

Appendix E Paleontological Resources Data

Appendix

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Vertebrate Paleontology Section
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4 October 2019

PlaceWorks, Inc.
3 MacArthur Place, Suite 1100
Santa Ana, CA 92707

Attn: Elizabeth Kim, Senior Associate

re: Paleontological Records Search for the proposed Lincoln at Euclid Project, in the City of Anaheim, Orange County, project area

Dear Kim:

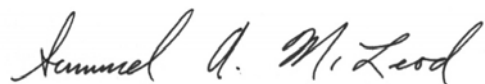
I have conducted a thorough search of our Vertebrate Paleontology records for the proposed Lincoln at Euclid Project, in the City of Anaheim, Orange County, project area as outlined on the portion of the Anaheim USGS topographic quadrangle map that you sent to me via e-mail on 27 September 2019. We do not have any vertebrate fossil localities that lie within the proposed project site boundaries, but we do have localities nearby from the same sedimentary deposits that probably occur at depth in the proposed project area.

Surficial sediments at the proposed project area site and in the surrounding vicinity consist of younger terrestrial Quaternary Alluvium, with older terrestrial Quaternary sediments occurring at various depths, as part of the floodplain deposits from the Santa Ana River that currently flows to the east and possibly from Carbon Creek that currently flows just to the north. These deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers, but we have a vertebrate fossil locality, LACM 1652, almost due east of the proposed project area on the west side of the Santa Ana River along Rio Vista Avenue south of Lincoln Avenue, that produced a fossil specimen of sheep, *Ovis*. Our closest fossil locality in older Quaternary sediments is LACM 4943, situated a little farther east of the proposed project area east of the Santa Ana River along Fletcher Avenue east of Glassell Street, that produced a specimen of fossil horse, *Equus*, at a depth of 8-10 feet below the surface.

Surface grading or very shallow excavations in the uppermost few feet of the younger Quaternary Alluvium in the proposed project area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations in the proposed project area, however, may well encounter significant vertebrate fossils in older Quaternary deposits. Any substantial excavations in the proposed project area below the uppermost layers, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script that reads "Samuel A. McLeod".

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice