



PROJECT DESCRIPTION

This project consists of a relocation of the existing outdoor basketball court currently along Thunderbird Blvd. This relocation is needed to provide a site for an integral component of the Applied Sciences Transportation Testbed research project, the Hydrogen Generation and Refueling Station.

The site has a unique position on campus that allows researchers to study the critical links between energy, transportation and urban design by co-locating advanced EV chargers, a hydrogen station and (future) solar panels array. This location also enables future research goals given to the proximity to the Campus Energy Centre and Substation.

We understand how important the outdoor basketball court is to the campus, providing a recreational facility to the UBC community (residents, students, staff and faculty) and the general public. The proposed court is designed to be a "like for like" replacement with similar size and both a full and half court options for play. Although the existing parking lot lighting would allow night time play, acceptable "Hours of Play" will need to be defined given the closer proximity of residents nearby.

DESIGN RATIONALE

Walkways / Pedestrian Paths

Informal pedestrian access via Thunderbird Blvd will be preserved and enhanced with an accessible, widened connection to the pass through / "waiting area".

Site Furnishings

Two benches, a 2-stream recycling/trash receptacle, and and a bike rack are proposed for the area.

Protection of Existing Trees

There are several mature deciduous trees adjacent to the proposed basketball court. The project will be following protection recommendations to preserve the health of the trees. The fence along the tree line will be reduced in height to minimize disturbance to the tree canopy.

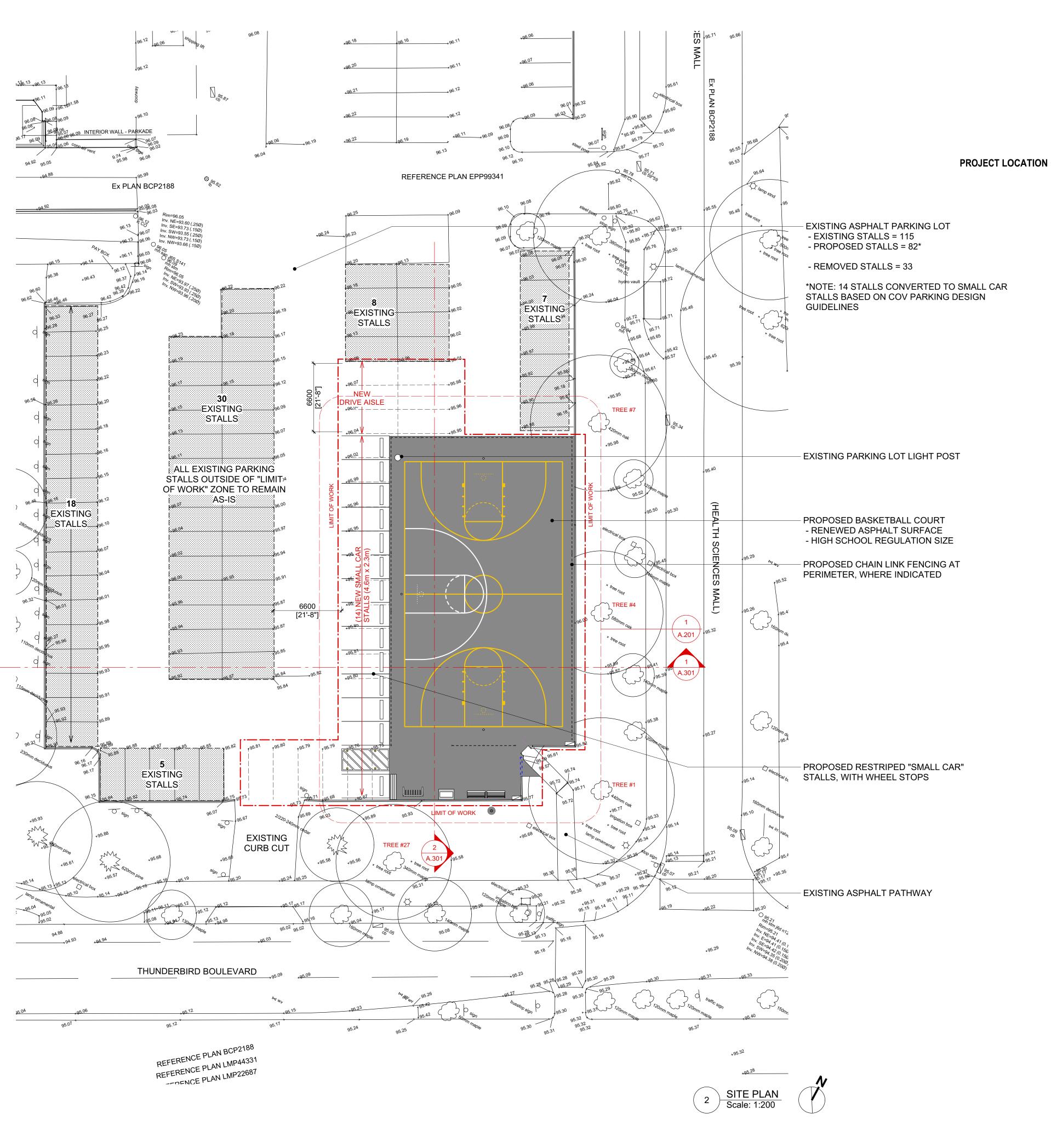
Protection of pedestrians, cyclists and vehicles

