

Provo Orem Transportation Improvement Project

Orem City Council Work Session
March 8, 2016

Today's Goal

- Provide an overview of the process to date
- Review landscape components/amenities
- Review the current landscape design for the corridor

Council Resolution

- ✓ Widen University Parkway such that the BRT system may be converted to a future Light Rail Transit System
- ✓ Widen University Parkway from State Street to Provo with three (3) travel lanes in each direction
- ✓ Adequate right-of-way width should be planned for shoulder area for bicyclists and sidewalks for pedestrians
- ✓ Consider providing RIRO access for Kohl's
- ✓ Dual eastbound left-turn lanes at 800 East
- ✓ Use Transit Signal Priority along the Corridor for BRT
- ✓ Maintain fully protected left-turn movements at all intersections
- ✓ Maintain exclusive BRT lanes for buses in both directions
- ✓ Maintain sidewalk (6') on the north side of Univ. Parkway
- ✓ Construct new sidewalk/trail on south side of Univ. Parkway between State Street and 800 East
- ✓ Construct center stations along Univ. Parkway
- ✓ Construct the BRT lanes such that vehicular traffic will know not to enter
- ✓ Participate on the construction of a pedestrian and bicycle tunnel under Univ. Parkway between Wal-Mart and UVU

Items currently being addressed

- Widen Univ. Parkway so that equal amount of landscaping will be taken from both sides. Place new landscaping near BRT stations and/or in alignment/lane areas such that there will be no net loss in existing trees and/or existing landscaping and acreage
- Maintain the two existing $\frac{3}{4}$ accesses on Univ. Parkway at 100 East and 300 East
- Evaluate station locations between 400 West and State Street. Locate the BRT stations to better facilitate/maximize pedestrian accessibility to the businesses along University Parkway
- Negotiate parking agreements with businesses along Univ. Parkway near station locations for BRT riders to park their personal vehicles

Landscape Iterations to Date

- 1:1 Landscape Replacement
 - Parking stalls impacted – 798
- 20' Setback
 - Parking stalls impacted – 383
- 15' Setback
 - Parking stalls impacted – 141

Current Design

10' Park Strip, 6' Sidewalk or 10' Trail

Why it works:

- Balanced approach between landscaping and business impacts
- Impacts less parking – 121 stalls total
- Provides opportunities for landscaping amenities

Landscape Amenities

- Consistent Tree Coverage thru Corridor
- Variety of Planting Materials
- Decorative Retaining Walls
- Sidewalk with Stamped Concrete
- Landscape Lighting
- Decorative Hand Rails



Decorative Wall Samples



Decorative Lighting Samples

University Parkway in Orem

Provo-Orem Transportation Improvement Project

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Utah Transit Authority



Handrail Samples



University Parkway in Orem

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University Parkway in Orem

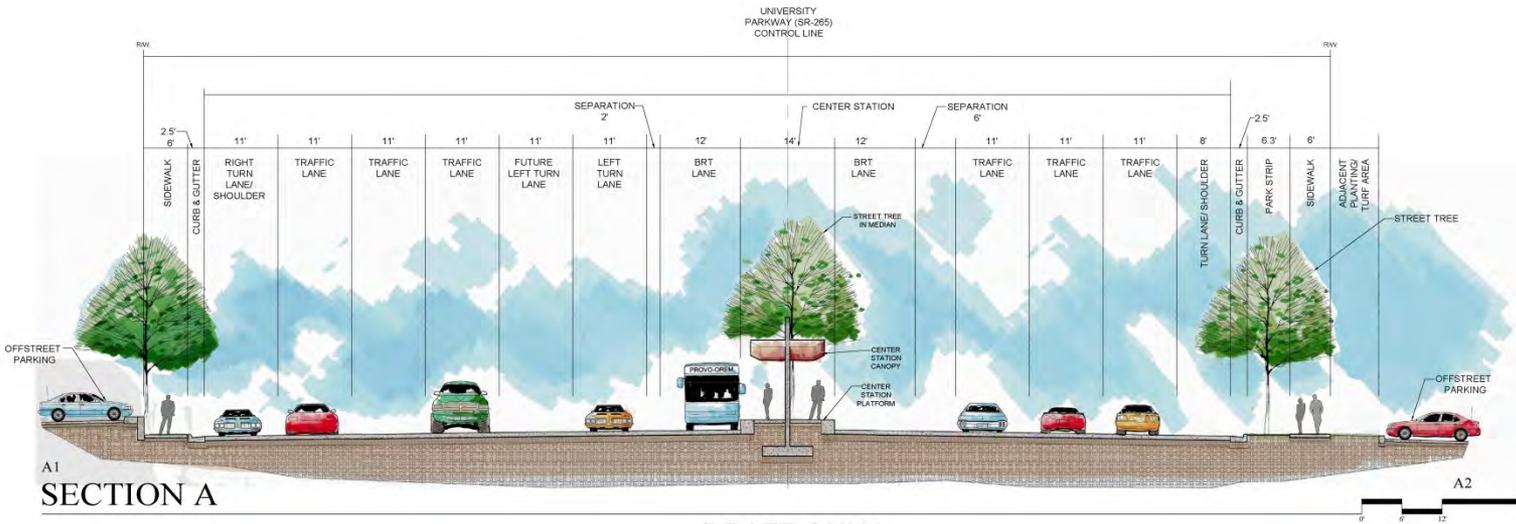
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Run 3D Simulation



PLAN VIEW



A1 SECTION A

A2

DRAFT ONLY

NOTE: THESE DRAWINGS ARE CONCEPTUAL ONLY AND SUBJECT TO CHANGE.

University Parkway at Main Street Concept

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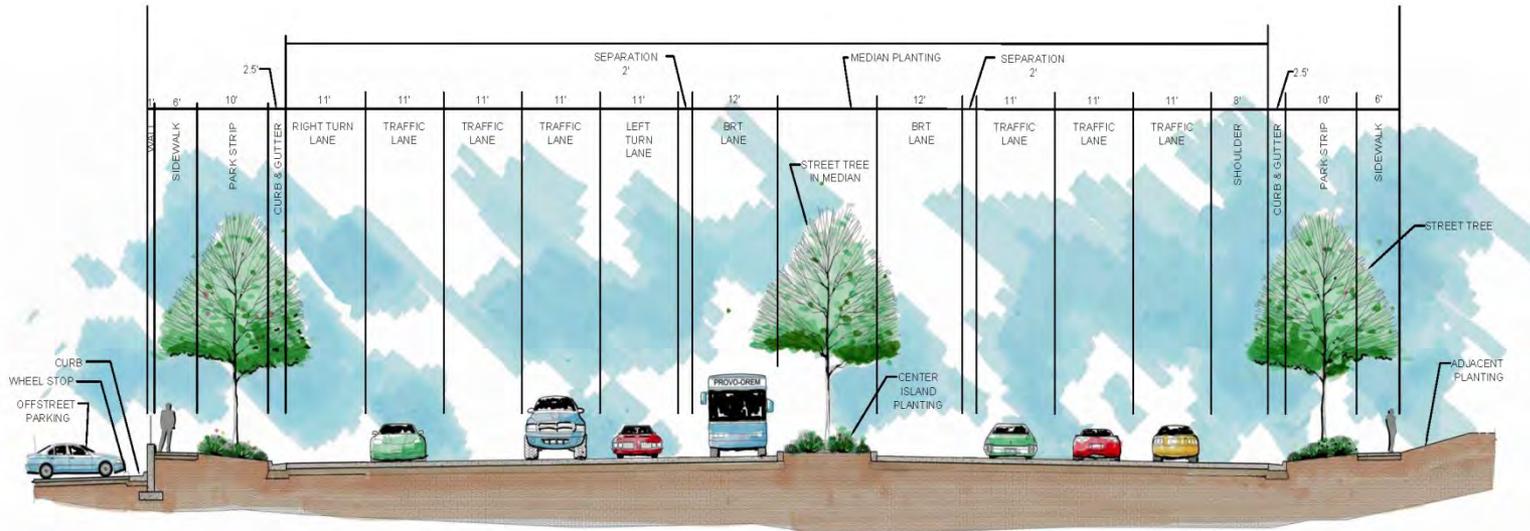


EDA Land Planning, P.C.
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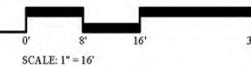
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Phone 801-924-2296
Fax 801-924-2297

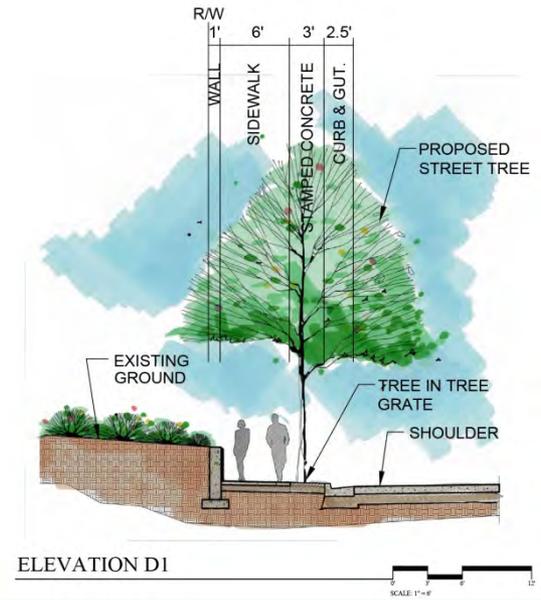
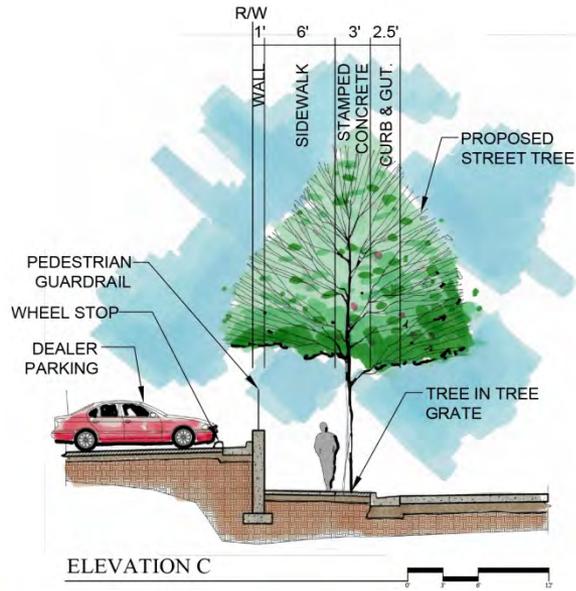
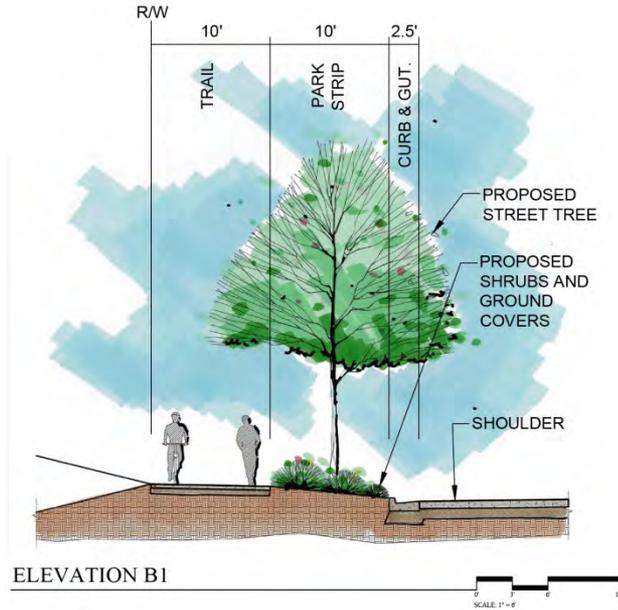
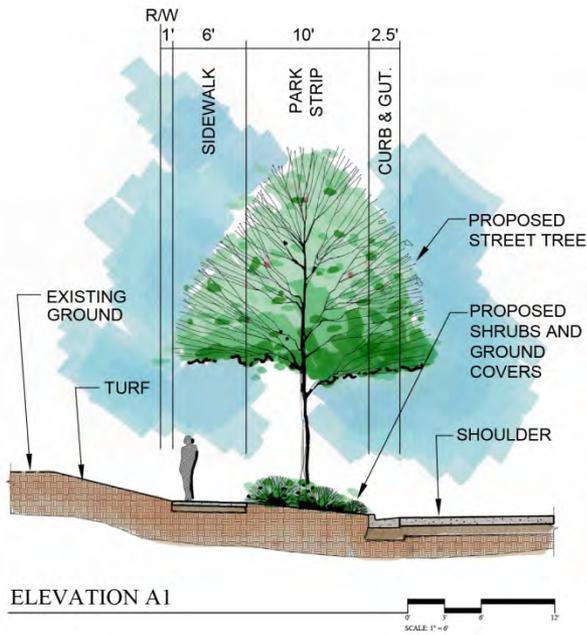
Landscape Architecture • Master Planning
• Urban Design

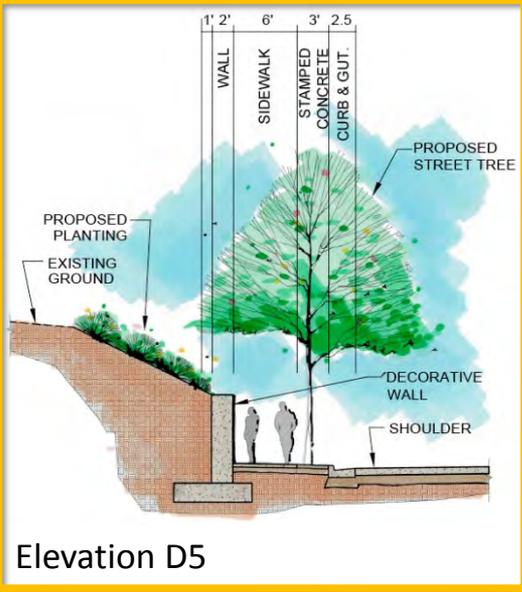


ELEVATION - FULL WIDTH

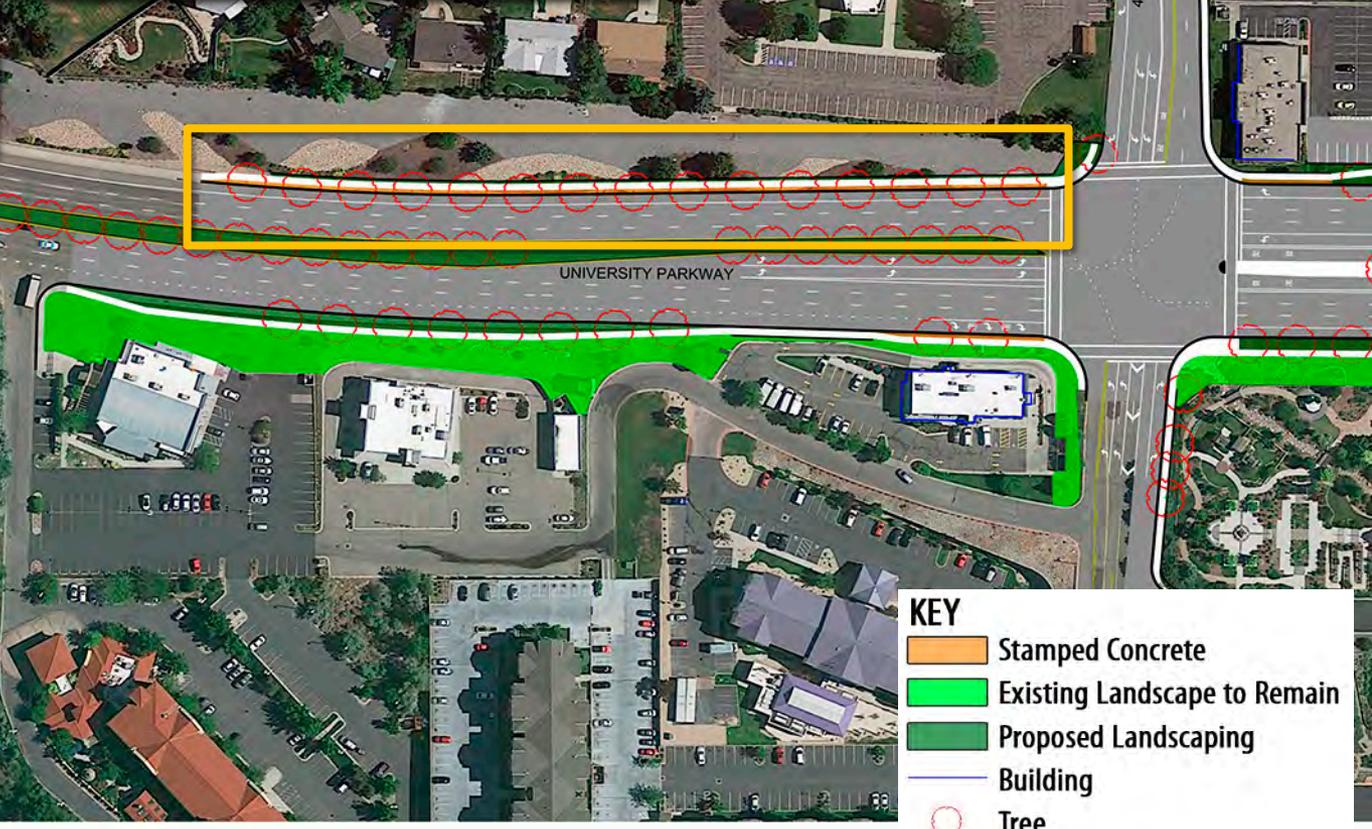


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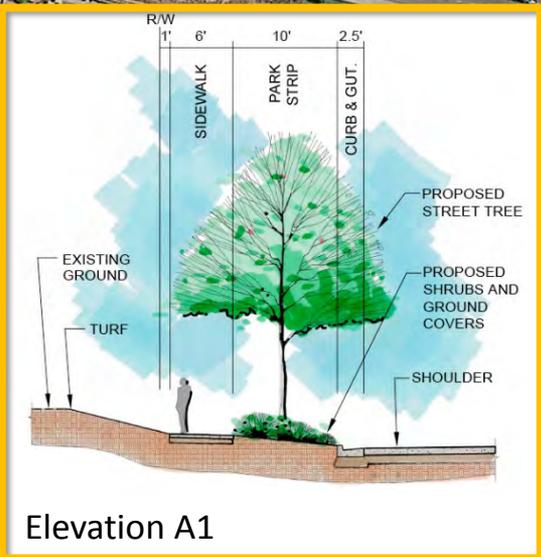
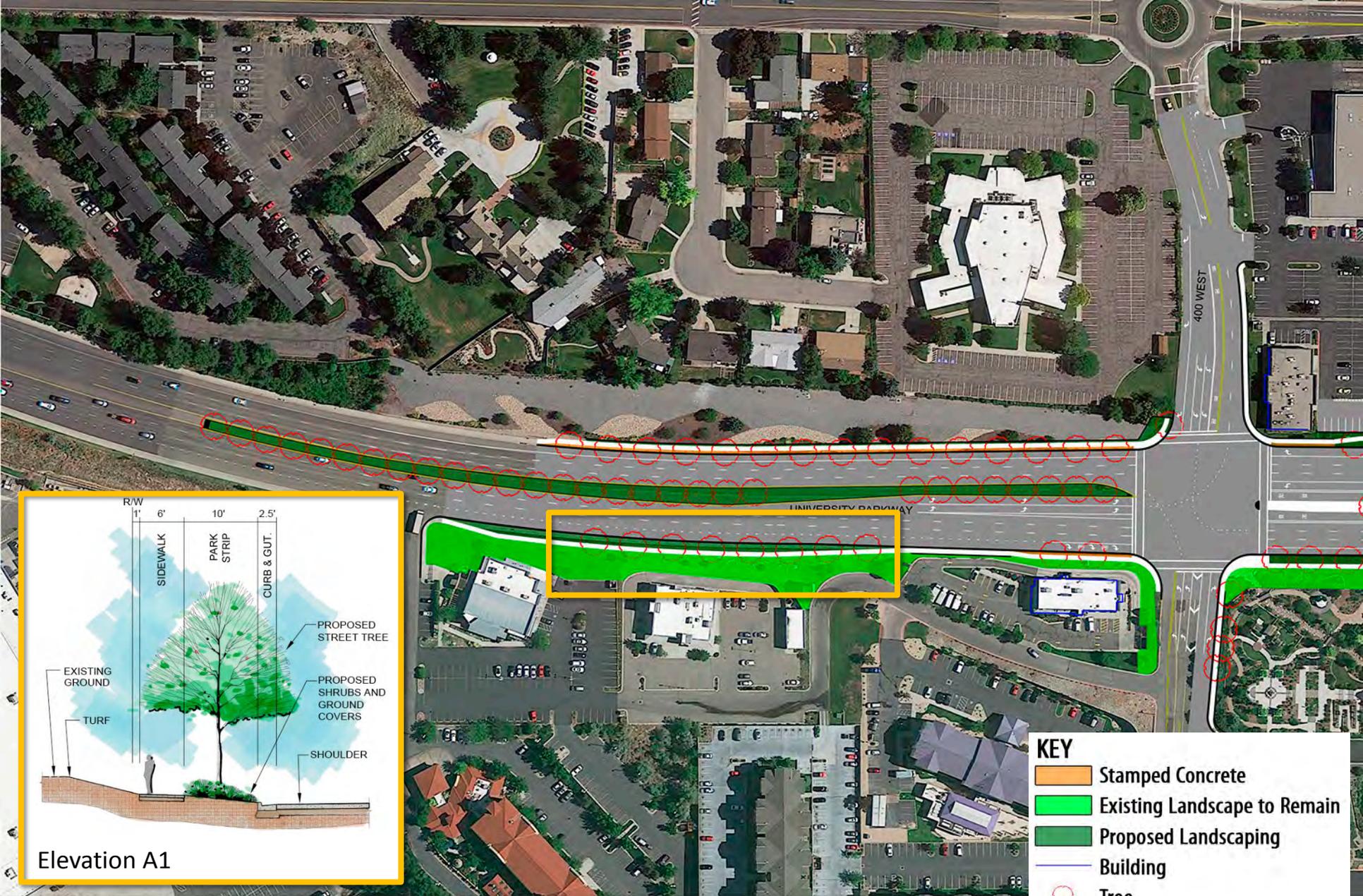


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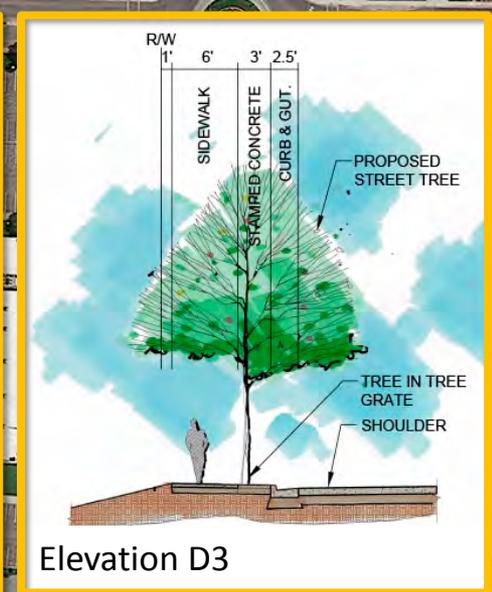
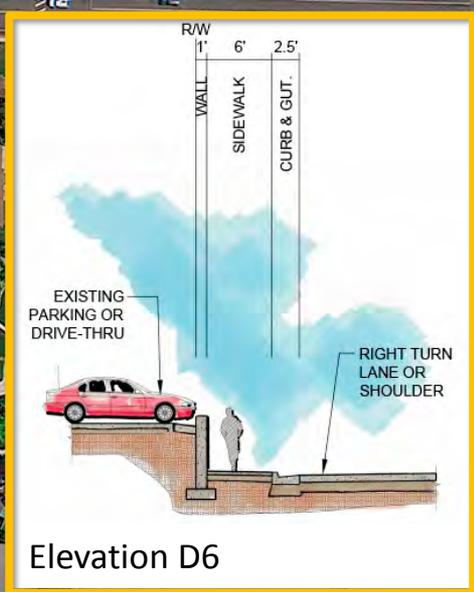
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-  Proposed Landscaping
-  Building
-  Tree
-  Parking Impact



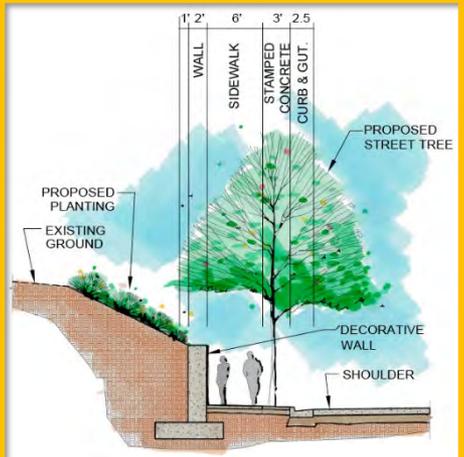
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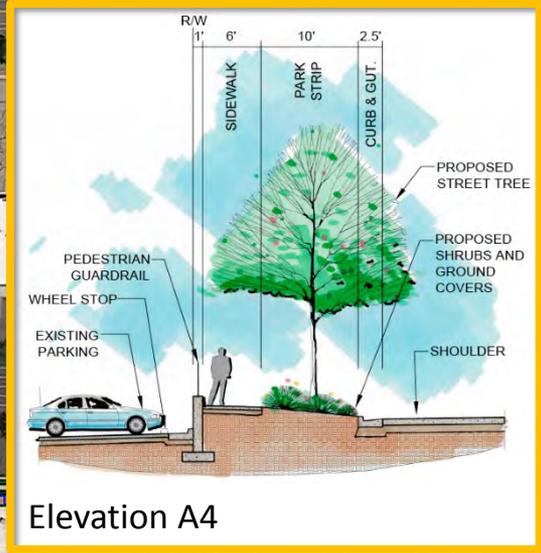
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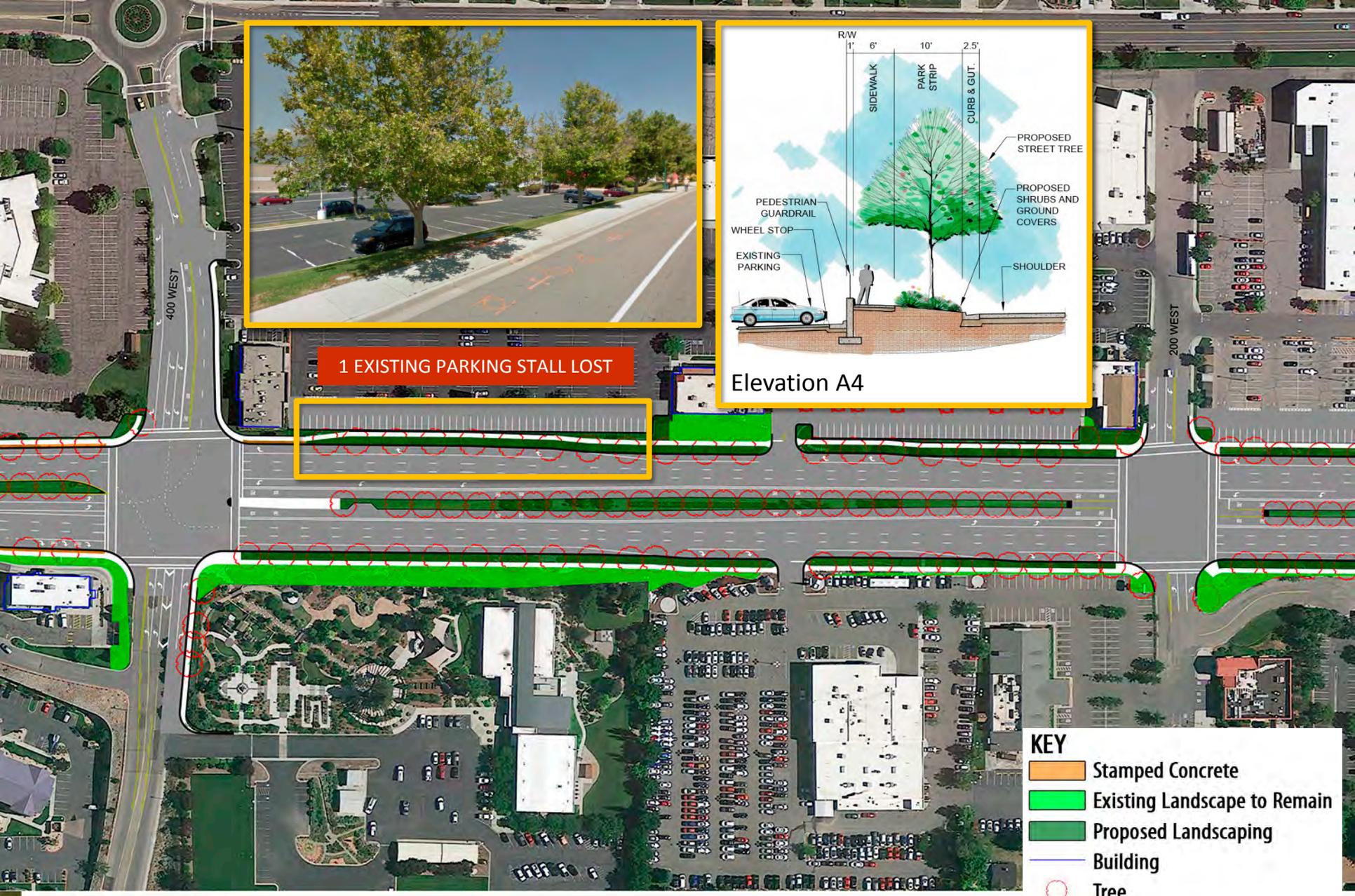
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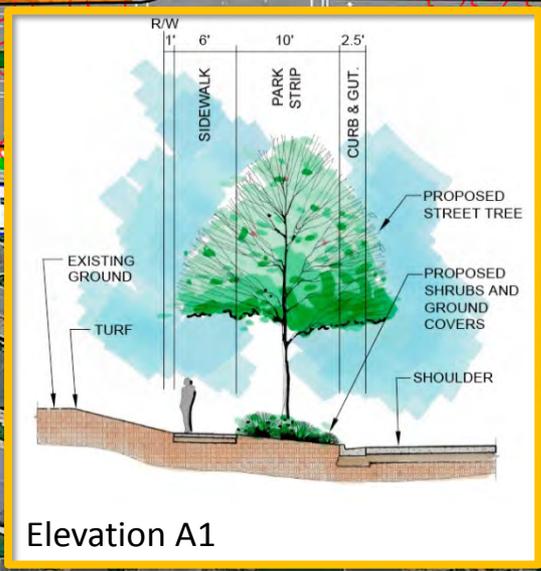
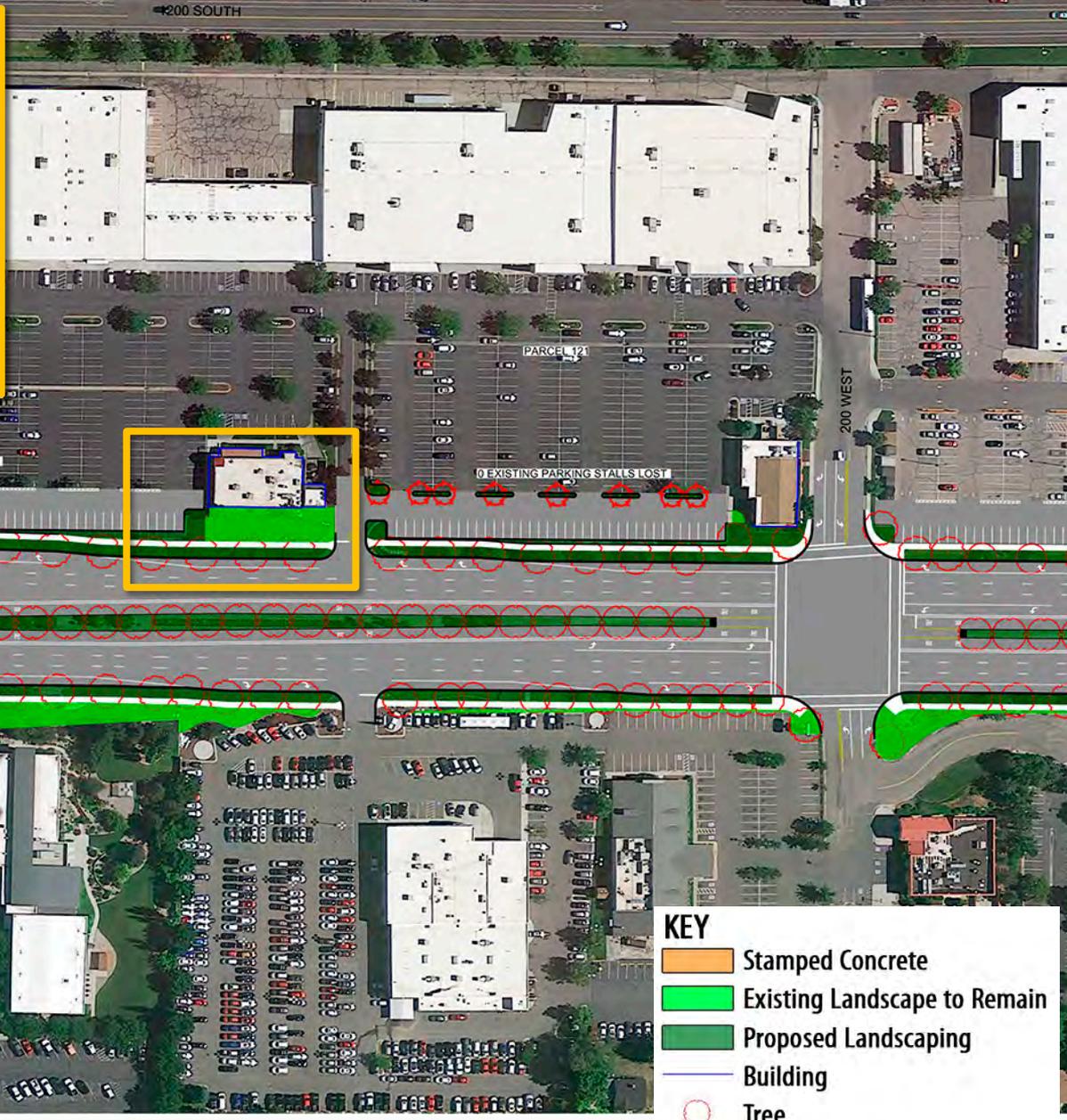


1 EXISTING PARKING STALL LOST

Elevation A4



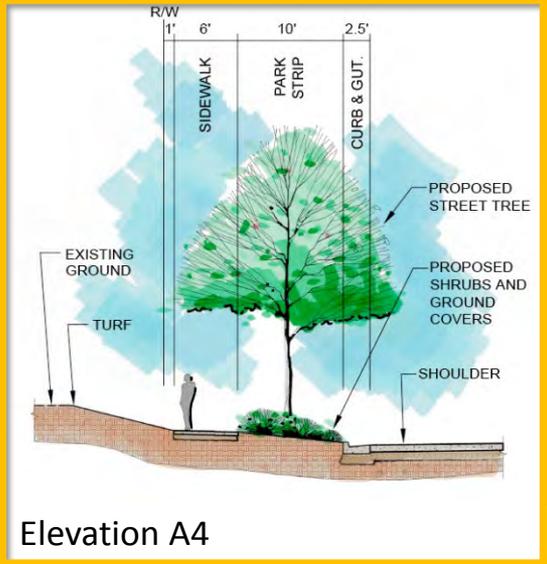
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Elevation A1

