



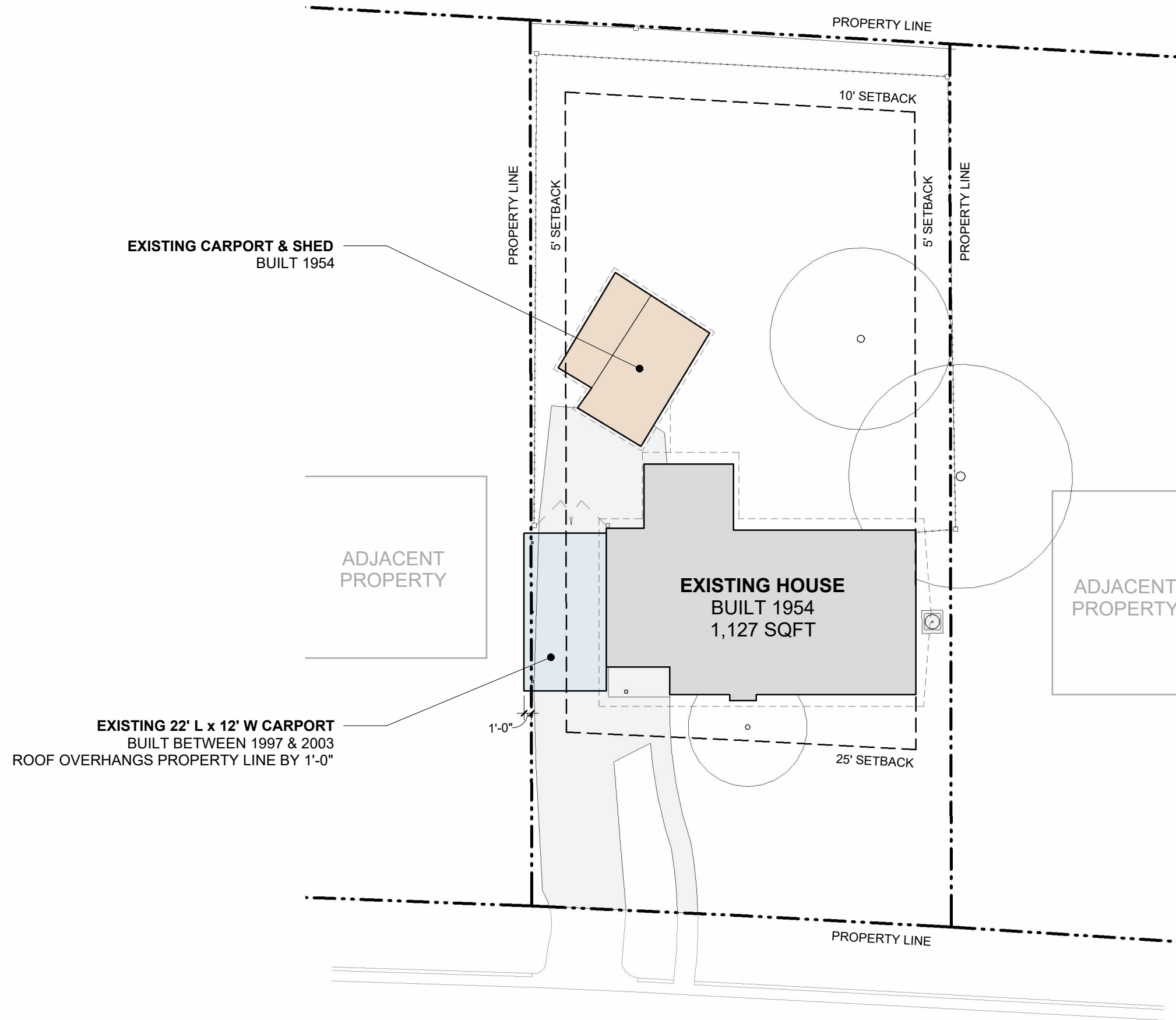
CORONA RESIDENCE
BOARD OF ADJUSTMENT

Agent: Ada Corral, Jobe Corral Architects
Owners: Ilse Frank & Timothy Braun
Project Address: 1422 Corona Drive
Seeking Variance for: LDC Section 25-2-492, Site Development Regulations
Case Number: C15-2024-0017



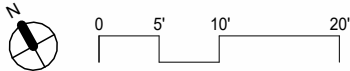
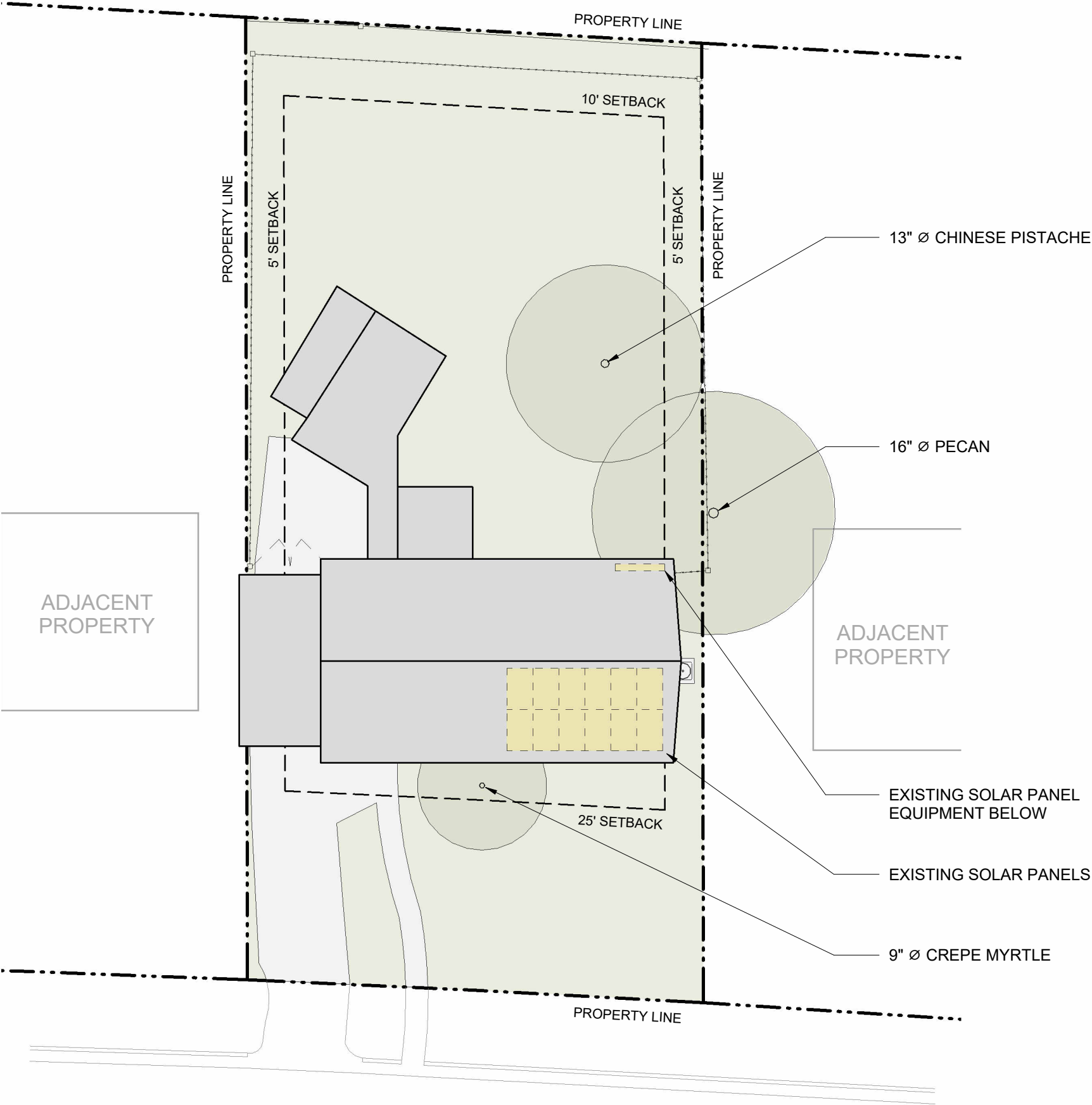
EXISTING RESIDENCE: 1422 CORONA DRIVE



