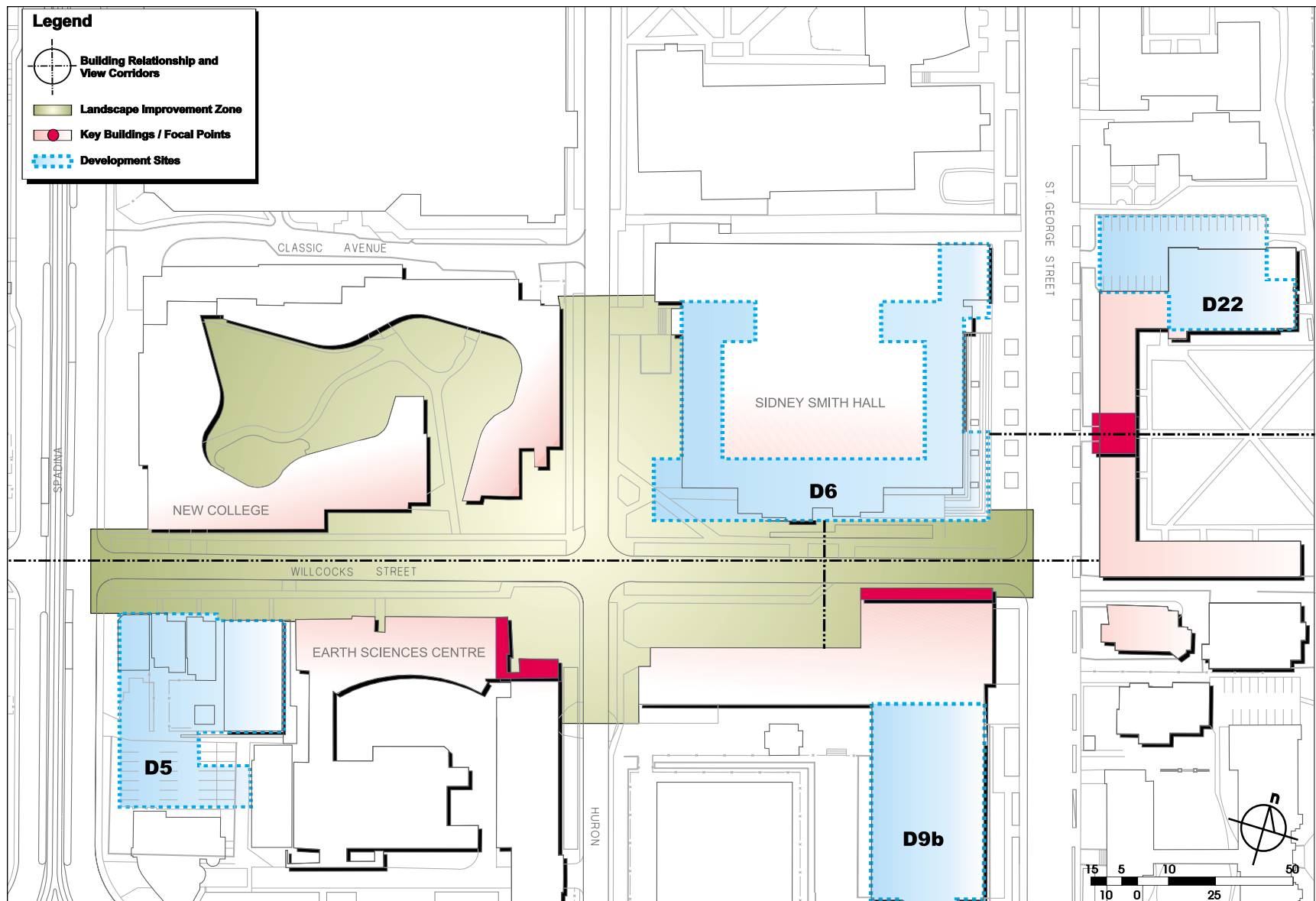


Drawing DS4 - 1: Key Buildings / Focal Points / Development Sites

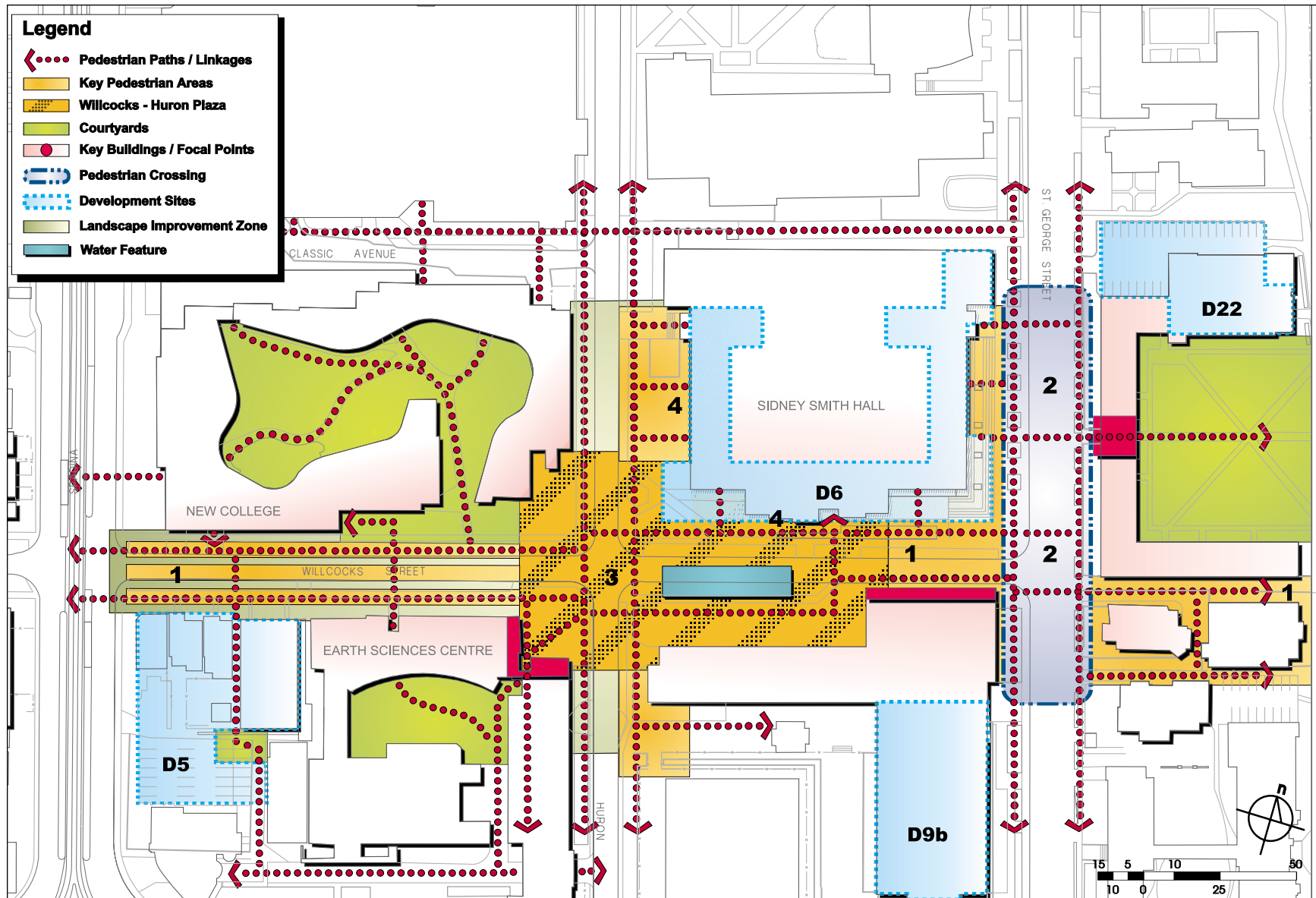


P e d e s t r i a n M o v e m e n t

The following issues related to pedestrian routes should be considered in the redesign of the Demonstration Site. The numbered items refer to drawing **DS4-2**.

1. Willcocks Street is a major east-west pedestrian corridor from Spadina Avenue across St. George Street and through to the Central Campus.
2. The intersection of Willcocks Street and St. George Street experiences major pedestrian flow between the central and west campus areas. The reconfiguration of Willcocks Street to create the open space will likely result in the removal of the traffic signal at this intersection. A series of pedestrian-activated crosswalks may be suitable at this location.
3. Traffic calming and limited automobile use on Willcocks Street between Huron and St. George Streets would allow the development of a major open space and pedestrian gathering place.
4. Sidney Smith Hall is the hub of the Faculty of Arts and Science. The integration of the west terrace and the south facade with the open space proposed in this Demonstration Site will create an enhanced gathering space and improve pedestrian amenity around the building.

Drawing DS4 - 2: Pedestrian Movement



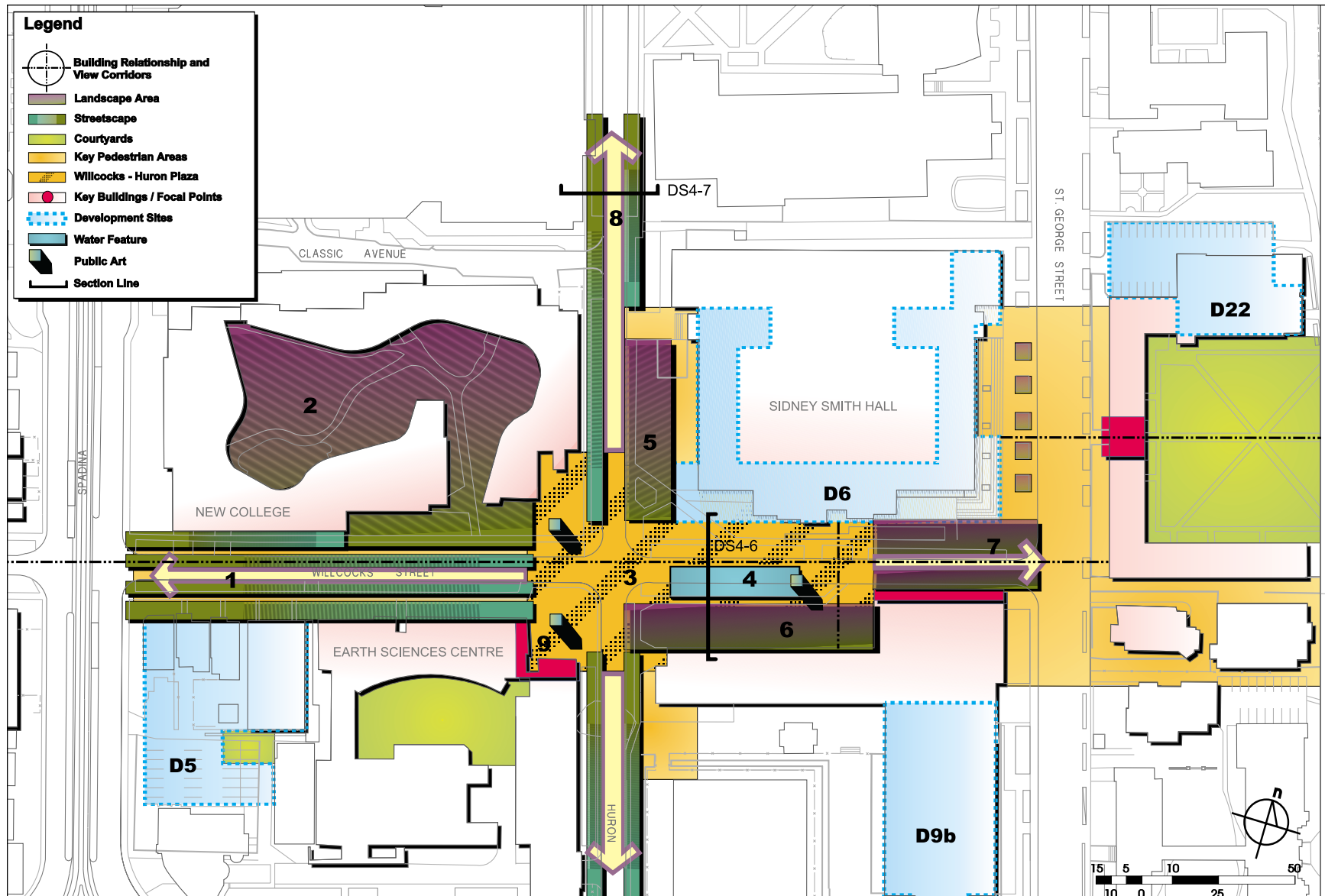
Demonstration Site 4: Willcocks Street - Sidney Smith Hall - New College - Huron Street

Detailed Master Plan Concept

The following list of features and concepts is proposed as the framework for the redesign of this Demonstration Site. The numbered items refer to drawing **DS4-3**.

1. Willcocks Street should be programmed for a new road cross section, pedestrian system and street tree planting or street landscaping plan between Huron Street and Spadina Avenue to enhance the pedestrian amenity and restore the street trees that once existed in this location. Modifications to the road cross section should consider a reduction of the travel-way of the street and the possible one-way routing of automobiles.
2. A landscape design for the New College courtyard should be completed and the landscape extended into Willcocks Street. Modifications could consider opening the courtyard up to Spadina Avenue and providing additional entry points from the New College building to add an accessible open space to the West Campus.
3. To create a major open space on the West Campus, the intersection of Huron and Willcocks Streets should be designed as a continuous plaza and raised to form a traffic table to favour pedestrians. Automobile traffic should be contained by bollards. Automobile access between Huron and St. George Streets should be limited to one-way movement and consideration should be given to limiting vehicular traffic to service and emergency vehicles only. The modifications should be integrated with the redevelopment of Sidney Smith Hall to provide outdoor space to student amenities and food services.
4. A water feature/fountain and skating facility should be integrated into this space as a year-round campus amenity.
5. The west lawn of Sidney Smith Hall should be integrated with the upper level terrace and landscaped with extensive tree planting and seating to improve this existing outdoor space.
6. The north lawn of the Lash Miller Chemical Laboratory should include large scale coniferous trees to provide year-round definition of the outdoor space and to lend interest to winter activity.
7. The St. George Street frontage between Sidney Smith Hall and the Lash Miller Chemical Laboratory should be landscaped with a tight planting of large deciduous trees to add to the landscape features of St. George Street.
8. Huron Street should be programmed for a new road cross section, pedestrian system and street tree planting or street landscaping plan. Modifications should reduce the travel-way of the street and consider possible one-way routing of automobiles to improve the pedestrian and visual amenity of this busy north-south street. Huron Street should set an example for the streets of the West Campus.
9. The Willcocks open space should be considered for public art installations to enhance the new open space. Suggested locations include the intersection of Huron and Willcocks Streets and the head of the water feature.

Drawing DS4 - 3: Detailed Master Plan Concept



Demonstration Site 4: Willcocks Street - Sidney Smith Hall - New College - Huron Street

Drawing DS4-4: Master Plan Concept



The *Willcocks Street* open space will be a significant site of landmark quality and a focus for student activity on the West Campus.