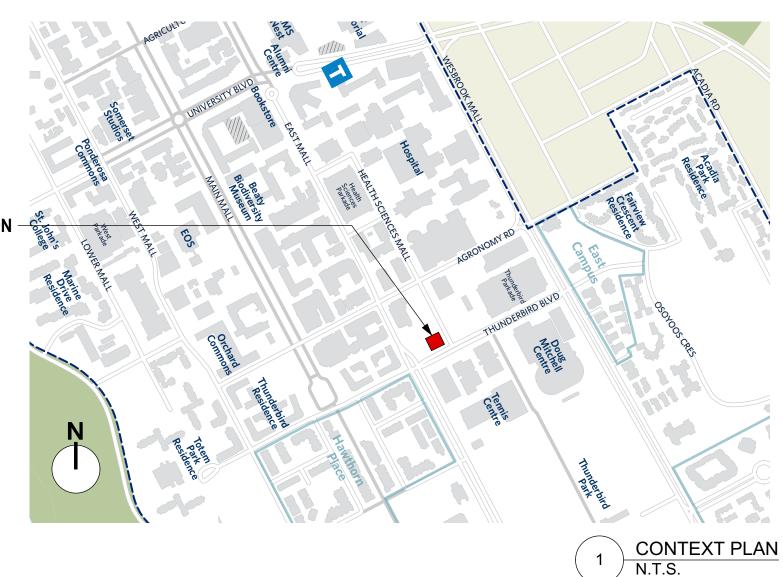
Tall fencing is proposed around the perimeter of the new court to protect pedestrians, cyclists and vehicles on nearby streets, sidewalks and parking lot.

UBC BASKETBALL COURT REPLACEMENT PROJECT

DEVELOPMENT PERMIT APPLICATION | 05 MAY 2021







UBC BASKETBALL COURT REPLACEMENT PROJECT

PROJECT DATA / CODE SUMMARY

ADDRESS

C-2 Parking Lot, located at NW corner of Thunderbird Blvd and Health Sciences Mall

University of British Columbia, Vancouver Campus Vancouver, BC V6T 2A1

LEGAL DESCRIPTION

Parcel Identifier: 015-940-357

DISTRICT LOT 4805 GROUP 1 NEW WESTMINSTER DISTRICT EXCEPT:

PORTIONS IN PLAN 9301, STATUTORY RIGHT OF WAY EX-PLAN 20570, PART SUBDIVIDED BY PLAN BCP3309 AND PART SUBDIVIDED BY BCP30252

DRAWING LIST

Architectural

A.001 Project Info
A.002 Context Plan
A.003 Site Photos
A.004 Perspective View
SURVEY Survey Plan

A.101 Demo Plan / Tree Protection Plan

A.201 Layout Plan
A.301 Sections / Elevations



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PROJECT INFO

DRAWN: PLOT DATE: 5/17/21 CHECKED:

A.001

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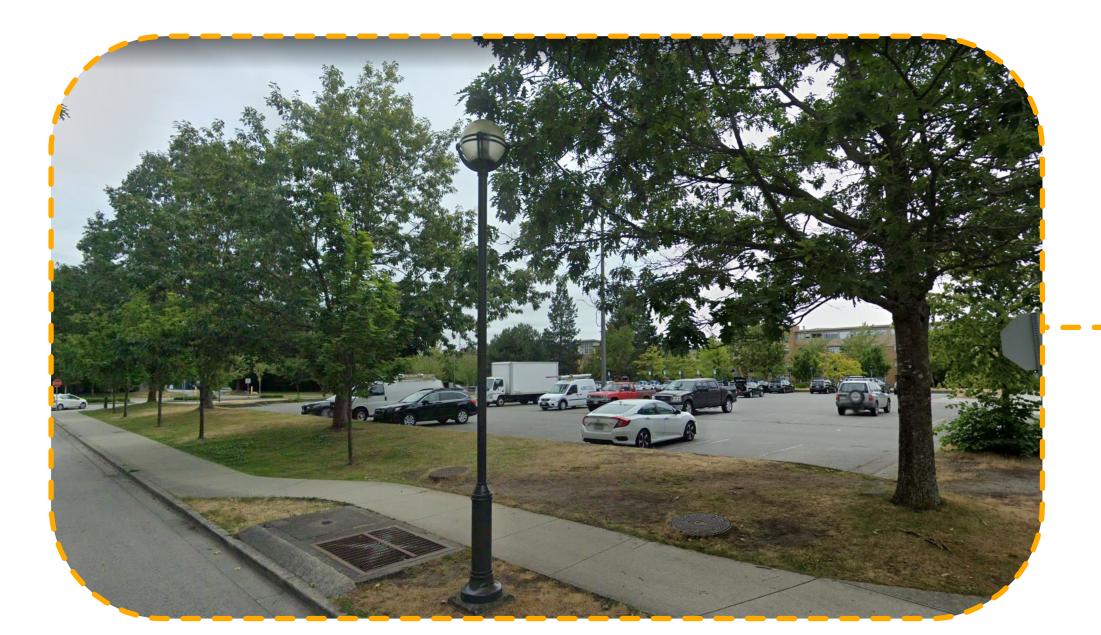
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CONTEXT PLAN

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A.002

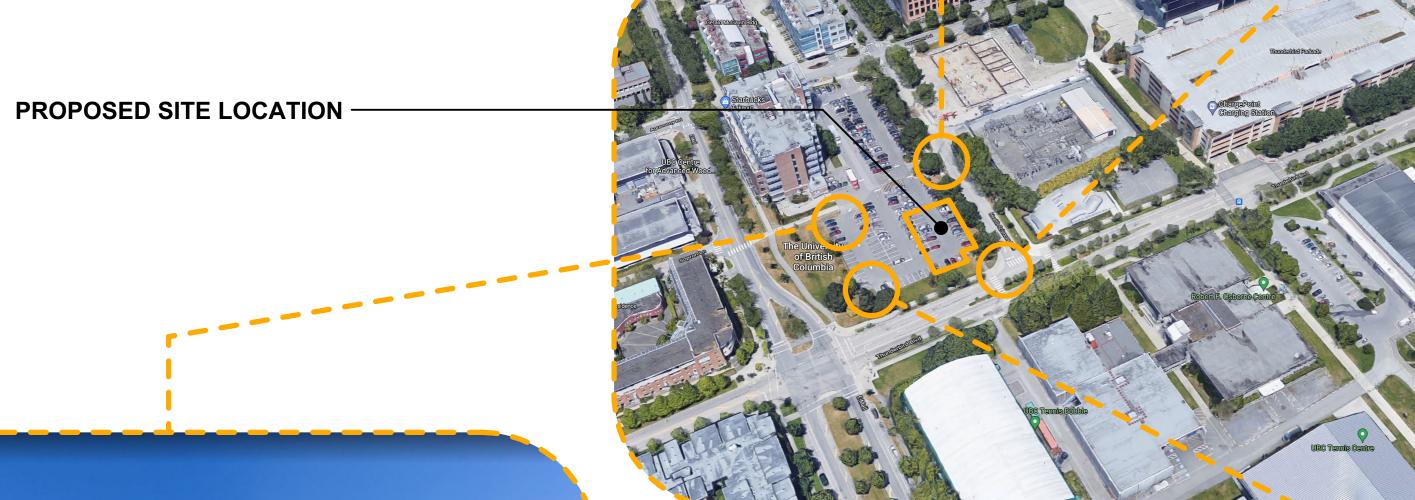
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LOOKING SOUTHWEST FROM HEALTH SCIENCES MALL