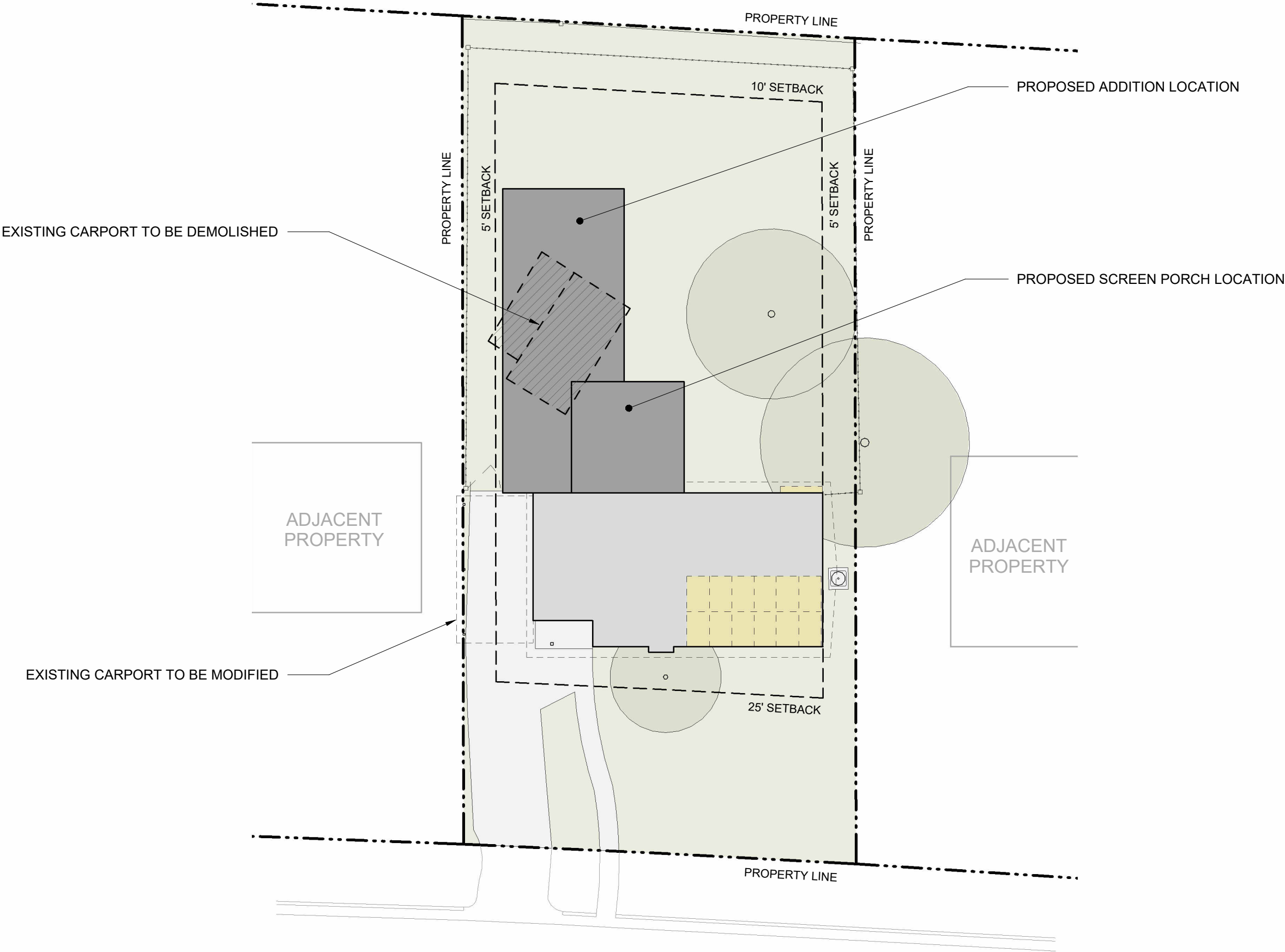


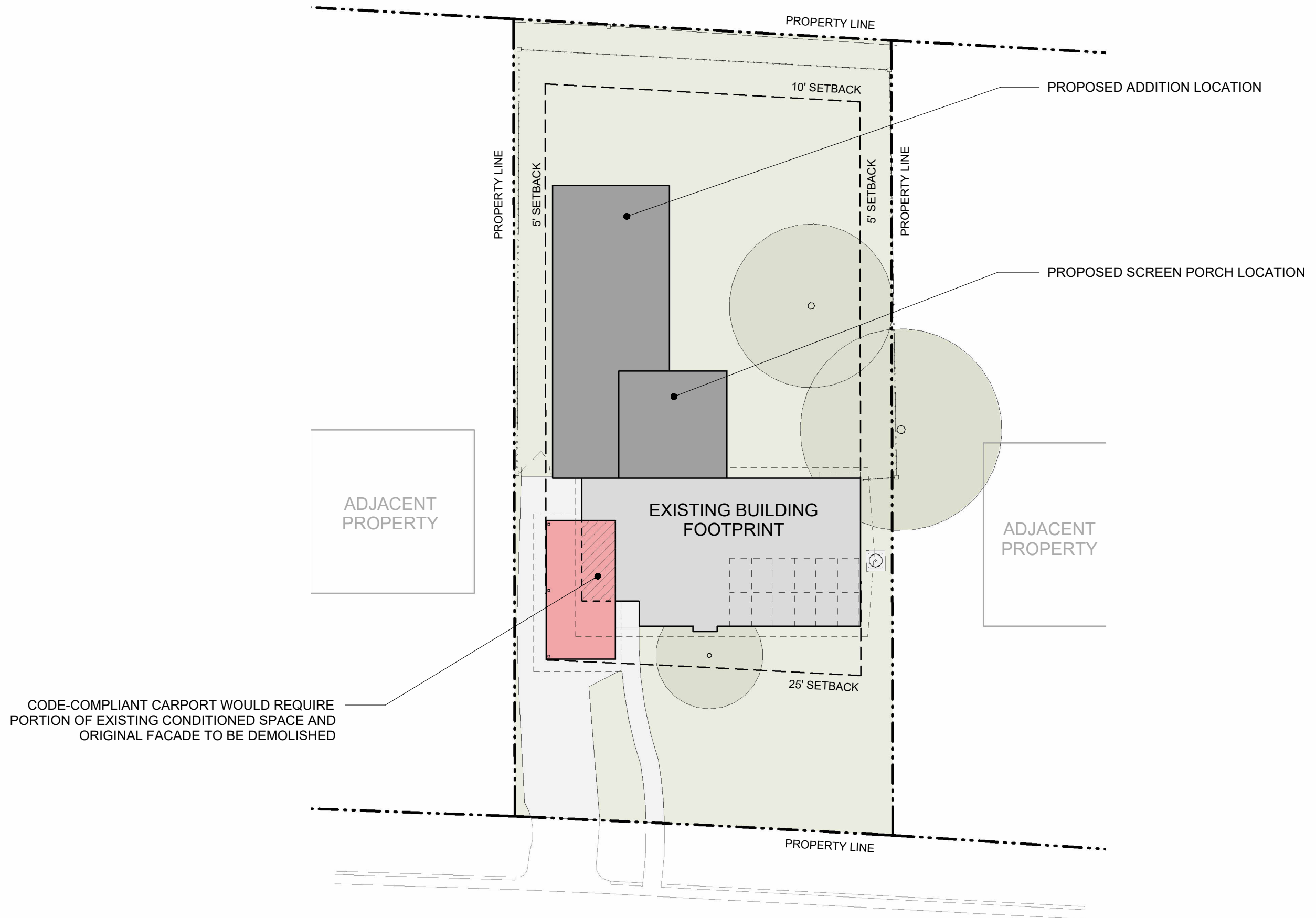
CORONA DRIVE

For review only. Design elements subject to change.
Not for regulatory approval, permit, or construction.



