

Minutes of a meeting of Senate held on the above date at 1:30 p.m. in the Senate Chamber, Room E3-262 Engineering and Information Technology Complex

Members Present

Dr. D. Barnard,
Chair
Dr. C. Adams
Prof. C. Anderson
Prof. G. Anderson
Prof. John
Anderson
Prof. Judith
Anderson
Prof. B. Austin-Smith
Dean S. Baum
Dean J. Beddoes
Dean M. Benarroch
Prof. R. Bhullar
Prof. P. Blunden
Prof. T. Booth
Prof. M. Brabston
Prof. D. Brewin
Prof. F. Burczynski
Prof. J. Carlberg
Prof. T. Chen
Prof. N. Cicek
Recteur G. Csepregi
Prof. R. Currie
Prof. P. Dass
Dean N. Davies
Prof. R. Desai
Dean J. Doering
Prof. M. Domaratzki
Dean E. Etcheverry
Acting Dean
H. Frankel
Prof. J. Gilchrist
Prof. R. Hechter
Dean G. Hepburn
Prof. P. Hess
Prof. D.
Hiebert-Murphy
Prof. J. Honeyford
Prof. J. Hughes
Prof. P. Hultin
Ms. M. Ishida
Ms. L. Johnson
Ms. M.-A. Kandrack

Ms. I. Kaur
Dr. J. Keselman
Ms. A. Kilgour
Mr. J. Kopp
Ms. H. Loewen
Prof. S. Logsetty
Prof. D. MacPherson
Prof. S. McClement
Ms. J. McConnell
Mr. B. Mahatoo
Ms. K. Marcynuk
Dean J. Mulvale
Dean B. O'Connell
Prof. D. Oliver
Dr. C. Ould Moulaye
Prof. T. Peter
Mr. H. Piyadasa
Ms. A. Prychitko
Prof. M. Rastegar
Ms. C. Reitano
Prof. G. Restall
Mr. C. Rivera
Ms. A. Robert
Ms. M.-J. Romaniuk
Prof. A. Schultz
Dr. H. Secter
Prof. B. Shay
Mr. R. Sherbo
Ms. G. Sidhu
Prof. H. Singh
Ms. S. Tappia
Dean J. Taylor
Prof. C. Trott
Dean L. Turnbull
Ms. R. van Ginkel
Prof. D. Walker
Prof. B.-C. Wang
Prof. D. Watt
Dean K. Wittenberg
Mr. J. Leclerc,
University Secretary
Dr. S. Coyston,
Recording
Secretary

Assessors Present

Ms. O. Alaka
Dr. J. Blatz
Dr. D. Collins
Ms. A. Ducas
Ms. R. Kunzman
Prof. K. Matheos
Prof. J. Morrill
Dr. J. Ristock
Dr. M. Torchia

Regrets

Mr. J. Adams
Prof. O. Botar
Prof. A. Calder
Dean E. Dawe
Mr. S. Dorge
Ms. S. Dveris
Mr. G. Farthing
Prof. G. Fitzell
Prof. M. Gabbert
Ms. S. Gottheil
Dean N. Halden
Dr. D. Jayas
Mr. J. Kearsey
Mr. P. Kochan
Prof. L. Landrum
Prof. D. McMillan
Prof. A. McNicol
Dean D. Mandzuk
Mr. N. Marnoch
Prof. A. Menkis
Ms. C. Plumton
Prof. D. Polyzois
Dean B. Postl
Prof. C. Roche
Prof. A. Schwann
Prof. G. Smith
Mr. G. Sobie
Dr. D. Stewart
Prof. R. Tate
Mr. Q. Watt

Absent

Mr. J. Arcega
Ms. P. Bachewich
Prof. R. Biscontri
Mr. M. Bourrier
Very Rev. R. Bozyk
Dean. D. Brown
Prof. M. Campbell
Prof. P. Cattini
Prof. D. Churchill
Prof. B. Elias
Prof. R. Eni
Prof. T. Falkenberg
Prof. D. Funk
Ms. M. Furgale
Prof. G. Giesbrecht
Dr. G. Glavin
Prof. B. Hallman
Dean A. Iacopino
Prof. W. Kinsner
Mr. B. McMechan
Ms. T. McVannel
Mr. K. Mann
Mr. S. O'Connor
Ms. E. Popowich
Ms. A. Roscoe
Mr. S. Sinclair
Prof. D. Smyth
Dean R. Stern
Ms. H. Teklemariam
Ms. D. Young

Also Present

Ms. C. Davidson
Ms. A. Domingo
Ms. R. Dupuis
Mr. A. Gomez-Palacio
Mr. J. Hildebrand
Ms. M. Laing
Ms. K. Legris
Ms. J. Rosenberg
Ms. V. Shantz
Mr. W. Swanton

Also Present (continued)

Mr. D. Terrazas
Ms. S. Utsunomiya
Ms. M. Watson

The Chair informed Senate that the speaker of the Senate Executive Committee was Professor John Anderson, Faculty of Science.

The Chair welcomed newly elected and re-elected Senators.

The committee agreed to move item V (2) Visionary (re)Generation Draft Campus Master Plan for the Fort Garry Campus to the end of the agenda, to accommodate the presenters.

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate Committee on Honorary Degrees [May 19, 2015]

In keeping with past practice, the minutes of these agenda items are not included in the circulated minutes but appear in the original minutes, which are available for inspection by members of Senate.

II ELECTION OF SENATE REPRESENTATIVES

1. To the Senate Executive Committee

Page 5

The Chair said an election was required to fill a vacancy for a faculty representative on the Senate Executive committee. One representative was required, for a two-year term, to replace Professor Ivanco for the remainder of her term, which expires on May 31, 2017, as Professor Ivanco will no longer be a Senator.

The University Secretary opened nominations.

On a motion duly moved and seconded, Professor Gabbert (Arts) was nominated.

On a motion duly moved and seconded, nominations were closed.

Professor Gabbert was declared **ELECTED** to the Senate Executive for a two-year term ending May 31, 2017.

2. Election of a Student Member to the Senate Executive Committee

Page 6

The Chair reminded Senators that the composition of the Senate Executive Committee provides for a member elected by the students to be a member of Senate. There is also provision for one assessor member chosen by and from the student Senators.

Mr. Kopp MOVED, on behalf of the Student Senate Caucus, nominating Ms. Katherine Marcynuk to serve as the voting member on the Senate Executive Committee.

CARRIED

Mr. Kopp informed Senate that Ms. Allison Kilgour had been appointed to serve as the student assessor on Senate Executive.

III MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. **Reports of the Executive Committee of the Faculty of Graduate Studies on Course and Curriculum Changes**
 - a) **RE: Departments of Biochemistry and Medical Genetics, Environment and Geography, Civil Engineering, Electrical and Computer Engineering, Community Health Sciences, and History [May 21, 2015]** Page 7
 - b) **RE: Asper School of Business** Page 16
2. **Report of the Senate Committee on Approved Teaching Centres RE: Cross-Registered Courses and Instructors for 2015-2016** Page 17
3. **Report of the Senate Committee Curriculum and Course Changes RE: Program Modifications, Bachelor of Human Ecology in Family Social Sciences** Page 20
4. **Academic Regulations for Textile Sciences Programs** Page 24
5. **Report of the Senate Committee on Medical Qualifications RE: Dr. Felipe Borlot** Page 26

The Chair noted that Dr. Borlot's *curriculum vita* had been made available for inspection by members of Senate in the Office of the University Secretary and in the Dean's Office, College of Medicine, prior to the meeting.

Professor Anderson MOVED, on behalf of the Senate Executive Committee, THAT Senate approve:

- **the Reports of the Executive Committee of the Faculty of Graduate Studies on Course and Curriculum Changes**
 - **RE: Departments of Biochemistry and Medical Genetics, Environment and Geography, Civil Engineering, Electrical and Computer Engineering, Community Health Sciences, and History [May 21, 2015];**
 - **RE: Asper School of Business [June 3, 2015];**
- **the Report of the Senate Committee on Approved Teaching Centres RE: Cross-Registered Courses and Instructors for 2015-2016;**
- **the Report of the Senate Committee Curriculum and Course Changes RE: Program Modifications, Bachelor of Human Ecology in Family Social Sciences;**
- **Academic Regulations for Textile Sciences Programs;**

- the Report of the Senate Committee on Medical Qualifications RE: Dr. Felipe Borlot.

CARRIED

IV MATTERS FORWARDED FOR INFORMATION

1. **Report of the Senate Committee on Awards – Part A [May 12, 2015]** Page 27

2. **In Memoriam: Dr. David Lawless** Page 50

Dr. Adams offered a tribute to Dr. David Lawless, who had held an appointment in the Department of Psychology, Faculty of Arts, from the 1960s through the 1990s, and who had served as the first lay Rector of St. Paul's College. Dr. Lawless will be remembered for having dedicated his professional life to post-secondary education in Canada, and particularly to the promotion and enhancement of Catholic post-secondary education.

3. **In Memoriam: Dr. Nicholas Tavuchis** Page 51

Professor Peter offered a tribute to Dr. Nicholas Tavuchis, who had joined the University of Manitoba in 1975 and had served in the Department of Sociology, Faculty of Arts, until his retirement in 1999. Dr. Tavuchis's scholarship is best exemplified by his book *Mea Culpa: A Sociology of Apology and Reconciliation*, which is seen as a seminal work in the contemporary study of apology and reconciliation.

4. **Report of the Senate Committee on Curriculum and Course Changes RE: Annual Update on Academic Program Listings** Page 52

5. **Request for Suspension of Admissions to the Post-Baccalaureate Diploma in Agrolgy** Page 55

6. **Request for Suspension of Admissions to the Master of Arts in Icelandic Language and Literature** Page 59

The Chair referred members two requests to suspend admissions; one from the Dean, Faculty of Agricultural and Food Sciences, to suspend admissions to the Post-baccalaureate Diploma and Agrolgy, for a period of twelve months, and the second from the Vice-Provost (Graduate Education) and Dean, Faculty of Graduate Studies, to suspend admissions to the Master of Arts in Icelandic, with a commitment to review the decision after one year. The requests were provided to Senate for consultation prior to the President making a decision on the request.

V REPORT OF THE PRESIDENT

1. **President's Report** Page 62

3. Update on the Capital Campaign

Mr. Kearsey provided an update on the capital campaign.

Mr. Kearsey circulated copies of the campaign case for support, "Take your Place – Front and Centre, The Campaign for the University of Manitoba," at the meeting. A copy of the document is not included with the circulated minutes but is appended to the original minutes. Mr. Kearsey said the Council for Advancement and Support of Education (CASE) had awarded the University the 2015 Grand Gold award for the publication, for best of campaign support documentation.

Mr. Kearsey said the University had produced a video to share with donors that makes a case for support by describing how the University would use \$500 million and the impact it would have at the institution. He said Senators would be provided with a web link so they might view the video online.

Mr. Kearsey identified five priority areas that would be supported through the capital campaign: Indigenous support, graduate student support, places and spaces, undergraduate student experience and support, and research.

Mr. Kearsey reviewed the membership of the President's Campaign Team, which includes Chancellor Sector, as Honorary Campaign Chair, and Mr. Paul Soubry, as Campaign Chair. The Campaign Team meets several times each year to discuss the campaign and its members are actively involved in soliciting gifts for the University.

Mr. Kearsey said contributions would be sought from government, the private sector, alumni, and staff. The University wants to engage its alumni in philanthropy and has set a target of 20 percent participation by alumni, of which there are 131,000 around the world. Contributions already received toward the campaign are ahead of projections for where the University had hoped to be at this point in time.

Mr. Kearsey said there would be a public launch of the campaign on October 3, 2015. The announcement will be made during Homecoming, at the halftime show during a Canadian Football League game between the Winnipeg Blue Bombers and the Edmonton Eskimos, at Investors Group Field, when people in the community would be invited to take their place, front and centre in supporting the campaign. Faculty and staff are encouraged to participate.

Mr. Kearsey said that, following the campaign launch, the University would continue to: focus on major gift solicitations with alumni, grow the annual giving program, invite staff to participate in the annual staff giving campaign, increase alumni engagement. Two programs to be introduced in the fall would facilitate alumni engagement, a new series of Visionary Conversations, to be held on campus and in the community, and a Senior Alumni Program, which would involve a series of lecture topics for alumni over the age of sixty.

Mr. Kearsey said the University has the following things in place, which are necessary to undertake a major capital campaign: a case for support; internal

alignment; volunteer leadership; staff resources; processes and systems; a prospect pool; robust major, annual, and planned giving programs; the ability to tell the story of the impact of people giving, through the University's stewardship program; and a culture of philanthropy, as reflected by strong participation rates among faculty, staff, and alumni.

Mr. Kearsey encouraged faculty to participate in the campaign with enthusiasm, as the community would look to see how members of the University react to the campaign.