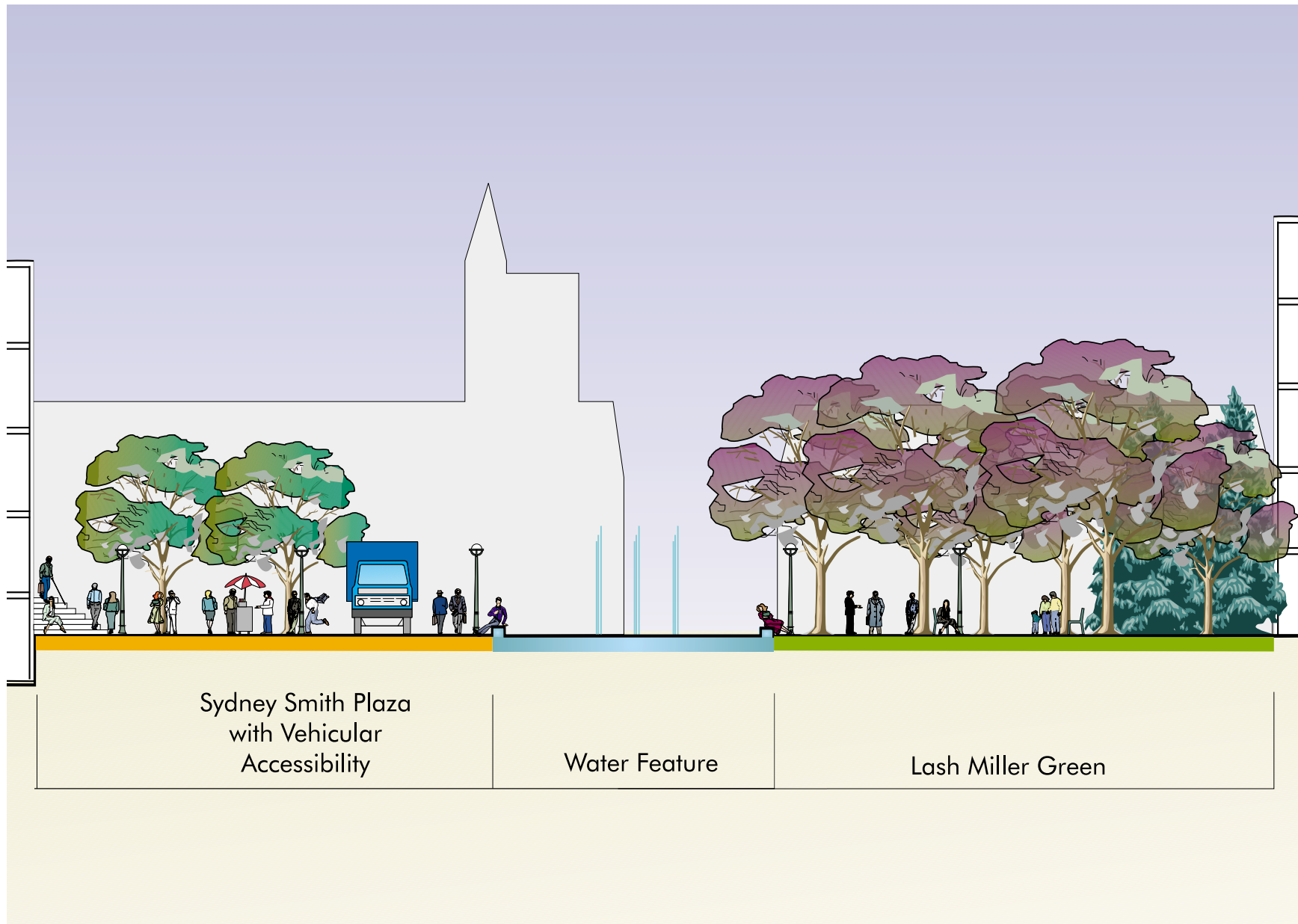
Drawing DS4-5: Master Plan Concept



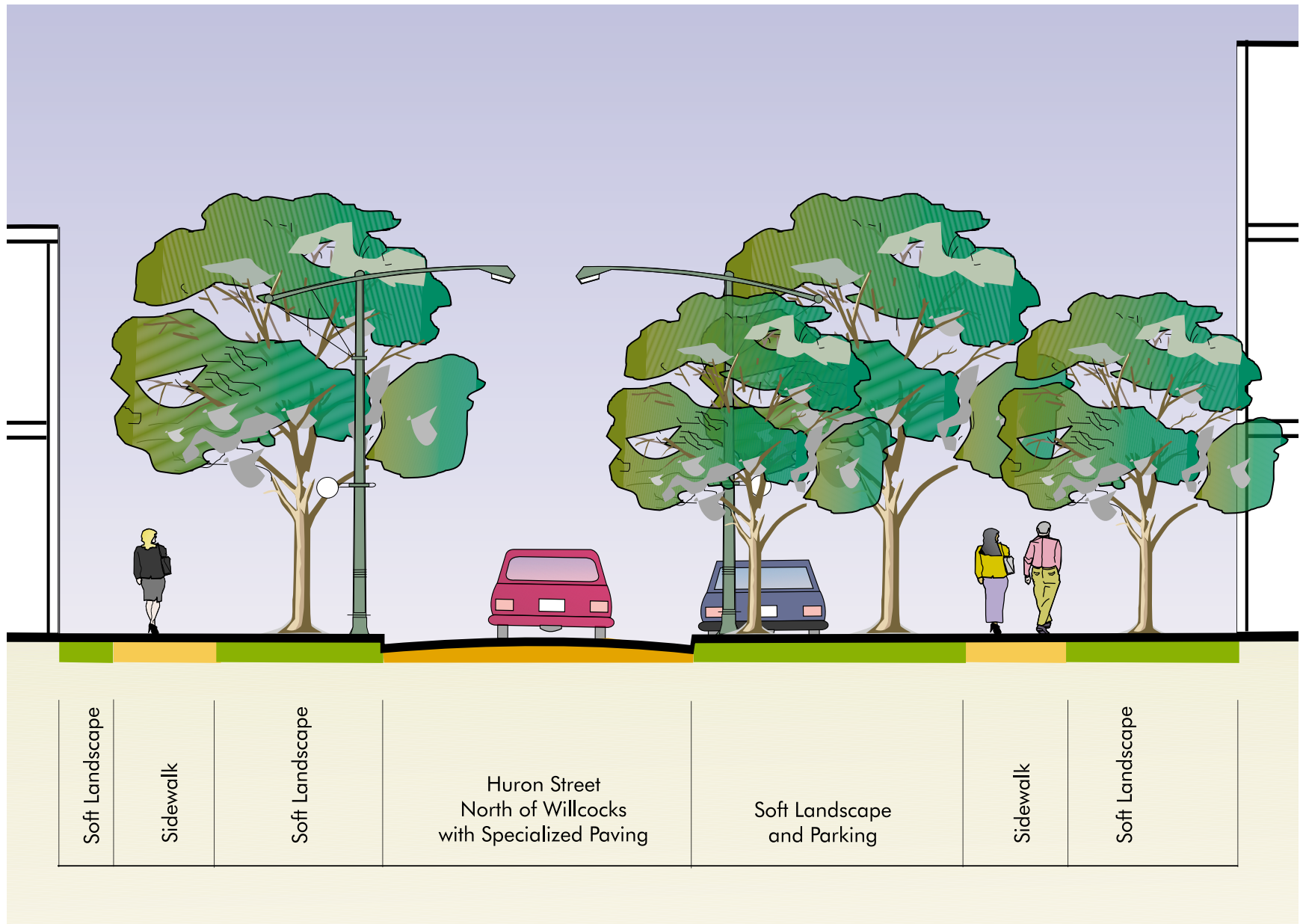
Drawing DS4-6: Proposed Willcocks Street Cross Section

3-40

UNIVERSITY OF TORONTO OPEN SPACE MASTERPLAN 1999



Drawing DS4-7: Proposed Huron Street Cross Section



2.5 College Street Demonstration Site

Goals

- *To build upon the success of St. George Street and enhance this campus edge street;*
- *To reinforce the special streetscape of College Street;*
- *To create several new open spaces in the southern portion of the campus.*

Project Summary

With its handsome, solid university buildings and continuous setback along the street, College Street provides the backdrop to a proposed linear landscape of street trees, seating and pedestrian amenity along the sunny side of the street. Several important new open space opportunities are present along the corridor including the northwest corner of College Street and University Avenue, the proposed Taddle Creek Road forecourt (University Development Site 15) and the St. George Street intersection.

Investing in the Landscape recommends streetscaping on College Street to illustrate the importance of the major edge streets to both the city and the campus. College Street is a location where the community would benefit from a significant streetscape upgrading project.

College Street represents the next opportunity to build on the success of St. George Street in transforming the city streets of the campus into unique urban open spaces.