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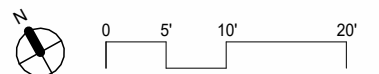




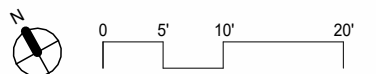
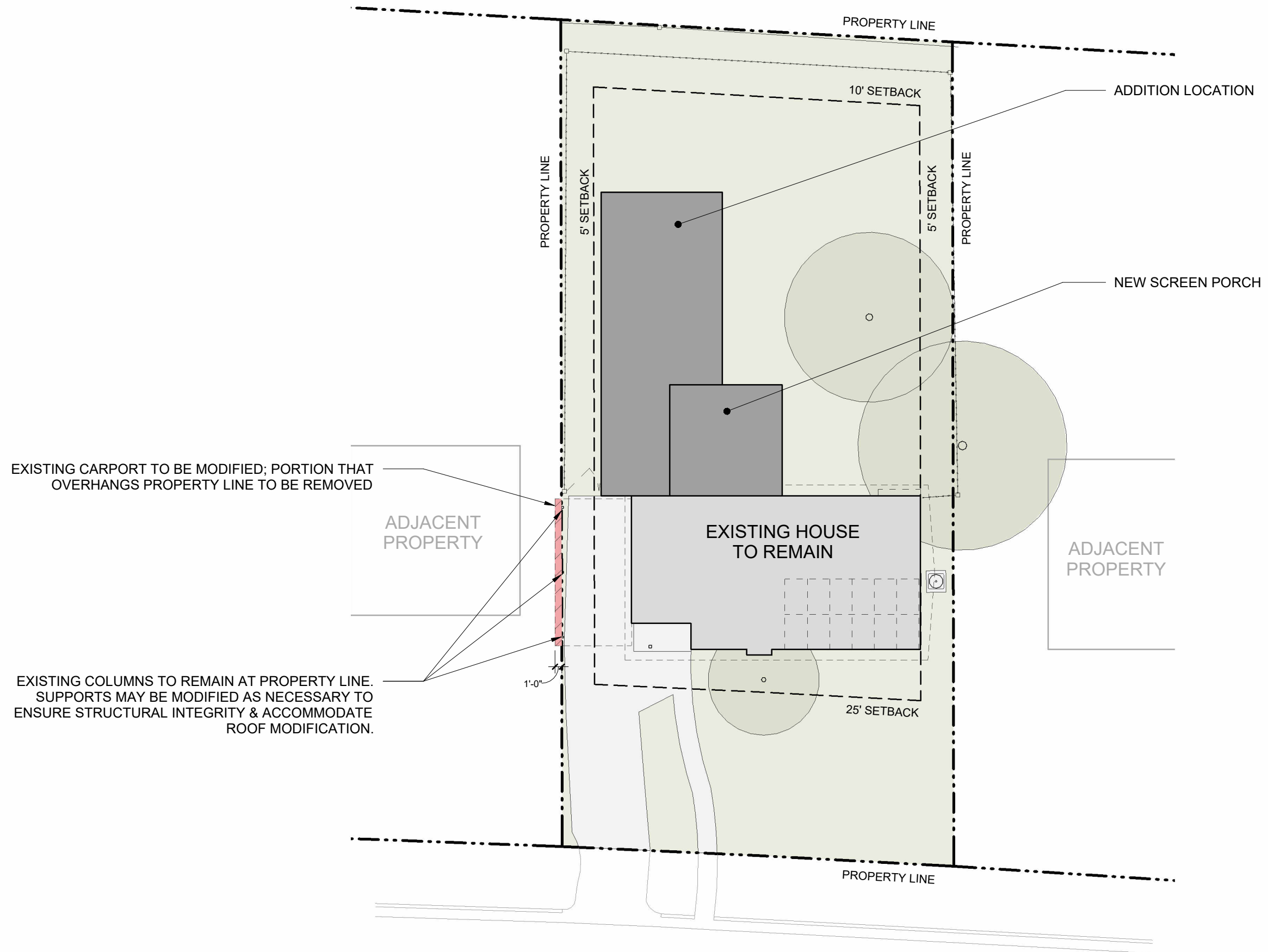
CODE-COMPLIANT CARPORT WOULD REQUIRE
PORTION OF EXISTING CONDITIONED SPACE AND
ORIGINAL FACADE TO BE DEMOLISHED