Professors Wang and Desai complimented Mr. Kearsey on planning that had been done toward launching the campaign. Professor Wang asked if the University should be optimistic about a major contribution from the provincial government given the current climate of fiscal restraint. Observing that a provincial election is expected within the next year, which raises the possibility for a different government, he asked how this might impact the University's strategy with respect to soliciting government support for the campaign. Mr. Kearsey said the University had initiated conversations with the provincial government regarding its commitment to the campaign more than two years ago. A feasibility study that involved broad consultations with the community showed that it would be necessary to have government support if the University were to set a \$500 million campaign target. At meetings with various ministers in recent months, the University has received only positive feedback on the campaign, which suggests that the planned targets are appropriate. Mr. Kearsey said that, different from government grants for operating funds, support for the campaign can be dispersed over a longer period of time, which the government might leverage during its election campaign. He noted that members of the President's Campaign Team have also been advocating to government, on the University's behalf, to communicate the importance of the campaign for the University and the province. Regarding the possibility that an election might result in a different government, Mr. Kearsey said the University has met with members of opposition parties to introduce them to, and seek their support for, the capital campaign.

Professor Desai asked about initiatives that the government is being asked to support. Mr. Kearsey replied that, in addition to the five campaign priorities, each faculty and school has created a case for support that identifies the projects the faculty/school wants to fund through the campaign. In meetings with the province, the University calls attention to planned initiatives that align with the government's own priorities, which are identified in the throne speech each year.

Dr. Barnard indicated that Senate would receive periodic updates as the capital campaign proceeds.

VI QUESTION PERIOD

Senators are reminded that questions shall normally be submitted in writing to the University Secretary no later than 10:00 a.m. of the day preceding the meeting.

No questions were received.

**VII CONSIDERATION OF THE MINUTES
OF THE MEETING OF MAY 13, 2015**

Dean Doering MOVED, seconded by Dean Etcheverry, THAT the minutes of the Senate meeting held on May 13, 2015 be approved as circulated.

CARRIED

VIII BUSINESS ARISING FROM THE MINUTES

1. Consideration of the Minutes of the Meeting of April 1, 2015

The Chair recalled that the minutes of the April 1st meeting had not been adopted at the last meeting. Senate had asked that the minutes be revised to include more of members' comments concerning the discussion of item X (I). He noted that, in a covering memo to the minutes, the University Secretary had responded, first, to a suggestion that members' verbatim comments should be included in the minutes and, second, to a question of whether a request to read a statement into the record would be in order.

Mr. Leclerc reviewed a number of suggestions for amendments that had been submitted by Professor Gabbert prior to the meeting.

On page 10, the first two sentences of the final paragraph were revised to read:

Professor Gabbert took the view that the Administration's response to the CAUT Report on the Department of Economics is problematic in several respects. First, he asserted that the focus on the lack of jurisdiction of the CAUT in matters covered in the Report is a red herring, given that the CAUT has never claimed any administrative or other jurisdiction over a university.

On page 11, the sentence that begins on line 15 was revised to read: "He pointed out that CAUT investigators could not rely on evidence provided by unknown authors." In the same paragraph, the next ensuing sentence was revised to read:

Professor Gabbert observed that, like journalists, CAUT investigators cannot compel anyone to give evidence and so must sometimes rely on witnesses who will only do so on the condition that they not be named, particularly where an intimidating climate that discourages openness may exist.

On page 11, the second sentence of the final paragraph was revised to read:

He observed that, notwithstanding this, Administration has asked Senate to reject the CAUT Report as flawed, because some of those who had given testimony were not named, and to believe that the conflict between the orthodox and heterodox approaches is somehow artificial or contrived.

On page 12, the final sentence of the first paragraph was revised to read: “He asserted that, to reject this principle as an illegitimate broadening of the notion of academic freedom is not acceptable.”

Professor Hultin MOVED, seconded by Professor Booth, THAT the minutes of the Senate meeting held on April 1, 2015 be approved as amended.

CARRIED

**IX REPORTS OF THE SENATE EXECUTIVE COMMITTEE
AND THE SENATE PLANNING AND PRIORITIES COMMITTEE**

1. Report of the Senate Executive Committee Page 69

Professor John Anderson said the Executive Committee met on June 10, 2015. Comments of the committee accompany the reports on which they were made.

**2. Report of the Senate
Planning and Priorities Committee**

Ms. Ducas said the Senate Planning and Priorities had completed its deliberations on a proposal for a Master of Science in Genetic Counselling. She reported that the committee had provided feedback on a draft policy and procedure on Admission Targets.

**X REPORTS OF OTHER COMMITTEES OF SENATE,
FACULTY AND SCHOOL COUNCILS**

**1. Report of the Senate Committee on Awards –
Part B [May 12, 2015] Page 70**

Professor Hultin referred members to a proposal to establish the Indigenous Leader of Tomorrow Entrance Scholarships. He informed Senators that the University currently offers Leader of Tomorrow Entrance Scholarships to outstanding undergraduate students entering the University. The Indigenous Leader of Tomorrow Entrance Scholarships would have the same selection criteria would but would be directed to Indigenous students. Three scholarships would be offered annually. These would be in addition to the general Leader of Tomorrow Entrance Scholarships.

Professor Hultin said the Jeff Kushner and Randall McGinnis Scholarship would encourage LGBT undergraduate students in the Faculty of Engineering, who the donors regard as having faced certain barriers because of the culture within the discipline of engineering. He noted that the scholarship would be the first of its kind at the University and perhaps elsewhere. Professor Hultin said it is significant that, when the award proposal had been considered by the Senate Committee on Awards, it had been regarded as “business as usual”.

Professor Hultin MOVED, on behalf of the committee, THAT Senate approve and recommend to the Board of Governors the Report of the Senate Committee on Awards – Part B [dated May 12, 2015].

CARRIED

2. **Faculty of Engineering Proposal for an Articulation Agreement, University of Manitoba, Bachelor of Science Degrees in Engineering – UCSI University, Bachelor of Engineering (Honours) Degrees** Page 87

Dean Beddoes said the proposed articulation agreement between the University of Manitoba, Faculty of Engineering, and UCSI University, in Malaysia, would formalize a transfer agreement that the Faculty has had with UCSI University for the last twenty-three years. He referred members to the proposal for the history of the agreement. Dean Beddoes said that, since its inception, almost 200 students have graduated from Engineering as a result of the transfer agreement. Prior to 2008, when UCSI University began to offer a full undergraduate engineering program, fifteen to twenty students transferred to the University of Manitoba each year. Since then, three to five students transfer to Engineering programs at the University each year.

Dean Beddoes said the Coordinator, International Programs, in the Faculty of Engineering, who is familiar with Engineering programs offered at UCSI University, ensures that all transfer students from UCSI University meet the academic requirements for admission to the Faculty and that, upon graduation, they have completed the curriculum requirements of the Faculty's external accrediting body. He said most students transfer to the Faculty having completed twenty-two courses at UCSI University out of a total of forty-five or forty-six courses that students must complete toward an Engineering degree at the University of Manitoba.

- a) **Report of the Senate Committee on Admissions** Page 109
- b) **Report of the Senate Committee on Curriculum and Course Changes** Page 110
- c) **Report of the Senate Planning and Priorities Committee** Page 112

The Chair noted that neither Ms. Gottheil nor Professor Smith were available for the meeting.

Ms. Ducas observed that transfer students from UCSI University admitted to the Faculty of Engineering would not take spaces that would otherwise be filled by students from Manitoba. She said the Faculty has indicated that additional resources would not be required to support the articulation agreement.

Ms. Ducas MOVED, on behalf of the committees, THAT Senate approve the proposal for an Articulation Agreement between the University of Manitoba, Bachelor of Science in Engineering Degrees,

and UCSI University, Bachelor of Engineering (Honours) Degrees, effective upon approval by Senate.

Speaking on behalf of Professor Churchill, who was not available to attend, and reminding Senate that it had just approved the establishment of the Jeff Kushner and Randall McGinnis Scholarship for LGBT students in the Faculty of Engineering, Professor Chen suggested that, when Senate considers proposals for international articulation agreements, it should take into consideration the University's commitment to human rights and social justice and the human rights record of countries in which articulation agreements would be established. Observing that Malaysia has laws that make it illegal to engage in same-sex acts and that human rights violations related to issues of sexuality in Malaysia are well-documented by both the United Nations and Human Rights Watch, Professor Chen said the violation of human rights should not be an issue on which the University remains silent or one that should be seen as being secondary to the articulation agreements themselves. Professor Chen acknowledged that the agreement with UCSI University is a longstanding one and said there are no concerns with respect to the curriculum. She said Professor Churchill's intent was not to speak against the proposed articulation agreement, but to remind Senate of the University's commitment to human rights and social justice.

CARRIED

3. Report of the Faculty Council of Graduate Studies on Regulation Changes RE: Revisions to Academic Guide and English Language Proficiency Requirements

Page 114

Referring to pages 114 – 116 of the agenda, Dean Doering said a statement would be added to the Academic Guide to make explicit a long-standing practice that, under normal circumstances, members of the Advisory Committee will hold a degree commensurate to the one they are supervising.

Referring to a proposal to amend the English language proficiency requirements, Dean Doering recalled that, at the June 2013 Senate meeting, when the minimum TOEFL iBT score required for admission to undergraduate studies at the University had been increased to 86, he had pledged to review the same requirement for admission to graduate studies. The proposed change would bring the minimum required TOEFL iBT score for admission to graduate studies into line with that for undergraduate studies.

Dean Doering proposed a further amendment to the TOEFL iBT requirements, to require, in addition to a minimum overall score of 86, a score of at least 20 in each section of the test - speaking, listening, reading, and writing. He said he had been reminded at Senate Executive that the initial proposal is silent on this.

Dean Doering MOVED, seconded by Professor Chen, THAT Senate approve the Report of the Faculty Council of Graduate Studies on Regulation Changes concerning revisions to the Academic Guide and English

Language Proficiency Requirements, as amended, effective September 1, 2015.

Professor Blunden observed that the purpose of minimum English language proficiency requirements for admission is not related to academic standards or intellectual ability. The requirement only serves to ensure that students whose native language is not English can function in the classroom and succeed in their program of study at the University. He observed that, once students are admitted and they are immersed in an English language environment, their English language skills improve.

Professor Blunden raised concerns that the proposal provides no evidence that the current requirement for a minimum overall score of 80 on the TOEFL iBT is not adequate and that the only motivation to increase the minimum requirement is to bring it into line with the median for the U15. He suggested that the current requirement is sufficient for graduate programs in Physics.

Professor Blunden suggested that there should not be one minimum standard for English language proficiency that applies to all graduate programs, as not all programs require the same level of proficiency. He cited other institutions, including the University of British Columbia and the University of Waterloo, where faculties of graduate studies (or equivalent) have established general minimum English language proficiency requirements for graduate programs but have also allowed particular departments or programs to set higher or lower minimum requirements according to the needs of the departments/programs. He observed that although the proposal indicates that forty-six students admitted in 2013 and 2014 were admitted with TOEFL iBT scores below 86, there is no information about which programs the students are in, so it is not possible to know whether they are registered in a range of programs or concentrated in only a few.

Professor Blunden suggested that the Faculty of Graduate Studies is too dogmatic in its enforcement of English language proficiency requirements. He proposed that departments should be granted some flexibility to make arrangements for applicants, who are close to meeting this requirement, to undertake a program to improve their English language skills so they could attain admission to the Faculty. He noted that, at the University of Waterloo, these students would have the option of completing one or two terms in a bridge program during which time they would be immersed in an English language environment and following which they can transition into the university.

Dean Doering reiterated that amendment to the TOEFL iBT requirement is intended to establish a minimum requirement for applicants to graduate programs that is equivalent to the existing requirement for undergraduate applicants. He acknowledged that a TOEFL iBT score of 80 might indicate that a student is prepared to enter some graduate programs. It does not necessarily reflect that a student is sufficiently prepared to complete their program, however. He said Graduate Studies has observed an increased number of failures at the point at which students submit their thesis, as the level of writing is not acceptable. Dean Doering said it does not benefit students to admit them with a TOEFL iBT score of 80 and then impose a higher standard of English language proficiency within the program.

Dean Doering noted that the English Language Centre and Continuing Education offer English language programs. He said Graduate Studies commonly recommends the Advanced English Proficiency for University and College Entrance (AEPUCE) program to graduate applicants who present a low TOEFL score so they can increase their English language skills.

The motion was **CARRIED**.

4. Reports of the Faculty Council of Graduate Studies on Program and Curriculum Changes

a) RE: Asper School of Business

Page 119

Dean Doering said the Asper School of Business is proposing an international exchange program for students in the Master of Business Administration (M.B.A.). Full- and part-time students in good academic standing who have completed at least 21 credit hours toward their M.B.A. would be eligible to go on exchange, for one term, only once during their program. While on exchange, students would be required to complete a minimum of 9 credit hours and up to a maximum of 12 credit hours of courses, which would be eligible for transfer credit. Dean Doering said institutions with which the Asper School of Business would establish graduate exchange programs would be jointly approved by the Asper School and the Faculty of Graduate Studies. He said that, normally, students would not be permitted to go on exchange in their home country.

Dean Doering MOVED, seconded by Dean Benarroch, THAT Senate approve the Report of the Faculty Council on Program and Curriculum Changes concerning the Asper School of Business, effective September 1, 2015.

CARRIED

b) RE: Department of Soil Science

Page 122

Dean Doering said the Department of Soil Science is proposing to modify the curriculum of its Doctoral program, to clarify that a student who had completed SOIL 7220 – Principles of Scientific Research and Communication in the Master's program would be required to complete only 6 credit hours of coursework in the Doctoral program. Otherwise students are required to complete 9 credit hours for the Ph.D. program.