Key Buildings, Focal Points and University Development Sites

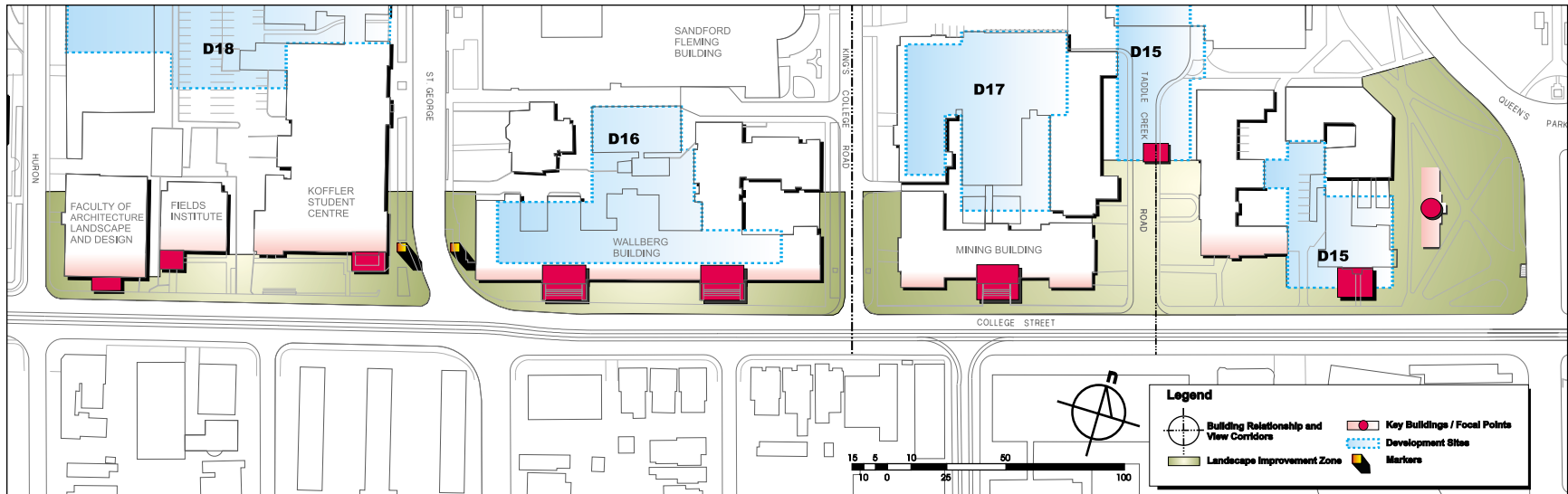
The College Street frontage is the most prominent aspect of the Front Campus landscape. The broad setback and second level entrances create a distinctive urban streetscape that contains several significant deciduous trees. An open space and subway entrance mark the corner of College Street and University Avenue. The open space is composed of grass and pathways with several mature trees and is an important gateway to the campus.

Changes to the corner of College Street and University Avenue and to Taddle Creek Road as part of University Development Site 15 will significantly alter the massing of the eastern section of the street. These changes include:

- moving the greenhouse that currently fronts onto College Street to the northwest corner of College Street and University Avenue;
- replacing the greenhouse with a new structure; and
- creating a new forecourt to the buildings on Taddle Creek Road.



Drawing DS5 - 1: Key Buildings / Focal Points / Development Sites



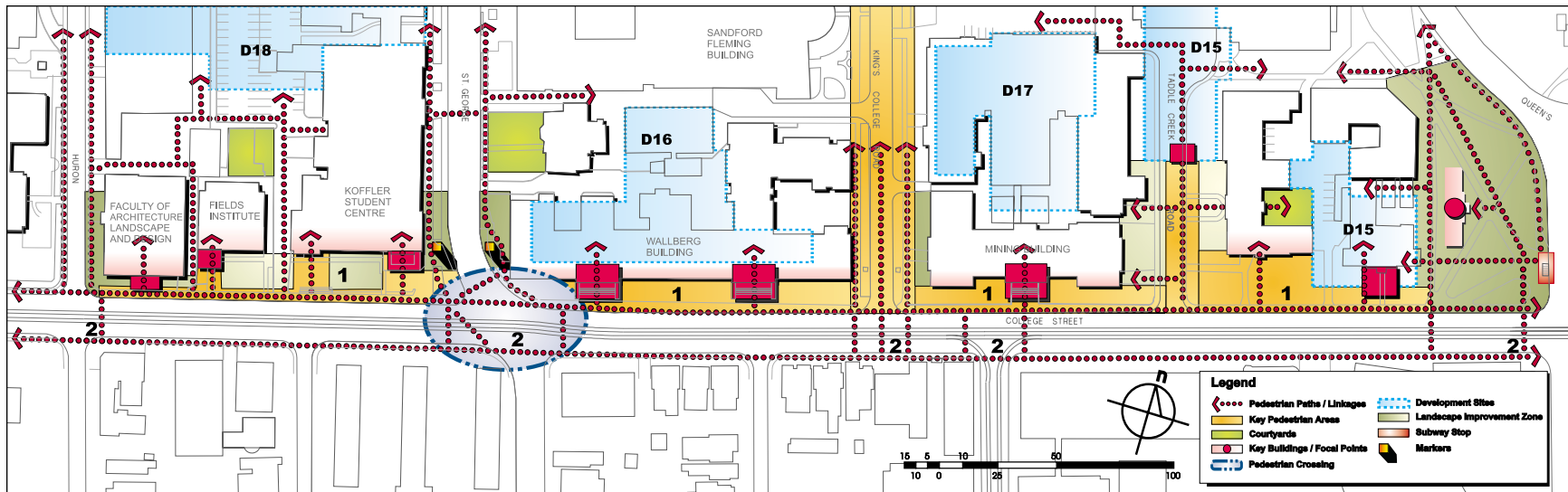
Demonstration Site 5: College Street

P e d e s t r i a n M o v e m e n t

The following pedestrian issues should be considered in the redesign of the Demonstration Site. The numbered items refer to drawing **DS5-2**.

1. The north side of College Street from Huron Street to University Avenue is a major pedestrian route with many entrances to the University via building terraces, forecourts, gardens, north/south streets, and transit stops.
2. Improvements to paving and lighting at major College Street intersections would improve the safety of pedestrian crossings.

Drawing DS5-2: Pedestrian Movement



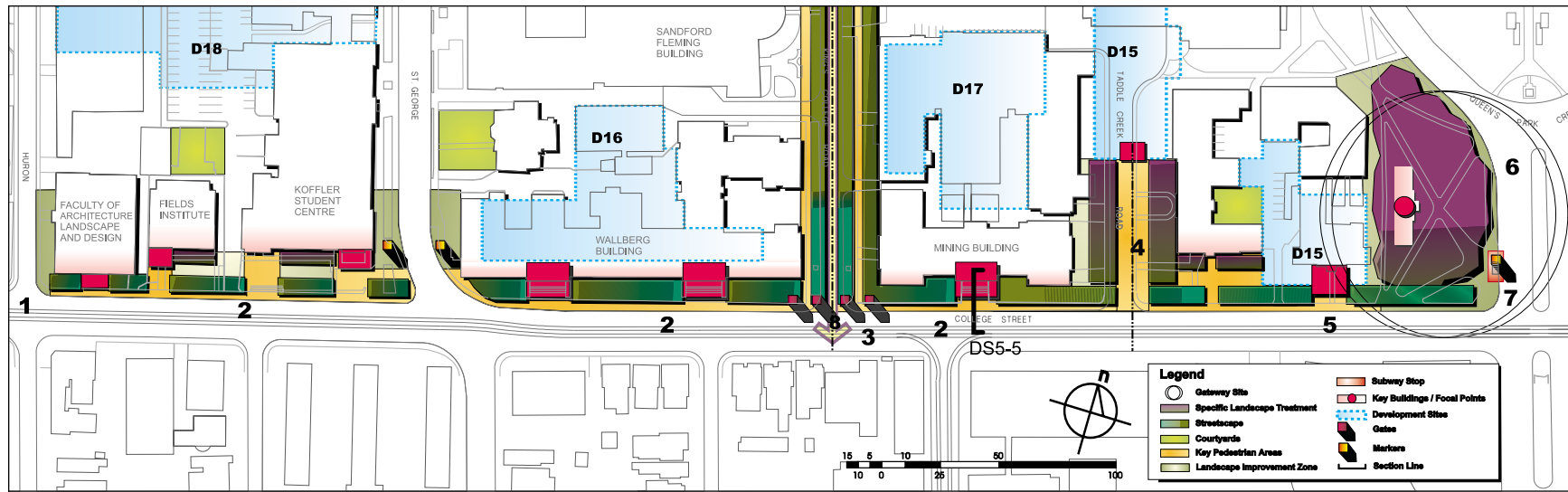
Demonstration Site 5: College Street

Detailed Master Plan Concept

The following list of features and concepts is proposed as the framework for the redesign of this Demonstration Site. The numbered items refer to drawing **DS5-3**.