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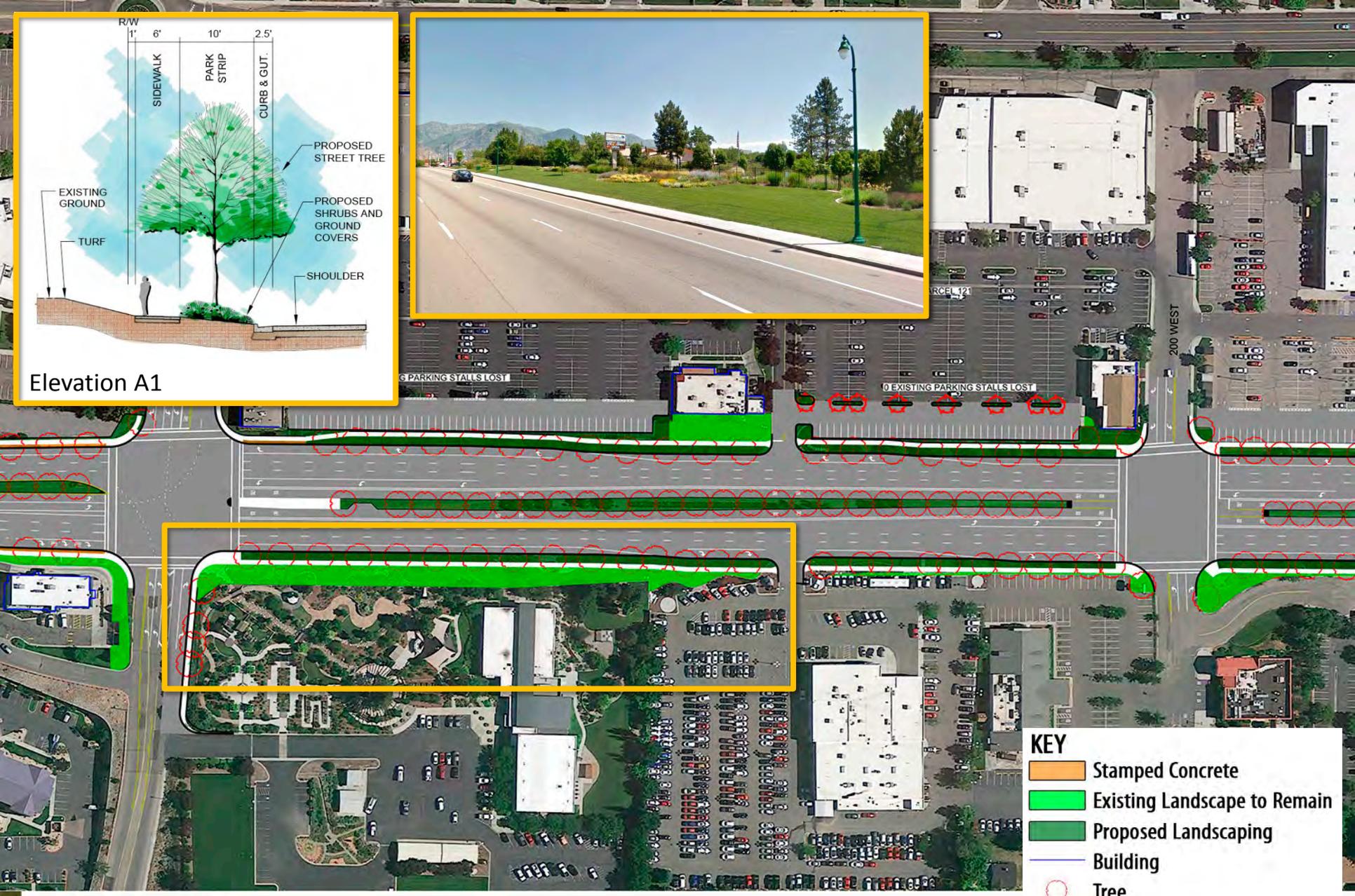
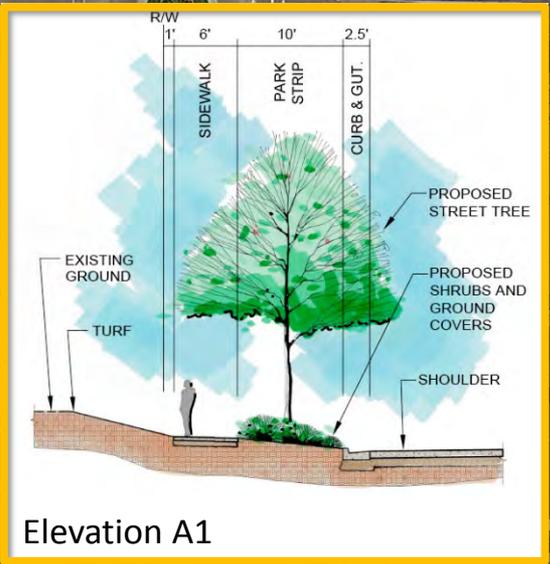
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Elevation A4

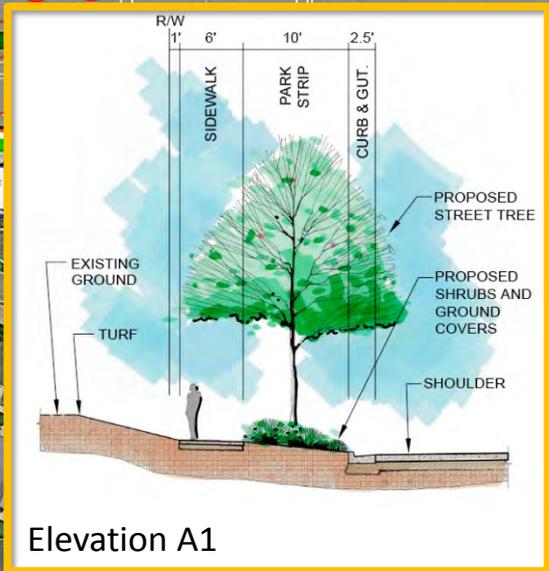
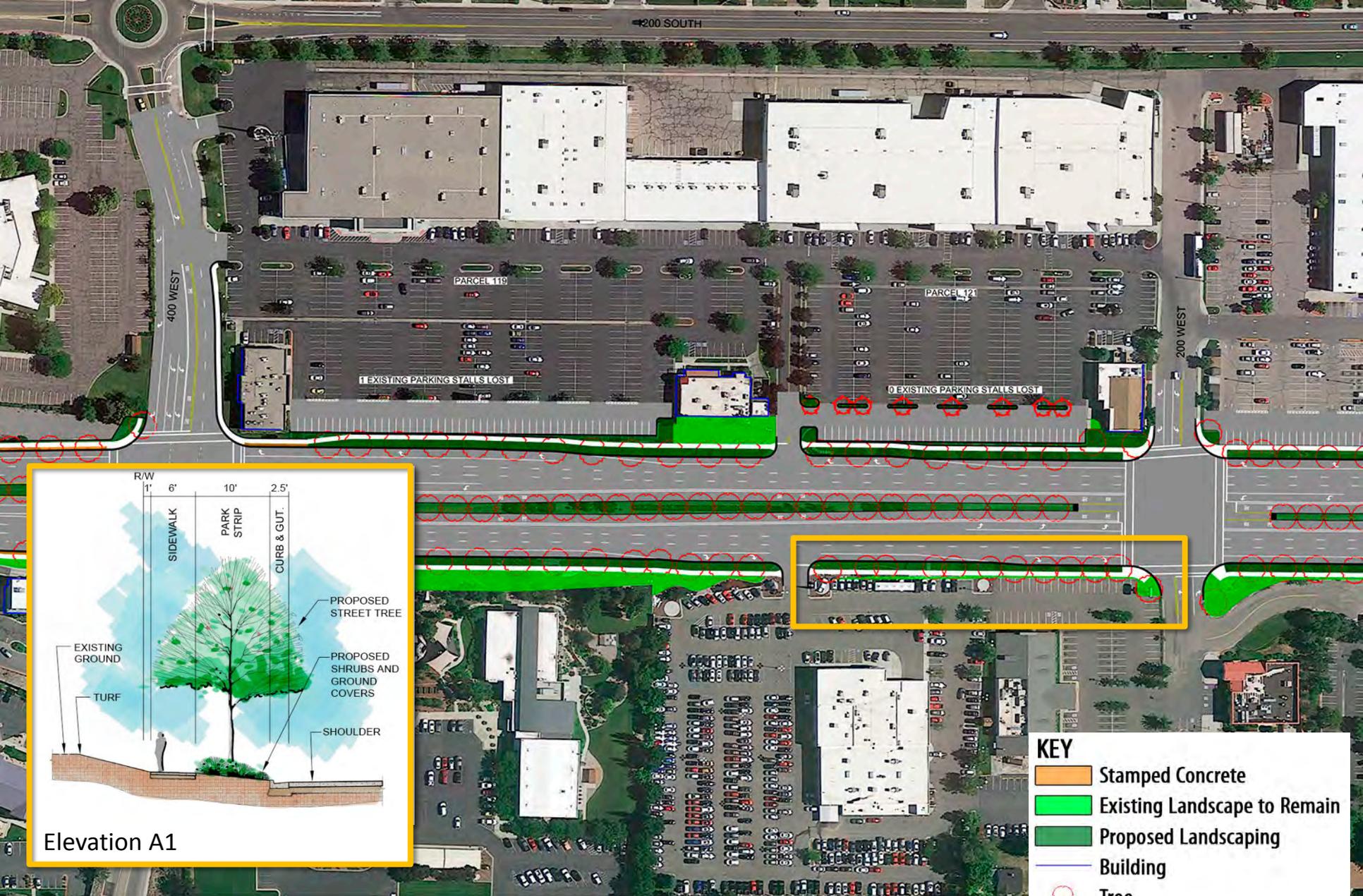
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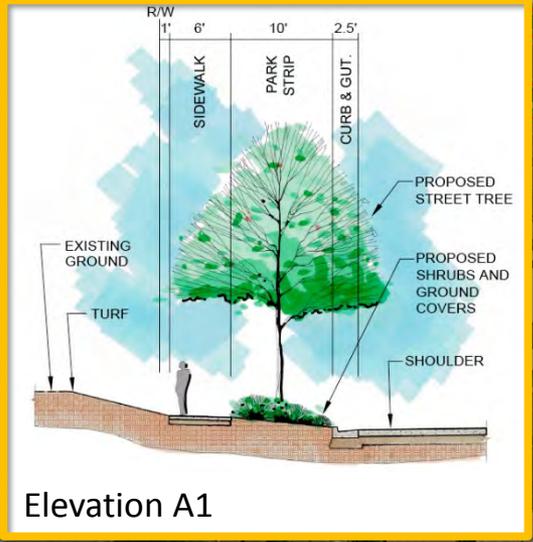


0 EXISTING PARKING STALLS LOST

13 EXISTING PARKING STALLS LOST

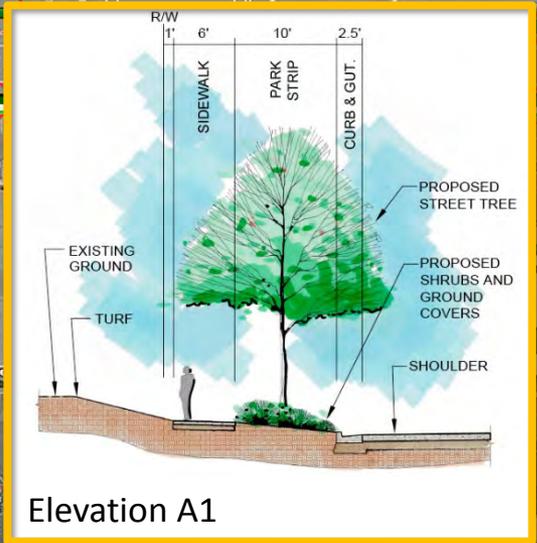
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11 EXISTING PARKING STALLS LOST



KEY

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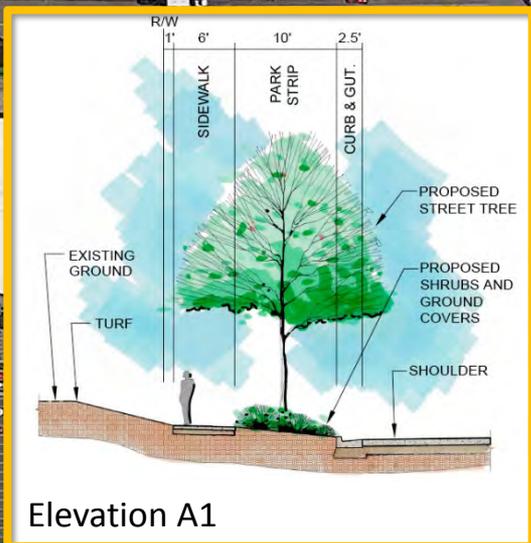
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University Parkway in Orem
 Provo-Orem Transportation Improvement Project

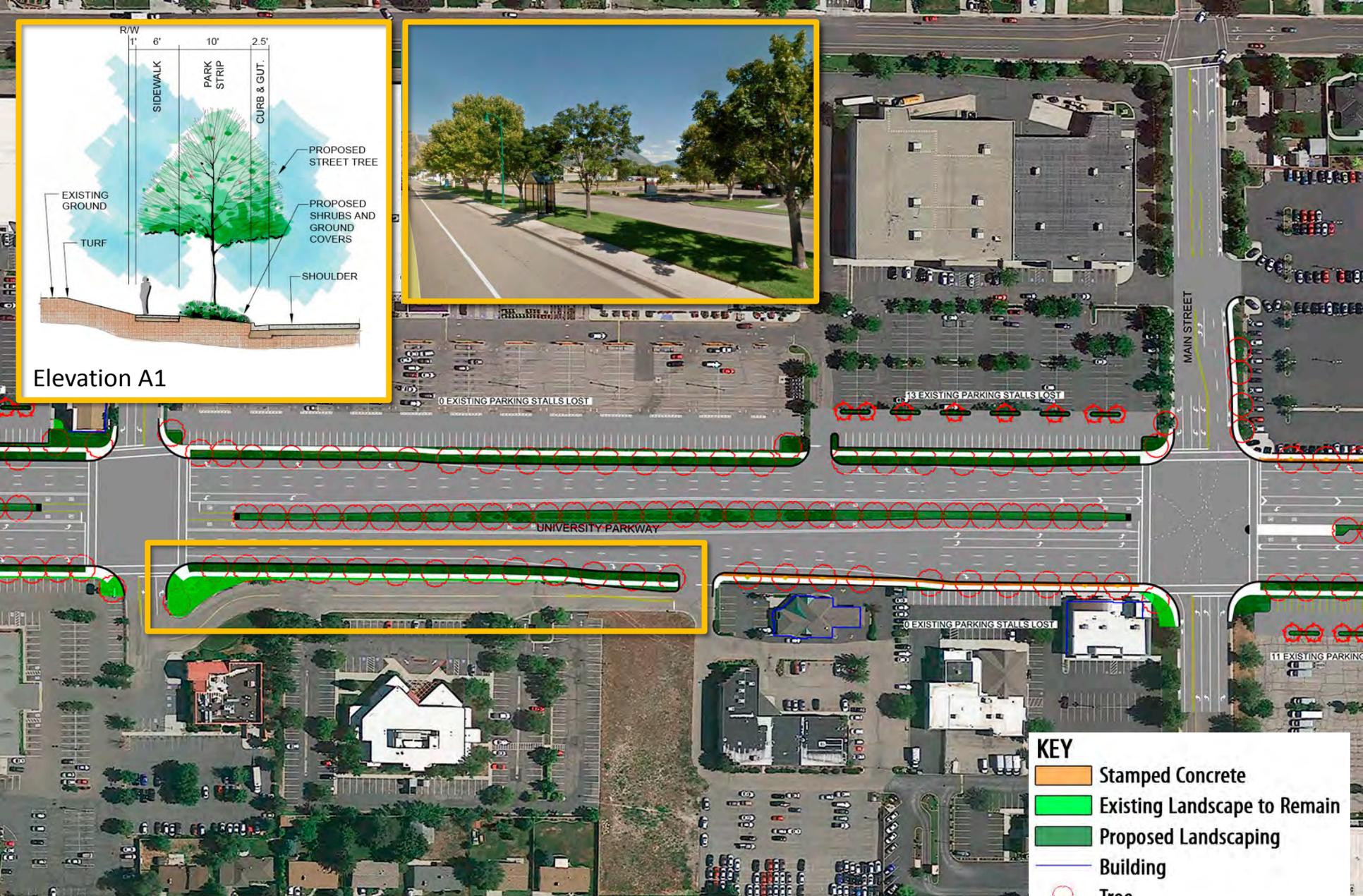
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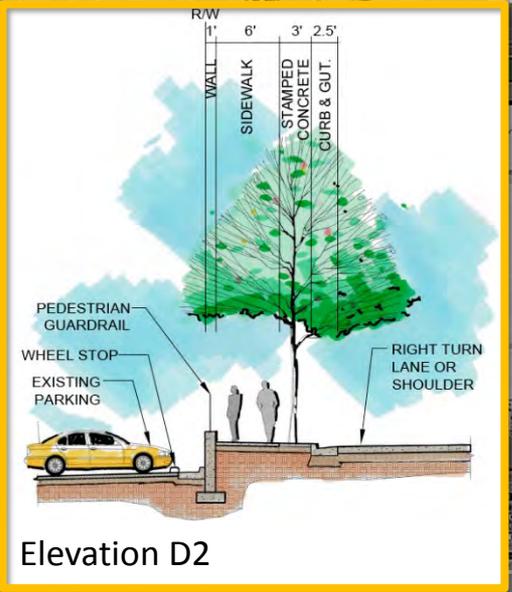
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Elevation A1



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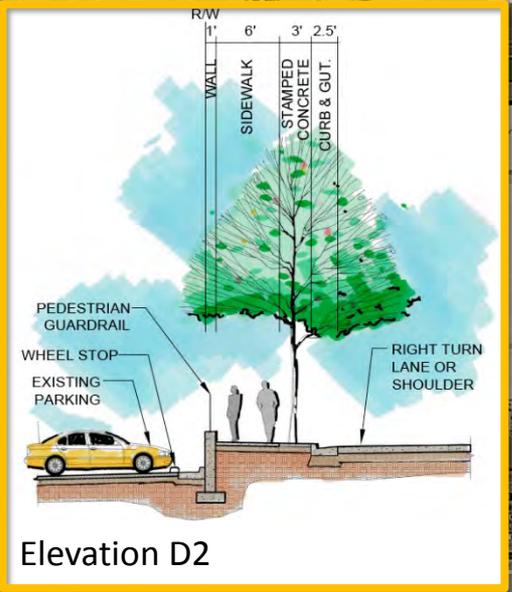


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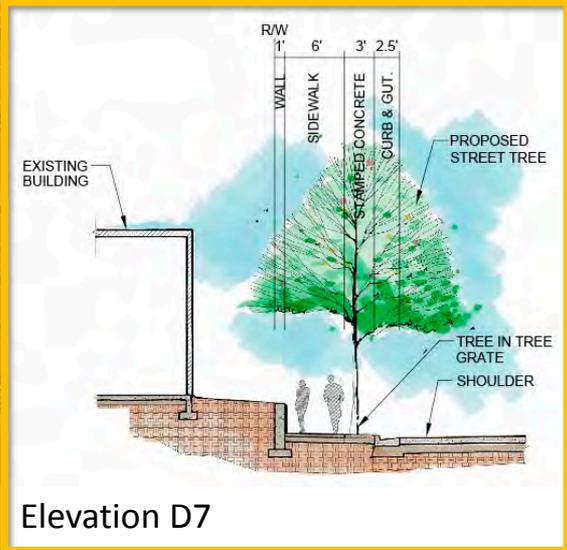
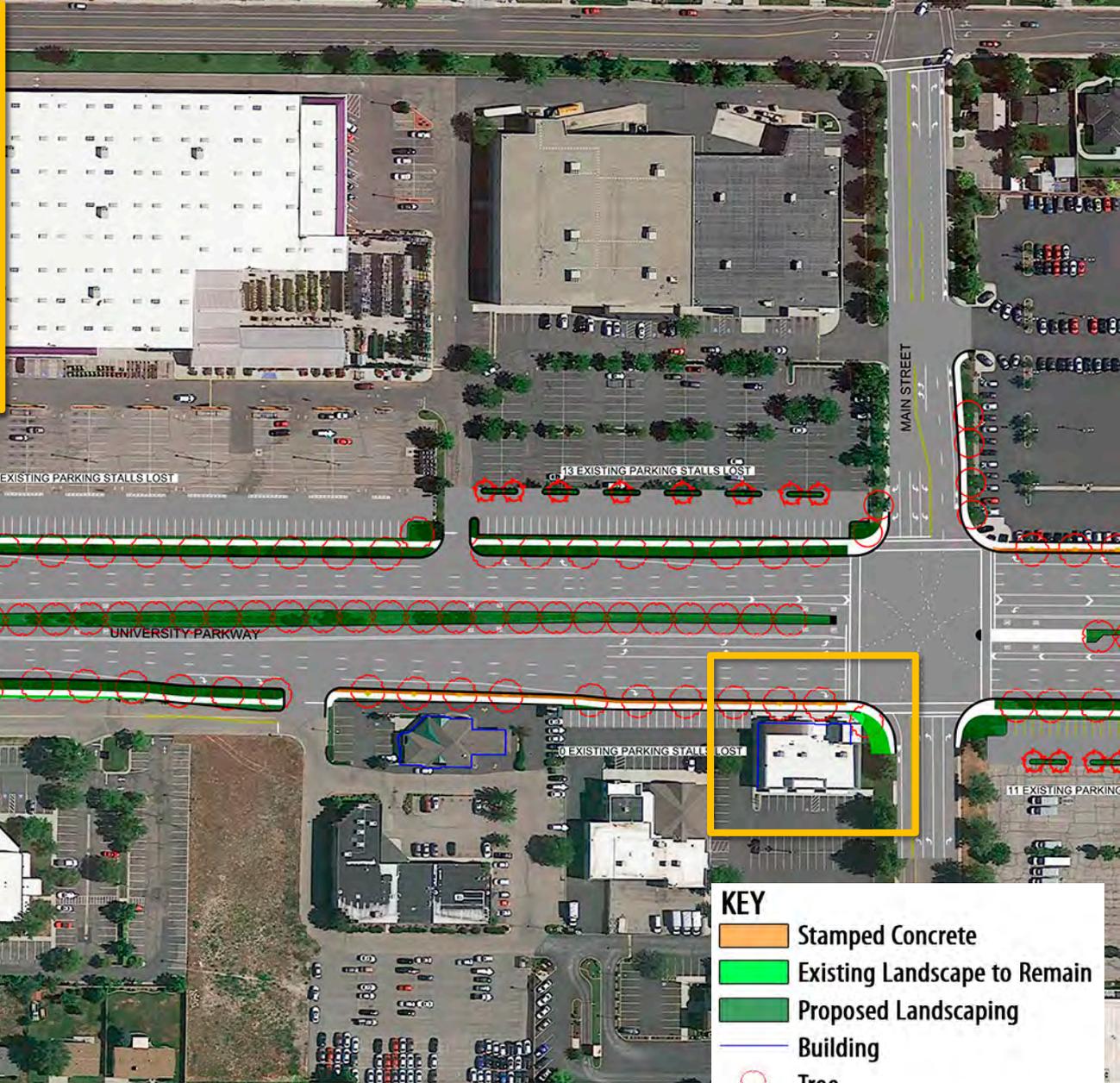
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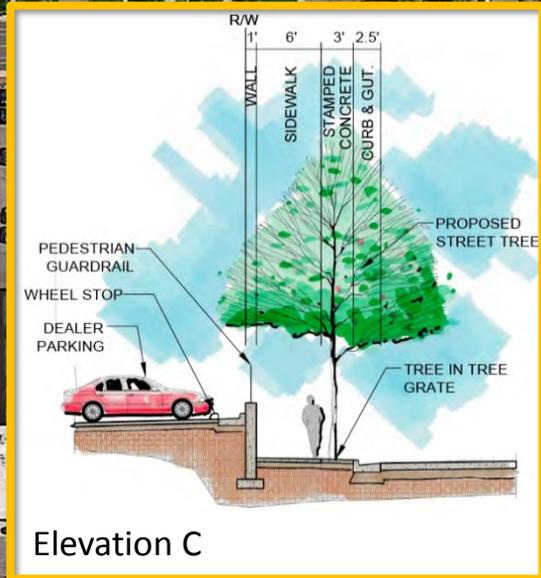


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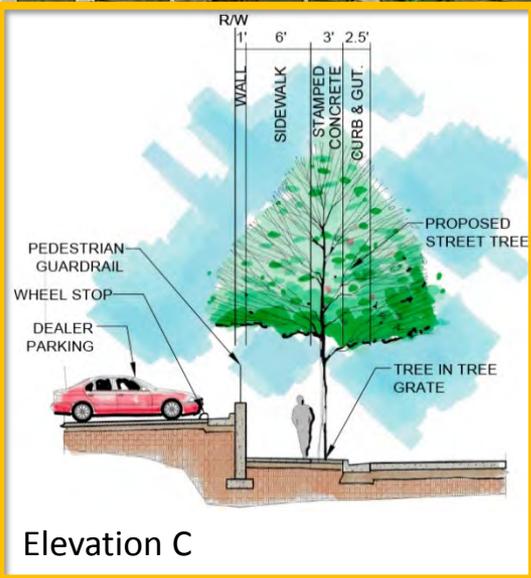
University Parkway in Orem
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Elevation C

KEY

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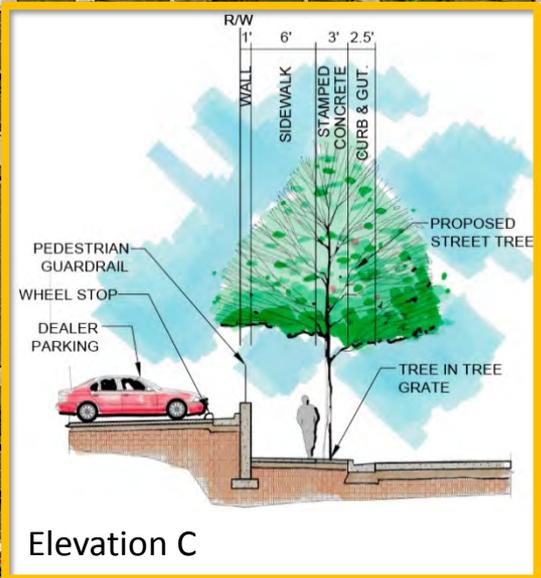


Elevation C



KEY

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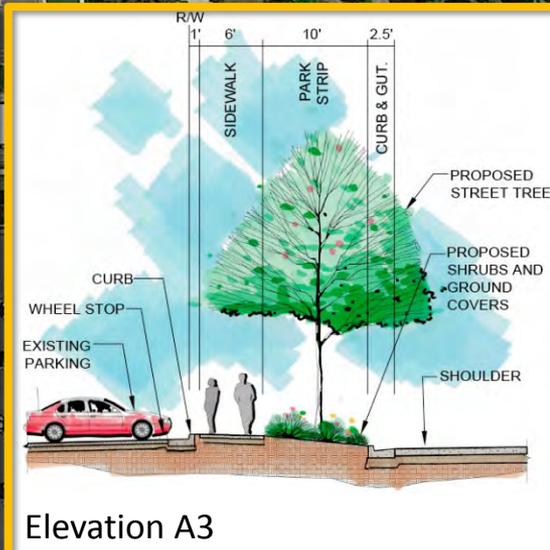
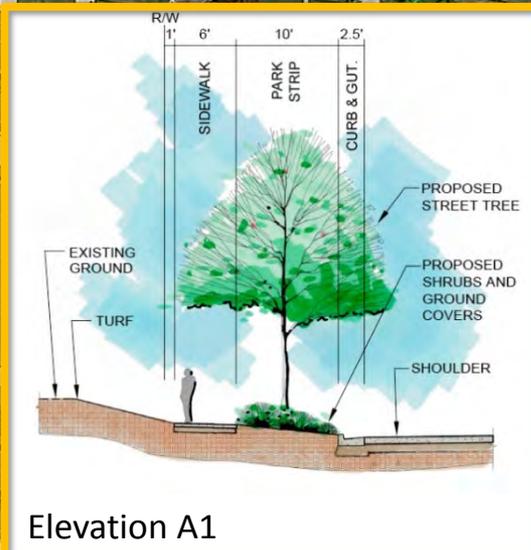


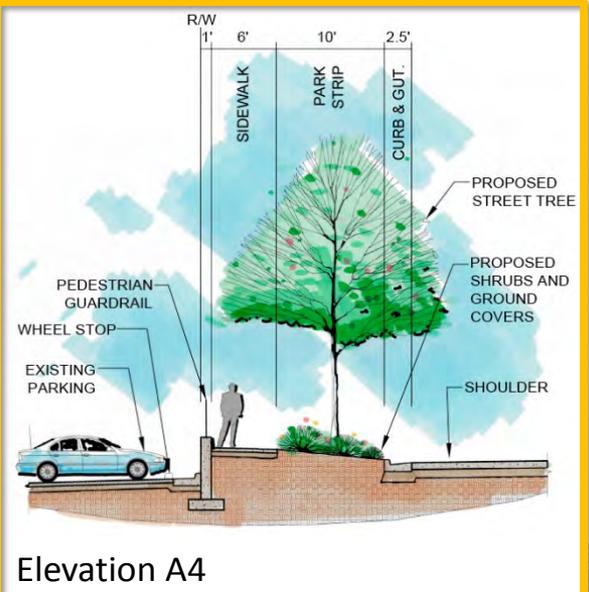
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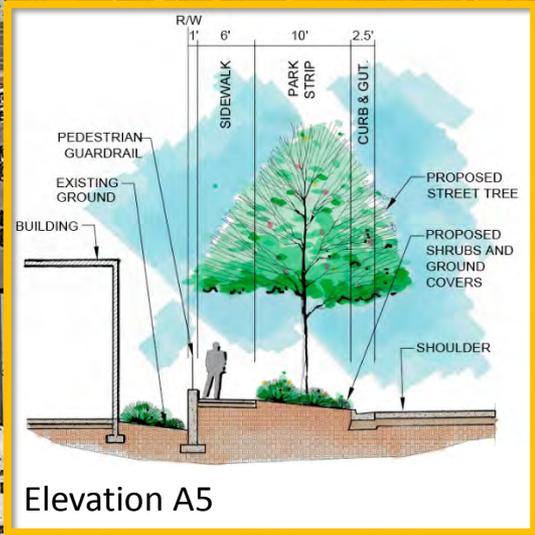
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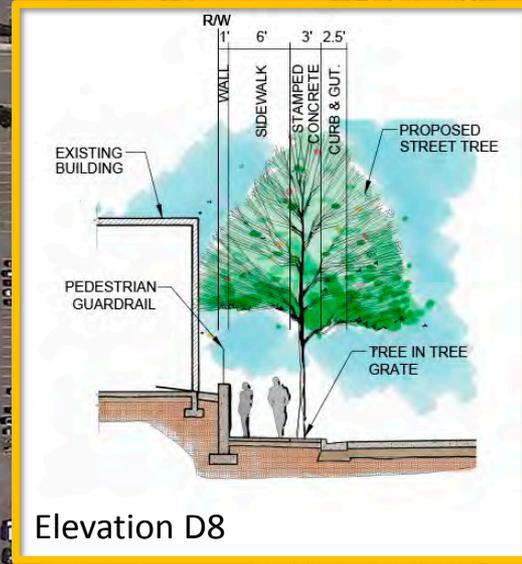
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11 EXISTING PARKING STALLS LOST

7 EXISTING PARKING STALLS LOST

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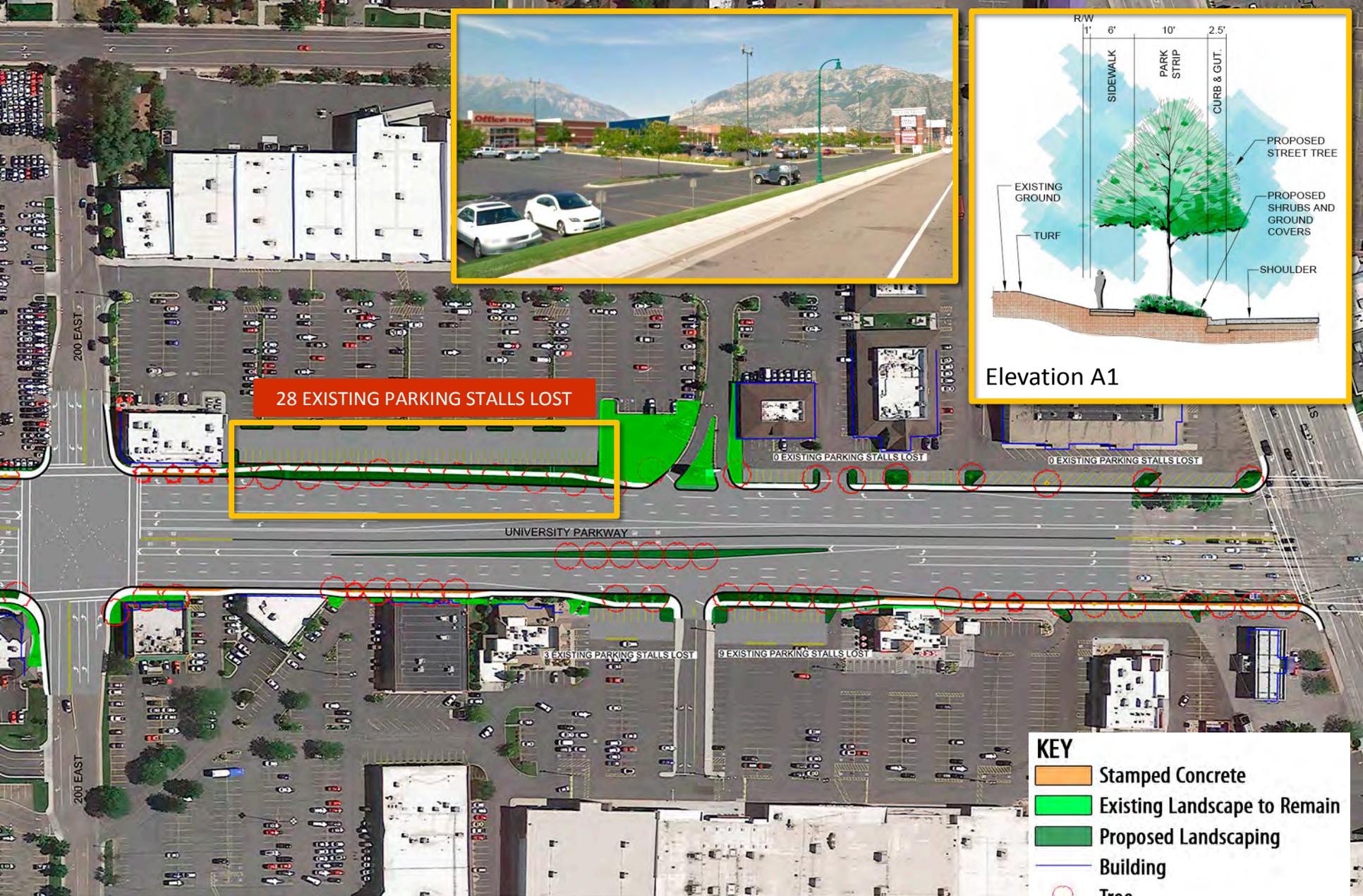
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Elevation D8

KEY

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28 EXISTING PARKING STALLS LOST

0 EXISTING PARKING STALLS LOST

0 EXISTING PARKING STALLS LOST

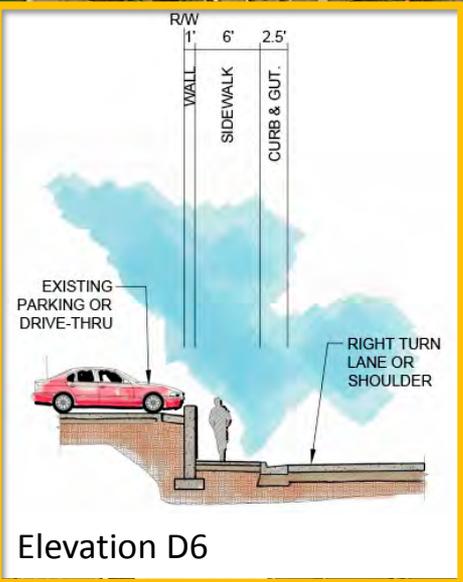
UNIVERSITY PARKWAY

3 EXISTING PARKING STALLS LOST

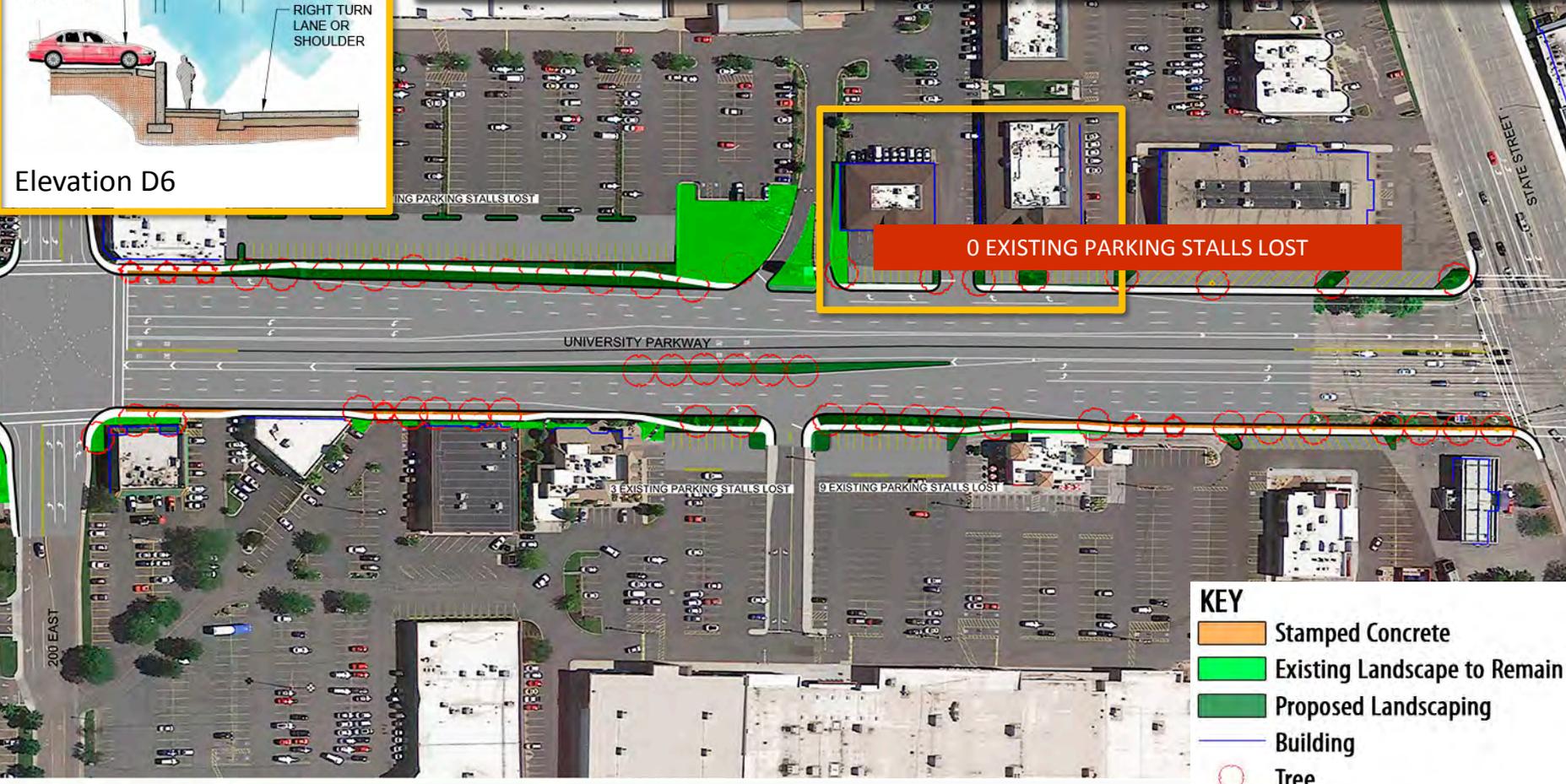
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KEY

