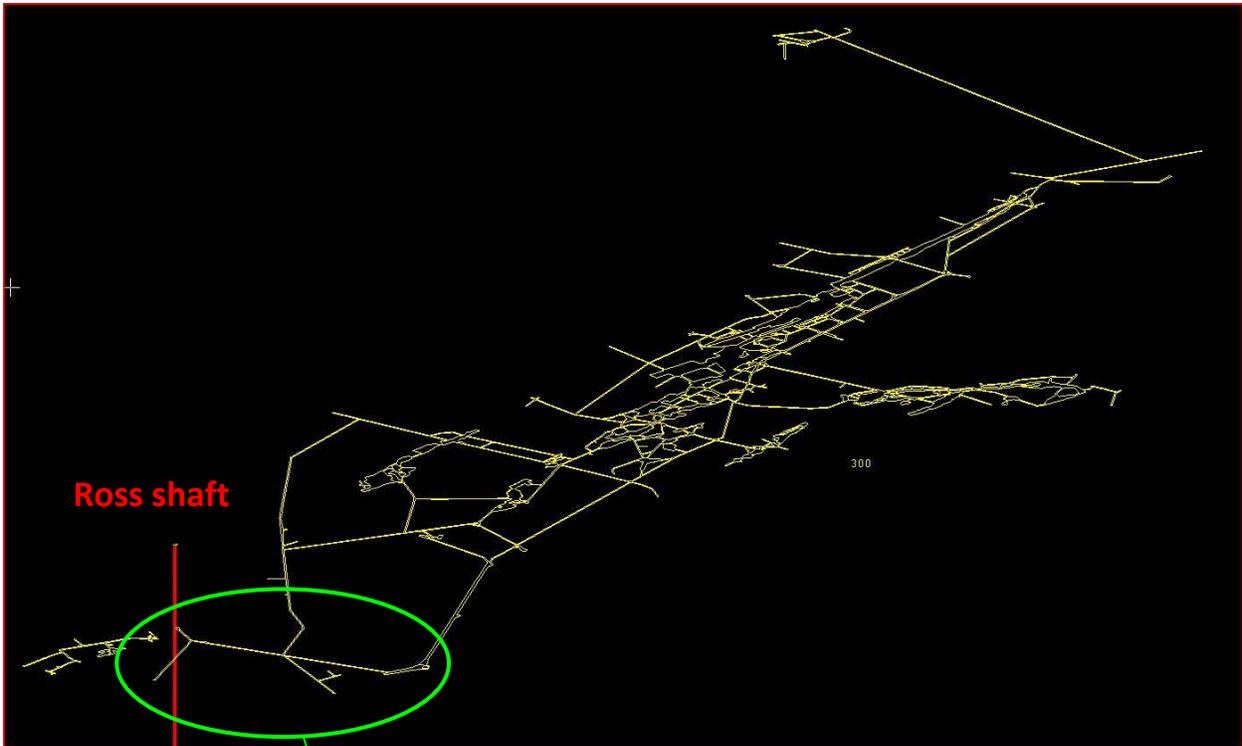


Fig.2 Homestake 300 Level (Vulcan database strings - all).

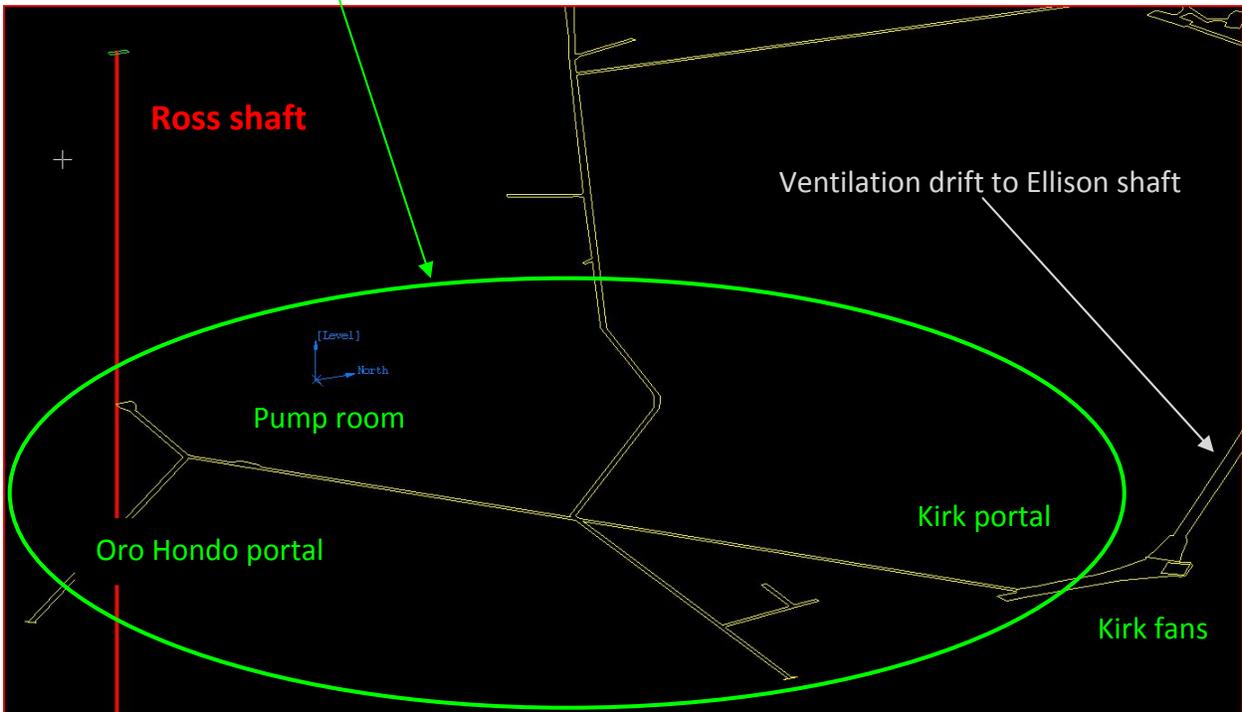


Fig.3 Homestake 300 Level (Vulcan database strings – area designated for new development).