1. The intersection of Huron Street and College Street is an important entrance to the campus and should be marked as such.
2. The streetscape along College Street should include a double row of deciduous trees along as much of the street length as possible to restore a portion of the urban forest that existed at the time of the original University land grant. Additional columnar and coniferous trees can be planted against building walls to provide definition. Upper level steps and terraces should be featured in this linear landscape. A row of seating should be incorporated into the streetscape along the entire length of the street at the sidewalk edge. This south-facing seating can be used as a transit waiting area or as a student meeting area.
3. A new set of gates should be installed at the intersection of King's College Road and College Street to reinforce this historical entrance to the campus.
4. The conversion of Taddle Creek Road to a forecourt is proposed as part of University Development Site 15. This area should be developed as a new open space with an emphasis on existing tree preservation, additional deciduous and coniferous tree planting and seating.
5. The area in front of the Fitzgerald Building and the College Street frontage of University Development Site 15 should be used to create a perennial garden and plaza to create visual interest on the College Street streetscape.
6. The open space on the corner of College Street and University Avenue should be used to create a landscape of landmark quality with an emphasis on significant large scale deciduous and coniferous tree planting, pedestrian walkways and pedestrian scale lighting. The existing greenhouse may be moved to this site and should be treated as a feature in the design.
7. The Queen's Park subway station entrance should be treated as a Marker and include mapping and information about the campus. The subway entrance could become a location for a public art installation.

Drawing DS5-3: Detailed Master Plan Concept



Demonstration Site 5: College Street

Drawing DS5-4: College Street Master Plan Concept



College Street should have a linear landscape of trees, seating, and pedestrian amenity with linkages to the north-south campus streets, entrances and open spaces.



New gates at King's College Road and College Street will mark this historic entrance to the Central Campus.

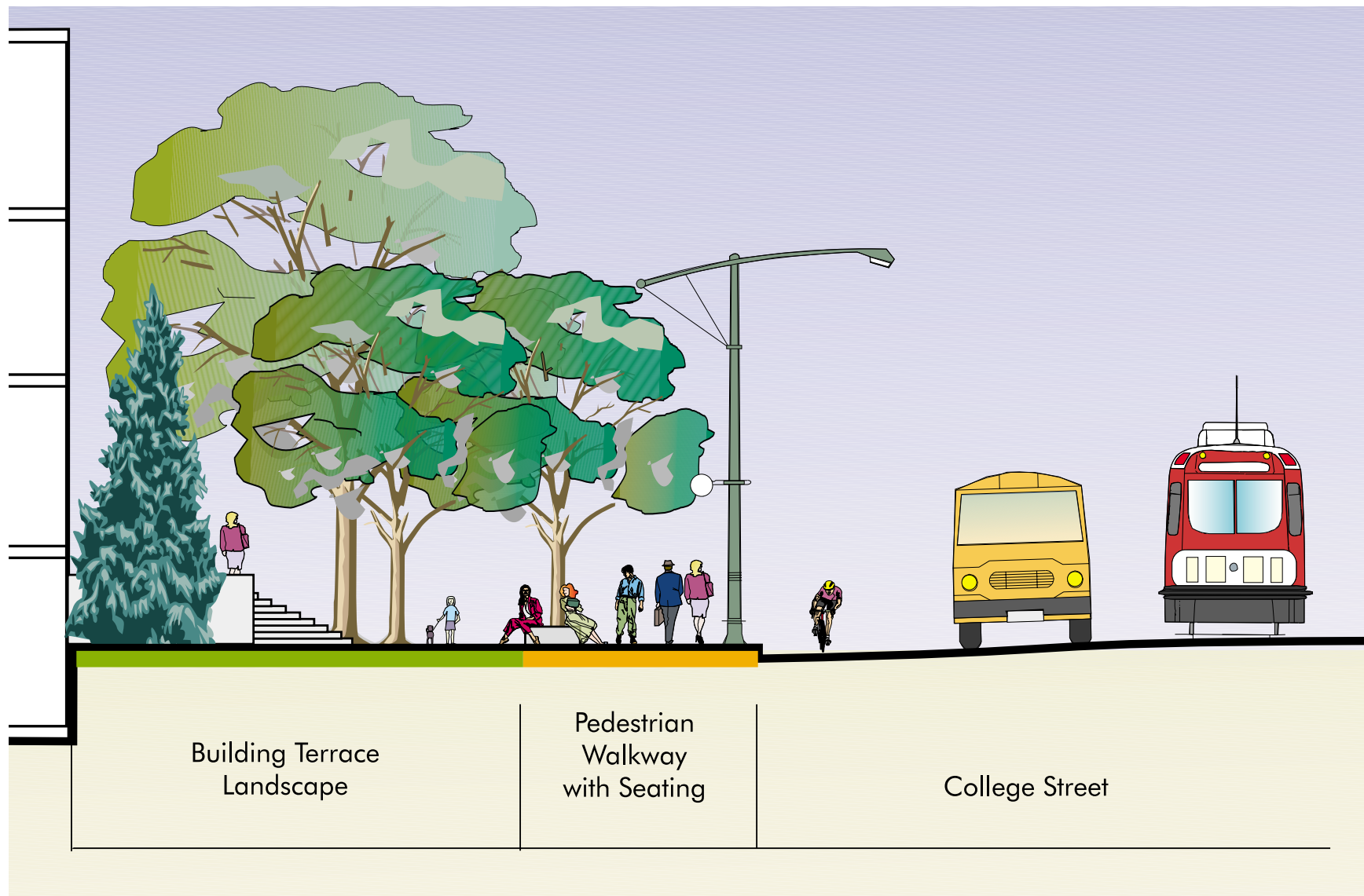


The Taddle Creek Forecourt with its new planting scheme will create a pleasant contemplative space.



The northwest corner of College Street and University Avenue could include the *historic greenhouse*.

Drawing DS5-5: Proposed College Street Cross Section



2.6 Spadina Circle - Russell Street Demonstration Site

Goals

- *To create a landscape of landmark quality;*
- *To create a significant, distinctive, pedestrian-oriented gateway to the West Campus;*
- *To create an enhanced east-west pedestrian connection along Russell Street.*

Project Summary

The Spadina Circle - Russell Street intersection is a significant gateway to the southwest part of the campus. The form of Spadina Circle and the surrounding buildings create a one-of-a-kind place in the city and a wonderful opportunity to restore a gem of the past while creating a significant entry to the University. The University Development Site on the north end of the Circle and the existing historic building can add to the tradition of courtyard buildings at the University.

The Demonstration Site combines Spadina Circle and a re-worked Russell Street to create a new entry to the southwest part of the campus. Huron and Russell Streets will demonstrate a new image for the streets of the West Campus, one that makes the streets distinctive and recognizable as an integral part of the open space on campus, in which a better balance between automobiles, pedestrians and streetscapes is achieved.

The return of Spadina Circle as a landscape of landmark quality is a goal of this project.