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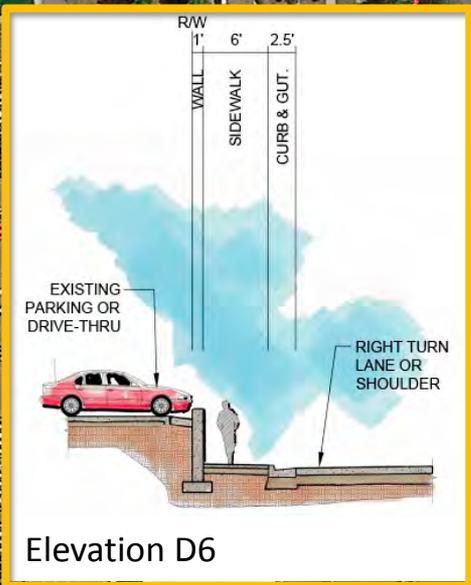
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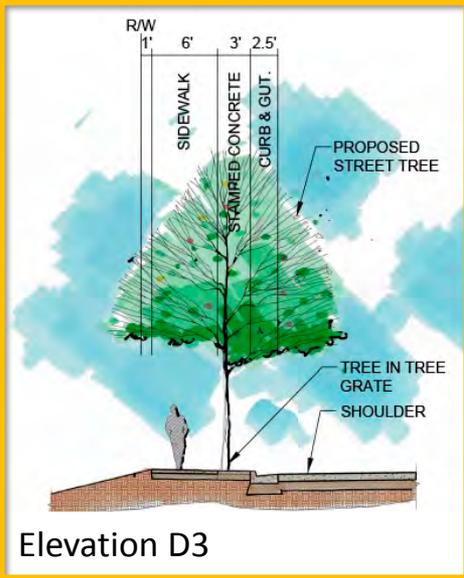
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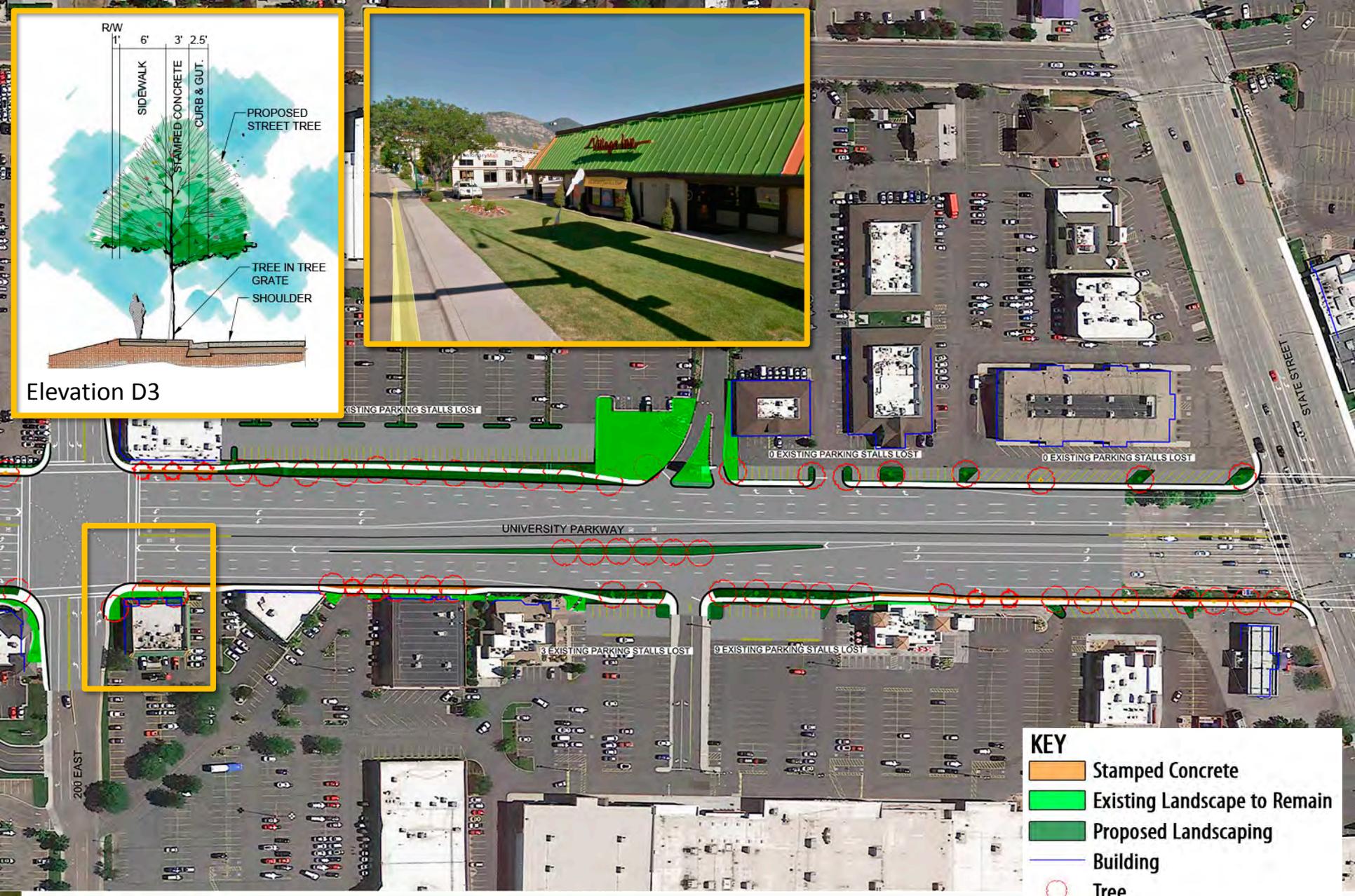


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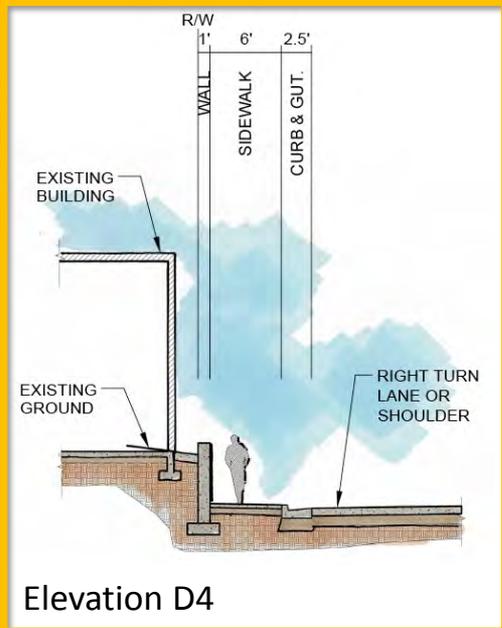


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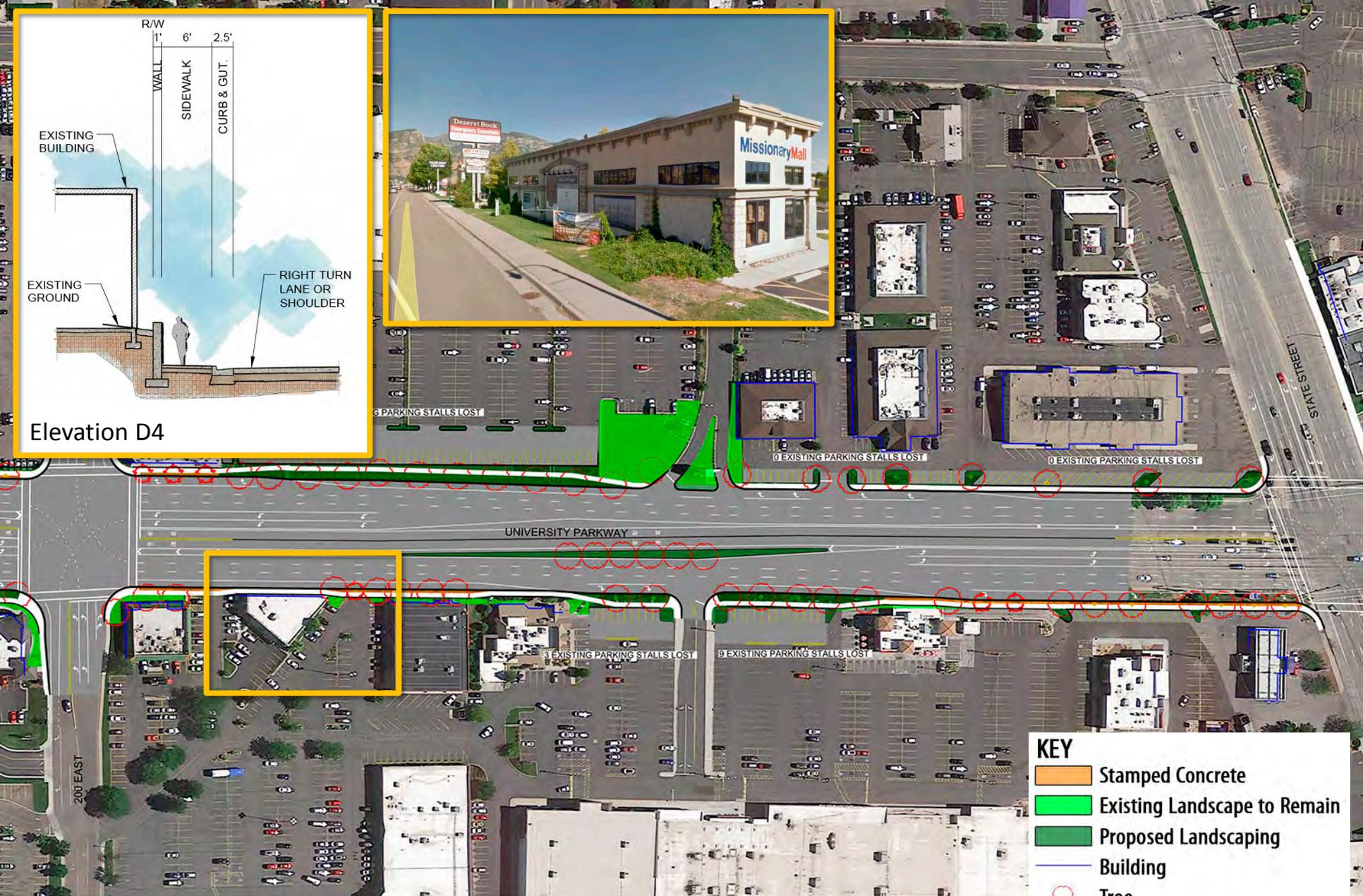


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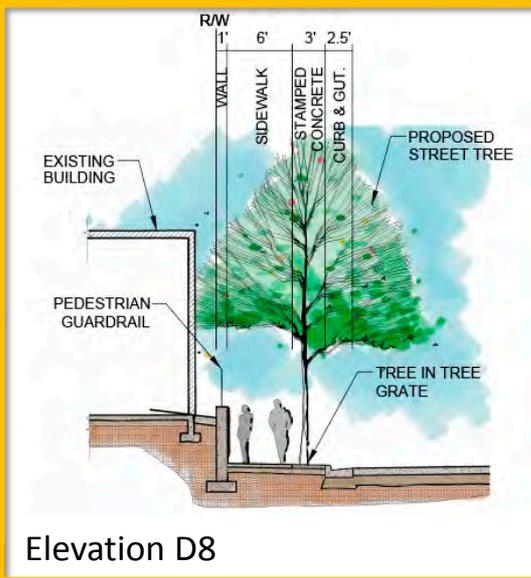


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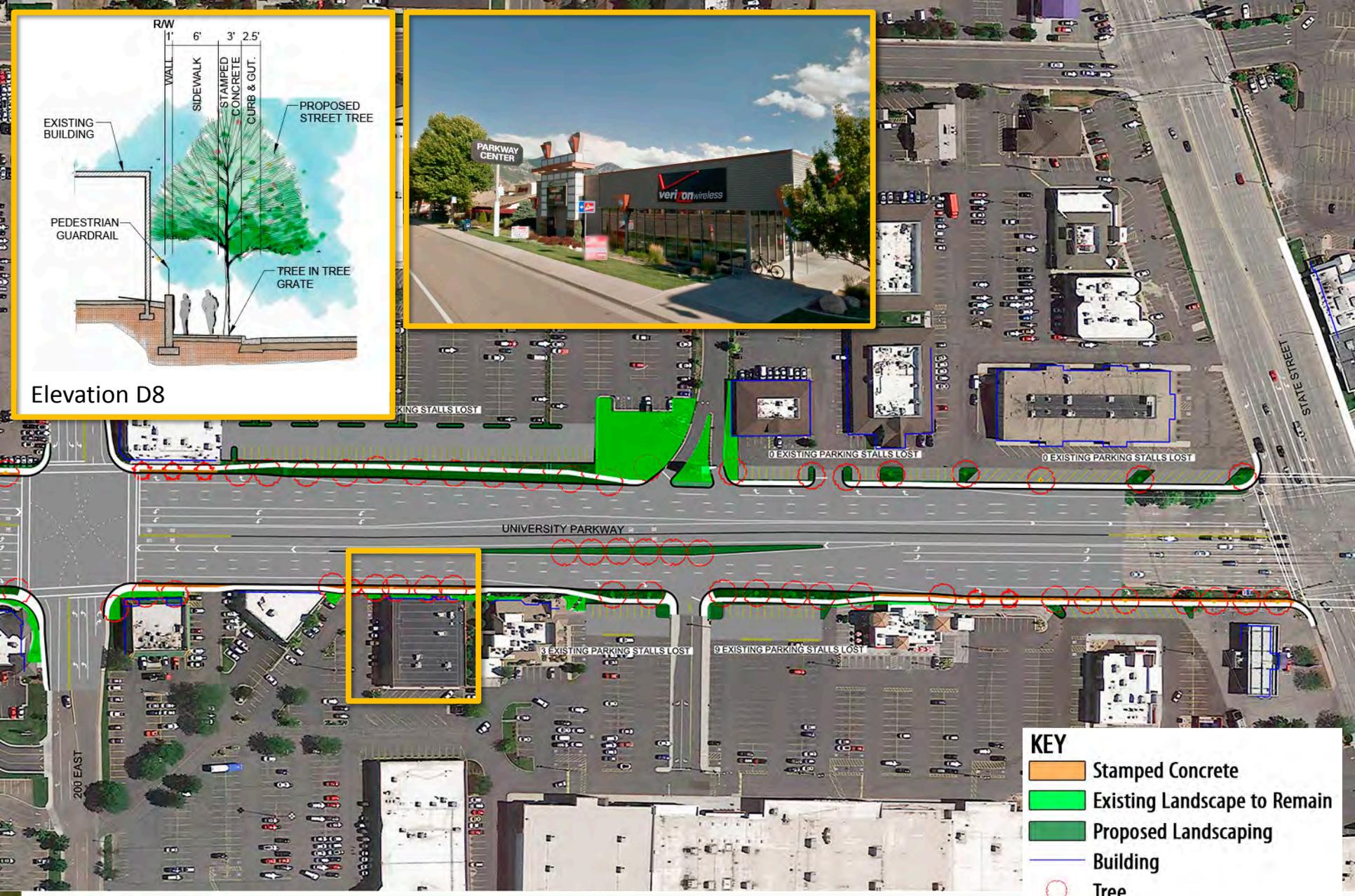


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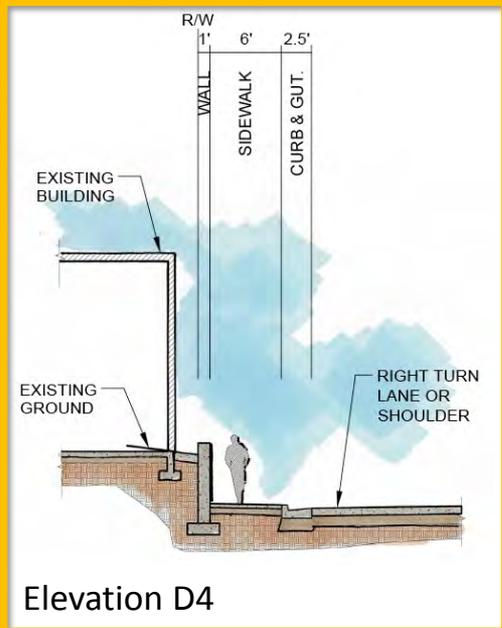
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Elevation D8



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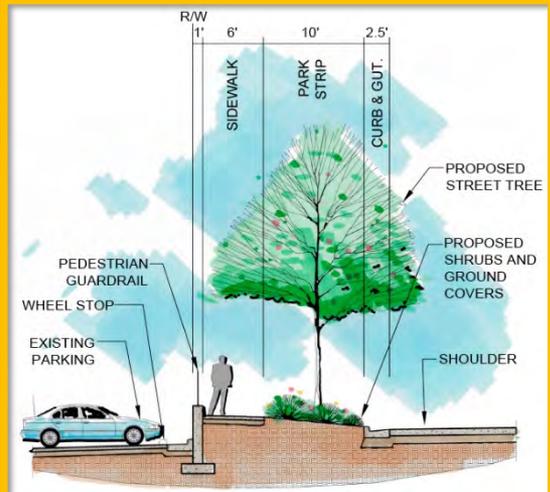