CORONA DRIVE



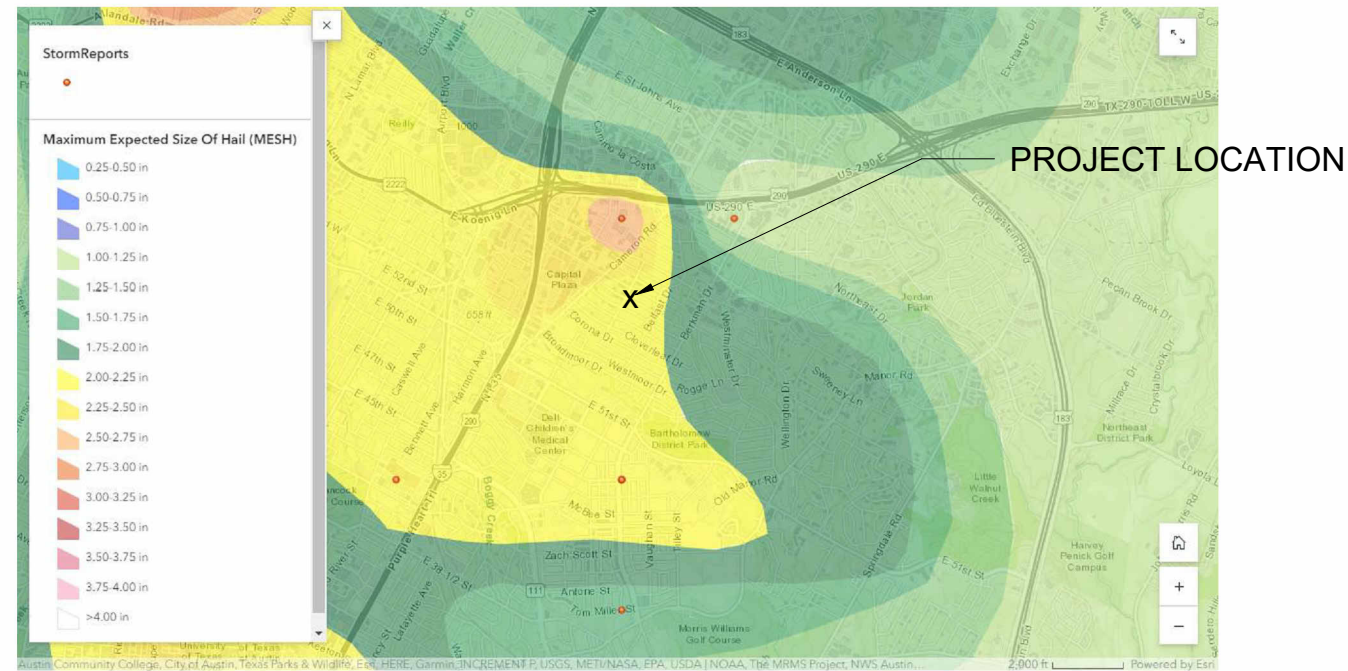
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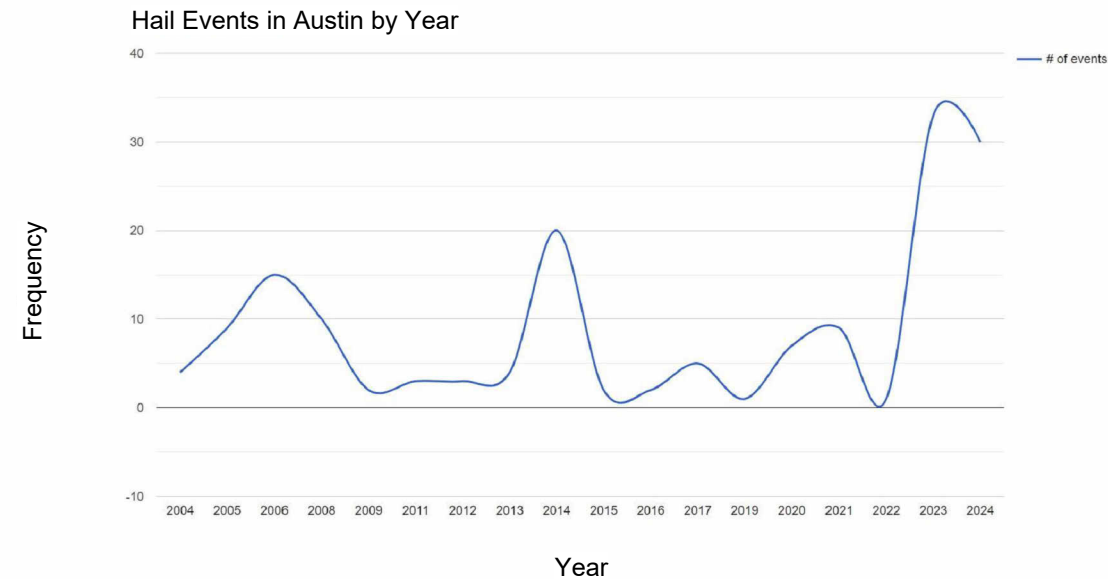
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CLIMATE CHANGE & INCREASED INSTANCES OF EXTREME WEATHER



