

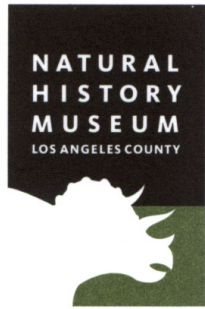
Appendix D Paleontological Data

Appendix

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Vertebrate Paleontology Section
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10 March 2020

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

Attn: Elizabeth Kim, Senior Associate

re: Paleontological Records Search for the proposed The Renaissance Project, Project # COA-72,
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 The Renaissance Project, Project # COA-72, 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 25 February 2020. We do not have any vertebrate fossil localities that lie within the proposed project area boundaries, but we do have localities somewhat nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

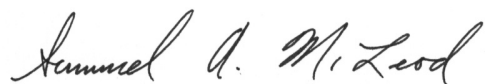
Surface sediments throughout the entire proposed project area and in the surrounding vicinity consist of younger terrestrial Quaternary Alluvium, derived primarily as alluvial fan deposits from the hills of the Santa Ana Mountains to the east via Carbon Creek that currently flows adjacent to the proposed project area. These younger Quaternary deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers, but are underlain by older Quaternary deposits at varying depths that do contain significant vertebrate fossils. East-southeast of the proposed project area, just west of the Santa Ana River along Rio Vista Avenue south of Lincoln Avenue, we have a vertebrate fossil locality, LACM 1652, that produced a fossil specimen of sheep, *Ovis*. Our closest fossil locality in older Quaternary sediments is LACM 4943, also situated east-southeast of the proposed project area almost due east of locality LACM

1652 along Fletcher Avenue east of Glassell Street east of the Santa Ana River, that produced a specimen of fossil horse, *Equus*, at a depth of 8-10 feet below the surface.

Shallow excavations in the uppermost few feet of the younger Quaternary alluvial sediments exposed throughout the proposed project area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations in the proposed project area that extend down into older Quaternary sediments, however, may well encounter significant vertebrate fossils. Any substantial excavations below the uppermost layers in the proposed project area, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Sediment samples should also 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