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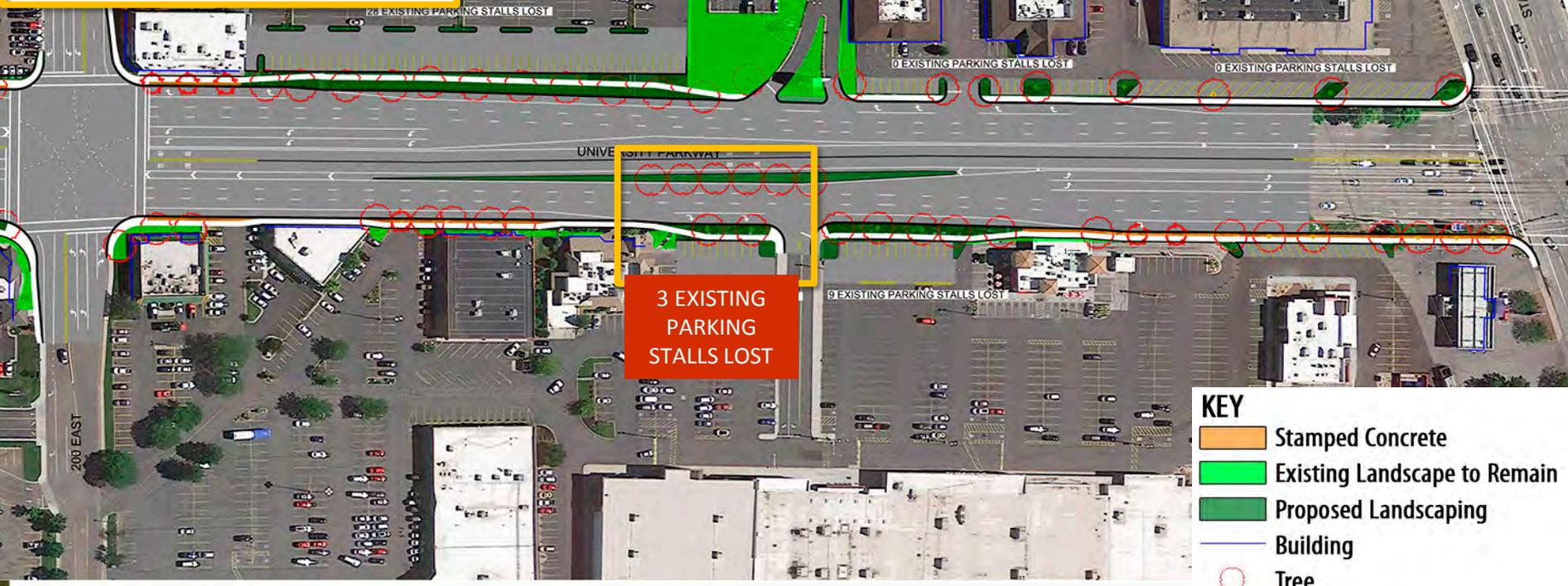


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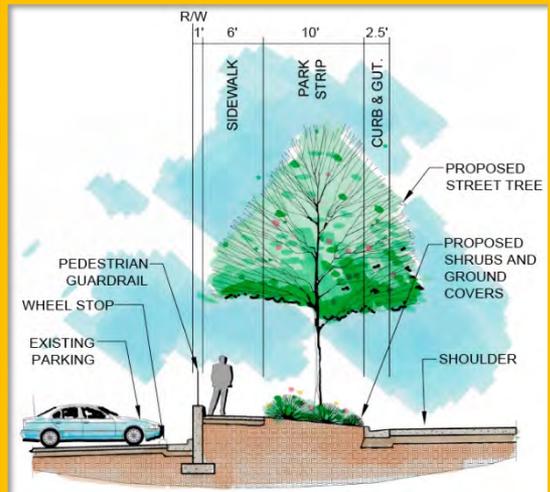


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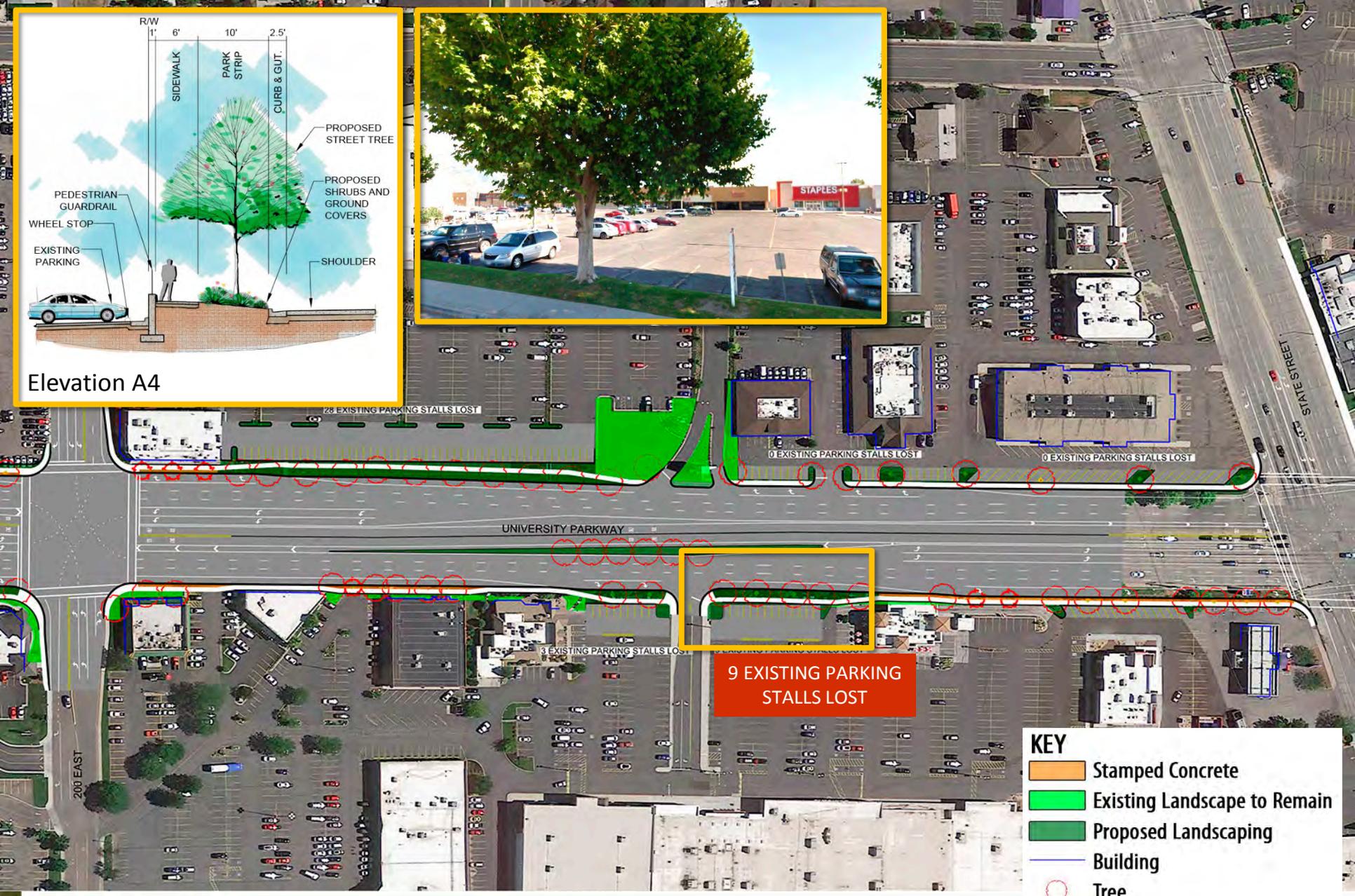


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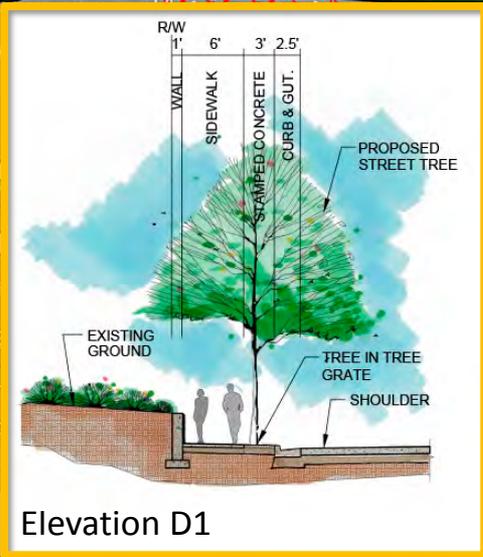
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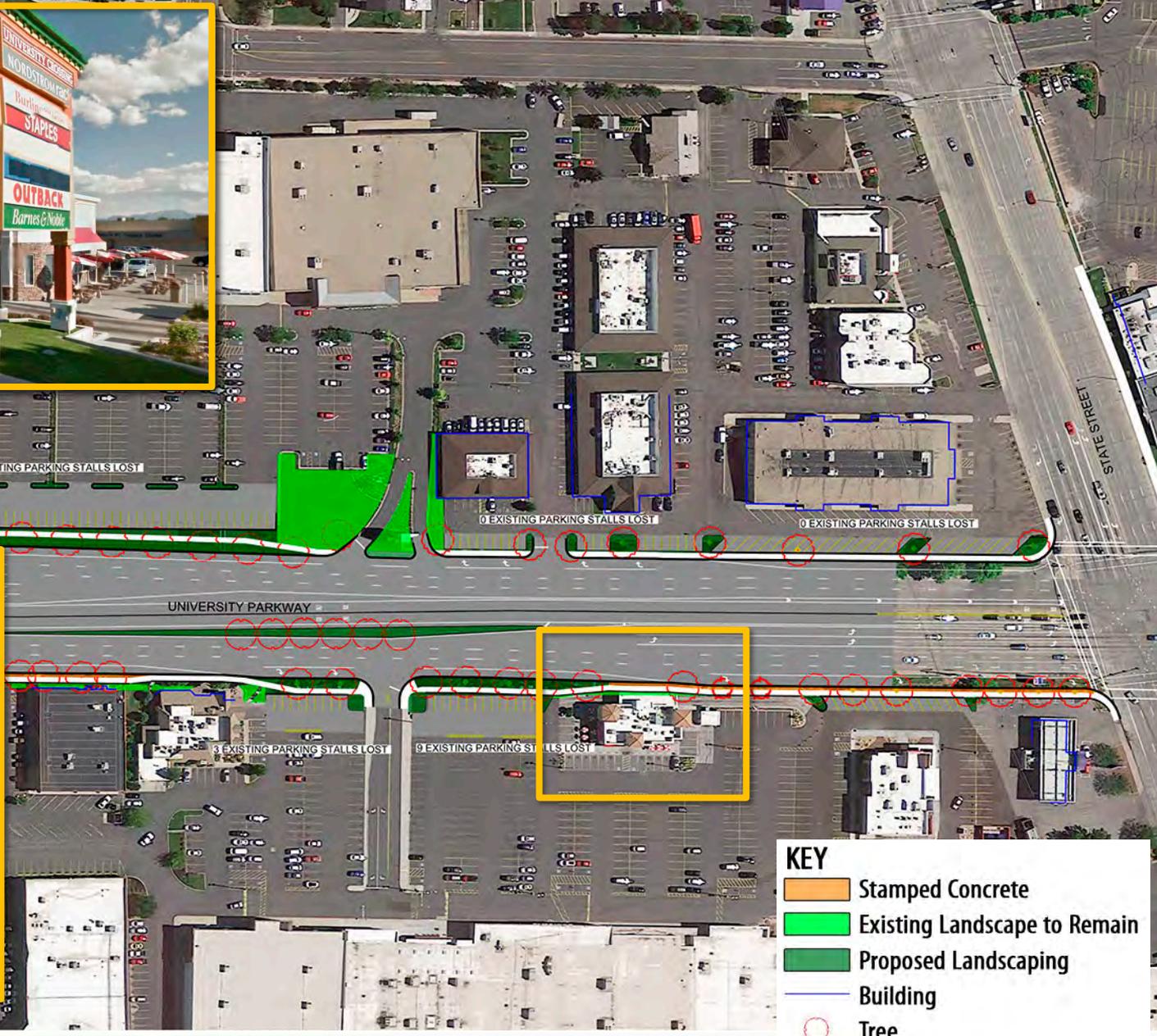
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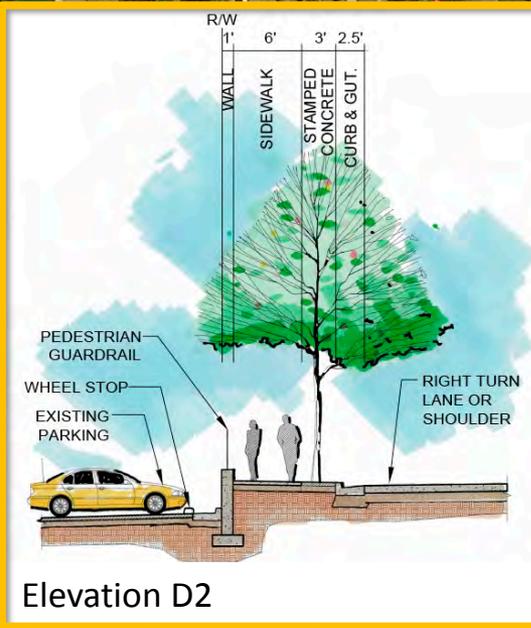


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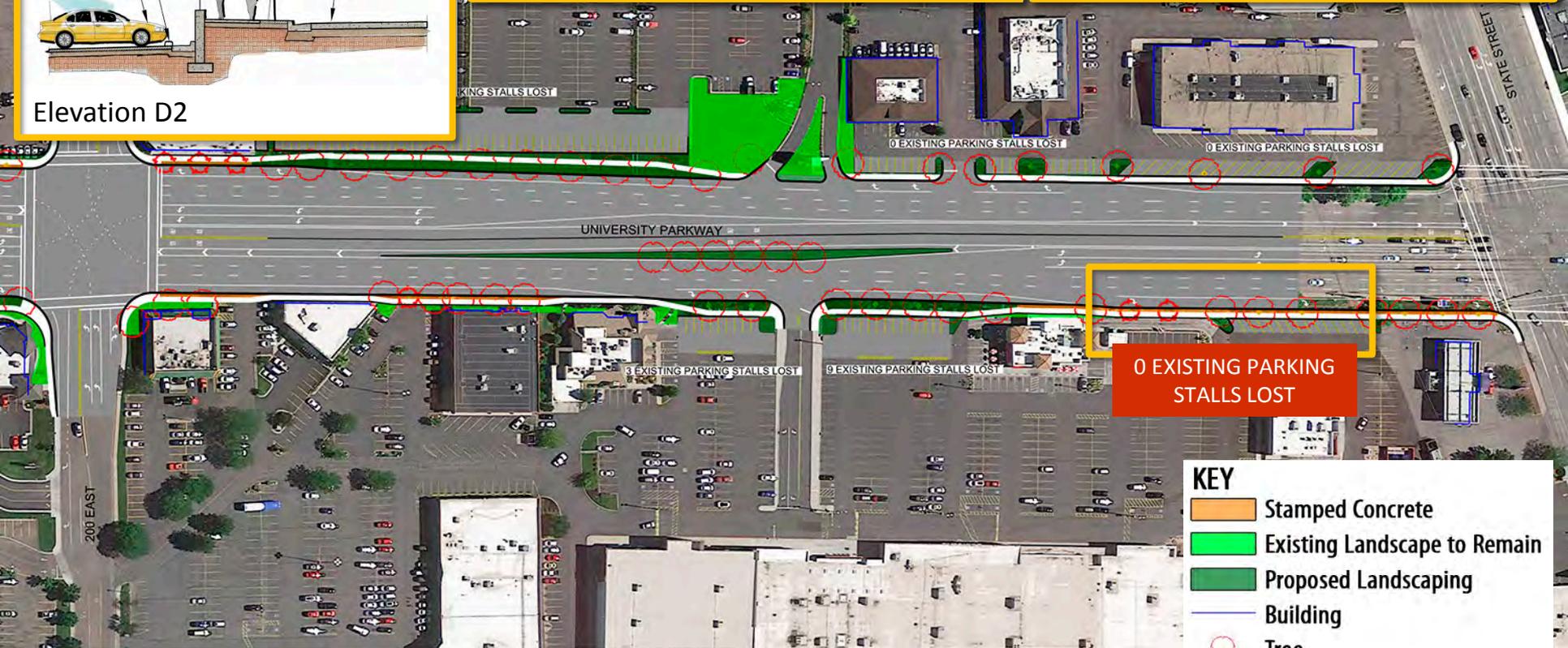


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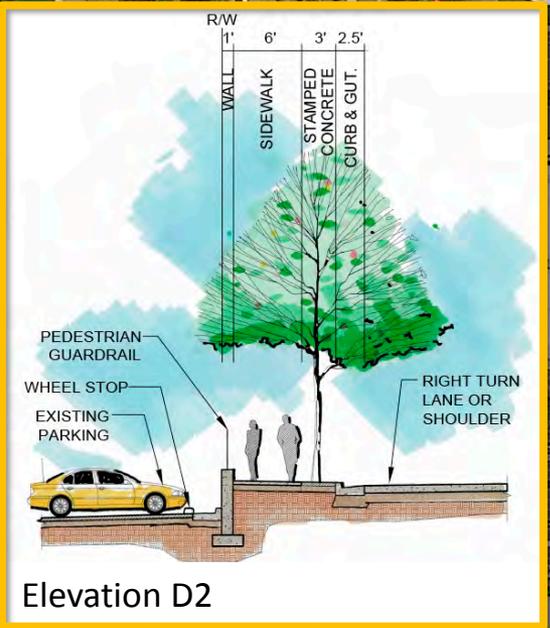
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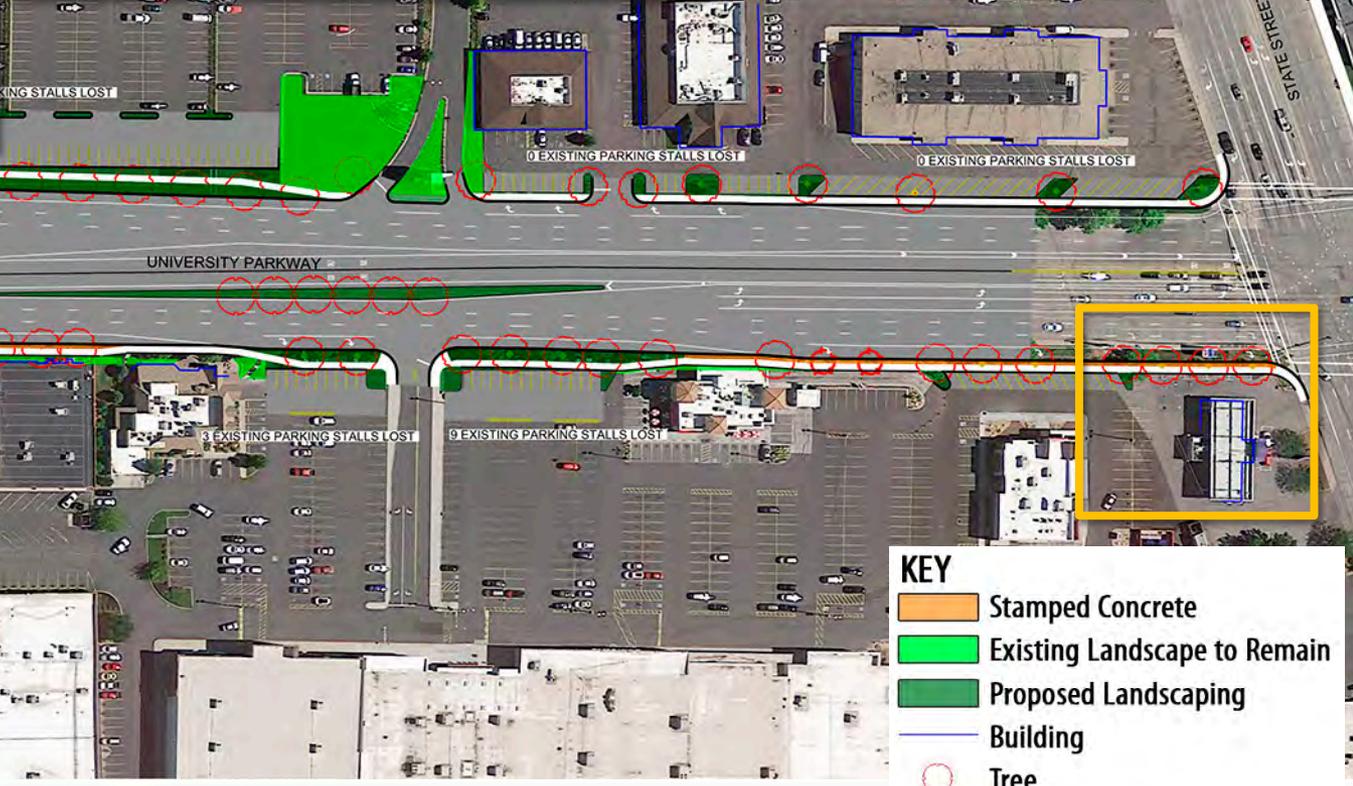
0 EXISTING PARKING STALLS LOST