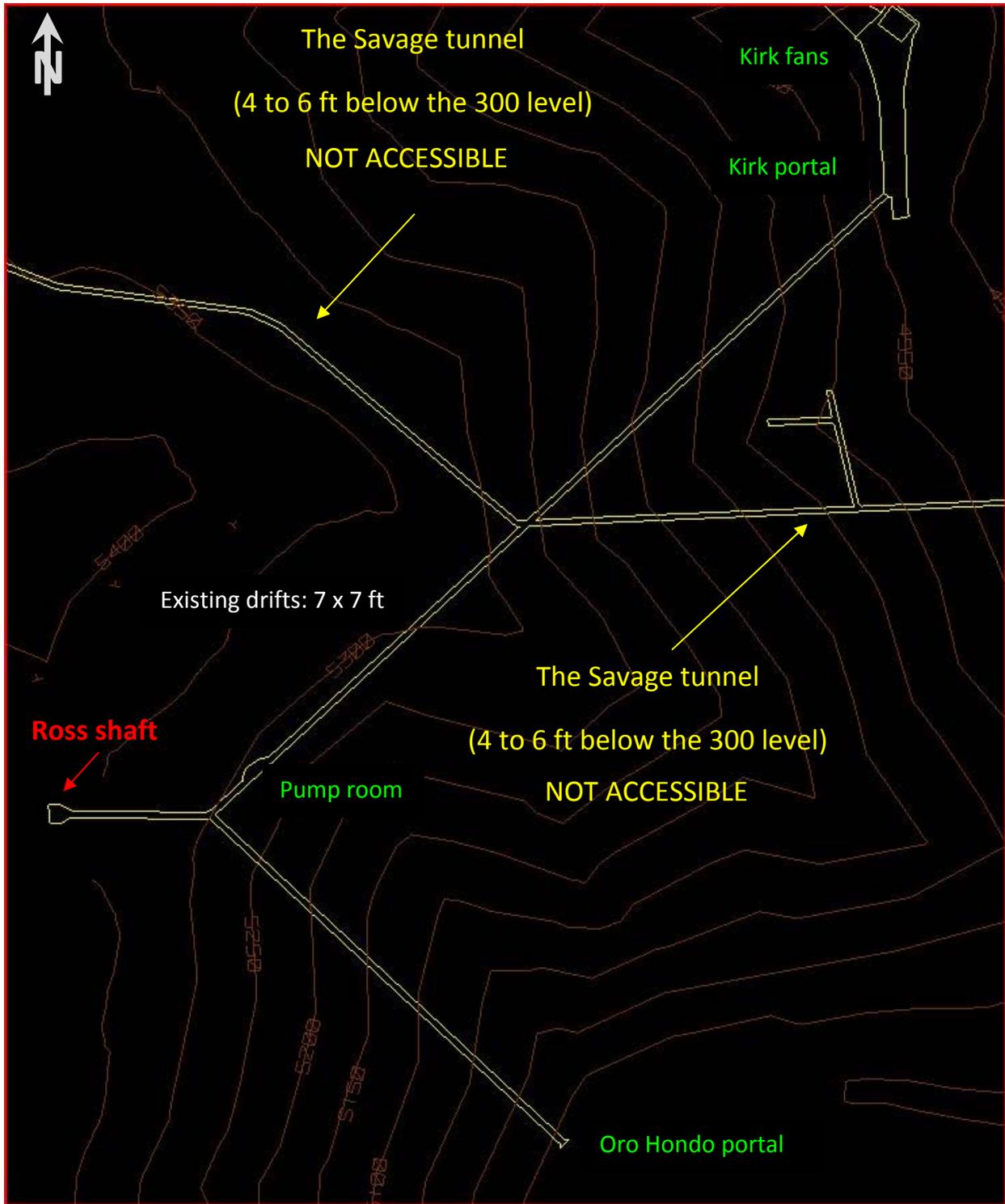


Fig.4 Plan view of the area designated for new development at 300 level (Vulcan database strings).

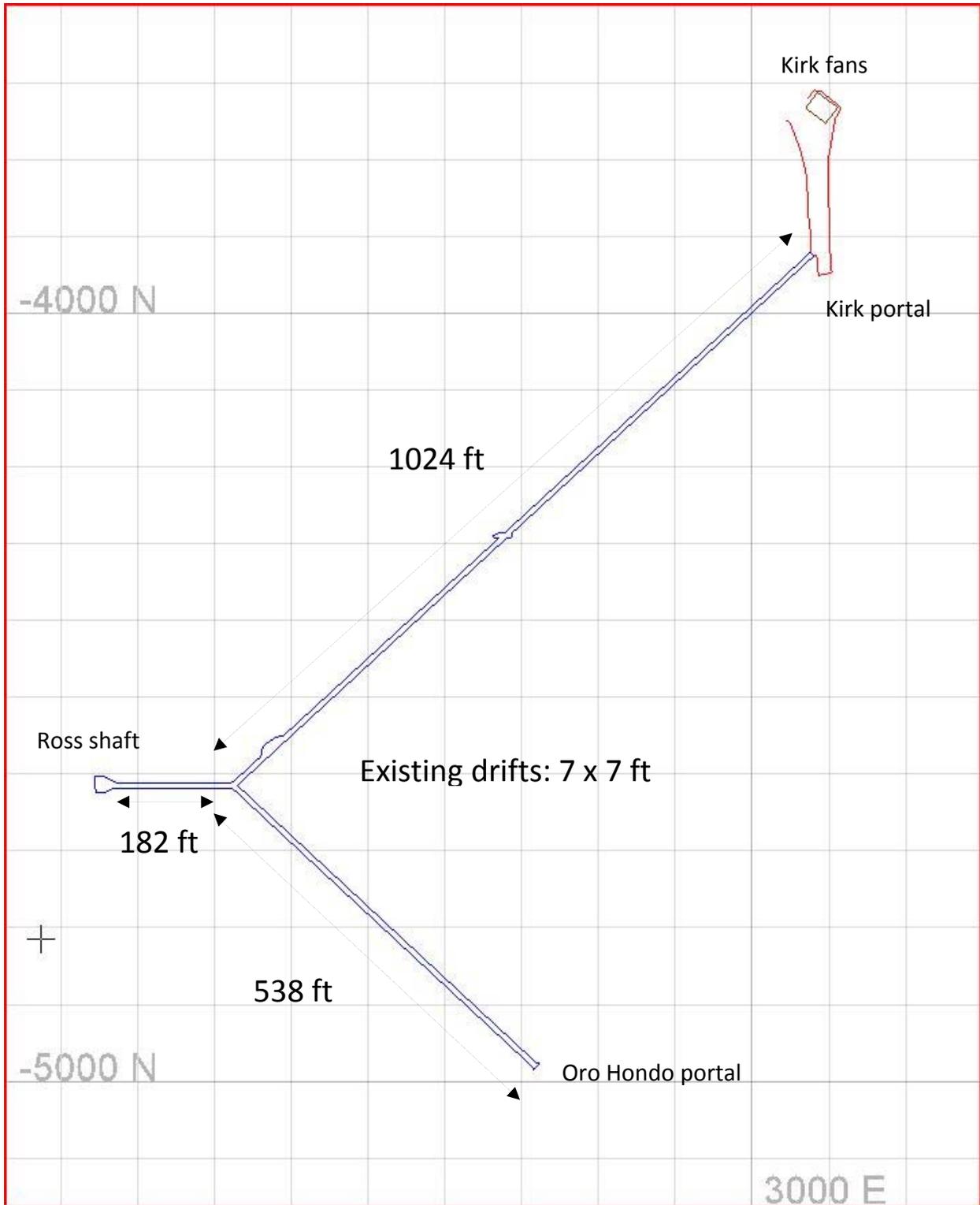


Fig.5 Plan view of the area designated for new development (corrected strings).