Dean Doering MOVED, seconded by Dean Wittenberg, THAT Senate approve the Report of the Faculty Council on Program and Curriculum Changes concerning the Department of Soil Science, effective September 1, 2015.

CARRIED

c) RE: Proposal for a Master of Science in Genetic Counselling

Page 126

Dean Doering said there are only three Master's programs in genetic counselling in Canada, at the University of British Columbia, McGill

University, and the University of Toronto, and thirty-one such programs in the United States. He said the proposed program would respond to a demand for genetic counsellors in the province. He noted that; in 2012, the Winnipeg Regional Health Authority Program of Genetics and Metabolism saw more than 6,000 patients.

Dean Doering said admission to the proposed program would require a four-year Bachelor of Science degree, with coursework in genetics and psychology and a minimum 3.7 Grade Point Average in the previous 60 credit hours of study. The two-year program would require that students complete 31 credit hours of coursework, including two 4 credit hour clinical rotations.

Dean Doering said the proposal includes four course introductions (14 credit hours) that would result in a net increase of 8 credit hours of course offerings in the Department of Biochemistry and Medical Genetics.

i) **Report of the Senate Planning and Priorities Committee** Page 129

Ms. Ducas said the proposed M.Sc. in Genetic Counselling would be a two-year professional program subject to accreditation standards, with enrolment limited to three students per year. The total cost of offering the program would be \$167,159 each year, which would be covered with tuition revenue (85 percent = \$73,440), a reallocation of baseline operating funds within the Department to support one 1.0 FTE academic position for a Program Director, including salary, benefits, and a stipend (\$142,043), and in the first year (Year 0), a departmental allocation of \$12,700 in funds from Manitoba Health, Healthy Living, and Seniors.

Ms. Ducas said the Senate Planning and Priorities Committee (SPPC) had noted that the cost of the program would be significant given the small number of students. The committee recognized that the requirement of the American Board of Genetic Counseling (ABGC) for a full-time Program Director contributes to the cost of the program. It also took into account the importance of the proposed program to the Department and to the College of Medicine, as signified by the Dean's willingness to reallocate funds to support the position of Program Director. Ms. Ducas said the consensus of the committee was that the academic merit of the proposal was strong.

Ms. Ducas said that, on the basis of the SPPC's criteria for assigning priority to new programs / initiatives, the committee recommends that a high priority level be assigned to the proposal.

Ms. Ducas MOVED, on behalf of the committee, THAT Senate approve and recommend to the Board of Governors a proposal for a Master of Science in Genetic Counselling, in

**the Department of Biochemistry and Medical Genetics,
College of Medicine.**

Professor Gary Anderson asked whether graduates of the proposed program could practice in the United States if the program were to be accredited by the (ABGC). Dean Doering anticipated no, but could not confirm that this would be the case.

CARRIED

5. **Report of the Senate Committee on Admission Appeals** Page 209
RE: Revised Policy and Procedure for the Senate
Committee on Admission Appeals

Dean Mandzuk was not available for the meeting. Mr. Leclerc said the revised policy and procedure for the Senate Committee on Admission Appeals set out current practices that have been in place, for all parties dealing with admission appeals, but were not previously in the policy.

Professor Gary Anderson MOVED, seconded by Acting Dean Frankel, THAT Senate approve the Report of the Senate Committee on Admission Appeals concerning a revised policy and procedure for the Senate Committee on Admission Appeals, effective July 1, 2015.

CARRIED

6. **Reports of the Senate Committee on Admissions**

- a) **RE: Proposal from Enrolment Services to** Page 224
Amend the Blended Entry Template

Ms. Gottheil was not available for the meeting. Dr. Collins reminded Senators that the Blended Entry Template describes two routes for admission to the University, Direct Entry admission based on high school grades and Advanced Entry based on a minimum of 24 credit hours of postsecondary coursework. Recently, it was noted that the template does not set out admission requirements for applicants who have completed fewer than 24 credit hours of postsecondary coursework. Such applicants are currently assessed for admission based on their high school grades. Dr. Collins said Enrolment Services is proposing an amendment to the Blended Entry Template to address this omission. In particular, it is proposing that applicants who have completed fewer than 24 credit hours of coursework be considered for Direct Entry admission provided that they meet the high school admission requirement, are in good academic standing, and have achieved a minimum Cumulative Grade Point Average of 2.0 on their university coursework.

Professor Gary Anderson MOVED, on behalf of the committee, THAT Senate approve the Report of the Senate Committee on Admissions concerning a proposal from Enrolment Services to Amend the Blended Entry Template, effective for the September 2016 intake.

CARRIED

- b) RE: Proposal from the College of Nursing to Amend its Policy regarding Required Courses for Admission**

Page 226

Dr. Collins said the College of Nursing is proposing an amendment to its policy on Required Courses for Admission to the Bachelor of Nursing program. The revised policy would specify that non-nursing courses used to meet the requirements for admission to the B.N. program must have been completed within ten years of admission, and nursing courses must have been completed within five years of admission to the program. The purpose of the amendment is to ensure that transfer courses meet the first-year program requirements of the B.N. program and currency of students' knowledge.

Professor Gary Anderson MOVED, on behalf of the committee, THAT Senate approve the Report of the Senate Committee on Admissions concerning revisions to the policy on Required Courses for Admission to the Bachelor of Nursing, College of Nursing, effective for the September 2016 intake.

CARRIED

- 7. Report of the Senate Committee on Instruction and Evaluation RE: Revised Regulations concerning Academic Assessment and Progression for the B.Comm.(Hons.) Program**

Page 229

Dr. Ristock said the Senate Committee on Instruction and Evaluation had endorsed changes proposed by the Asper School of Business to its rules concerning suspension and reinstatement, for the Bachelor of Commerce (Honours) program. The revised regulations specify that students who exceed 15 credit hours of failures, with a Degree Grade Point Average of 2.0 or higher would be placed on probation and would enter into a Probation Program. Under the current regulation, these students would have been suspended and required to complete a Reinstatement Program. The revised regulations also specify that students who have a Degree Grade Point Average less than 2.0 or who fail two consecutive Probation Programs would be required to withdraw. The amendments are being proposed in response to an increase in the number of Direct Entry students who have Degree Grade Point Averages below 2.0 who are filling spaces in the program that could be filled by Advanced Entry students with higher Degree Grade Point Averages.

Dr. Ristock MOVED, on behalf of the committee, THAT Senate approve the Report of the Senate Committee on Instruction and Evaluation concerning revised regulations on Academic Assessment and Progression for the

Bachelor of Commerce (Honours), I.H. Asper School of Business, effective September 1, 2015.

CARRIED

8. Report of the Senate Committee on Nominations Page 240

Professor Edwards referred members to the Report of the Senate Committee on Nominations for nominations to fill vacancies on various Senate committees.

No further nominations were received.

Professor Edwards MOVED, on behalf of the committee, THAT Senate approve the Report of the Senate Committee on Nominations [dated May 13, 2015].

CARRIED

9. Proposal from the Extended Education Division for a Post-Baccalaureate Certificate in Applied Leadership Page 259

Dean Hepburn said the Post-baccalaureate Certificate in Applied Leadership would be aimed at new and recent university graduates and is expected to attract students from local and domestic markets and internationally. The program would aid students in transitioning to the workplace. It would be developed as an online program but could also be offered in blended and face-to-face formats.

Dean Hepburn thanked the Asper School of Business for input into the refinement of the proposal and said he looks forward to working with the Asper School in the cooperative delivery of the program.

Dean Hepburn MOVED, seconded by Professor Brabston, THAT Senate approve a proposal for a Post-Baccalaureate Certificate in Applied Leadership, Extended Education Division.

CARRIED

V REPORT OF THE PRESIDENT

2. Visionary (re)Generation Draft Campus Master Plan for the Fort Garry Campus

The Chair welcomed Ms. Rosenberg (Founding Principal, Janet Rosenberg and Studio), Mr. Gomez-Palacio (Principal with Dialog), Mr. Swanton (Principal with Janet Rosenberg and Studio), and Ms. Dupuis (Acting Director, Campus Planning and Real Estate Office).

Ms. Dupuis said the Campus Planning and Real Estate Office had brought forward the Visionary (re)Generation Draft Campus Master Plan for the Fort Garry Campus for Senate's information and comment before a final draft is brought to Senate for approval at a subsequent meeting. She said the current planning phase was initiated in January 2014 following an international design competition. The presentation to Senate is one of several engagement exercises in a broad consultation process that has informed the draft document.

Mr. Gomez-Palacio made a presentation on the draft Visionary (re)Generation Master Plan. A copy of the presentation is appended to the minutes.

Mr. Gomez-Palacio said development of the draft Fort Garry Campus Master Plan has been informed by feedback from the engagement process, principles for indigenization of the campus identified through an Indigenous urban design symposium, and the vision and principles for the Campus Master Plan set out in the Visionary (re)Generation Open International Design Competition, including destination, sustainable, community, connected, transformative, and Indigenous.

Mr. Gomez-Palacio said seven themes had emerged during the engagement process: (i) decisions made and reflected in the Campus Master Plan can set a new tone and direction for the University; (ii) Indigenous stakeholders are important voices in the planning process; (iii) the need to think about specific demographics, including faculty, students, staff, and the broader community of people who use the campus; (iv) the need to consider uses and users of places on the campus, which will link to the quality of the campus experience; (v) the need to direct growth strategically; (vi) the need to enable alternative modes of transportation, including transit, walking and cycling; and (vii) interest in creating a sense of place, identity, and community.

Mr. Gomez-Palacio identified five emerging principles for indigenizing the campus: (i) commit to relationships and listening, (ii) demonstrate culturally relevant design, (iii) respect the Earth, (iv) foster a sense of belonging and community, (v) embrace a seven generations' view.

Mr. Gomez-Palacio said the concept plan illustrates how the campus might be developed over the next several decades. It includes the academic core, with some existing gaps to be developed, further development and completion of SmartPark, and the emergence of residential neighbourhoods in the north and south precincts. The plan identifies two key purposes for non-academic lands. One is to generate revenue and the second is to increase the quality and character of being on campus.

Mr. Gomez-Palacio said the various areas within the built form framework would have different characteristics and land use structures. This framework would include: (i) areas of higher density and mixed use, to build a sense of complete community where people would be able to live, work, and recreate within walking distance; (ii) open areas and spaces; and (iii) residential neighbourhoods. Some higher density, mixed use areas might include high-rise residential structures up to twenty storeys.

Mr. Gomez-Palacio said different areas within the campuses would be connected by a fine-grained open space framework. Streets and trails would form part of the open space system, with connections to the neighbourhoods, the river, and parks, so people could always connect to large open space components. The open space framework takes into account the need to design spaces for winter, to improve the winter experience; for example, by aligning exterior doors on buildings and creating more compact streets to reduce pedestrian travel distances between buildings and by developing year-round trails to be used for cycling in summer and for snowshoeing and skiing in winter.

Mr. Gomez-Palacio said the transportation and circulation framework reflects a renewed commitment to walkability, cycling, and transit, while still accommodating vehicle traffic. The transportation framework would include two main streets, Sifton Rd. and Dafoe Rd., which would be developed as mixed use, high density areas, with retail activities at ground level. They are envisioned as vibrant destinations or centres of activity for people on campus and in the neighbourhoods planned for the north and south precincts. With respect to encouraging transit use, Mr. Gomez-Palacio said planning is occurring with the City of Winnipeg to develop a long-term plan for a transit circulation network that would include bus rapid transit and would locate transit stops so that one could be accessed within 200 metres from any point on campus. The concept plan also envisions an intricate cycling network for commuter and recreational cycling.

Mr. Gomez-Palacio said the transportation and circulation framework contemplates the creation of gateways and entry sequences, using built form, open spaces, art, and signage, to signal people's arrival on the campus and entrances or transitions to the academic core and surrounding neighbourhoods.

Mr. Gomez-Palacio said the first implementation phase, which would occur over the first ten years (2015 – 2025), would focus on improvements in the academic core, development of the two main streets and Sydney Smith Street, initiating development in the north and south precincts making maximum use of existing servicing in these areas, and frontages onto Pembina Highway.

Mr. Gomez-Palacio said sustainable design would focus on doubling the open-space framework and storm water management, including at block and building levels and not only sewers and ponds. In terms of energy, the objective would be to provide reduced consumption and to identify possible strategies for energy generation. As the existing campus system has limited growth potential, discussions have been initiated with Manitoba Hydro to understand the infrastructure requirements and to consider whether there is an opportunity for a district energy plant, particularly in mixed-use areas.

Mr. Gomez-Palacio said the next steps include ongoing engagement with internal and external stakeholders, further investigation of sustainability, transportation, and civil engineering, and moving from the concept plan to a final draft of the document.

Dr. Barnard remarked on the significant amount of input from members of the University community that had been received and incorporated into the concept plan. He underscored that ideas and concepts reflected in the plan are intended to shape planning over the long term, but the specific details, including siting and forms of buildings and phasing, would not necessarily unfold exactly as illustrated in the concept document. Rather, the University would act on opportunities for development and construction as they arise over the next several decades in a way that preserves the integrity of the ideas and concepts described in the plan. Dr. Barnard invited members of Senate to comment on the plan indicating that feedback could also be provided following the meeting.

In response to a question regarding the availability of the draft plan, Mr. Leclerc said the University Secretary's office would provide Senators with a link to the document on the Campus Planning Office's webpage.