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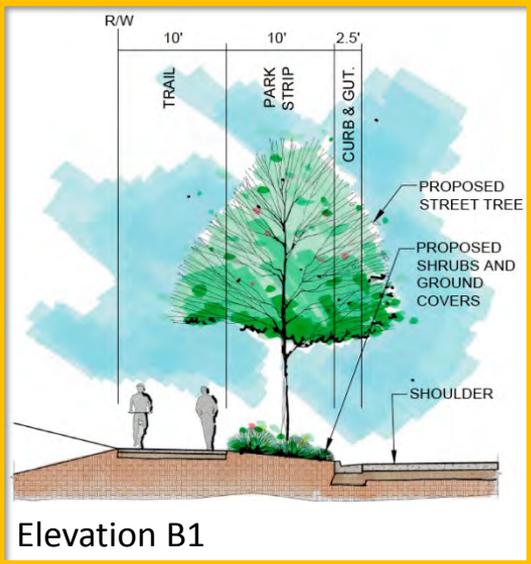


Elevation D2

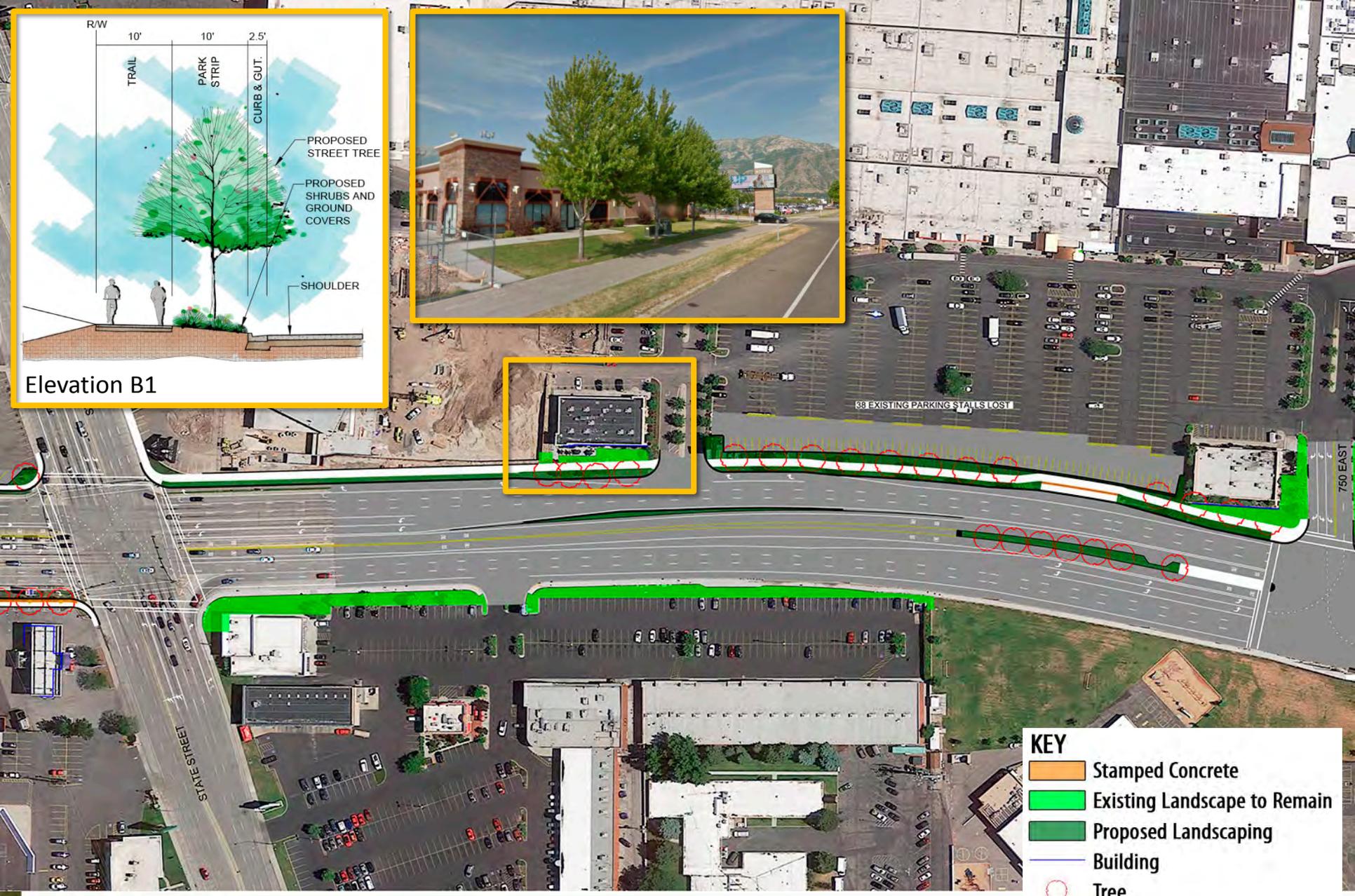


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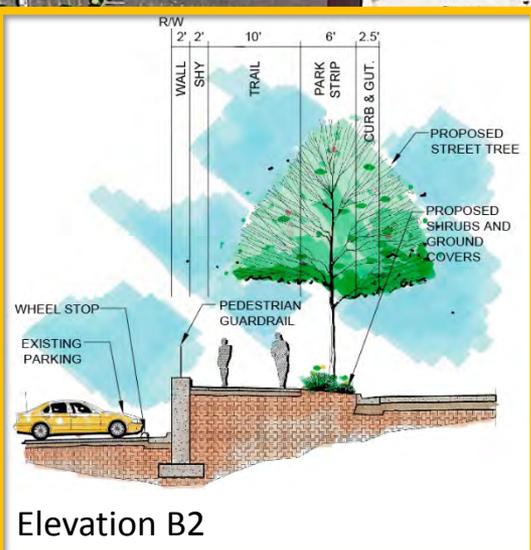


Elevation B1



KEY

- Stamped Concrete
- Existing Landscape to Remain
- Proposed Landscaping
- Building
- Tree
- Parking Impact



Elevation B2

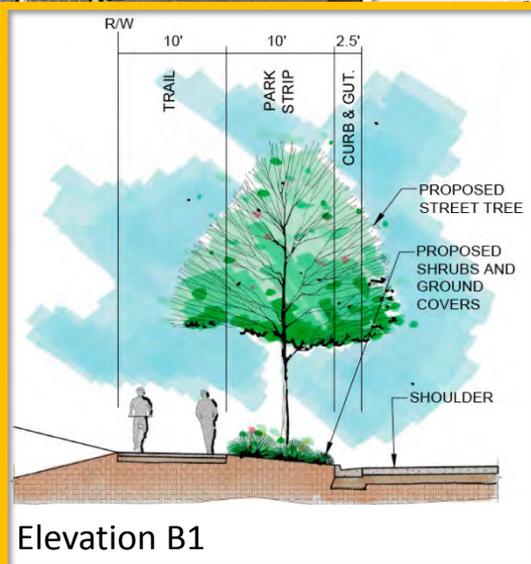


38 EXISTING PARKING STALLS LOST

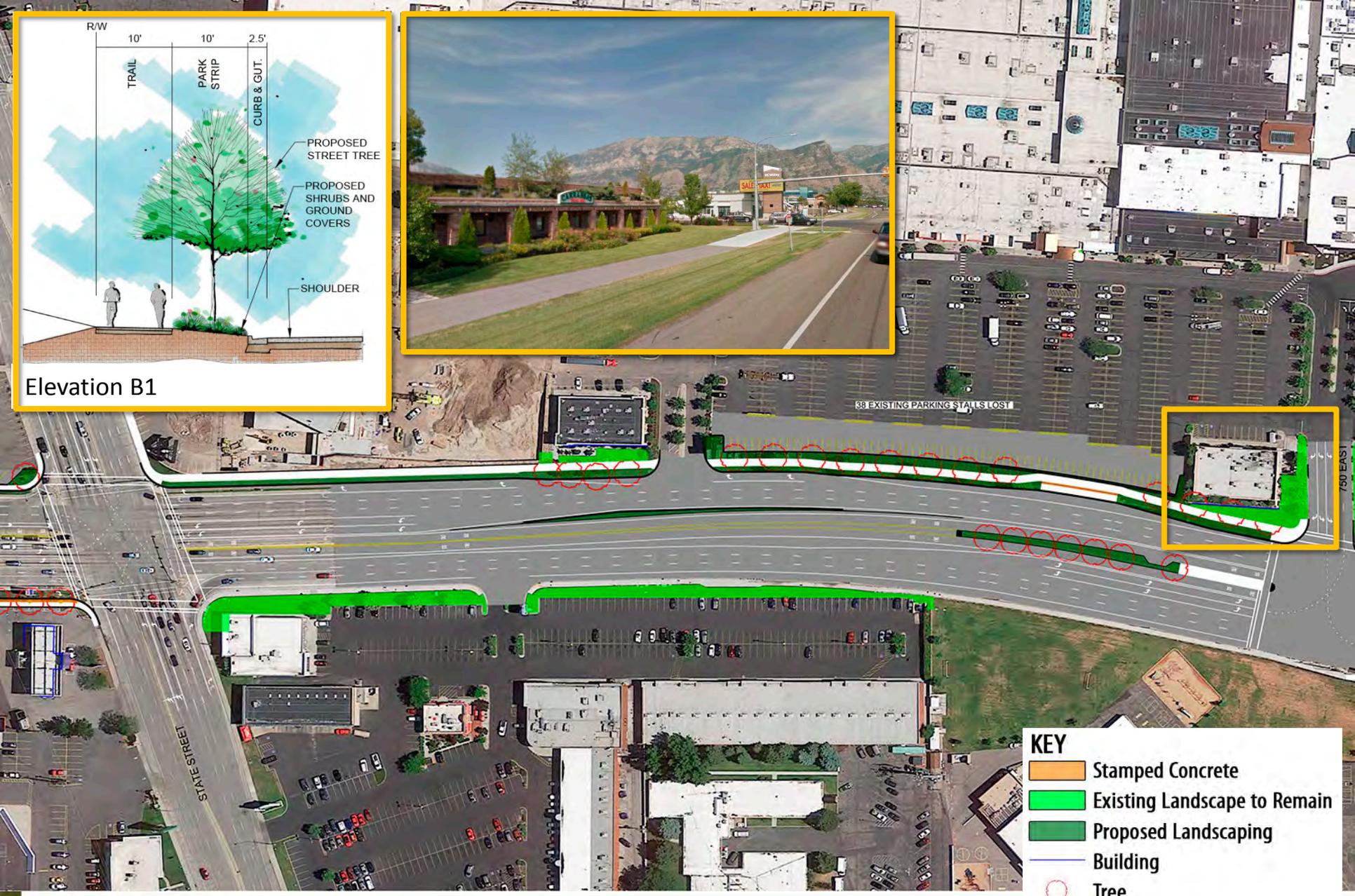


KEY

- Stamped Concrete
- Existing Landscape to Remain
- Proposed Landscaping
- Building
- Tree
- Parking Impact

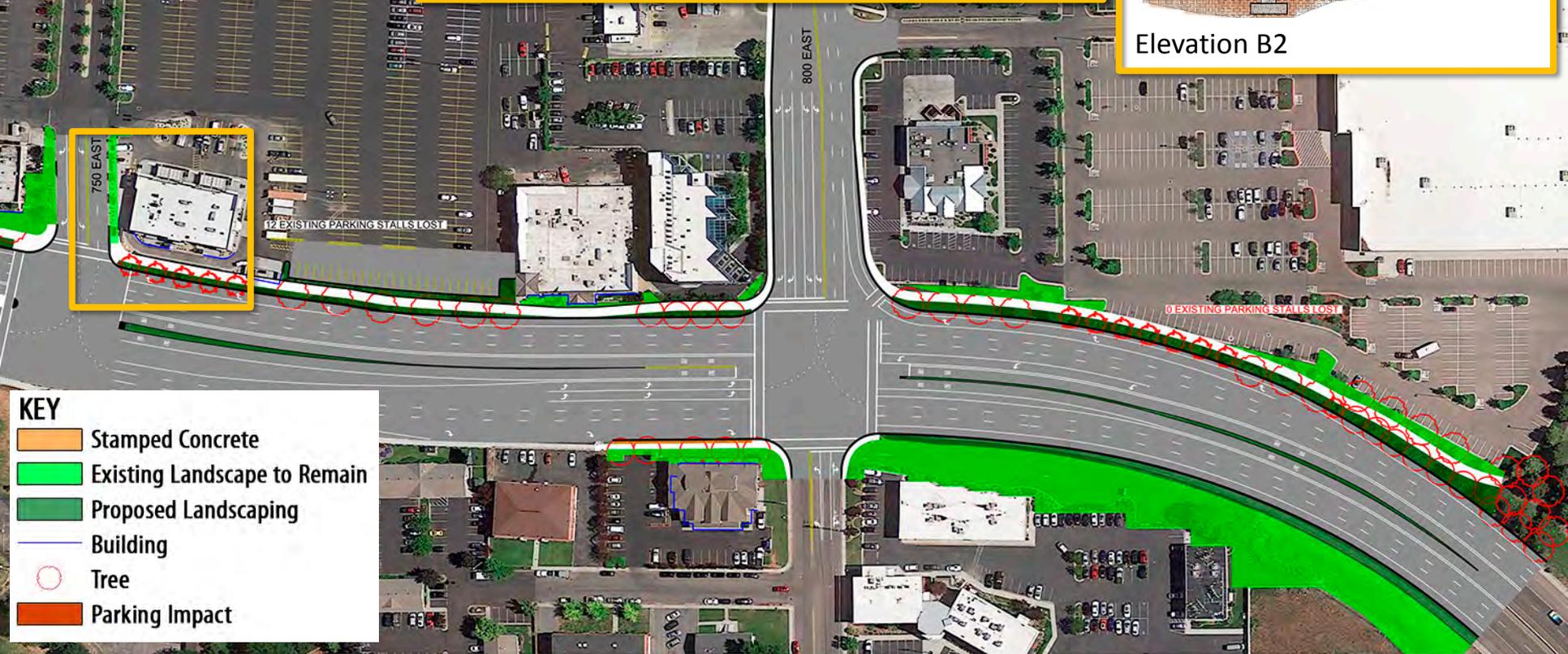
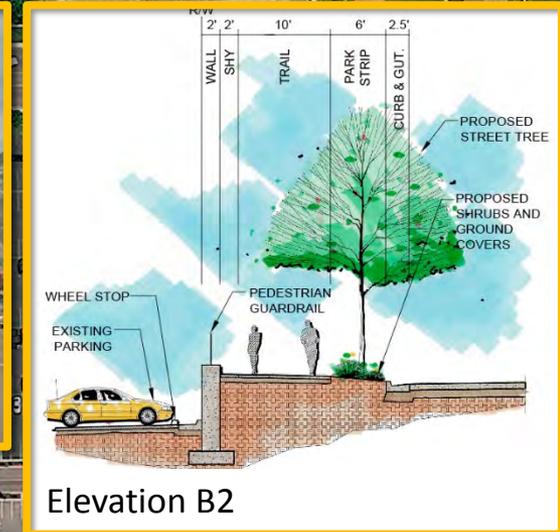
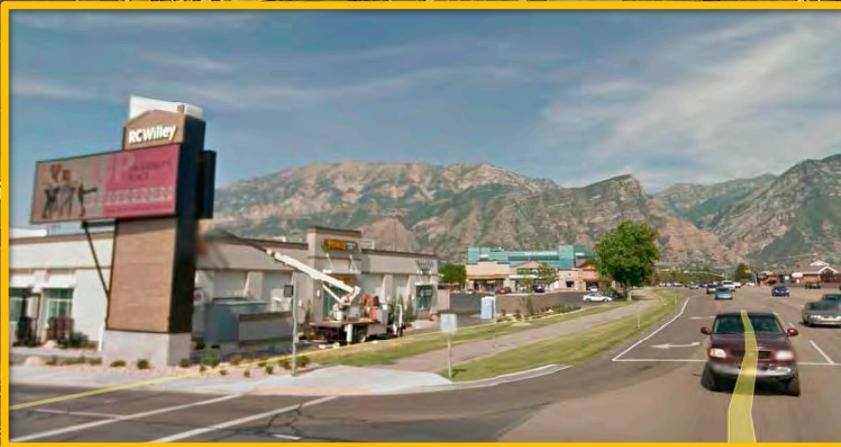


Elevation B1



KEY

- Stamped Concrete
- Existing Landscape to Remain
- Proposed Landscaping
- Building
- Tree
- Parking Impact