LOOKING NORTHWEST FROM THUNDERBIRD BLVD



LOOKING SOUTHEAST FROM WITHIN THE PARKING LOT



LOOKING NORTHWEST FROM WITHIN THE PARKING LOT

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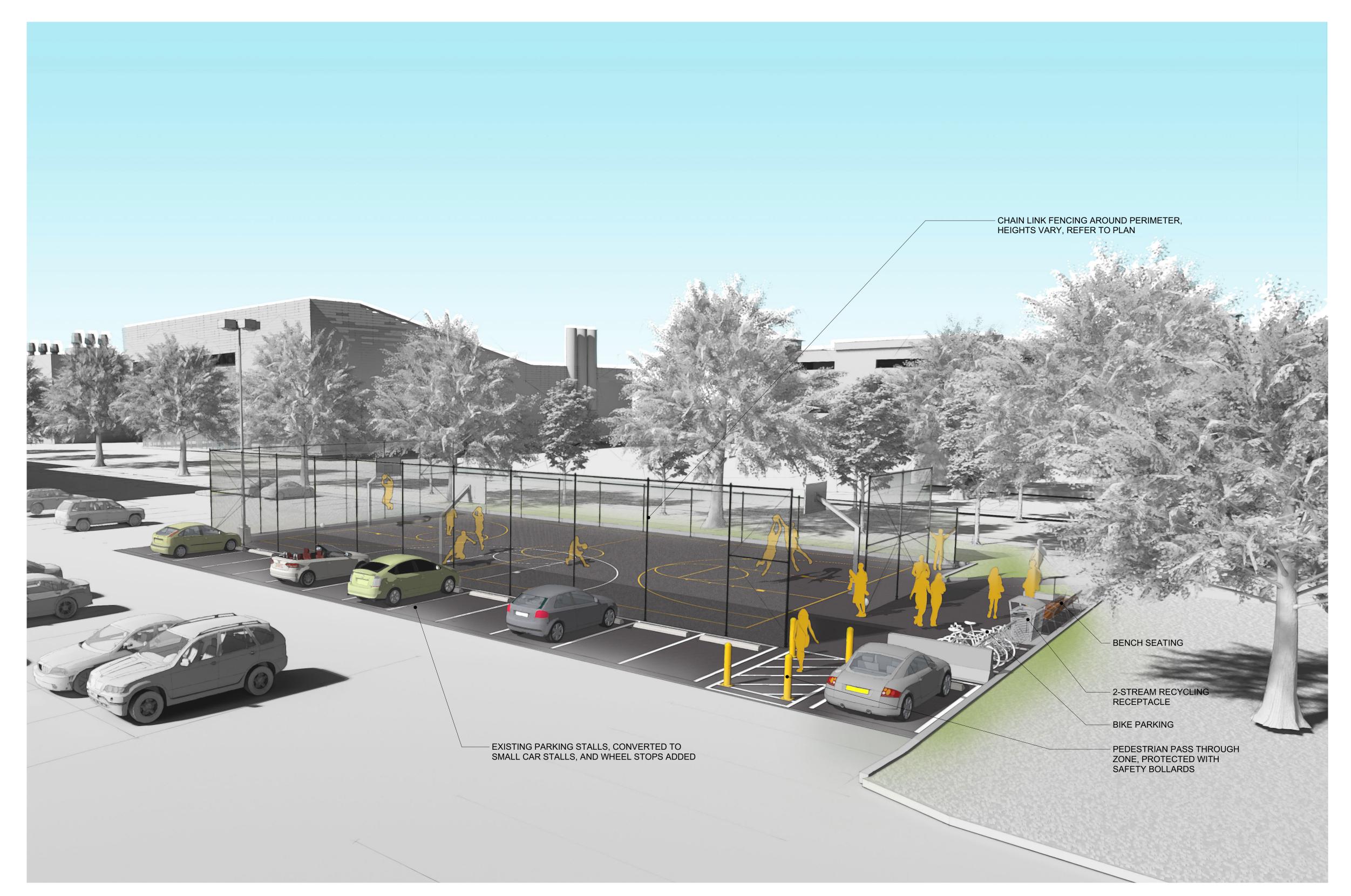
SITE PHOTOS

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PERSPECTIVE VIEW OF PROPOSED OUTDOOR BASKETBALL COURT

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RENDERING

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STATUTORY RIGHT OF WAY EX-PLAN 20570, PART SUBDIVIDED BY PLAN BCP3309 AND PART SUBDIVIDED BY PLAN BCP30252

SYMBOL LEGEND	
0	LAWN BASIN
	CATCH BASIN
	SERVICE BOX (LABELLED)
0	INSPECTION CHAMBER
0	SANITARY SEWER MANHOLE
0	STORM DRAIN MANHOLE
0	STREET SIGN
\bigcirc	DECIDUOUS TREE
W. Y. W.	CONIFEROUS TREE
\boxtimes	UNKNOWN VALVE
X	GAS VALVE
X	WATER VALVE
⊕	FIRE HYDRANT
ф	LAMP STANDARD
000	TRAFFIC LIGHT

NOTE:

THIS PROPERTY MAY BE SUBJECT TO THE FOLLOWING CHARGES:

EASEMENT P78392

EASEMENT BR206850

EASEMENT BR206854

EASEMENT BT461556

STATUTORY RIGHT OF WAY BW302466 BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

EASEMENT BA468548

EASEMENT BA468549

COVENANT BB264438

THE CROWN IN RIGHT OF BRITISH COLUMBIA

NOTE:

ALL ELEVATIONS AND DISTANCES SHOWN ARE IN METRES.