Professor Blunden expressed concern about the potential construction of twenty-storey buildings along the river, given concerns previously expressed by residents in existing neighbourhoods surrounding the campus. He asked when the University might apply to the City of Winnipeg for rezoning. Mr. Gomez-Palacio replied that representatives from the University had met with city planners to discuss a timeline for submitting the Fort Garry Campus Master Plan to the City of Winnipeg, so it could have the plan on file as a record of the University's vision for future development. He said that, because rezoning has property tax implications, applications for rezoning would be submitted as required. Mr. Gomez-Palacio said that, while the concept plan identifies a number of locations where multi-storey structures might be built, not every building would be twenty-storeys. The concept plan describes a general approach that proposes the construction of multi-storey buildings around main streets, with building heights decreasing toward neighbourhoods, the river, and the campus perimeter. Mr. Gomez-Palacio said the Campus Planning Office is sensitive to residents' concerns about multi-storey construction along the river.

Mr. Kochan said the Board of Governors had approved, in principle, a proposal from the University to establish a land trust, which would run commercial activities proposed for the planned neighbourhood precincts.

Observing that some members of the public oppose the city's plans for rapid transit, Professor Hultin suggested that it would be important for the University to attempt to insert some data into the discussion, to counter a misperception that rapid transit would serve only a small, elite group who live in south Winnipeg. He noted that more than 30,000 people travel to the campus each day, using various modes of transportation. Winnipeg Transit provides routes for students and staff to access the Fort Garry Campus from all parts of the city, including the Kildonans, Transcona, and the Maples. Dr. Barnard said the University has been actively involved in conversations with the city about transit for some time. That engagement has shaped decisions taken, including the location of the south terminus of the route and the order in which things would be built, which will serve the University well.

Professor Hultin commented on the need to take into account the needs of people with disabilities to access and navigate in the various precincts planned for the Fort Garry Campus. He remarked that, currently, there are very few places, particularly for casual visitors to the campus, to bring accessible vehicles close to resources on the campus.

Professor Wang observed that the population of Manitoba would increase over the next several decades in which the plan would be in place. He asked whether this had been taken into account and whether there would be sufficient space left open for future development, including for the construction of new buildings. He asked, in particular, whether it is necessary to develop the Southwood Lands in the short-term, or whether these lands should be left open for future development. Mr. Gomez-Palacio said the concept plan does take into account

growth projections for the City of Winnipeg for the next forty years, as well as the University's goals with respect to enrolment, as set out in its strategic plan. He said that significant area would remain undeveloped for future growth and development opportunities, although these areas are not indicated in the concept plan.

The Chair thanked Mr. Gomez-Palacio, Ms. Rosenberg, and Mr. Swanton for the presentation.

XI ADDITIONAL BUSINESS - none

XII ADJOURNMENT

The meeting was adjourned at 3:28 p.m.

These minutes, pages 1 to 21, combined with the agenda, pages 1 to 288, a copy of Front and Centre: The Campaign for the University of Manitoba, and the presentation on the Draft Visionary (re)Generation Master Plan, comprise the minutes of the meeting held on June 24, 2015.

University of Manitoba Senate Presentation

June 23rd, 2015

VISIONARY
(re)GENERATION
**MASTER
PLAN**



UNIVERSITY
OF MANITOBA

Janet
Rosenberg
& Studio

Cibinel Architects

DIALOG





- MASTER PLANNING:** campus plan goal
what we've heard so far
vision and principles
- CONCEPT PLAN:** frameworks
- CORE CAMPUS:** concept plan development
- IMPLEMENTATION:** making the vision a reality
sustainability
next steps

THE MASTER PLAN

campus plan goal:

To:

*“...improve the **campus experience** and become a **leader in innovative and sustainable design**. This will help the University better attract and retain students and faculty, while supporting its vision to be nationally and internationally recognized for excellence in teaching and research, innovation and creativity.”*

WHAT WE'VE HEARD

what we've heard...:

- **U of M is at a crossroads**
- **Indigenous stakeholders require a process that listens and a campus that empowers**
- **Need to identify and target specific demographics** (millennials; empty-nesters; Indigenous, graduate, and international students; incubating businesses...)
- **Need to create places to integrate uses and users** (UofM, Smartpark,...)
- **Need to direct growth strategically to maximize revenue and synergies**
- **Need to reprioritize modes of transportation:** transit, walking, cycling, driving
- **Thirst for a renewed sense of place, identity, and community**

Indigenous urban design symposium: **‘COMING TO A COMMON PLACE’**



5 emerging principles for Indigenization

- 1. Commit to Relationships and Listening**
- 2. Demonstrate Culturally Relevant Design**
- 3. Respect the Earth**
- 4. Foster a Sense of Belonging and Community**
- 5. Embrace a Seven Generation's View**

VISION & PRINCIPLES

principles:

- Destination:** Reasons to Come and Reasons to Stay
- Sustainable:** Campus as a Living Lab
- Community:** Build for Density, Design for People
- Connected:** Network the Campus, Connect to the City
- Transformative:** Research, Learning, Working and Living
- Indigenous:** Weave Culture into Campus Design and Planning

CONCEPT PLAN

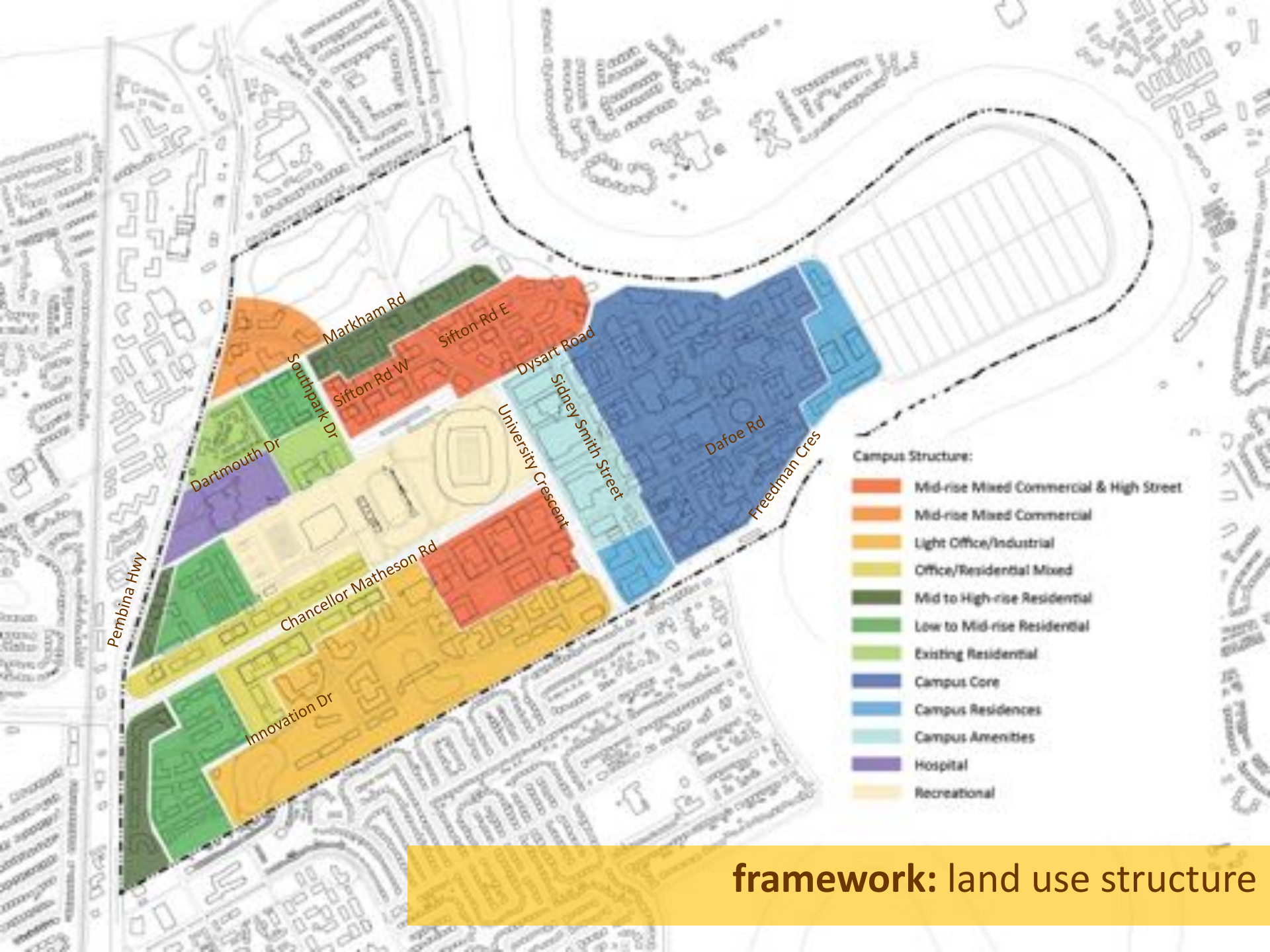


concept plan

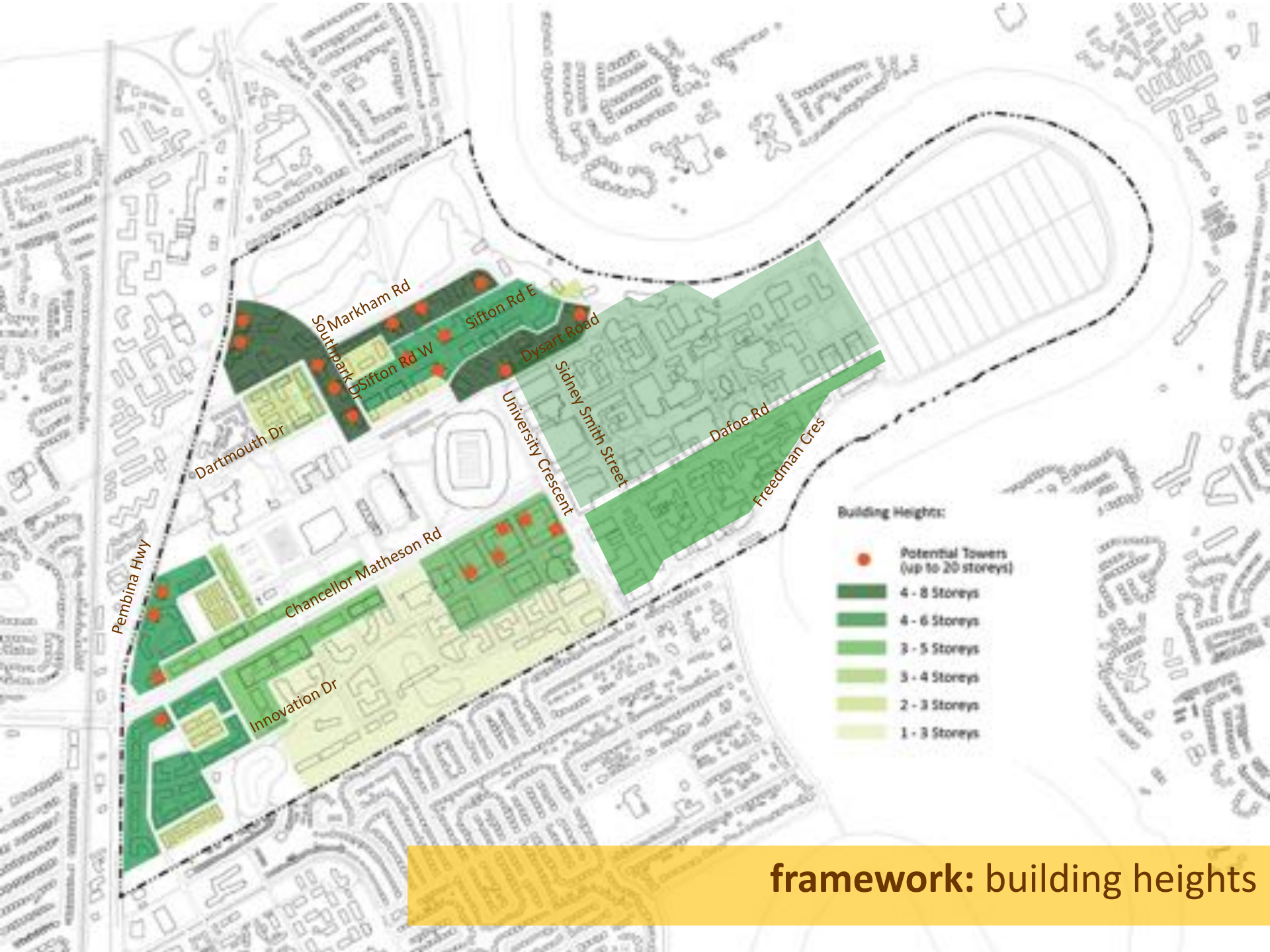
CONCEPT PLAN FRAMEWORKS

**Built Form
Open Space
Transportation &
Circulation**

built form:
framework



framework: land use structure



Pembina Hwy

Dartmouth Dr

South Markham Rd

Southpark Dr

Chancellor Matheson Rd

Innovation Dr

Sifton Rd E

Dysart Road

Sidney Smith Street

University Crescent

Dafoe Rd

Freedman Cres

Building Heights:

-  Potential Towers (up to 20 storeys)
-  4 - 8 Storeys
-  4 - 6 Storeys
-  3 - 5 Storeys
-  3 - 4 Storeys
-  2 - 3 Storeys
-  1 - 3 Storeys

framework: building heights

open space:
framework

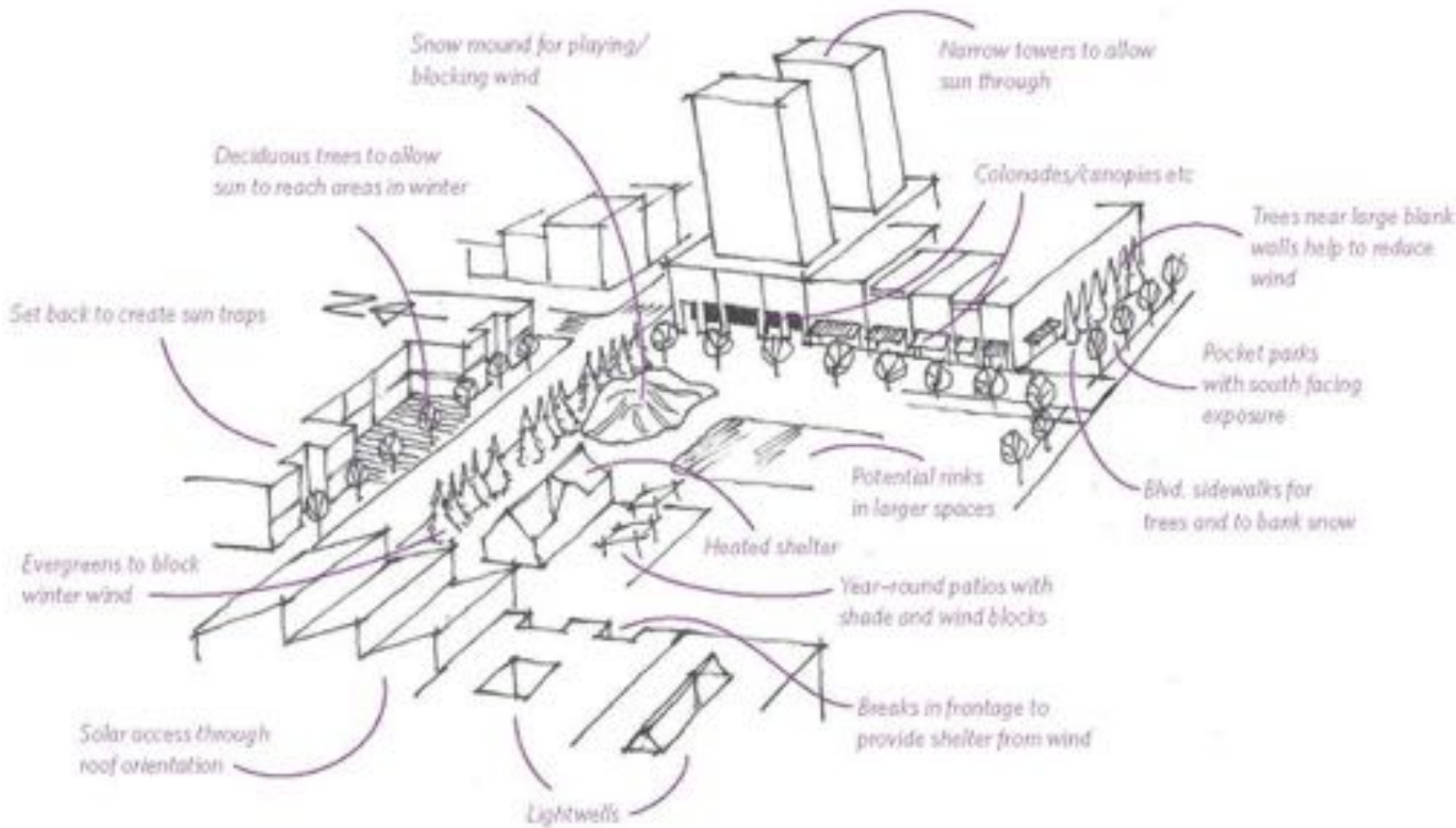


Markham Rd
Southpark Dr
Sifton Rd W
Dartmouth Dr
Pembina Hwy
Chancellor Matheson Rd
Innovation Dr
Sifton Rd E
Dysart Road
University Crescent
Sidney Smith Street
Dysart Rd
Dafoe Rd
Freedman Cres

open space framework

designing
for **winter**

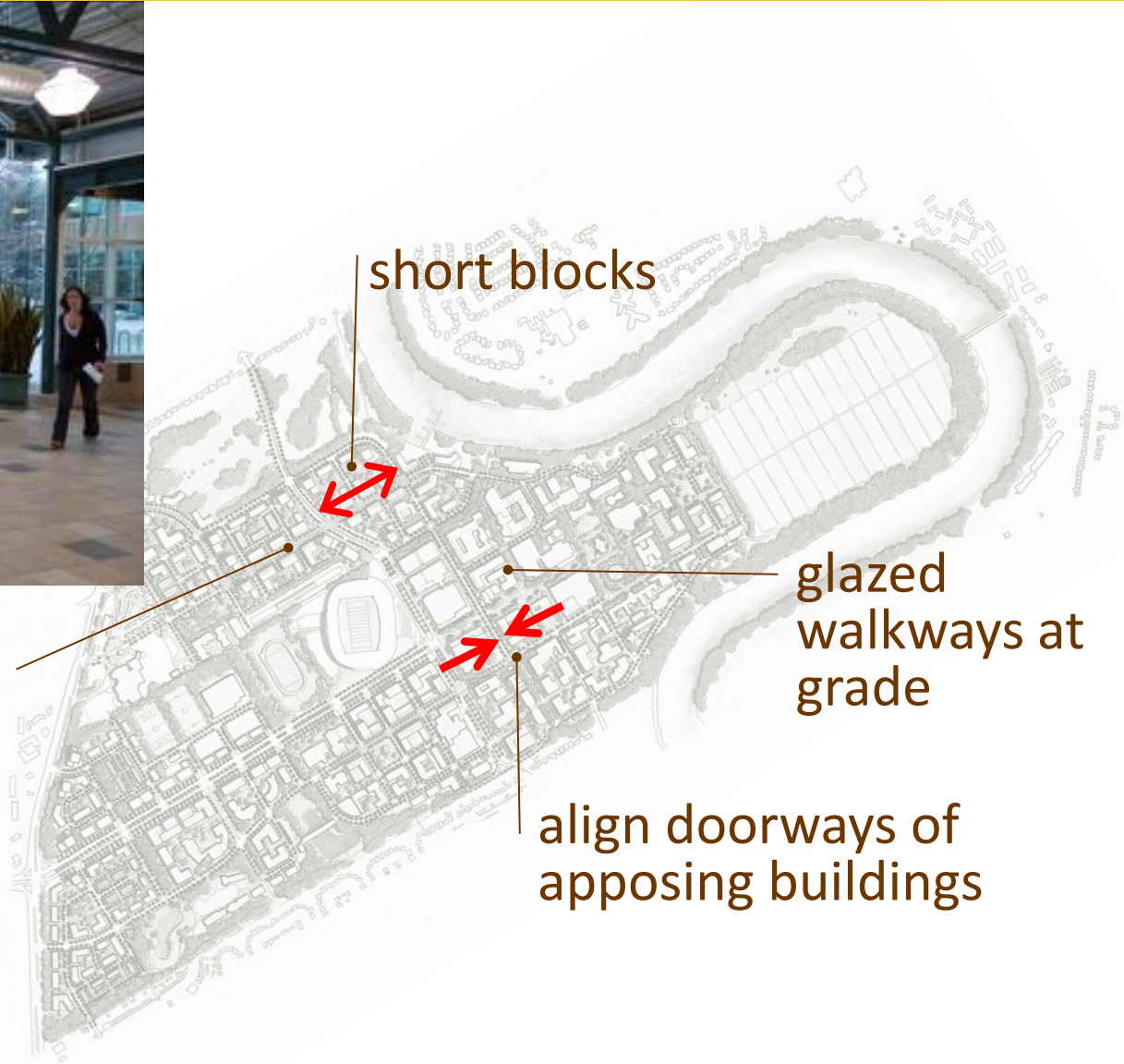
winter design: opportunities



winter design: at grade connections



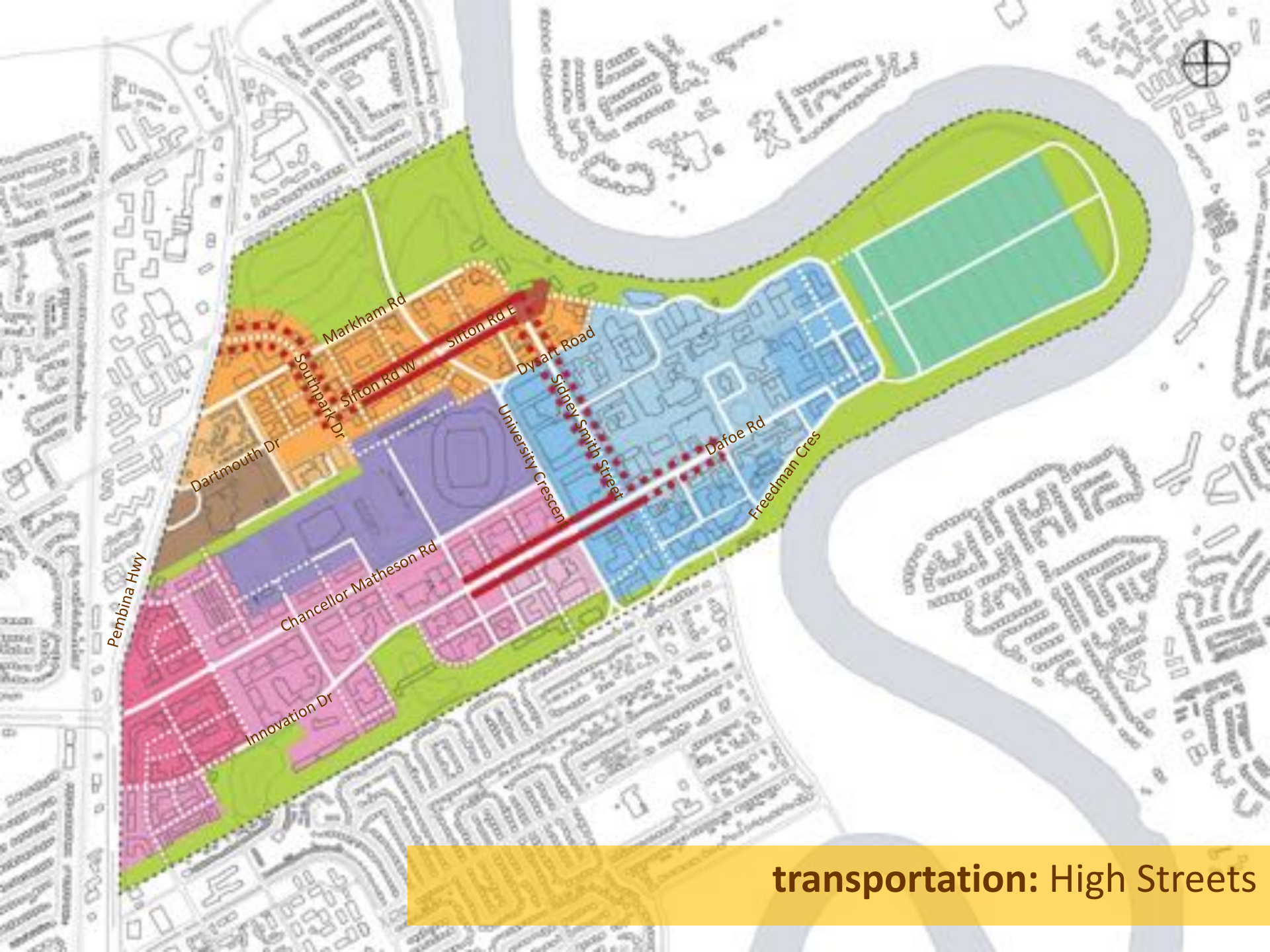
enlarged north sidewalk
(especially NE corners)
to daylight retail