Key Buildings, Focal Points and University Development Sites

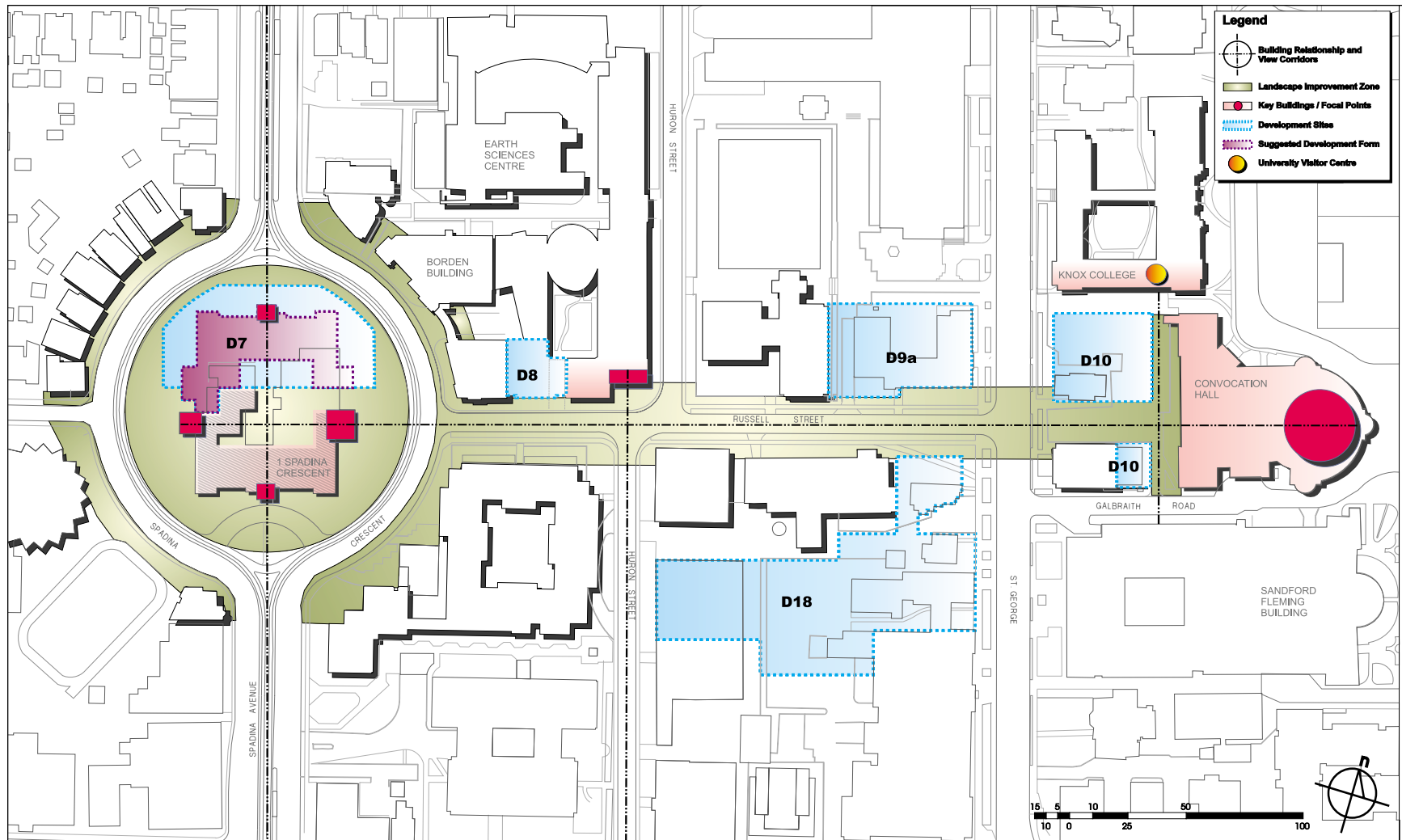
The historic Knox College and the dome of Convocation Hall create a significant view from Spadina Circle and Russell Street and are very important focal points in this area. The University Visitor Centre in the southwest corner of Knox College is considered a part of this Demonstration Site.

Several University-defined redevelopment opportunities exist within this Demonstration Site, including:

- Spadina Circle (University Development Site 7);
- The termination of Russell Street at St. George Street (University Development Site 10); and
- University Development Sites 8, 9a and 18, all of which have frontage on Russell Street.



Drawing DS6 - 1: Key Buildings / Focal Points / Development Sites



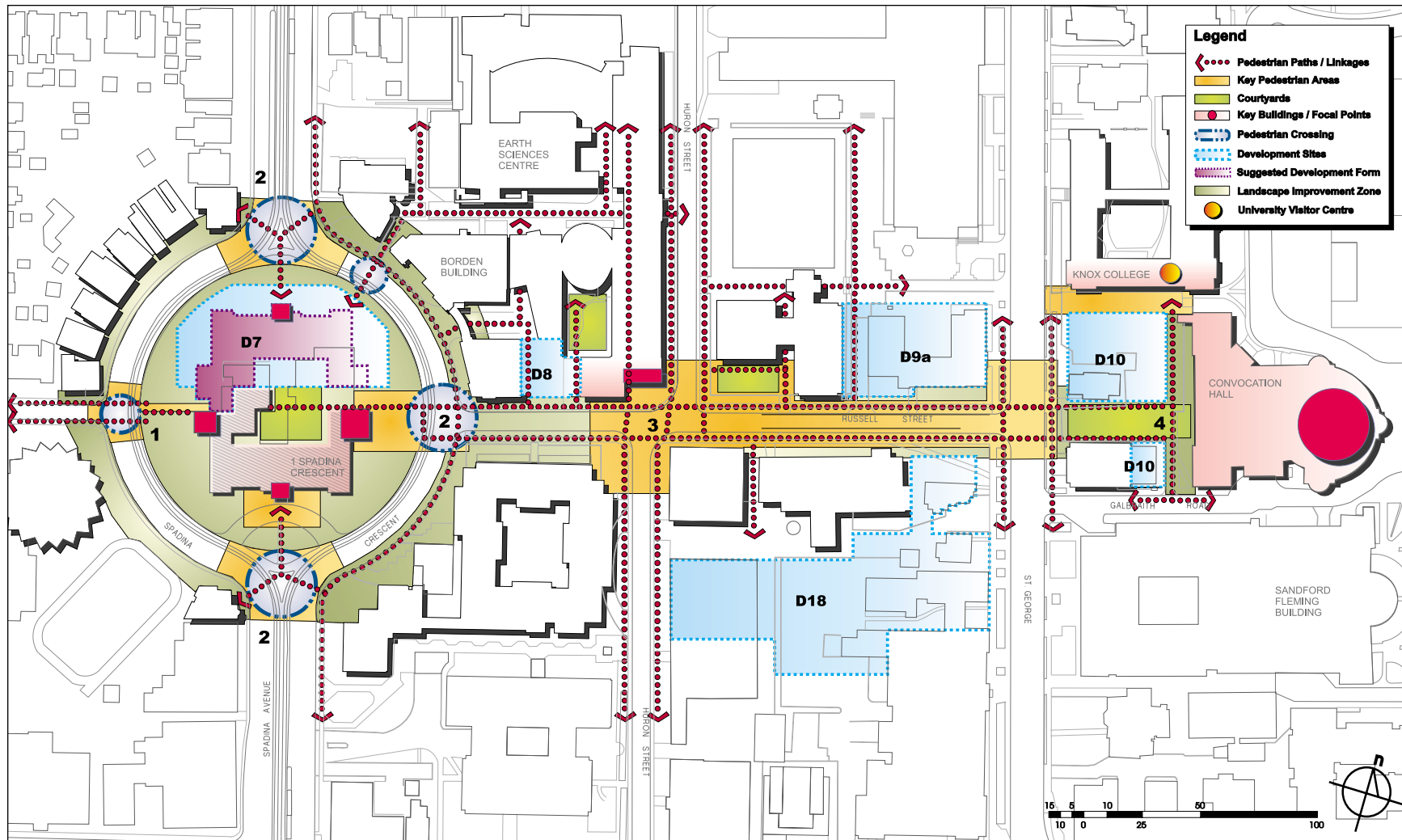
Demonstration Site 6: Spadina Circle - Russell Street

P e d e s t r i a n M o v e m e n t

The following pedestrian issues should be considered in the redesign of the Demonstration Site. The numbered items refer to drawing **DS6-2**.

1. A pedestrian connection from Robert Street along Russell Street through Spadina Circle and through to University Development Site 10 would provide a strong east-west route from the surrounding community Annex neighbourhood to the centre of the campus.
2. Better defined crossings on Spadina Crescent would make the Circle less of a barrier to pedestrian movement.
3. Allowing for diagonal pedestrian crossings and incorporating a traffic calming grade change at the Huron and Russell Streets intersection would create better and safer conditions for pedestrians.
4. Two new east-west pedestrian routes on both sides of University Development Site 10, connected to a north-south route along the west wall of Simcoe Hall from the Visitor Centre to Galbraith Road would improve the connections between the west and central parts of the campus.