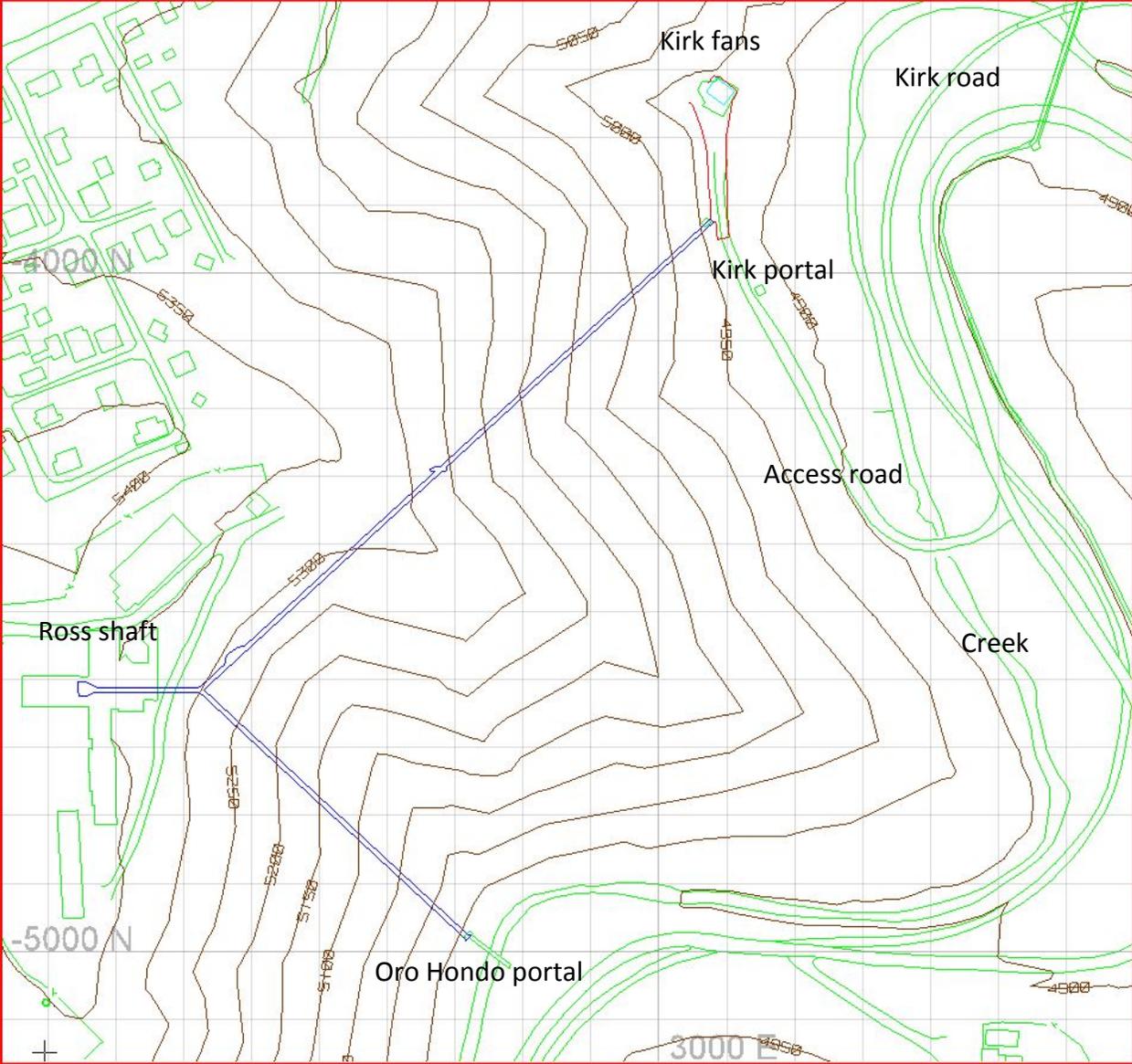


Fig.6 Plan view of the area designated for new development with topography contours, roads and surface infrastructure.

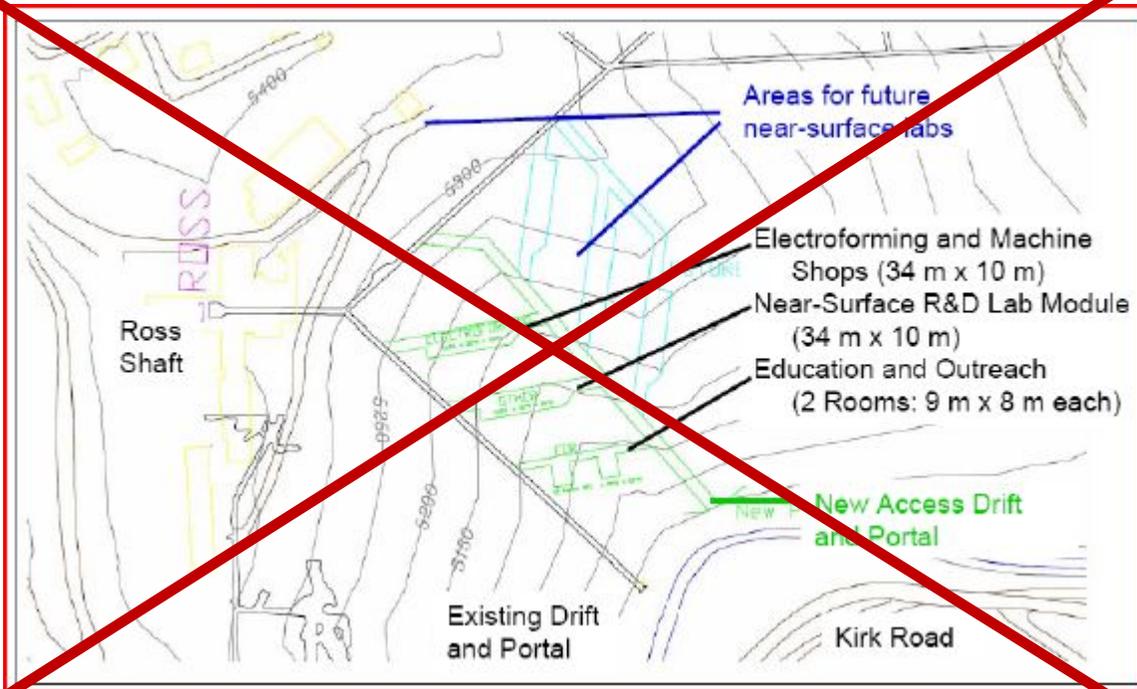


Fig.7 Proposed new excavations at 300 level - as outlined in CDR – 2007

(not considered as feasible for the ISE at present time)