THIS PLAN SHOWS HORIZONTAL GROUND LEVEL DISTANCES UNLESS OTHERWISE SPECIFIED. TO COMPUTE GRID DISTANCES, MULTIPLY GROUND LEVEL DISTANCES BY THE COMBINED FACTOR OF 0.9995923.

LEGAL BOUNDARIES ARE BASED ON LAND TITLE OFFICE RECORDS AND FIELD SURVEY, AND SUBJECT TO CHANGE.

ELEVATIONS ARE DERIVED FROM UBC MONUMENT W-W, LOCATED ON EAST MALL IN FRONT OF THE CEME BUILDING (BETWEEN AGRONOMY ROAD AND UNIVERSITY BOULEVARD) GEODETIC ELEVATION = 93.631

THIS PLAN SHOWS THE LOCATION OF VISIBLE FEATURES ONLY, AND DOES NOT INDICATE BURIED SERVICES THAT MAY EXIST ON OR AROUND THE

TREE SPECIES AND DIMENSIONS TO BE CONFIRMED BY A QUALIFIED ARBORIST. TREE SYMBOLS ARE NOT AN INDICATION OF DRIP LINE LOCATION UNLESS SPECIFICALLY LABELLED.

 ${\Bbb C}$ 2021 COPYRIGHT RESTRICTION

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THIS PLAN IS PREPARED SOLELY FOR A LIMITED CONTRACTUAL USE BETWEEN APLIN & MARTIN AND OUR CLIENT. IT IS NOT TO BE USED FOR THE LOCATION OF PROPERTY LINES. WE ACCEPT NO RESPONSIBILITY FOR ANY UNAUTHORIZED USE.









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SURVEY PLAN

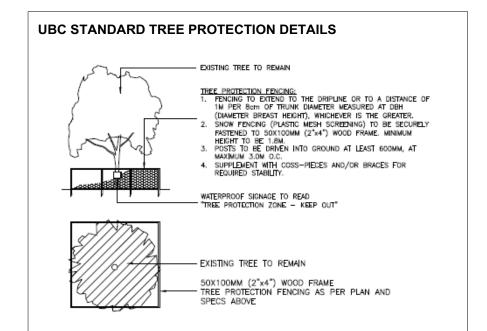
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Survey