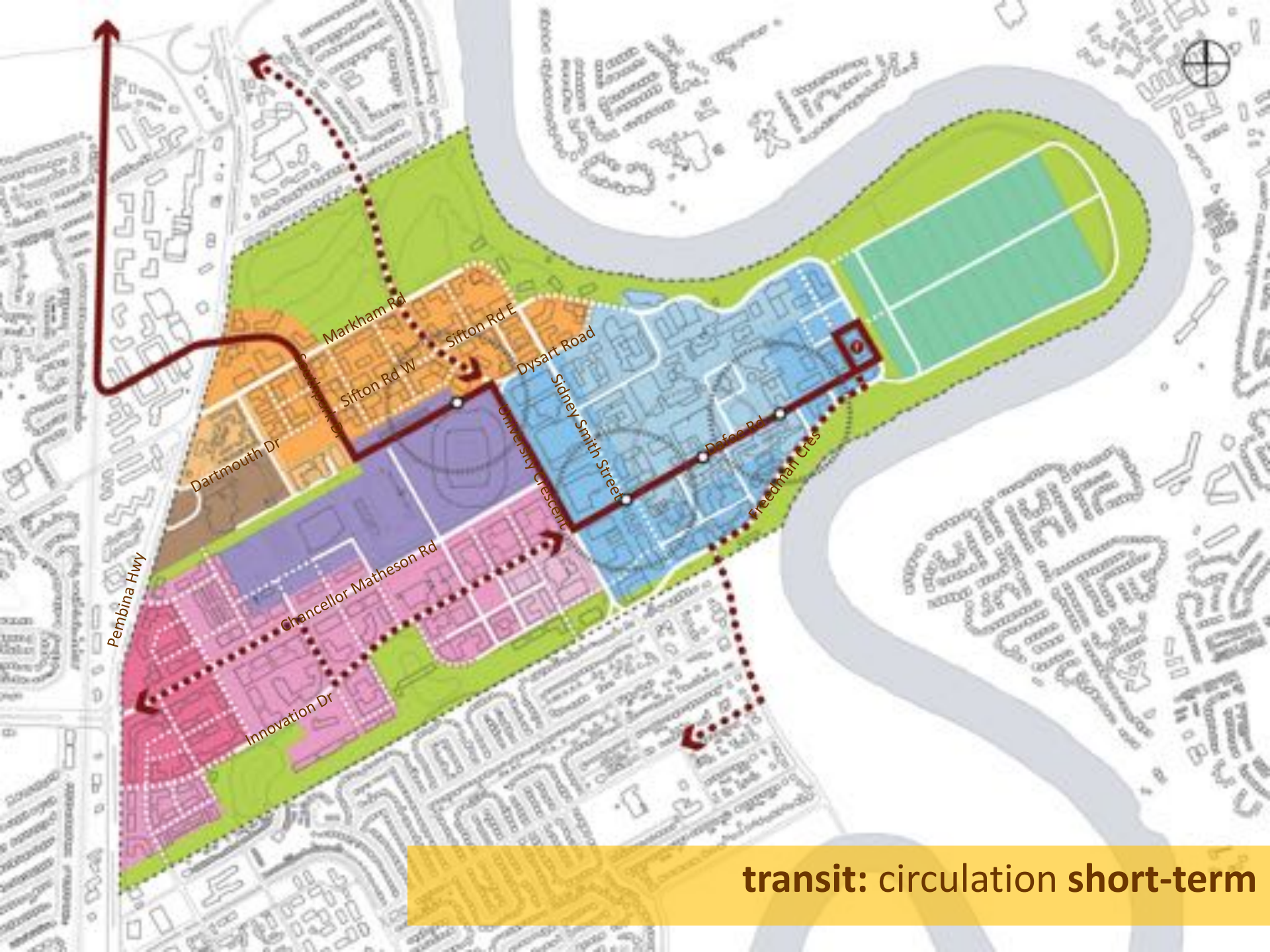
**transportation and
circulation:
framework**



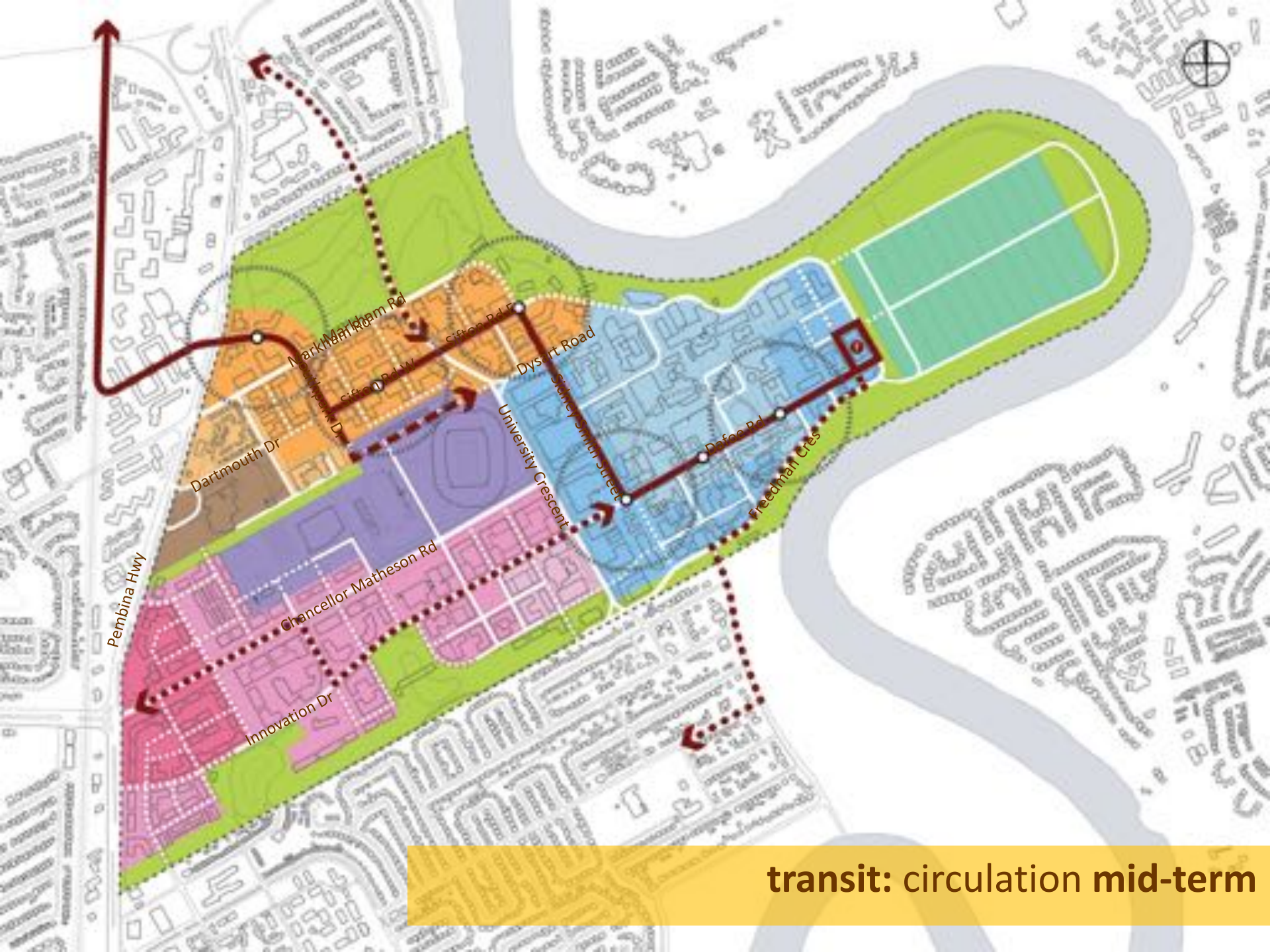
transportation: streets and block network