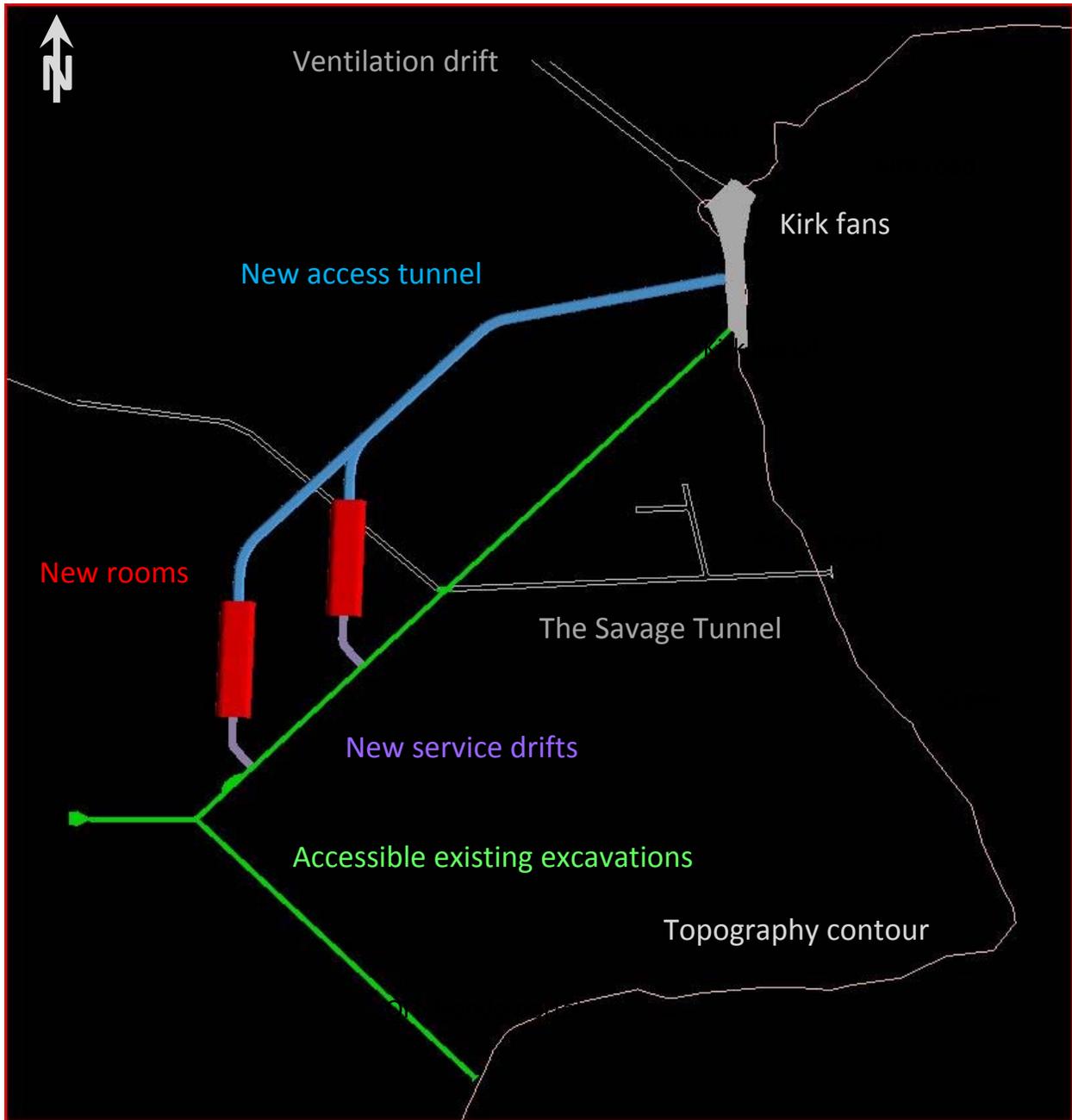


Fig.8 Proposed new excavation layout at 300 level

Note: The New excavation layout results in more overburden cover for better shielding. The Savage tunnel below the 300 level may require moving one of the new rooms to a better location.

New Access tunnel: (W = 16.5 ft; H = 16.5 ft)

New rooms: (W = 50 ft; L = 165 ft; H = TBD)



Fig.9 Aerial view of Kirk and Oro Hondo portals area.



Fig.10 Kirk road.



Fig.11 Kirk drift portal.



Fig.12 Kirk drift portal and tunnel.



Fig.13 Kirk fans



Fig.14 Oro Hondo portal.



Fig.15 Oro Hondo portal.