Drawing DS6-2: Pedestrian Movement



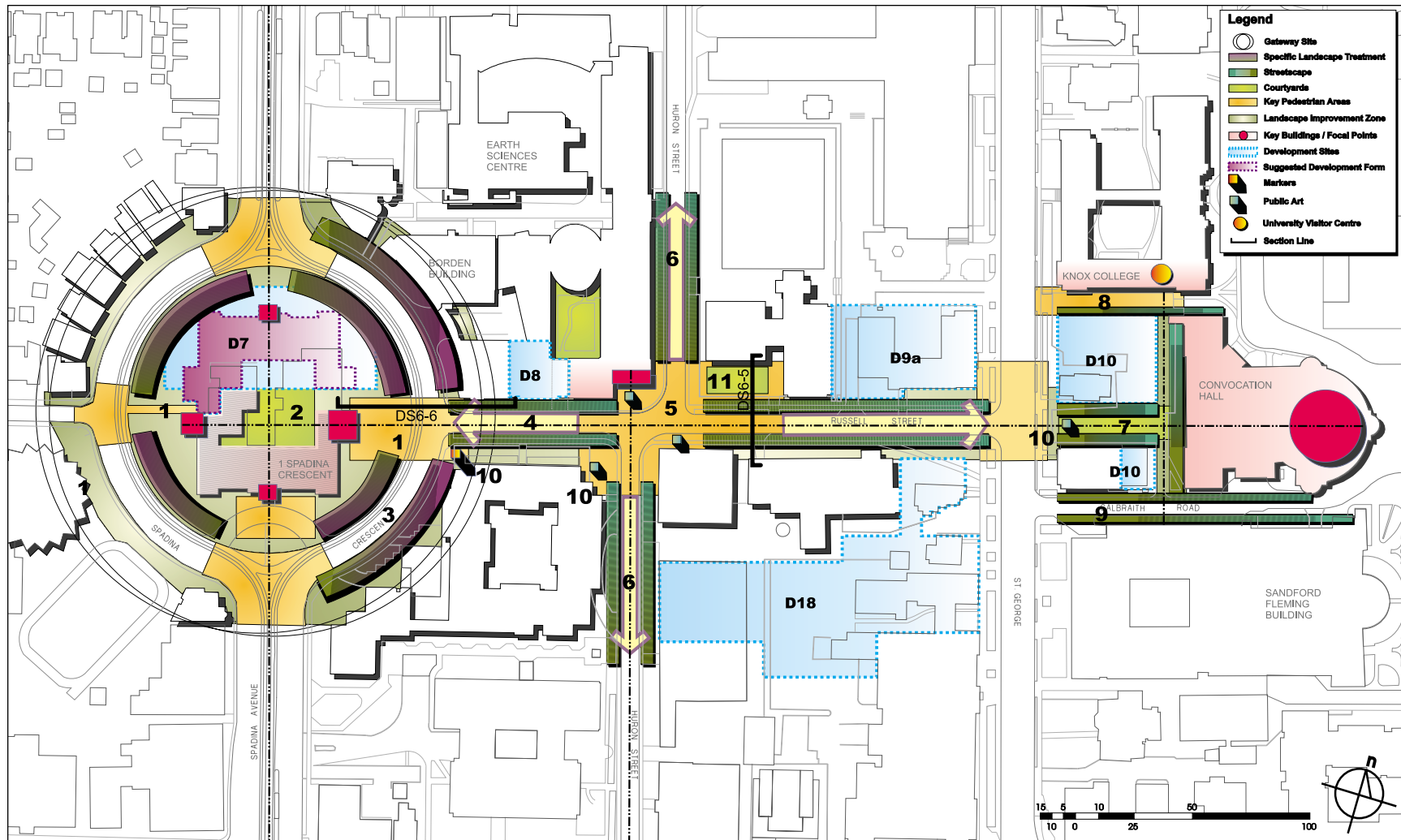
Demonstration Site 6: Spadina Circle - Russell Street

Detailed Master Plan Concept

The following features and concepts are proposed as the design framework for this Demonstration Site. The numbered items refer to drawing **DS6-3**.

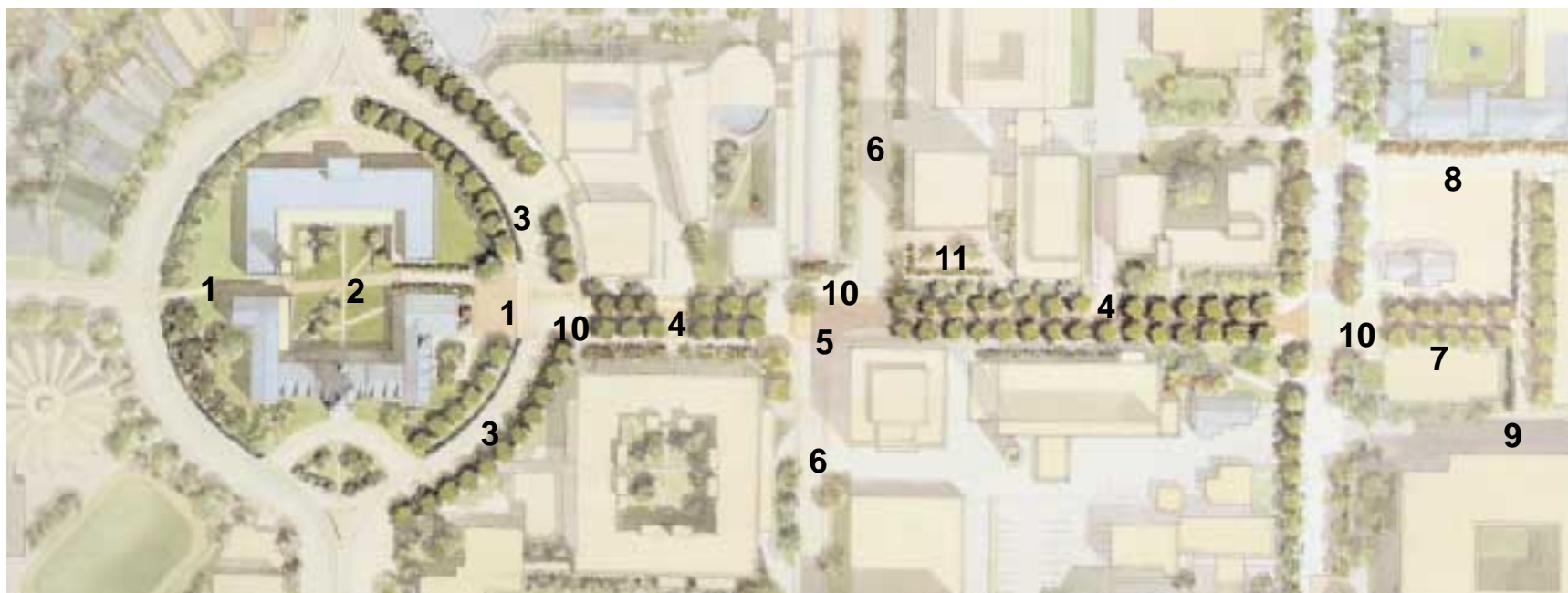
1. The open space of Spadina Circle should be the subject of a landscape restoration plan to include pedestrian plazas accessed from both intersections of Spadina Crescent and Russell Street, removal of the fencing and a planting plan to allow Spadina Circle to become a valuable contribution to the open space in the district. A crosswalk should be considered for each intersection of Spadina Crescent and Russell Street.
2. University Development Site 7 should consider adding to the tradition of courtyard buildings on campus by creating a central outdoor courtyard in the Circle. Access to the courtyard should occur along the Russell Street alignment and provide a cross-circle pedestrian route.
3. The eastern outside edge and the entire inside edge of Spadina Circle should be planted with deciduous street trees to restore the urban forest that once existed in this area. Adjustments to the pavement of the eastern outside edge should include a wider sidewalk and additional tree planting locations. The eastern intersection of Russell Street and Spadina Crescent should receive a Marker to signal the entry to the campus, possibly as a public art installation.
4. Russell Street should be programmed for a new road cross section, pedestrian system and street tree planting or street landscaping plan to improve the pedestrian amenity and contribute to a distinctive streetscape for the West Campus streets. Modifications should consider a reduction of the travel-way of the street and the possible one-way routing of automobiles.
5. The intersection of Huron and Russell Streets should be reconfigured as a continuous street plaza and raised to form a traffic table to favour pedestrians. Automobile traffic should be contained by bollards.
6. Huron Street should be programmed for a new road cross section, pedestrian system and street tree planting or street landscaping plan to improve the pedestrian amenity and contribute to a distinctive streetscape for the West Campus streets. Modifications should consider a reduction of the travel-way of the street and the possible one-way routing of automobiles.
7. The termination of Russell Street at St. George Street should be treated as a landscaped walkway through to the back of Simcoe Hall. A similar walkway should be created along the west wall of Simcoe Hall to improve pedestrian connections and create an attractive foreground for the view of the Convocation Hall dome.
8. A landscaped walkway between Knox College and the north wall of University Development Site 10 should enhance the connection between the University Visitor Centre and St. George Street and the new walkways in items 7 and 9 of this Demonstration Site.
9. Galbraith Road should be reconfigured to allow one-way automobile traffic from King's College Road westbound and developed as a fully landscaped pedestrian route from St. George Street to Convocation Hall. This will allow for the development of a car-free Convocation Hall Plaza as described in Demonstration Site 2.
10. Russell Street should be considered for public art installations to enhance the aesthetics of the corridor. Suggested locations include the eastern intersection of Russell Street and Spadina Crescent, three locations in the Huron and Russell Streets intersection, and at the termination of Russell Street at St. George Street within the landscaped walkway to Simcoe Hall.
11. A landscape plan for the McLennan Physical Laboratories Building terrace facing Russell Street should be undertaken to integrate it with the improvements to Russell Street.