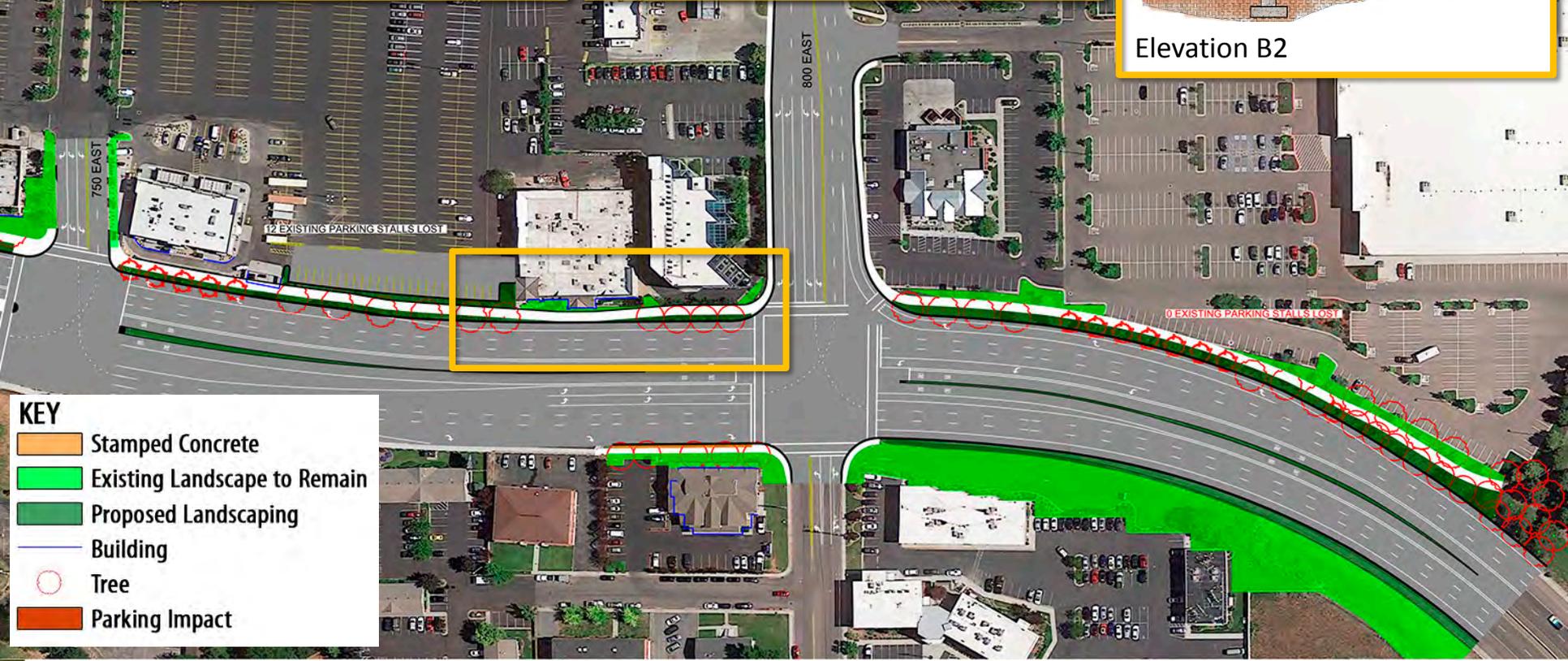
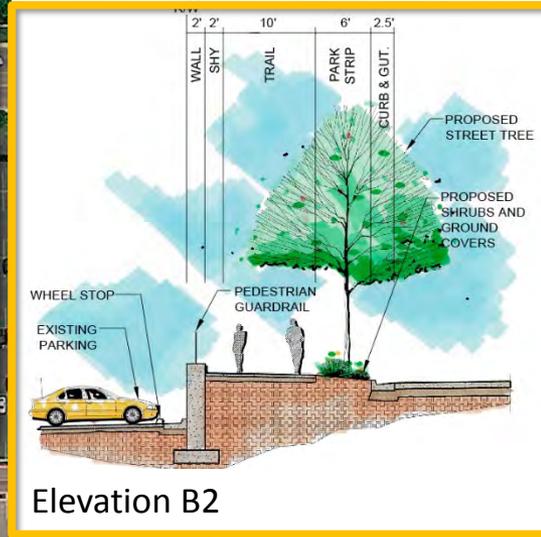
KEY

- Stamped Concrete
- Existing Landscape to Remain
- Proposed Landscaping
- Building
- Tree
- Parking Impact



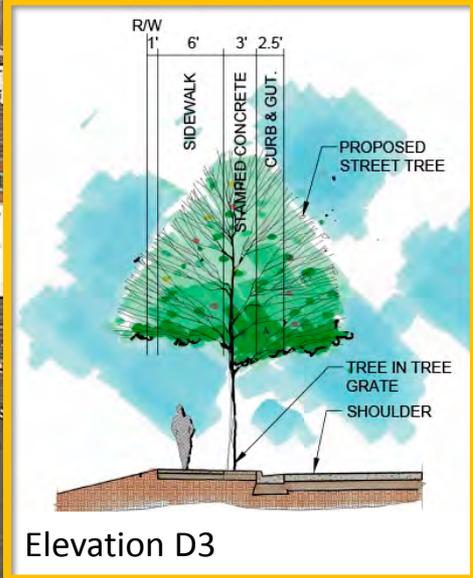
University Parkway in Orem

Provo-Orem Transportation Improvement Project

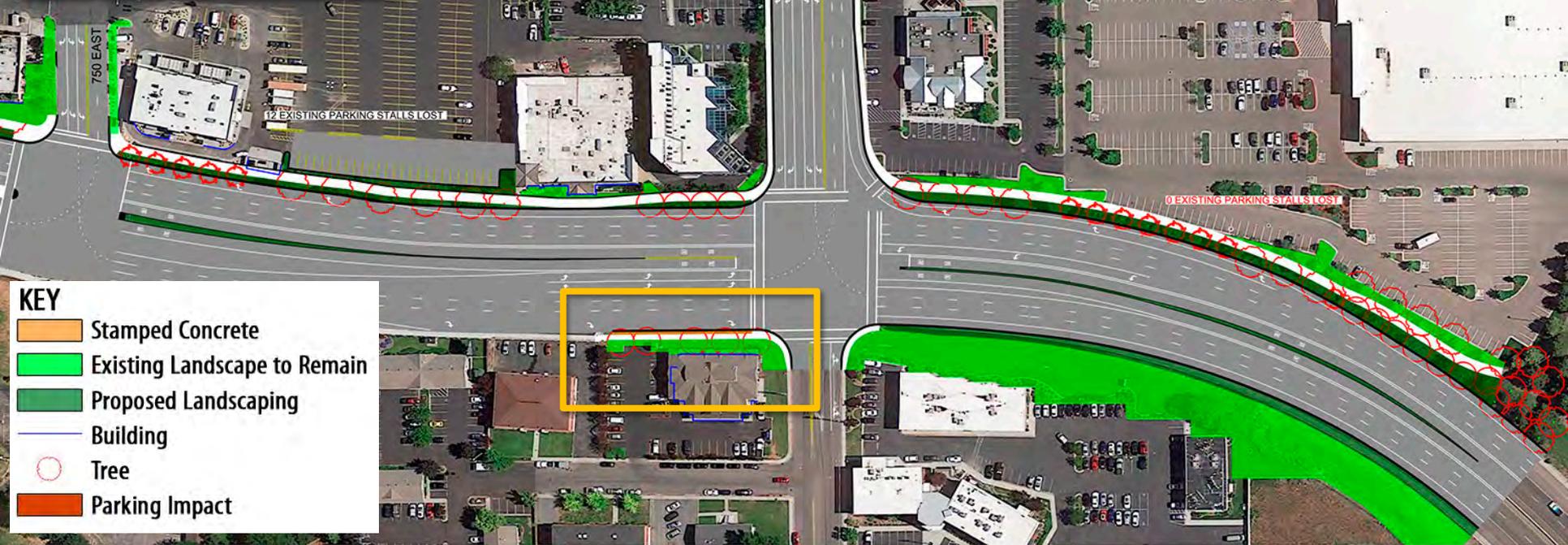


University Parkway in Orem

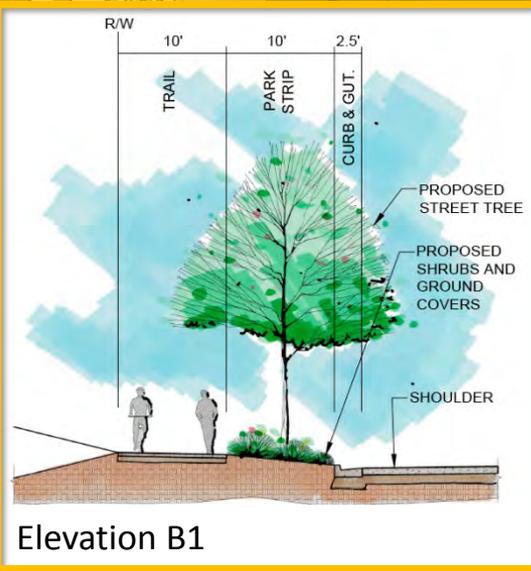
Provo-Orem Transportation Improvement Project



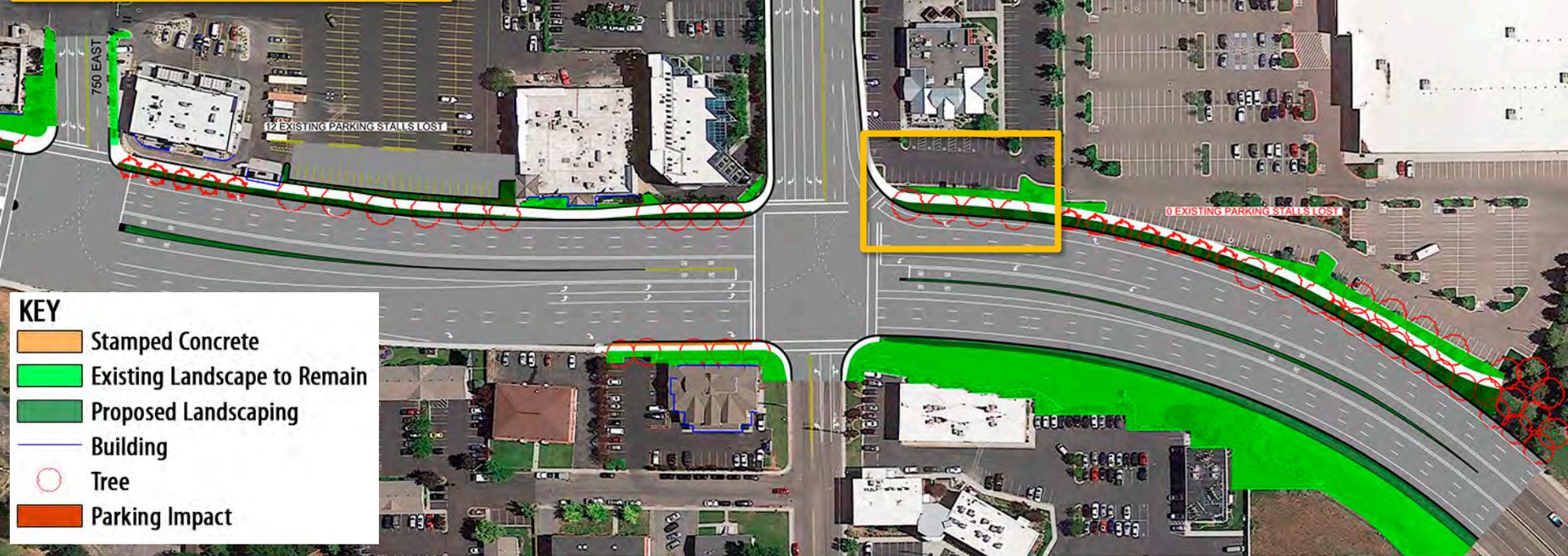
Elevation D3



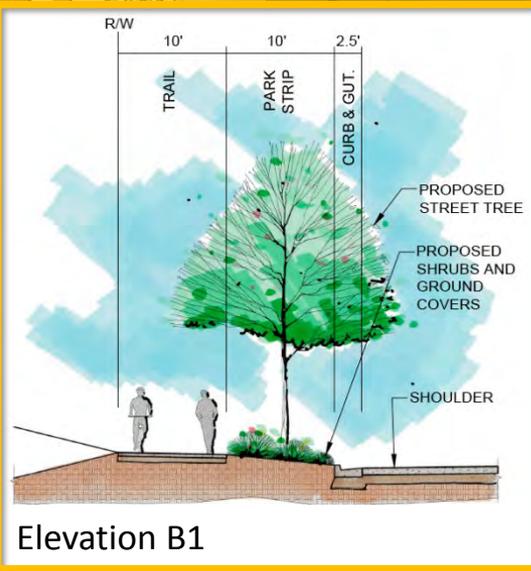
- KEY**
- Stamped Concrete
 - Existing Landscape to Remain
 - Proposed Landscaping
 - Building
 - Tree
 - Parking Impact



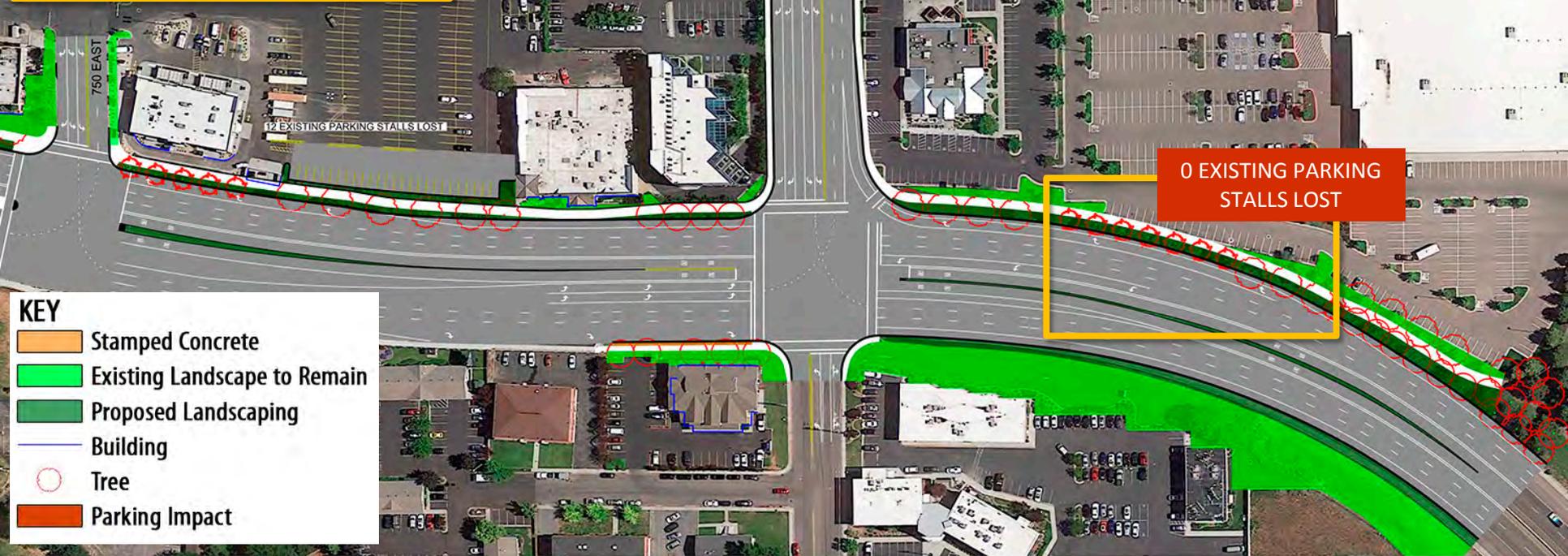
Elevation B1



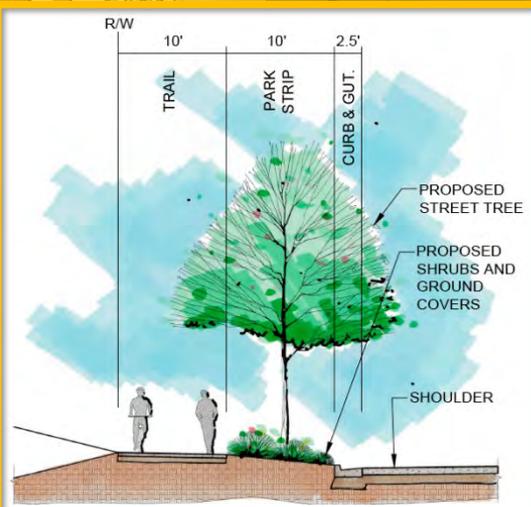
- KEY**
- Stamped Concrete
 - Existing Landscape to Remain
 - Proposed Landscaping
 - Building
 - Tree
 - Parking Impact



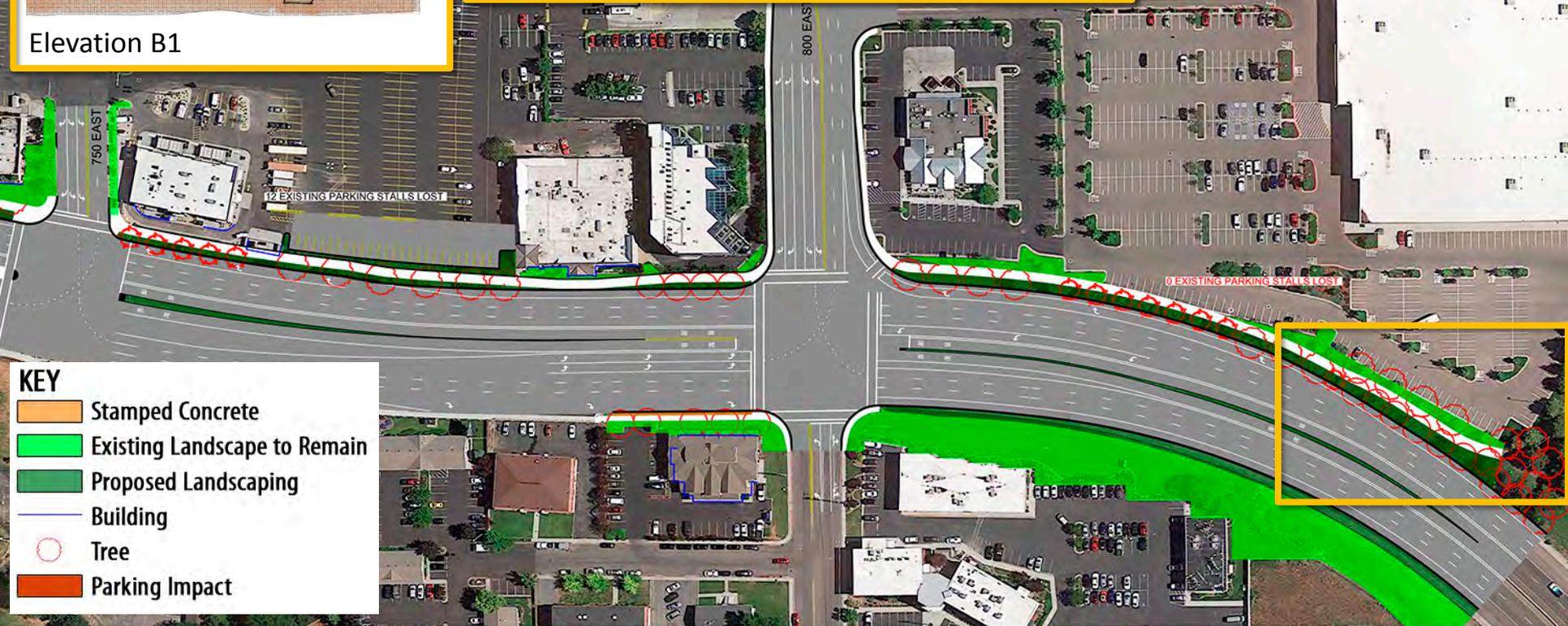
Elevation B1



- KEY**
- Stamped Concrete
 - Existing Landscape to Remain
 - Proposed Landscaping
 - Building
 - Tree
 - Parking Impact



Elevation B1



KEY

- Stamped Concrete
- Existing Landscape to Remain
- Proposed Landscaping
- Building
- Tree
- Parking Impact