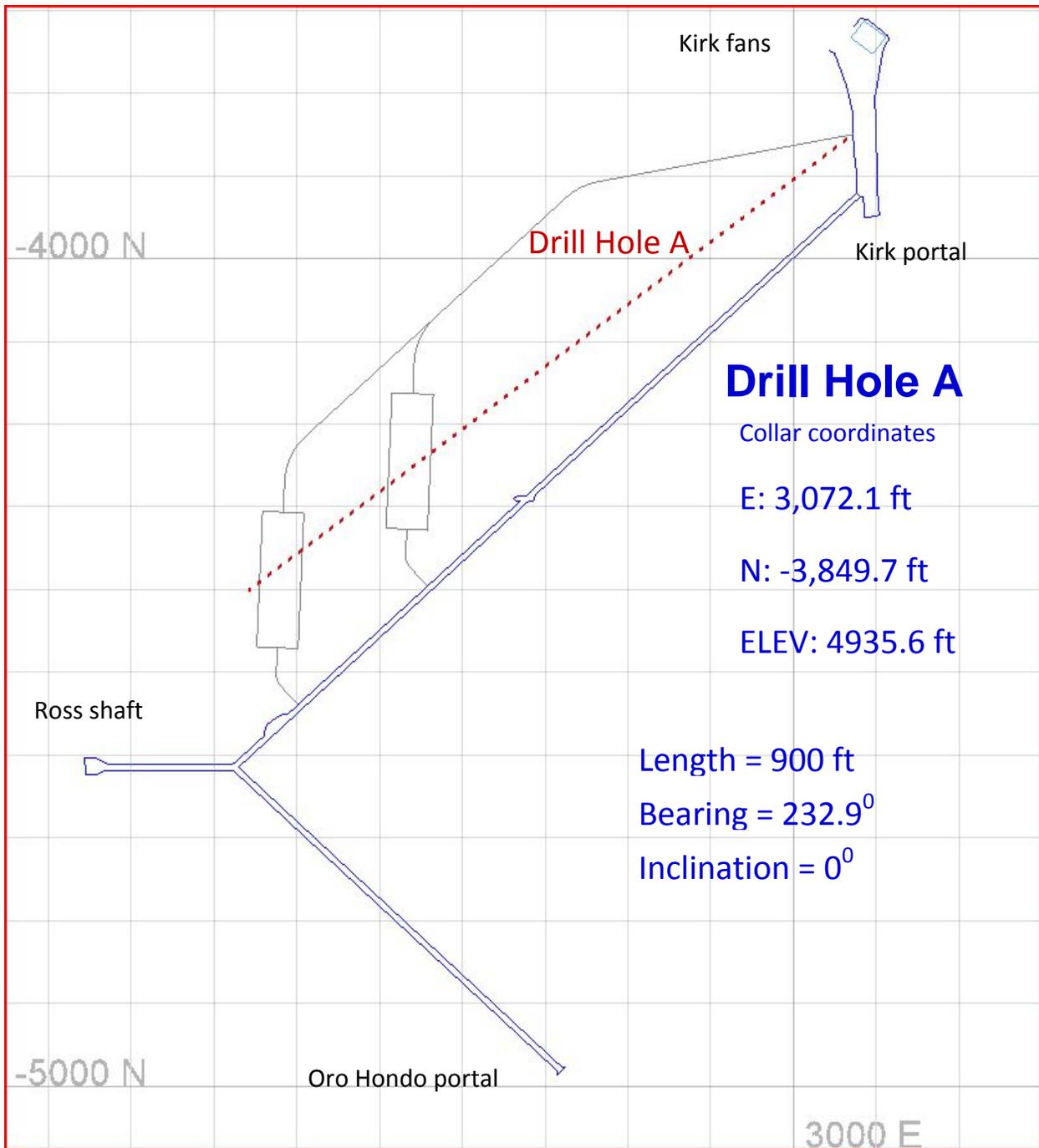


Fig.16 Location and orientation of the borehole (scenario A) to be drilled in the area designated for new development.

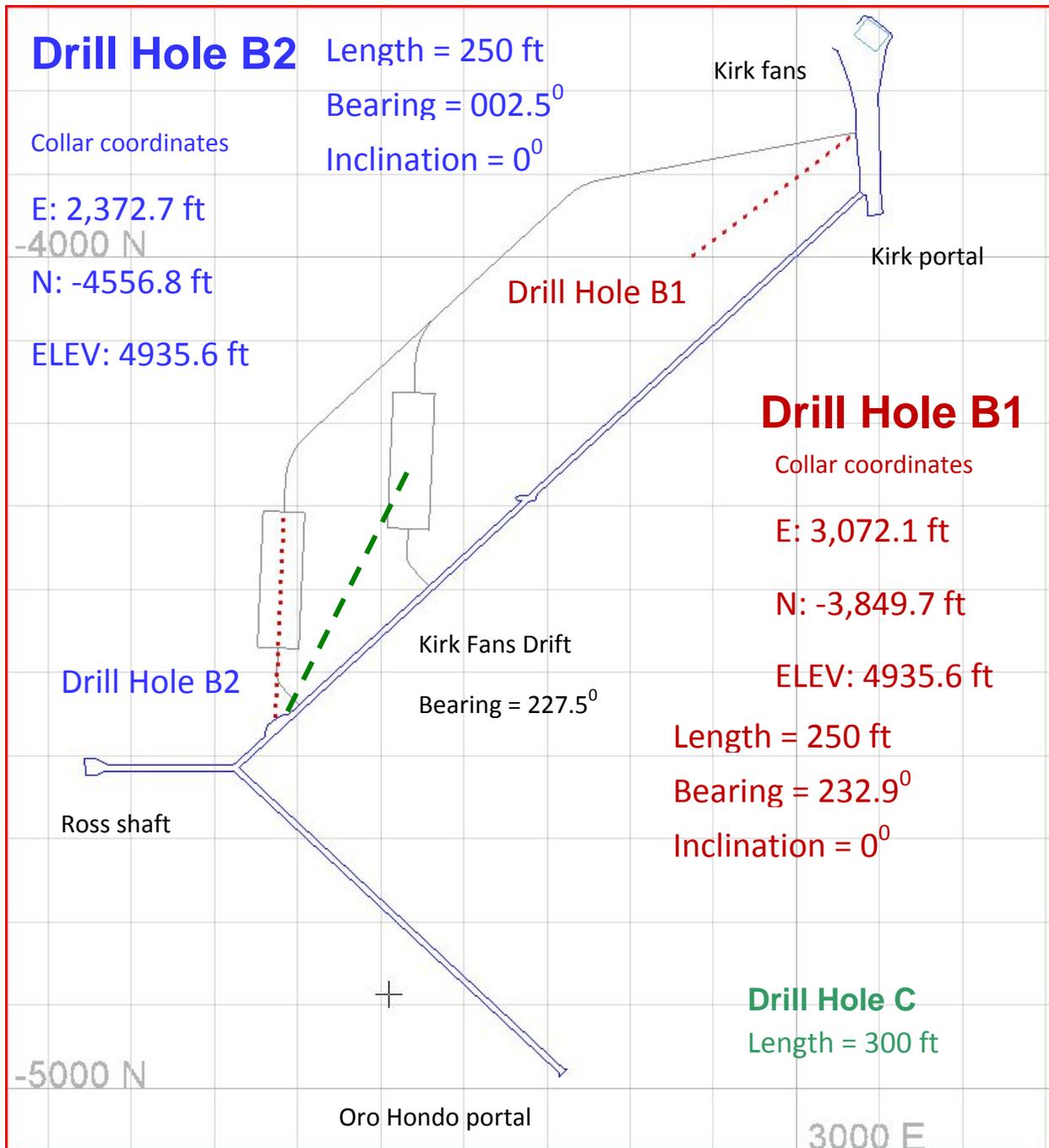


Fig.17 Location and orientation of the boreholes (scenario B) to be drilled in the area designated for new development.