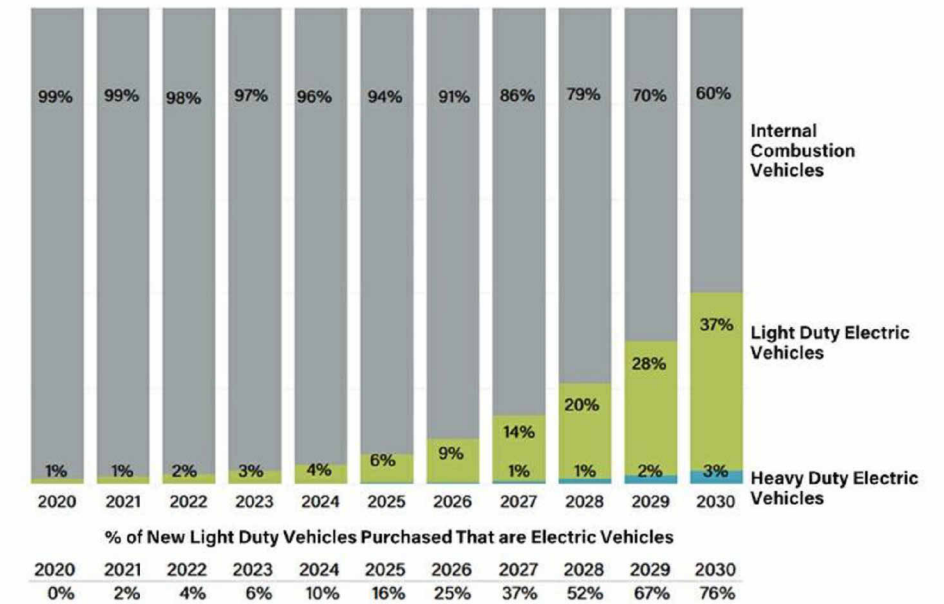
Hail Map from September 2023 Storm
Source: ArcGIS



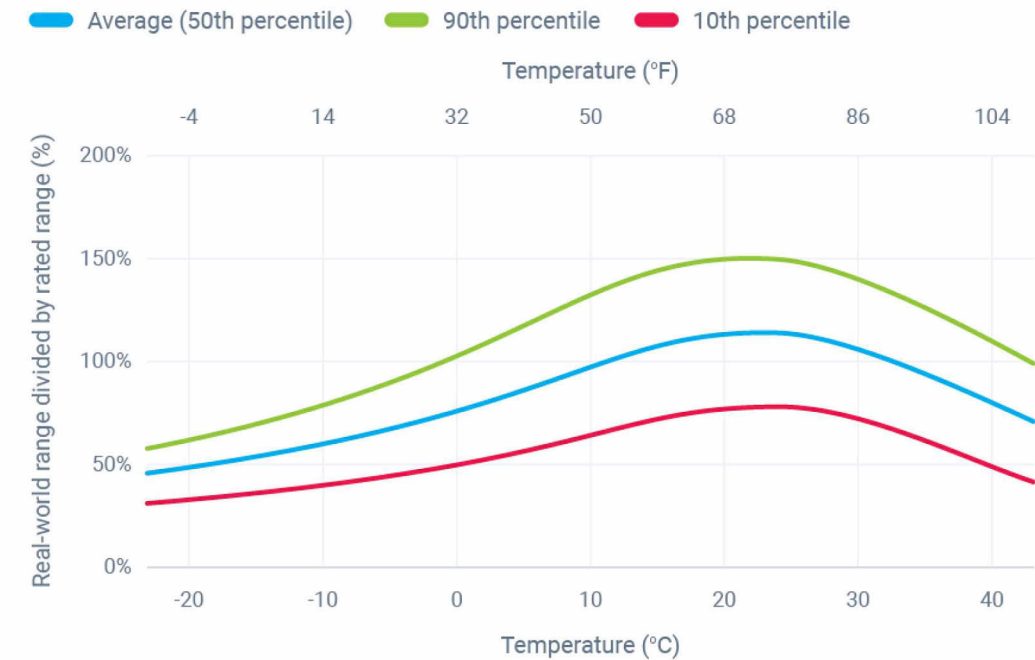
Hail over 1 1/2" in diameter can cause significant damage to vehicles.
 In 2024, there have been 24 reports of hail 1 1/2" and larger in Austin.
 In 2023, there were 19 reports of hail 1 1/2" and larger in Austin.
 In 2022, there were no reports of hail 1 1/2" and larger in Austin.
 Source: National Weather Service, Stormersite.com

AUSTIN CLIMATE EQUITY PLAN & EV BATTERY EFFICIENCY

COA Transportation Electrification 2030 Goal:
 40% of total vehicle miles traveled in Austin are electrified