Drawing DS6-3: Detailed Master Plan Concept

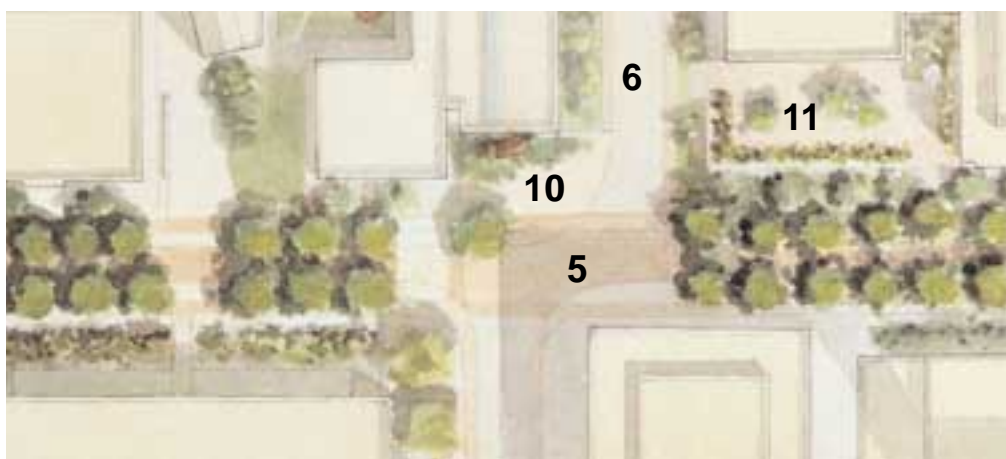


Demonstration Site 6: Spadina Circle - Russell Street

Drawing DS6-4: Spadina Circle - Russell Street Master Plan Concept



Russell Street and Spadina Circle, a distinct landmark for both the campus and city, should be enhanced as a significant east-west pedestrian corridor and gateway to the West Campus.

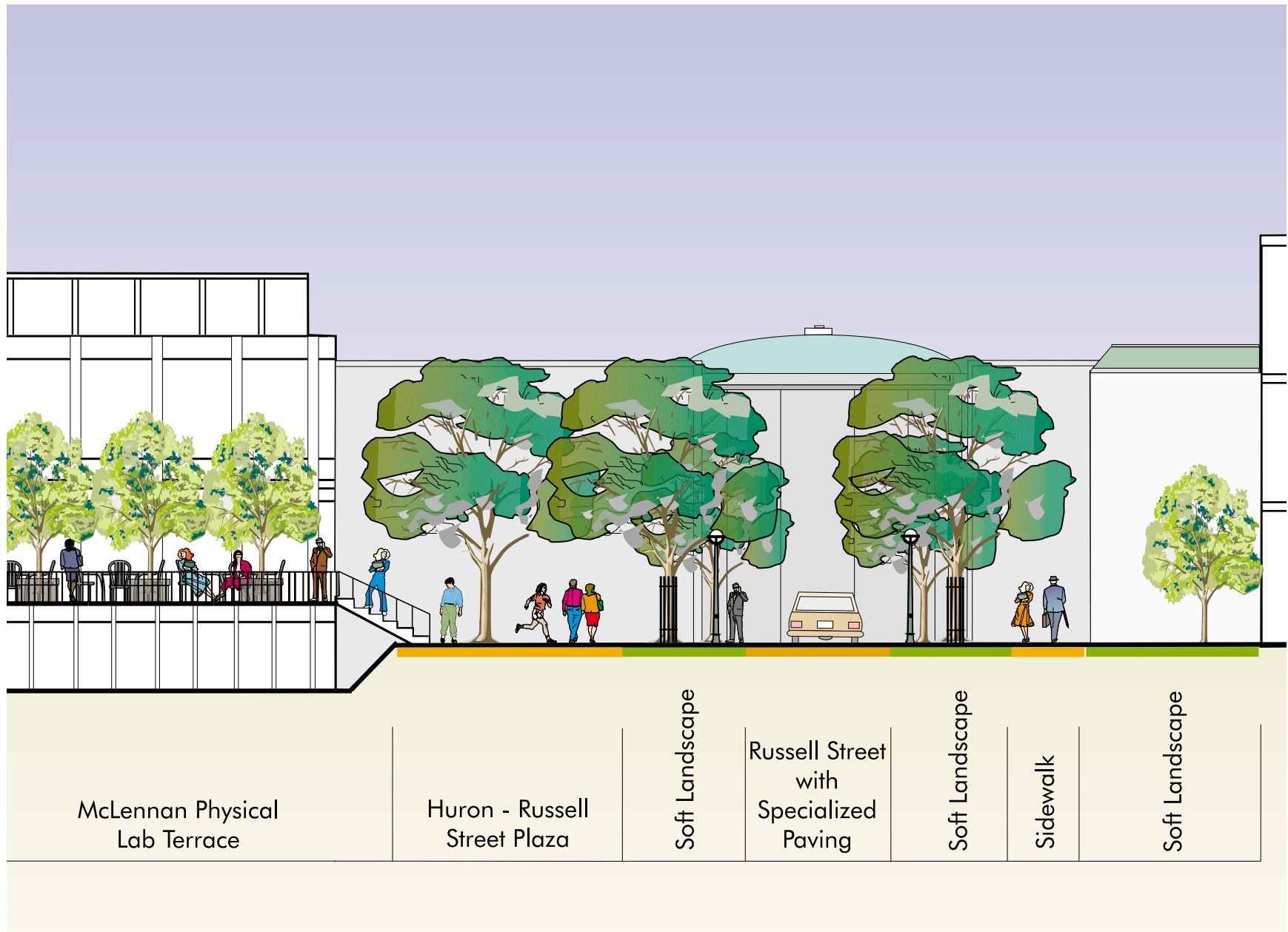


The Huron and Russell Street intersection should be reconfigured as a continuous pedestrian plaza.



The termination of Russell Street at St. George Street should be treated as a landscaped walkway.

Drawing DS6-5: Proposed Russell Street Cross Section



Drawing DS6-6: Proposed Spadina Crescent Cross Section

3-58

UNIVERSITY OF TORONTO OPEN SPACE MASTERPLAN 1999