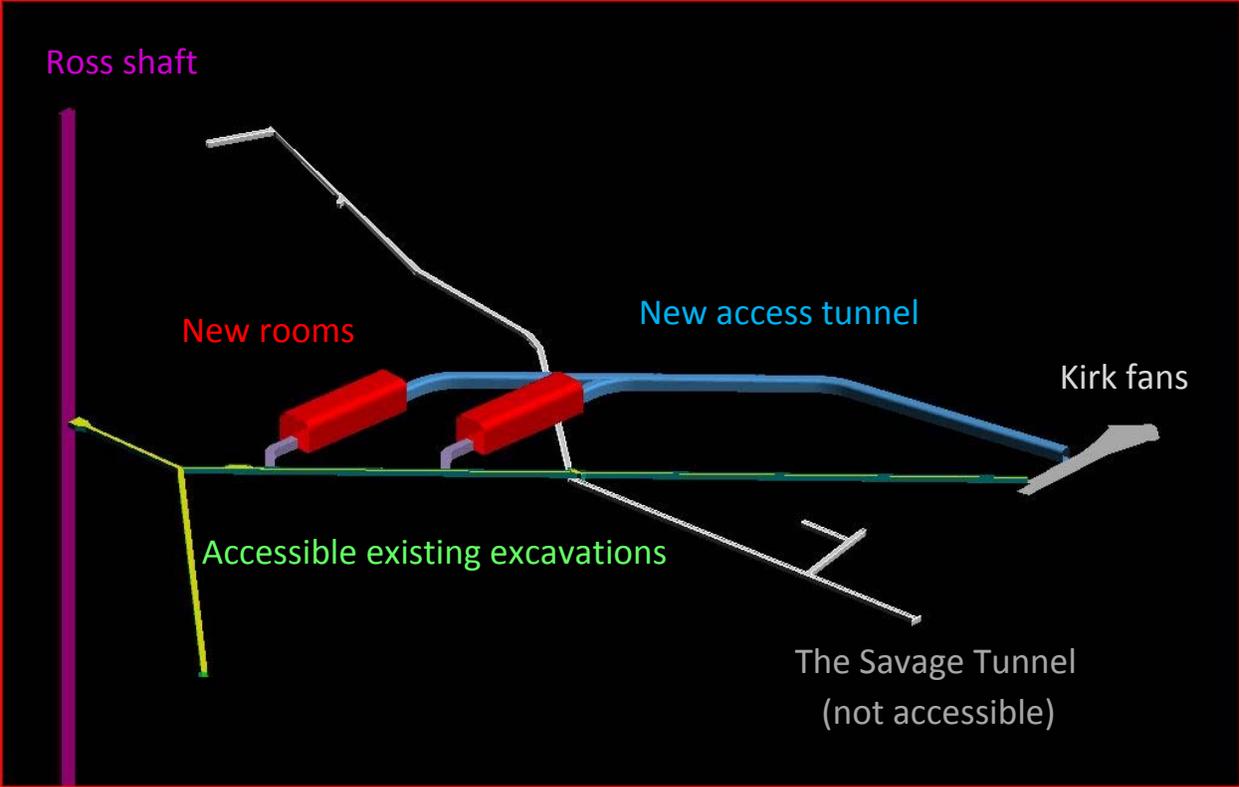


Fig.18 The 300 level - new development area (3D model).

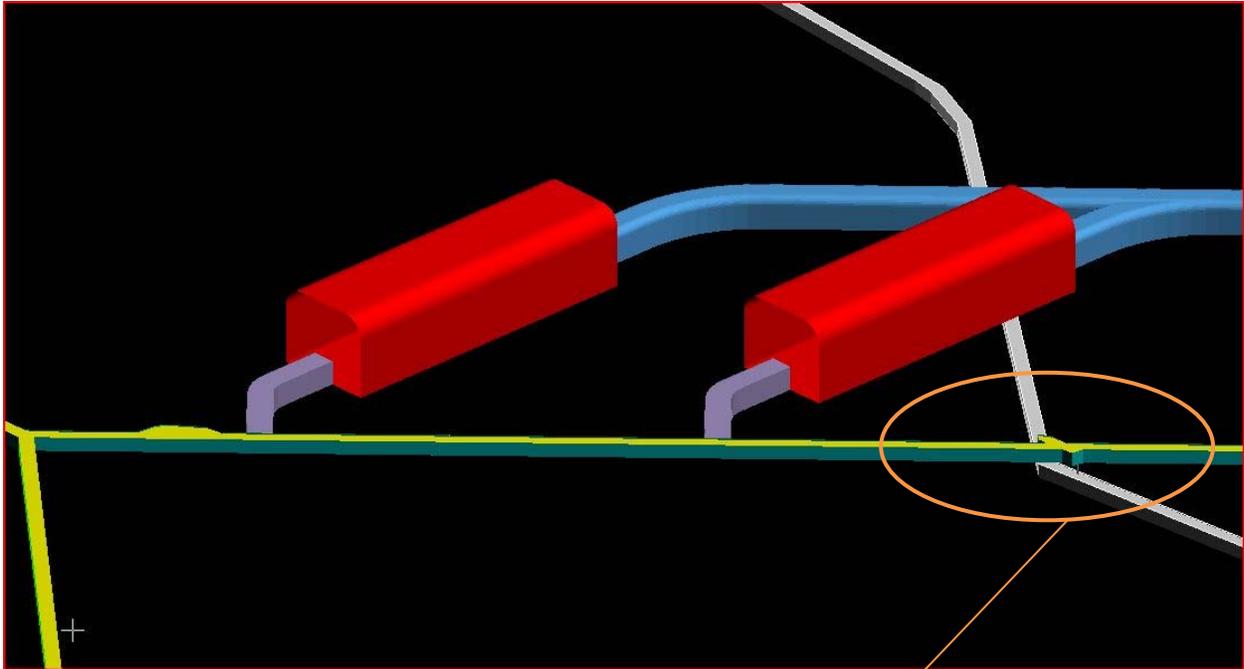


Fig.19 The 300 level - new development area (3D model).