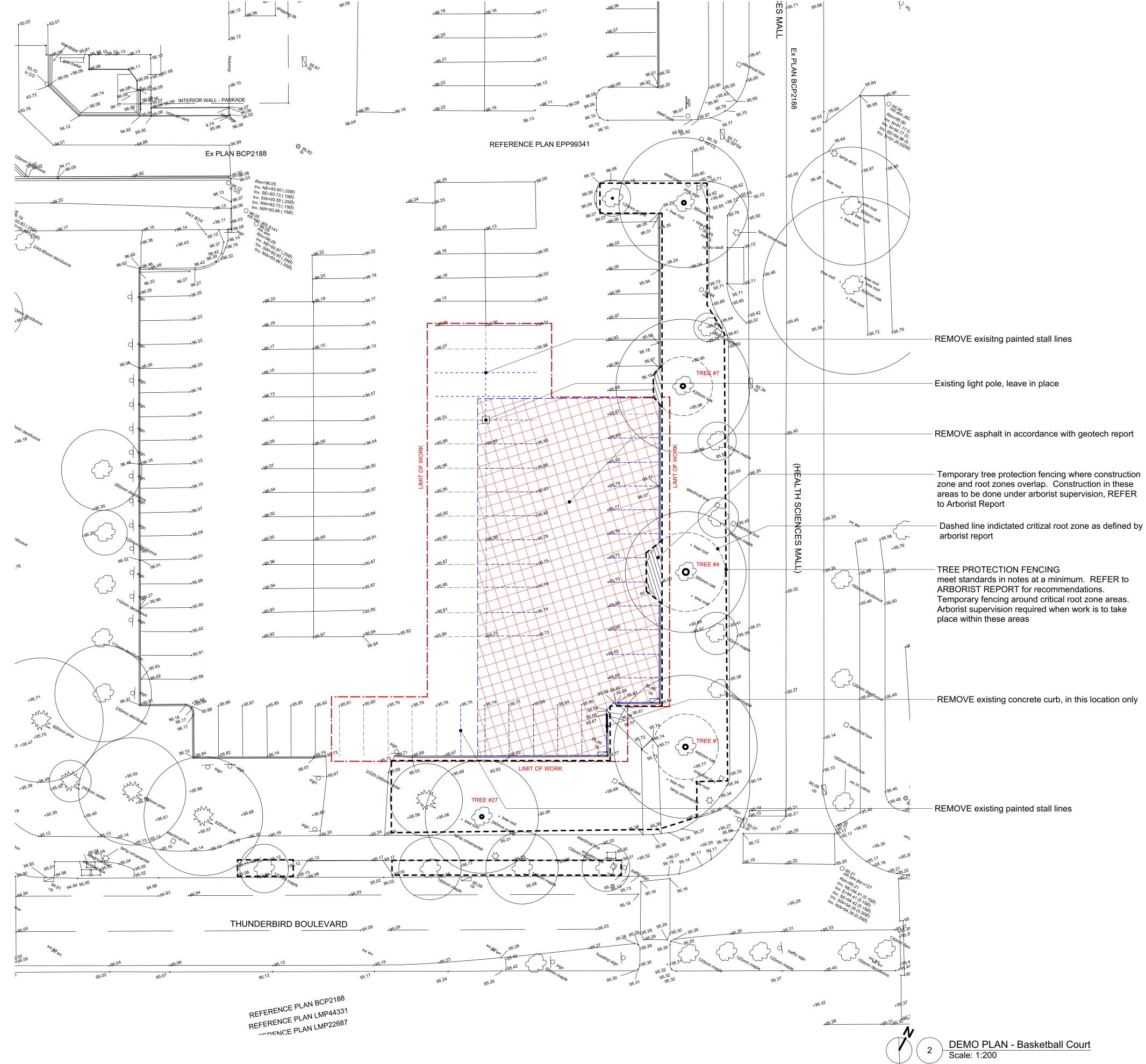
BC100018

TREE PROTECTION NOTES

- 1. Existing healthy trees over 10 cm caliper (diameter at breast height) on project site shall be retained as shown. Detailed recommendations for retention and protection during construction must be obtained from arborist.
- 2. Any construction activities or grade changes within or adjacent to the root protection zone must be approved by the consultant and
- 3. Any pruning of branches or roots must be done by a certified arborist in conjunction with UBC staff.
- 4. Only hand excavation or hydro-excavation shall be undertaken within critical root zone of trees to be retained, under direction of
- 5. Tree protection fencing must be built to standard shown here, or as listed in the UBC arborist guidelines. Tree protection shall be composed of wood post and frame fencing with snow fencing or mesh around it. Posts are to be driven into the ground to a depth of at least 600 mm at no more than 3 m on centre. Tree protection fencing is to be 1.8 m high.
- 6. Tree protection fencing is to be installed at a radius around the subject tree equivalent to the greater of the following two options: - the drip line of the tree canopy
 - a radius equal to 1 m per 8 cm of trunk diameter measure at 300 mm for trees of less than 15 cm trunk diameter
- 7. No vehicular access or material storage is permitted within the fence lines.
- 8. Additional tree protection strategies or interventions may be required as work progresses. Contractor to consult with arborist.