transportation: High Streets



transit: circulation short-term



Pembina Hwy

Dartmouth Dr

Chancellor Matheson Rd

Innovation Dr

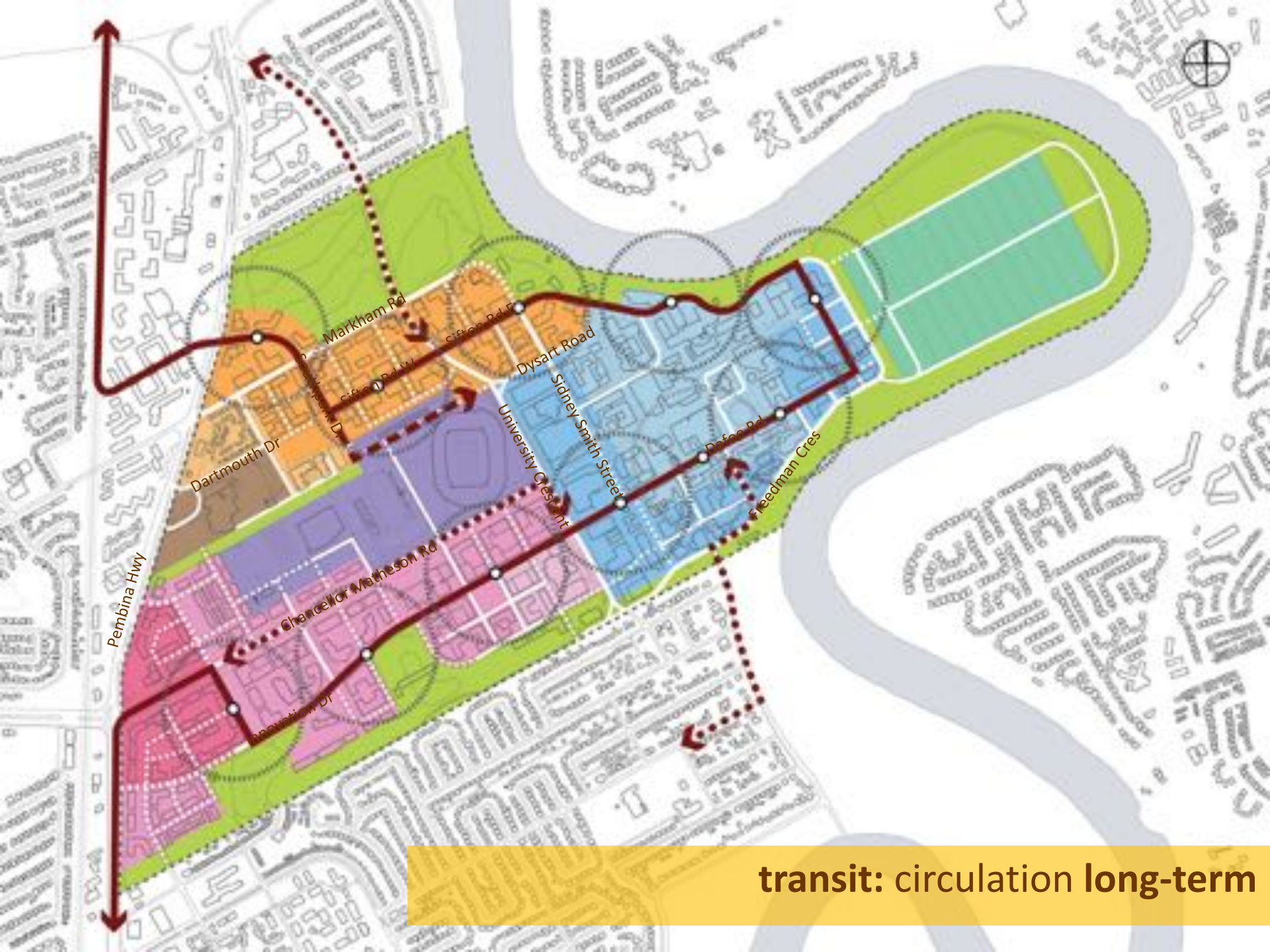
Markham Rd

University Crescent

Dysart Road

Freedman Cres

transit: circulation mid-term



Pembina Hwy

Dartmouth Dr

Markham Rd

Chancellor Matheson Rd

Innovation Dr

Sifton Pl E

University Crescent

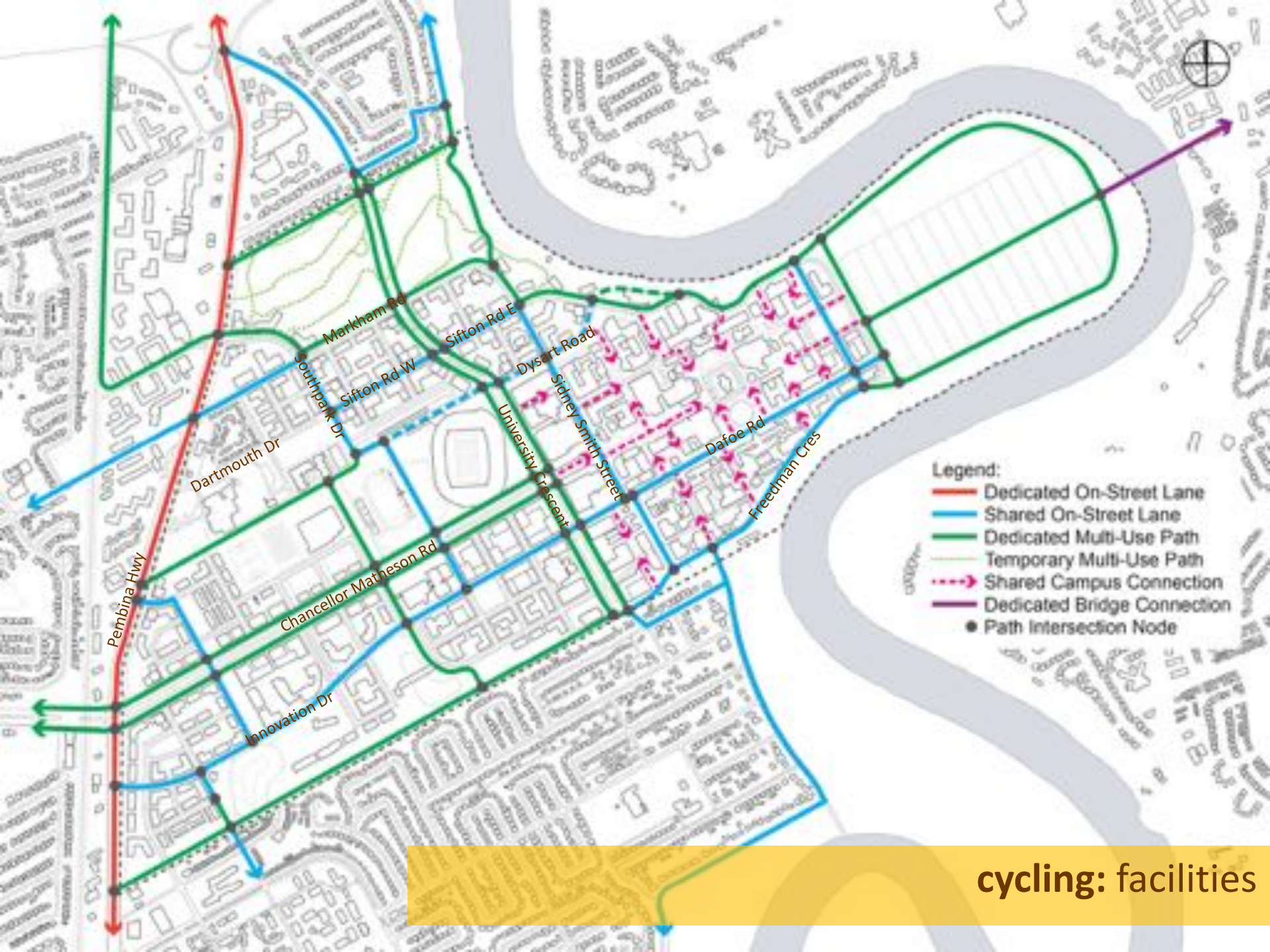
Dysart Road

Sidney Smith Street

Dorfen Pl

Freedman Cres

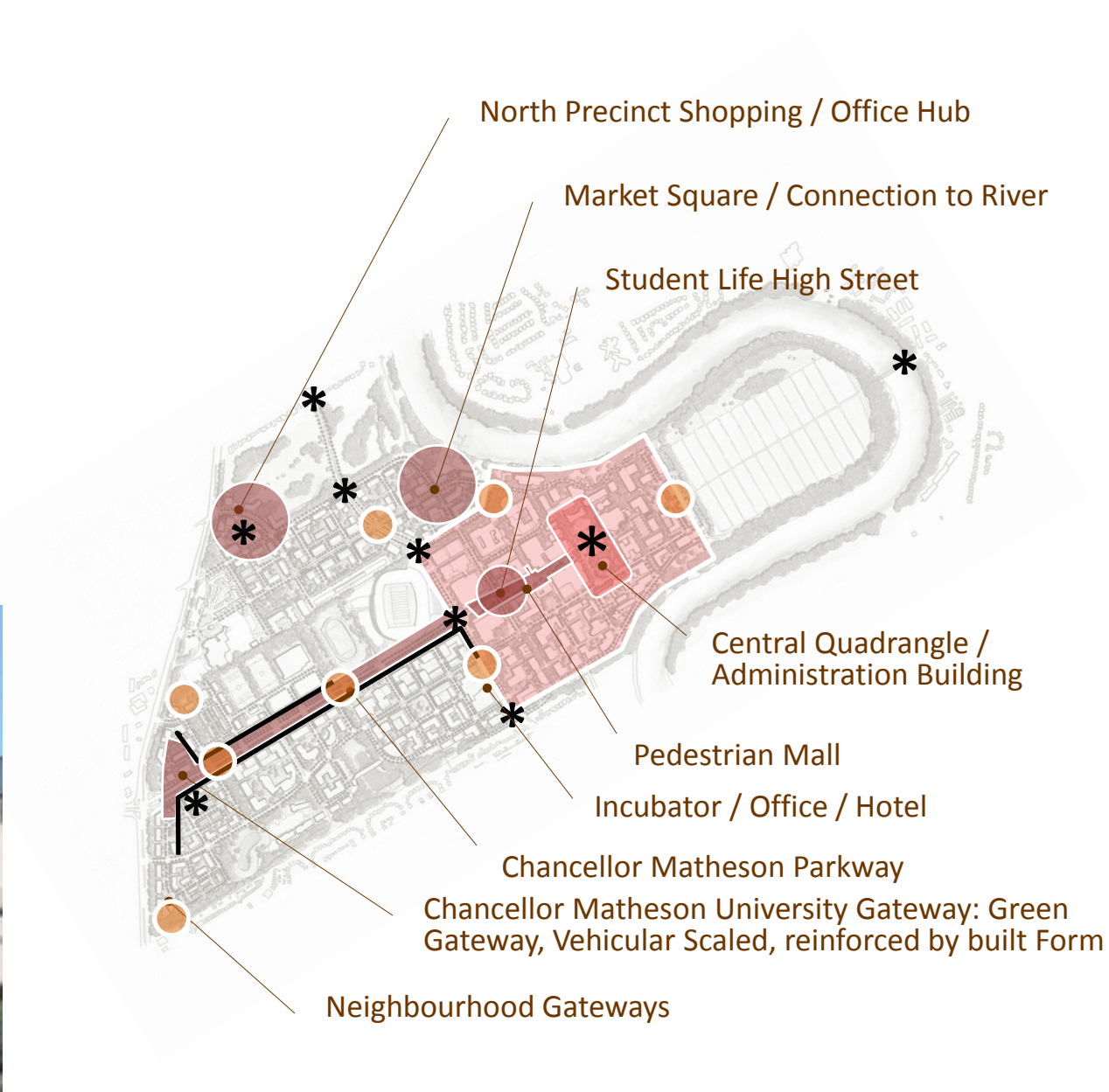
transit: circulation long-term



- Legend:**
- Dedicated On-Street Lane
 - Shared On-Street Lane
 - Dedicated Multi-Use Path
 - Temporary Multi-Use Path
 - Shared Campus Connection
 - Dedicated Bridge Connection
 - Path Intersection Node

cycling: facilities

**transportation and
circulation:
gateways (and wayfinding)**



gateways: landmarks

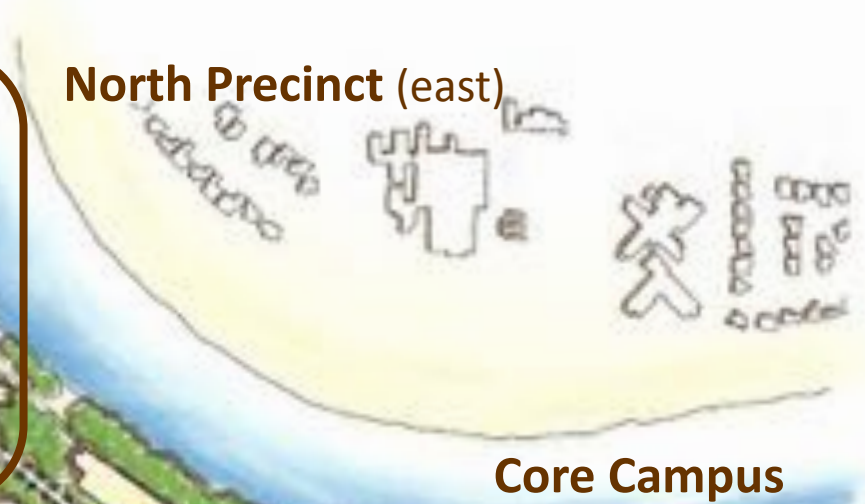
CORE CAMPUS CONCEPT PLAN DEVELOPMENT

Core campus & context
Built Form
Open Space
Circulation

core campus and context



North Precinct (east)



Core Campus

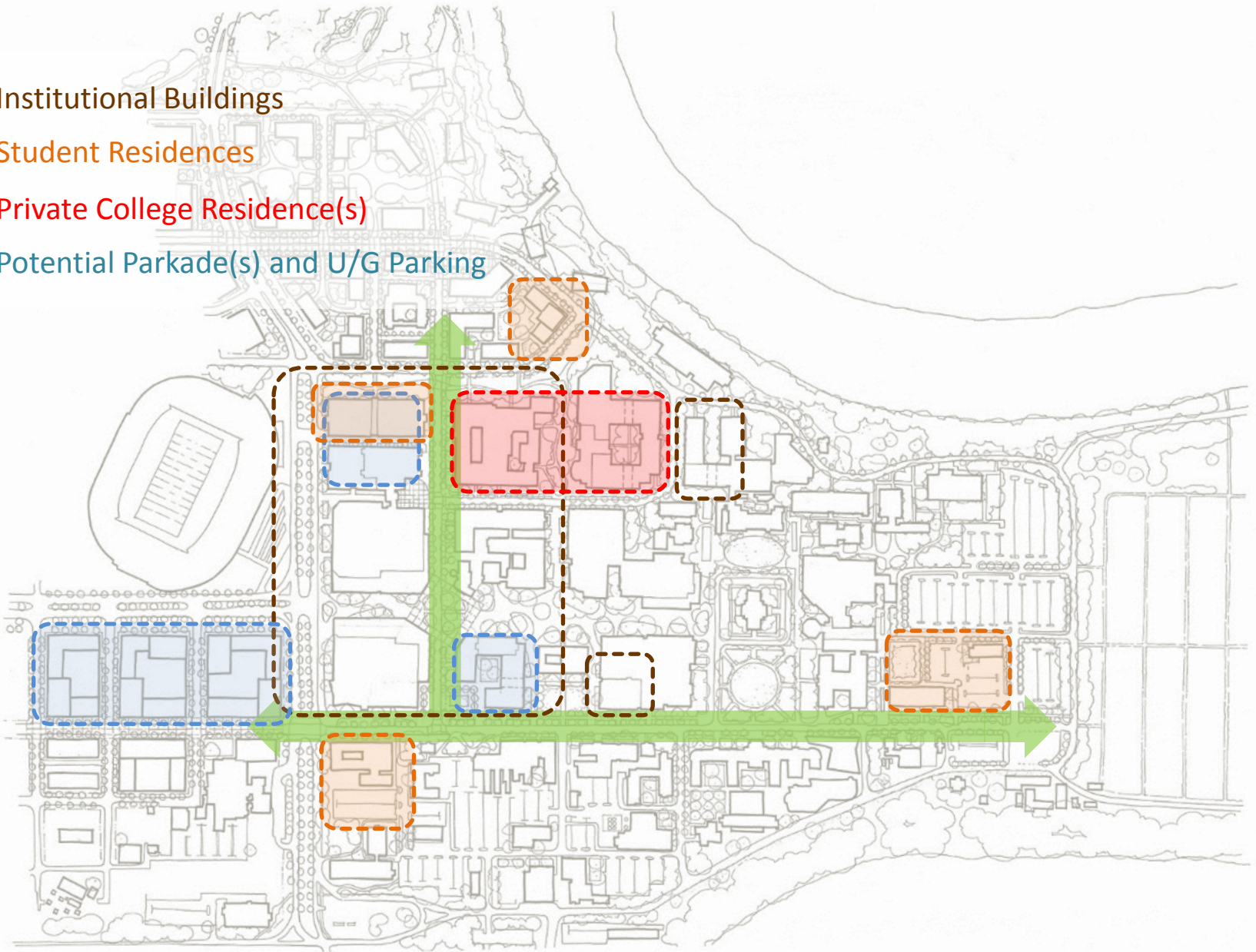
South Precinct (east)