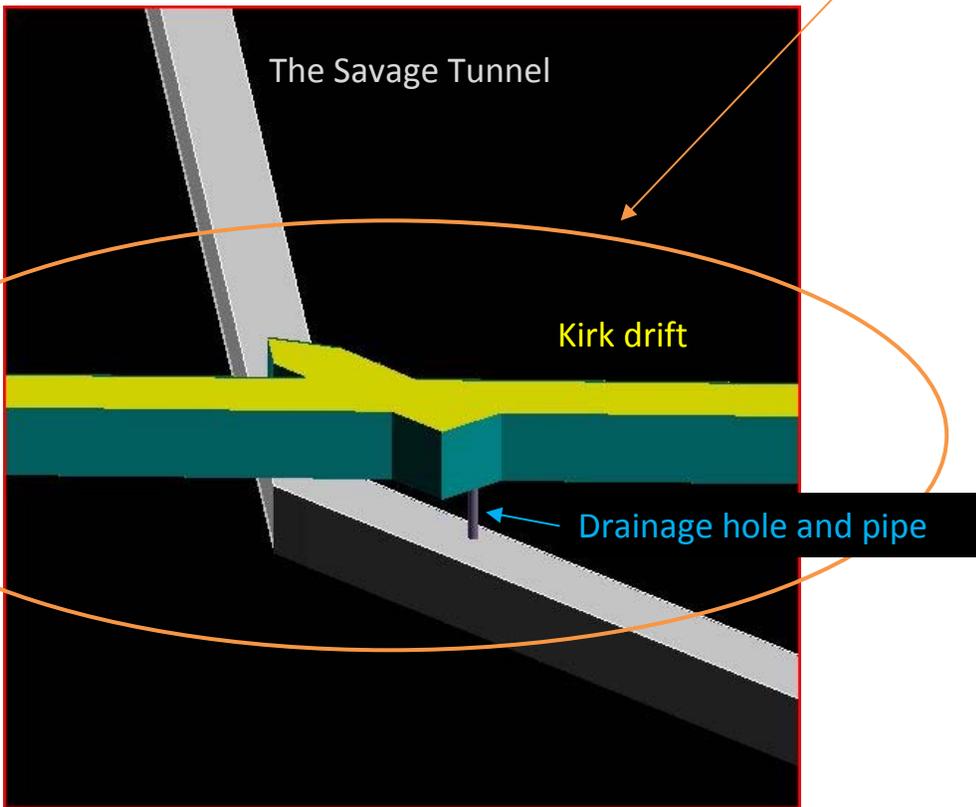


Fig.20 The 300 level and the Savage Tunnel (3D model).

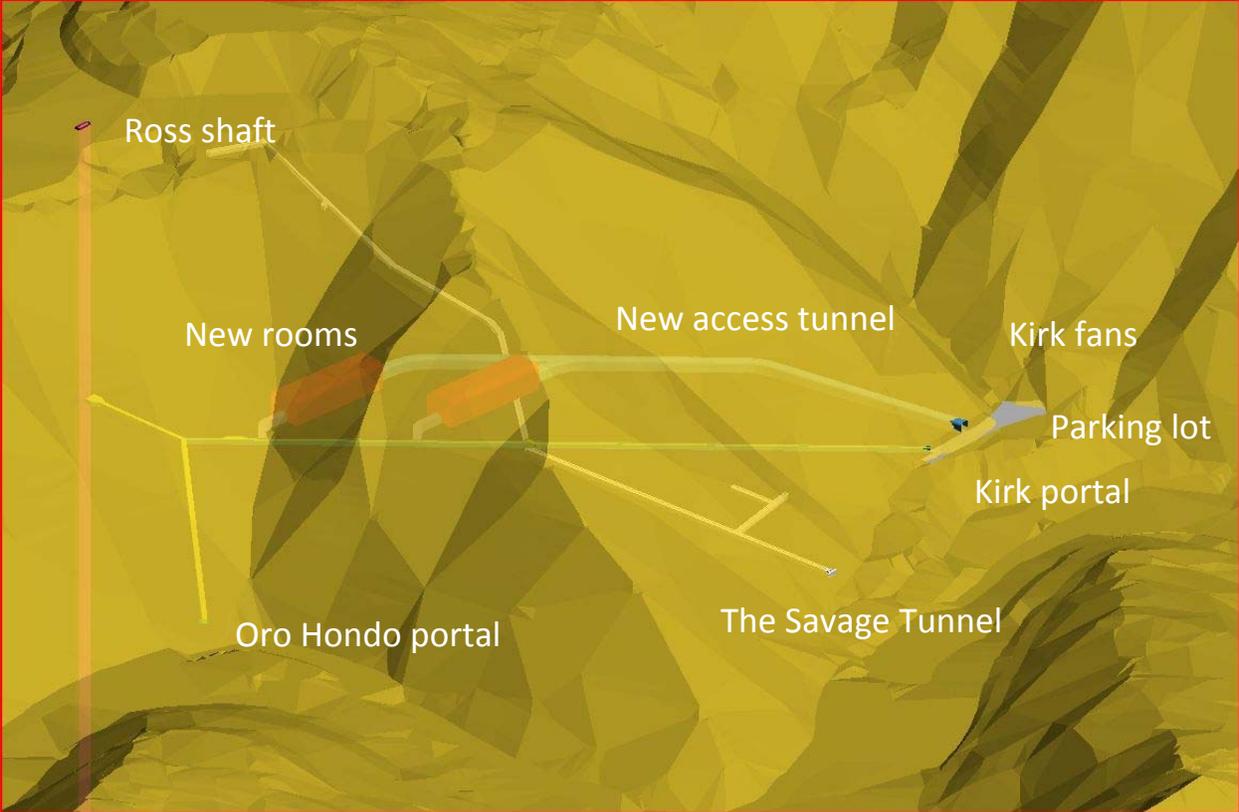


Fig.21 The 300 level - new development area (3D model).



Fig.22 The 300 level - new development area (3D model).