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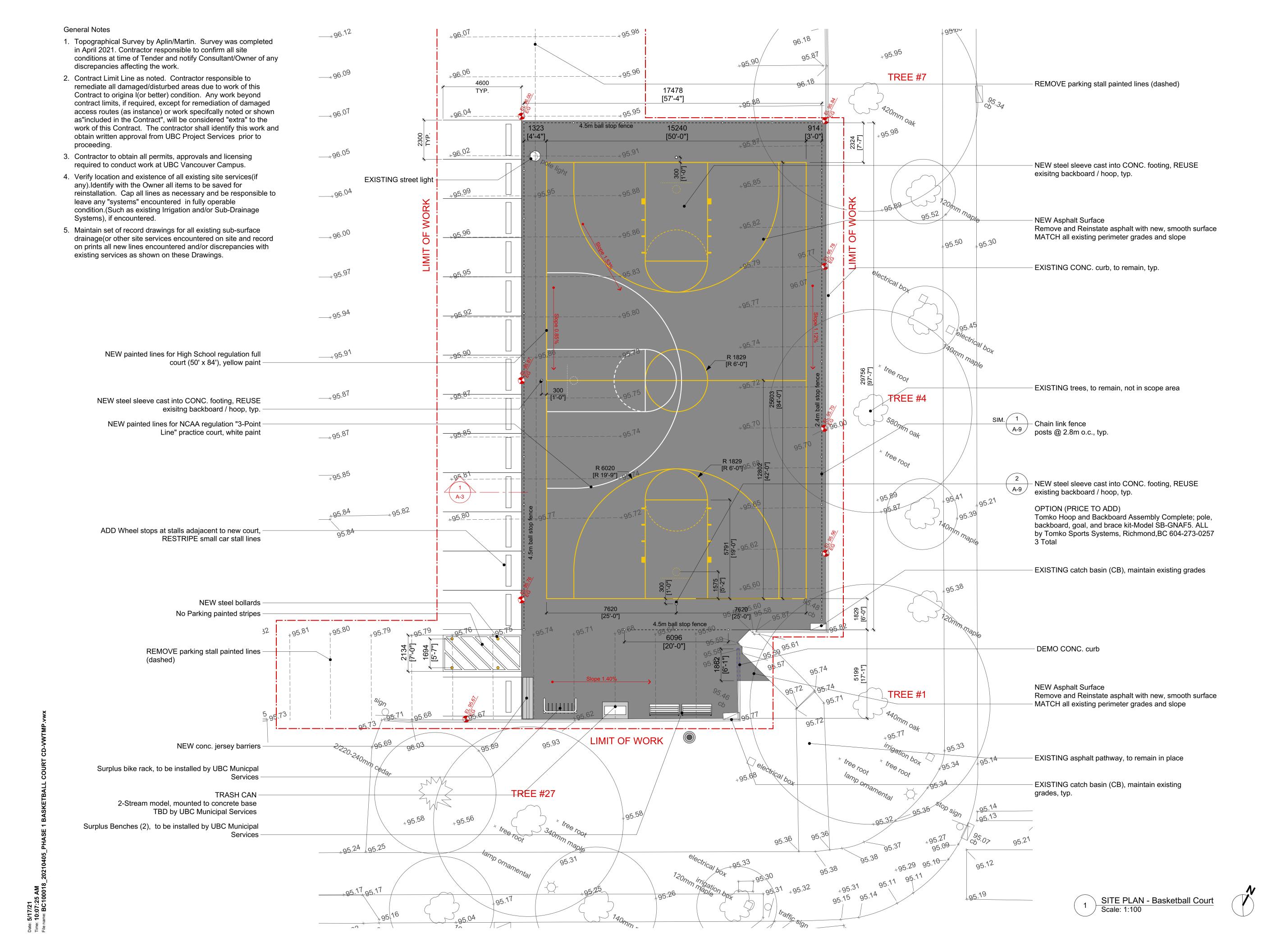
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DEMO PLAN TREE PROTECTION