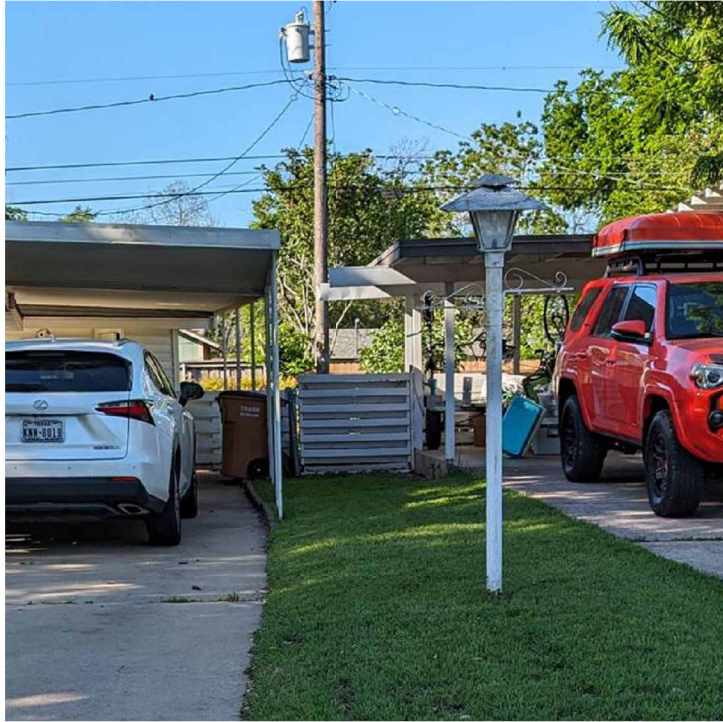
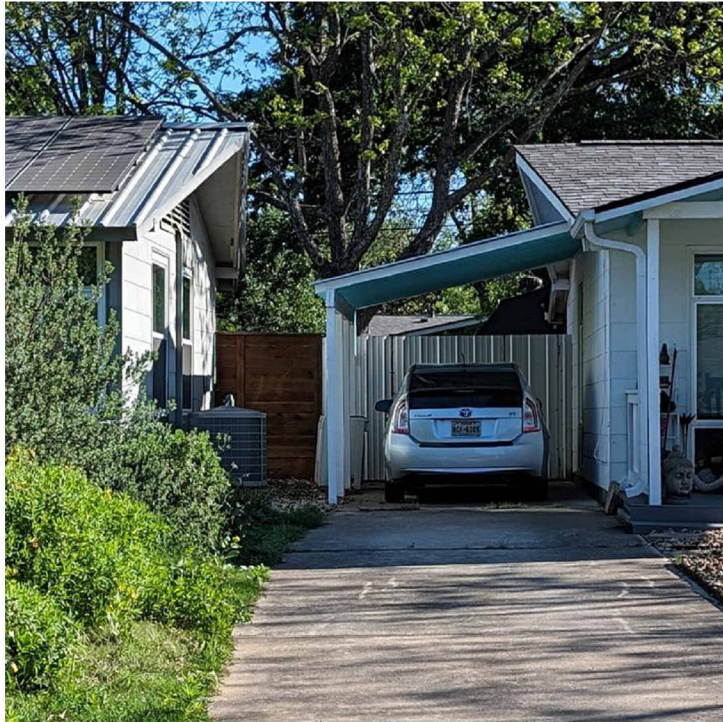
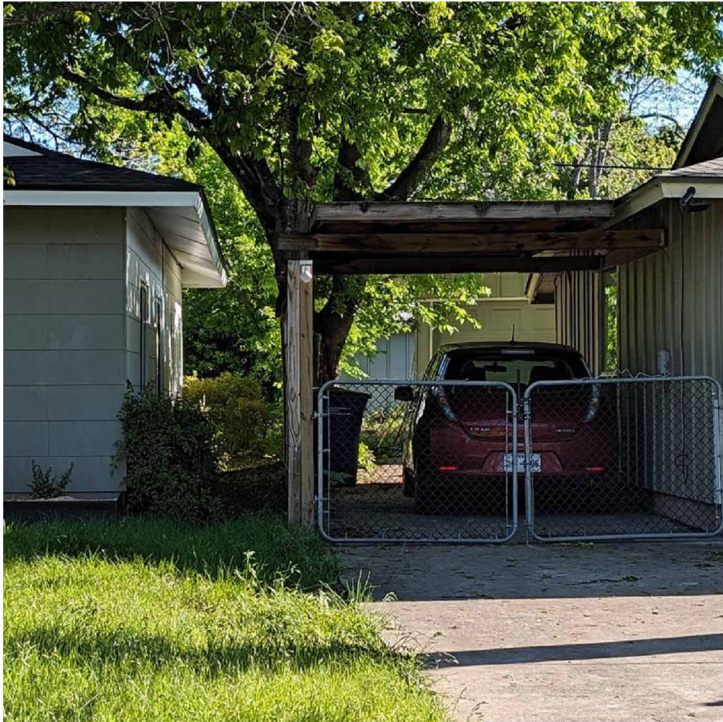
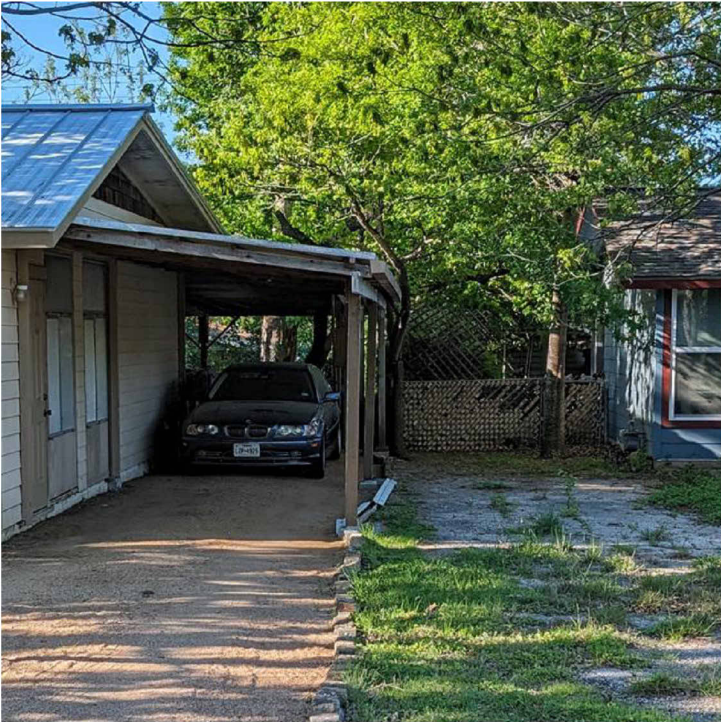
Austin On-road Vehicle Target
Source: austintexas.gov