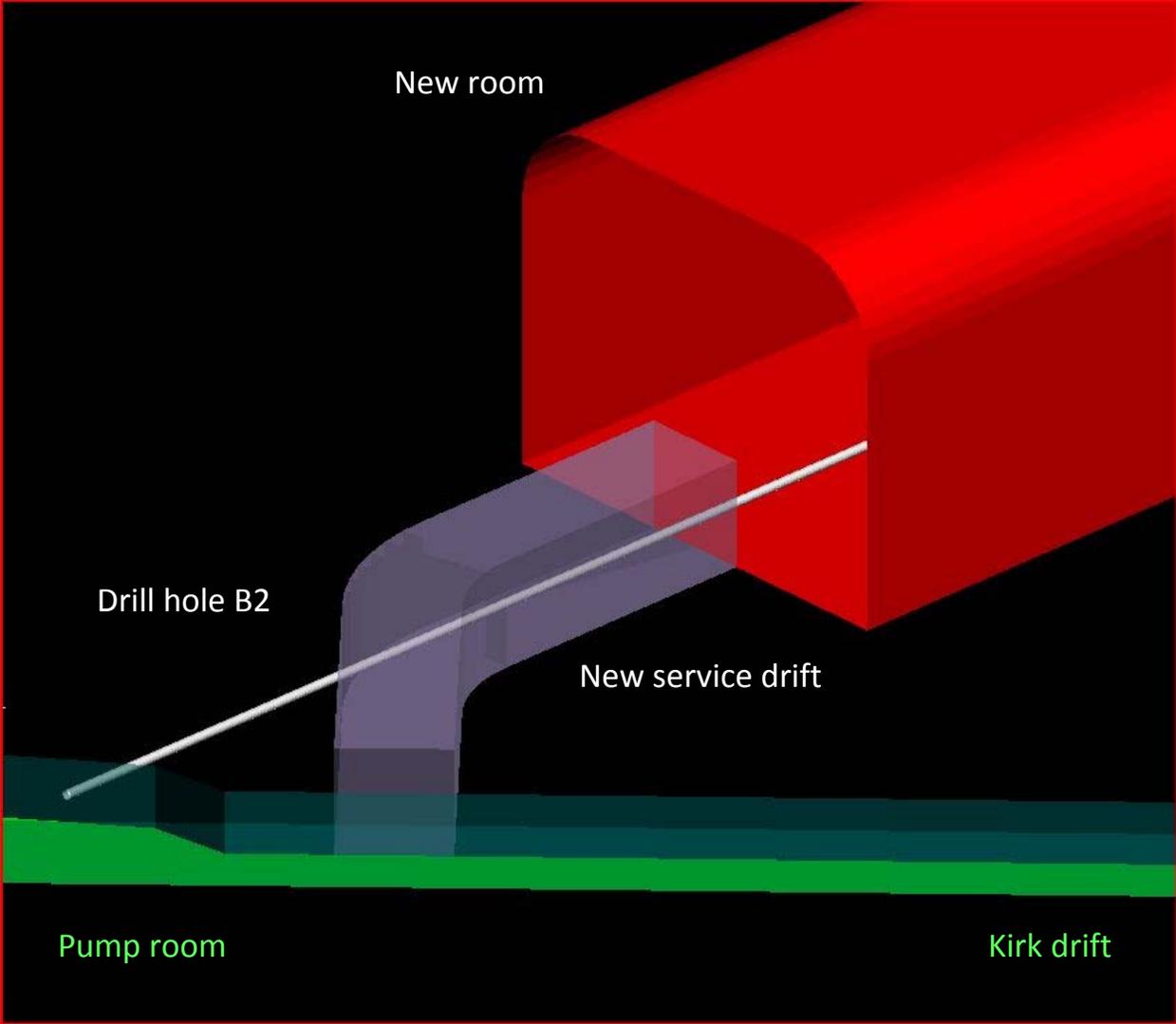


Fig.23 The 300 level - new development area (3D model).

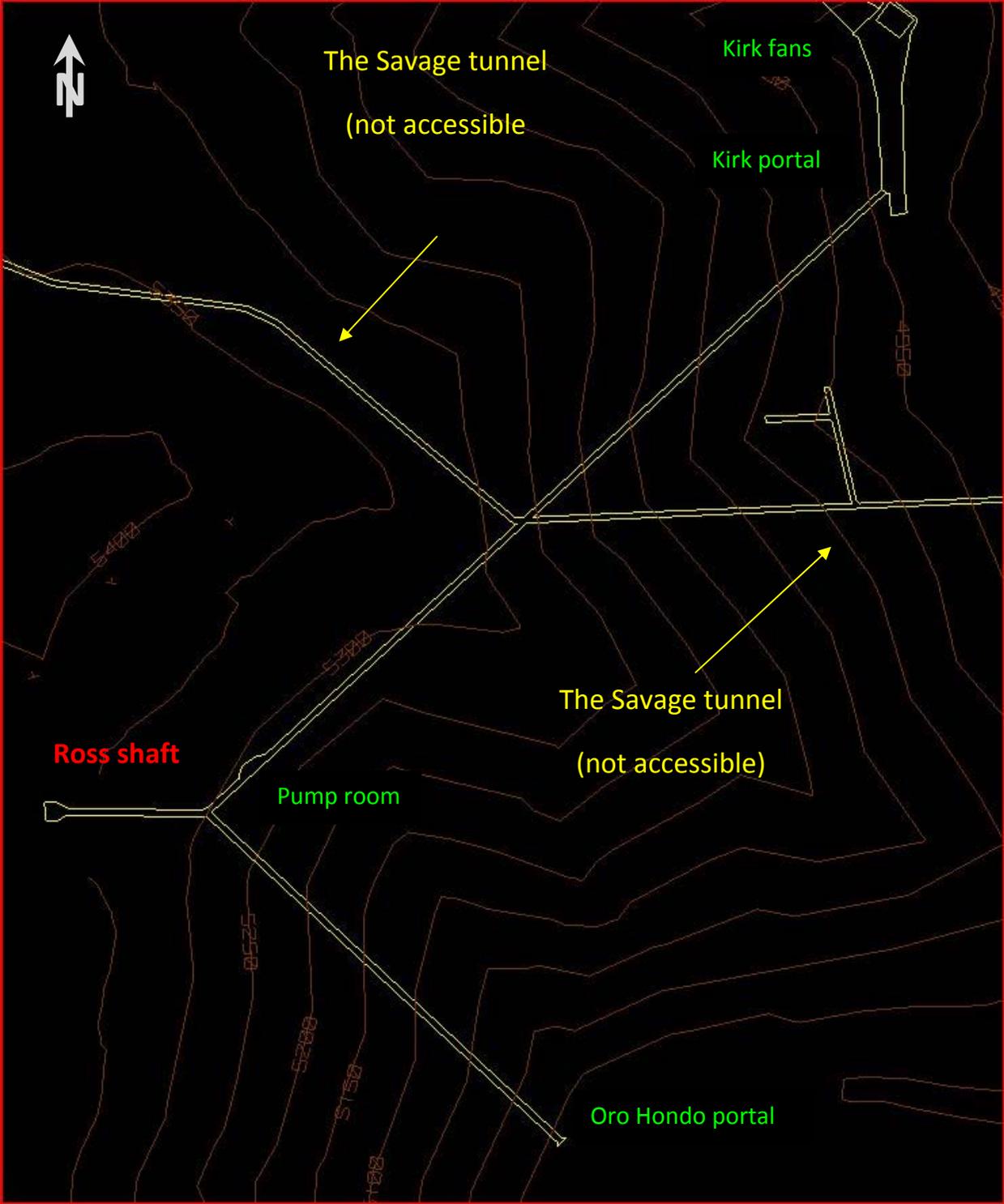


Fig.24 Mapping scope – existing drifts, excavations and areas to be mapped at 300 level.