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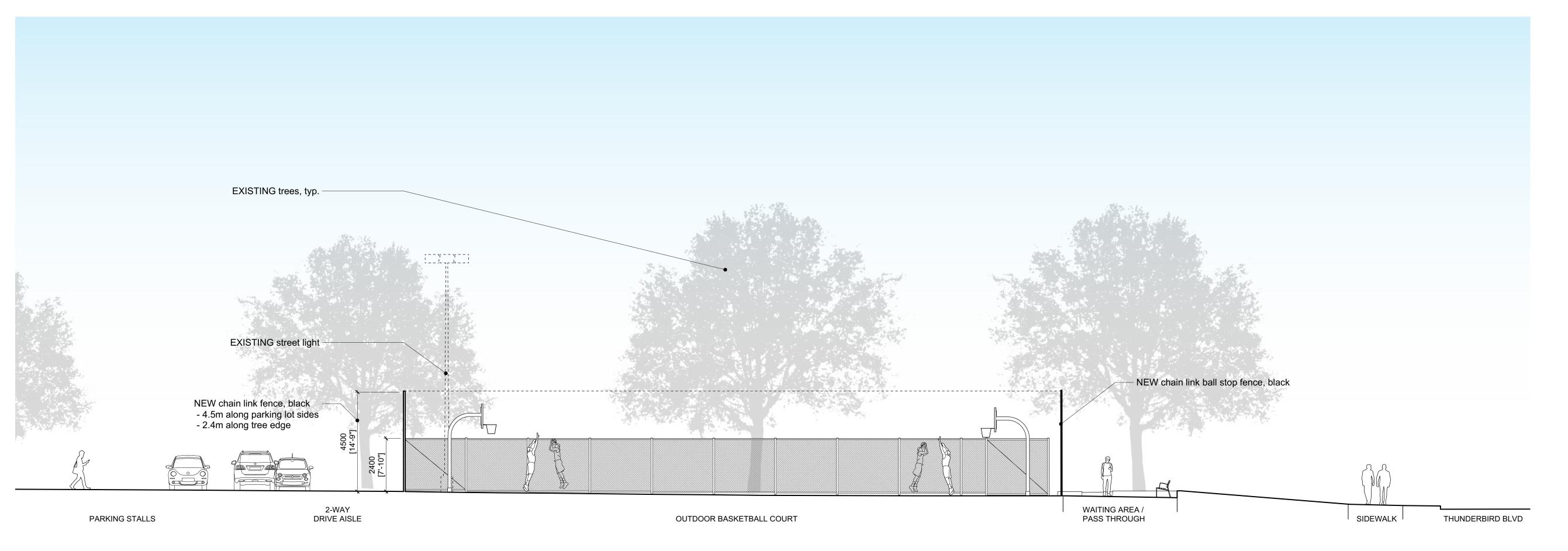
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LAYOUT PLAN

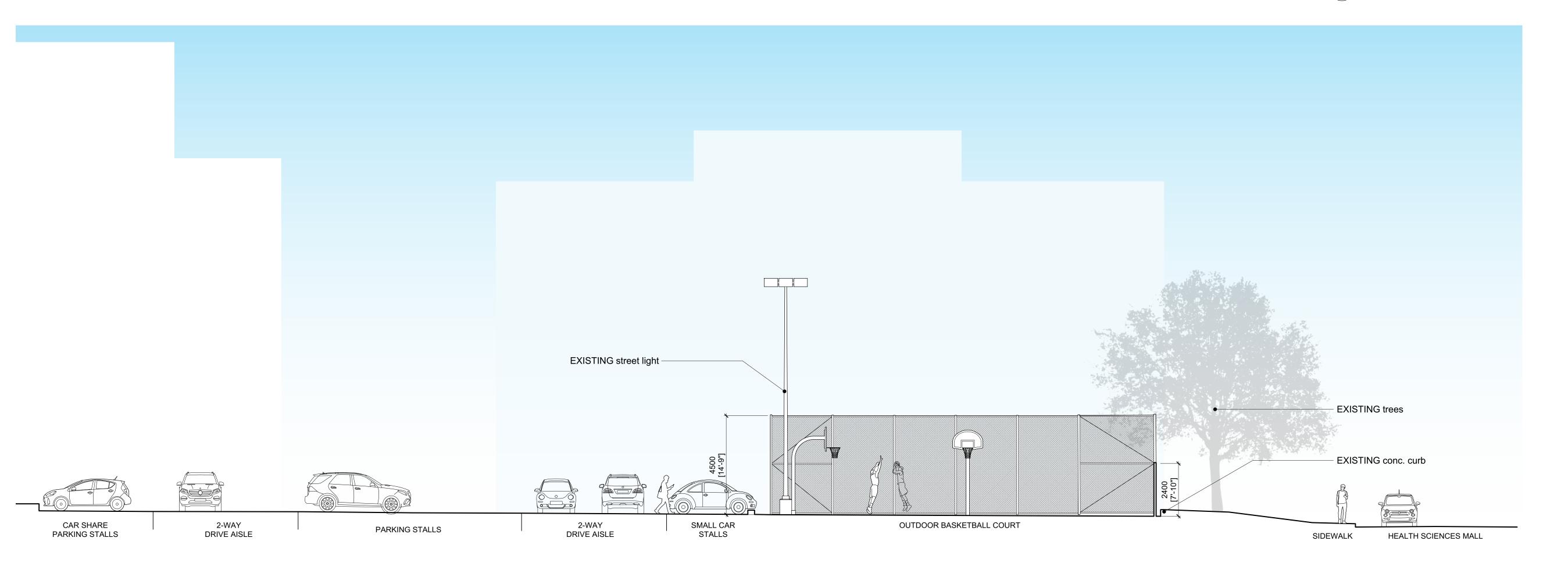
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1 SITE SECTION - EAST WEST Scale: 1:100



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SECTION / ELEVATIONS

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