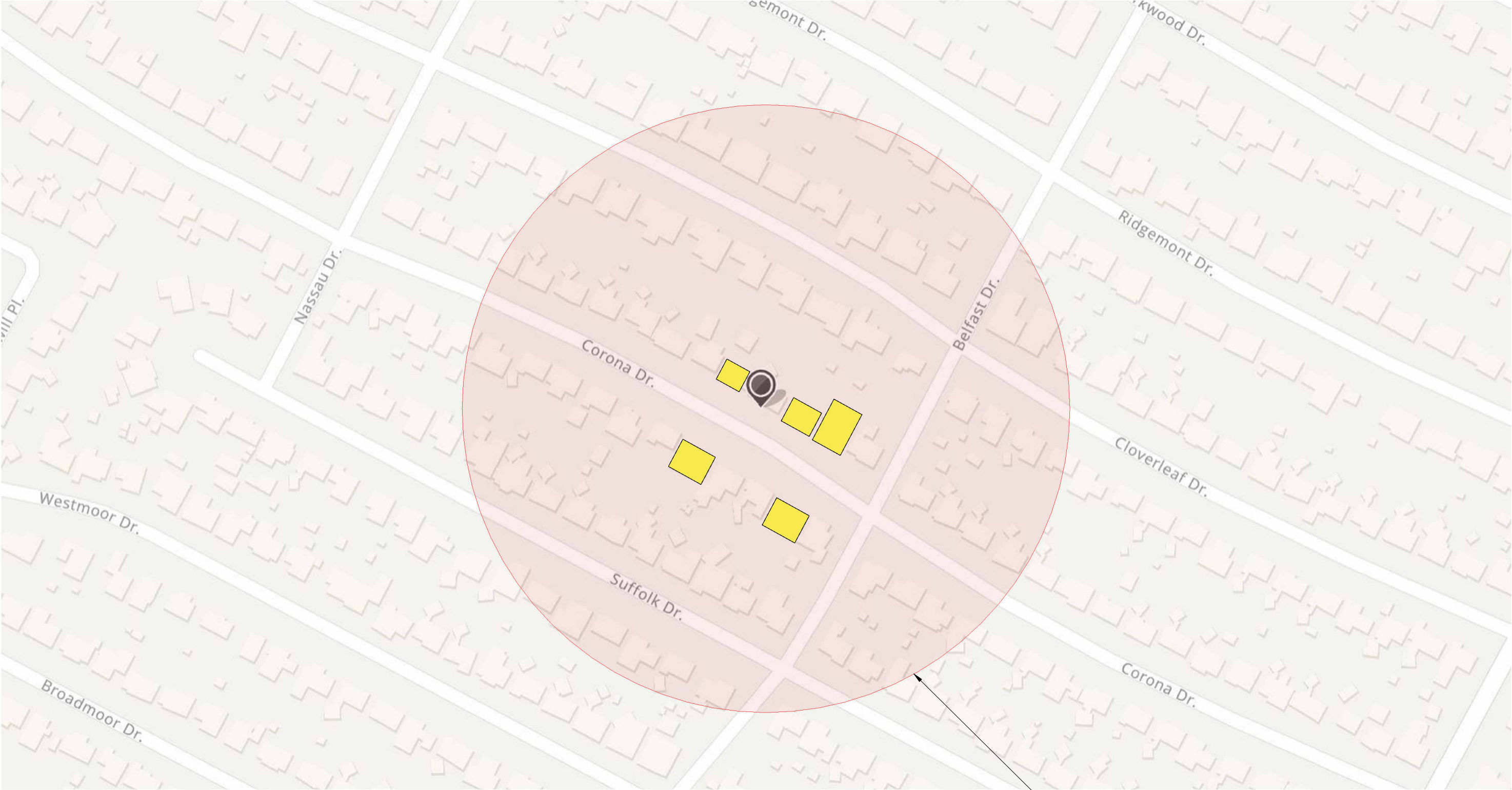


Effect of Temperature on EV Battery Efficiency & Range
Source: Geotab

WHY A CARPORT IS NECESSARY







500' Ø RADIUS FROM PROPERTY