core campus and context: the precincts

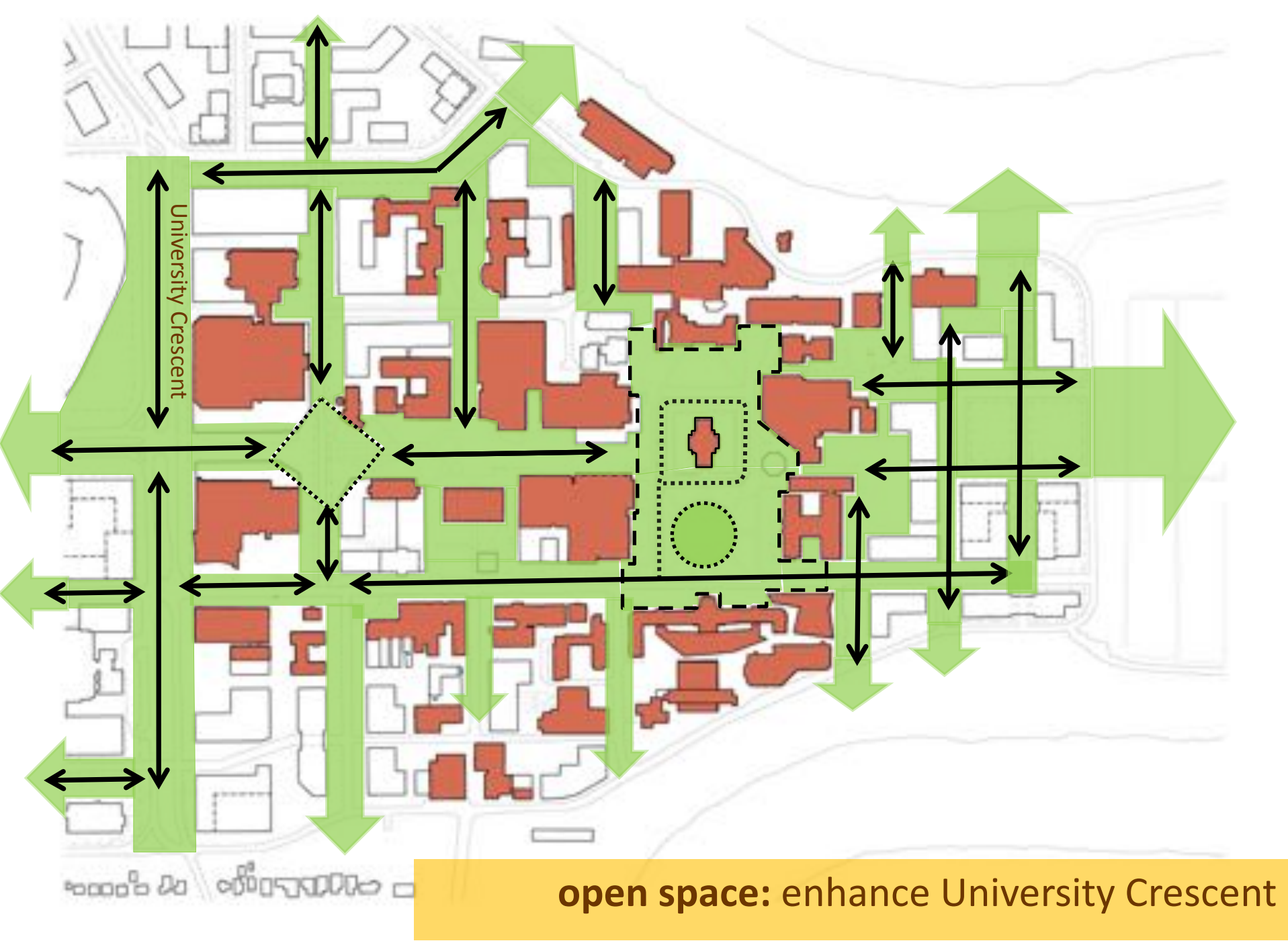
built form:
framework

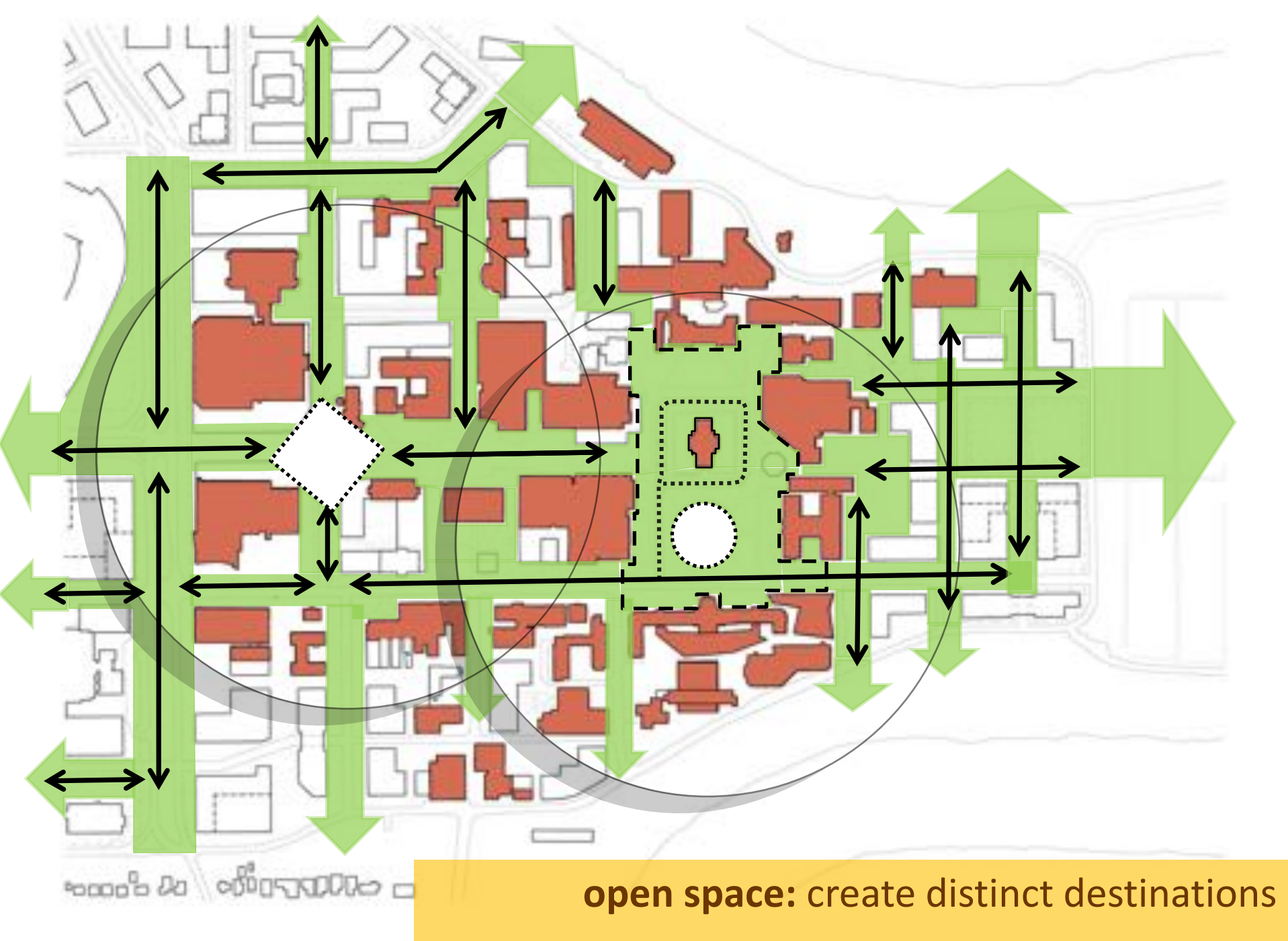
- Institutional Buildings
- Student Residences
- Private College Residence(s)
- Potential Parkade(s) and U/G Parking



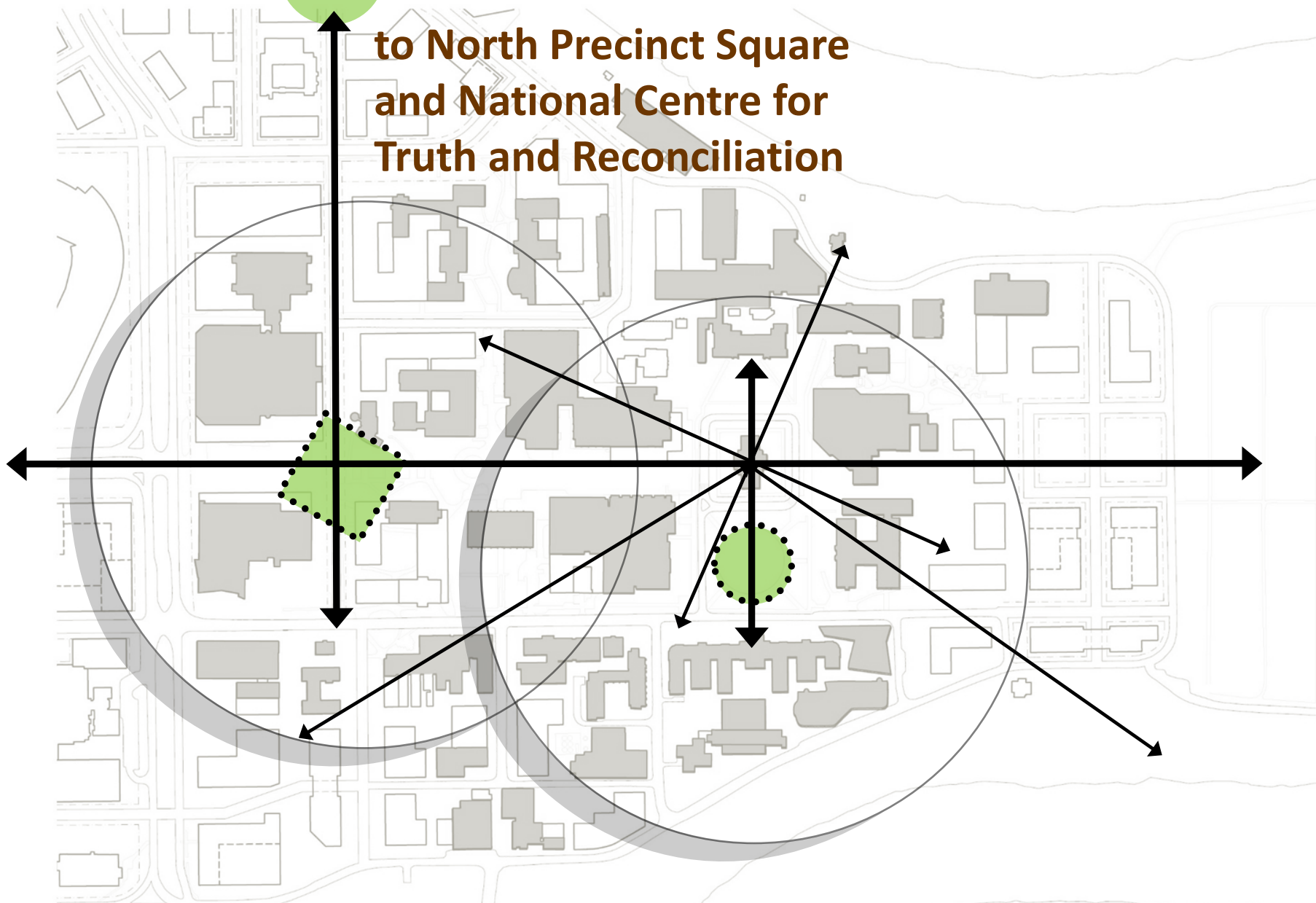
built form: consolidation of opportunities

open space:
framework



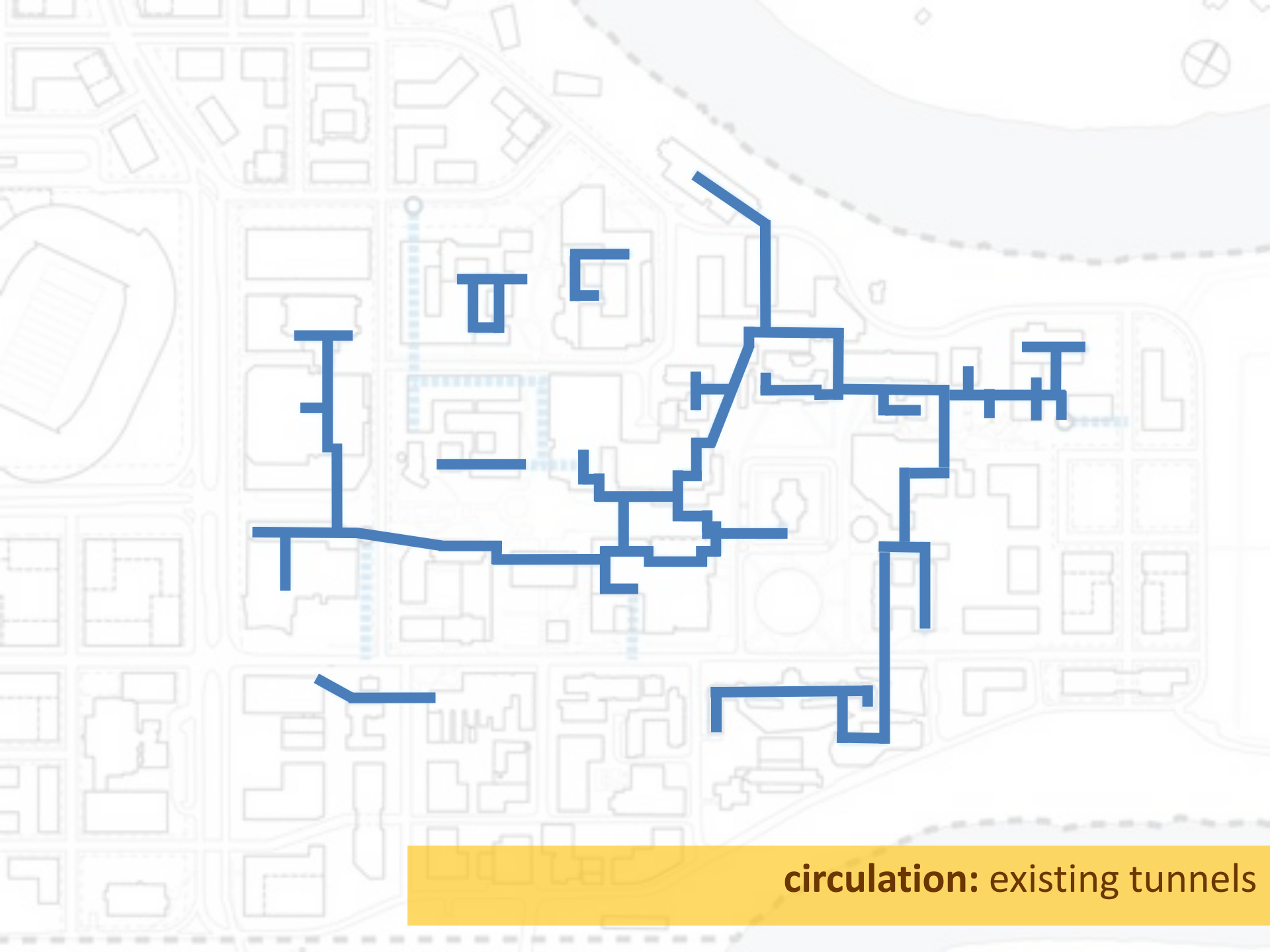


**to North Precinct Square
and National Centre for
Truth and Reconciliation**

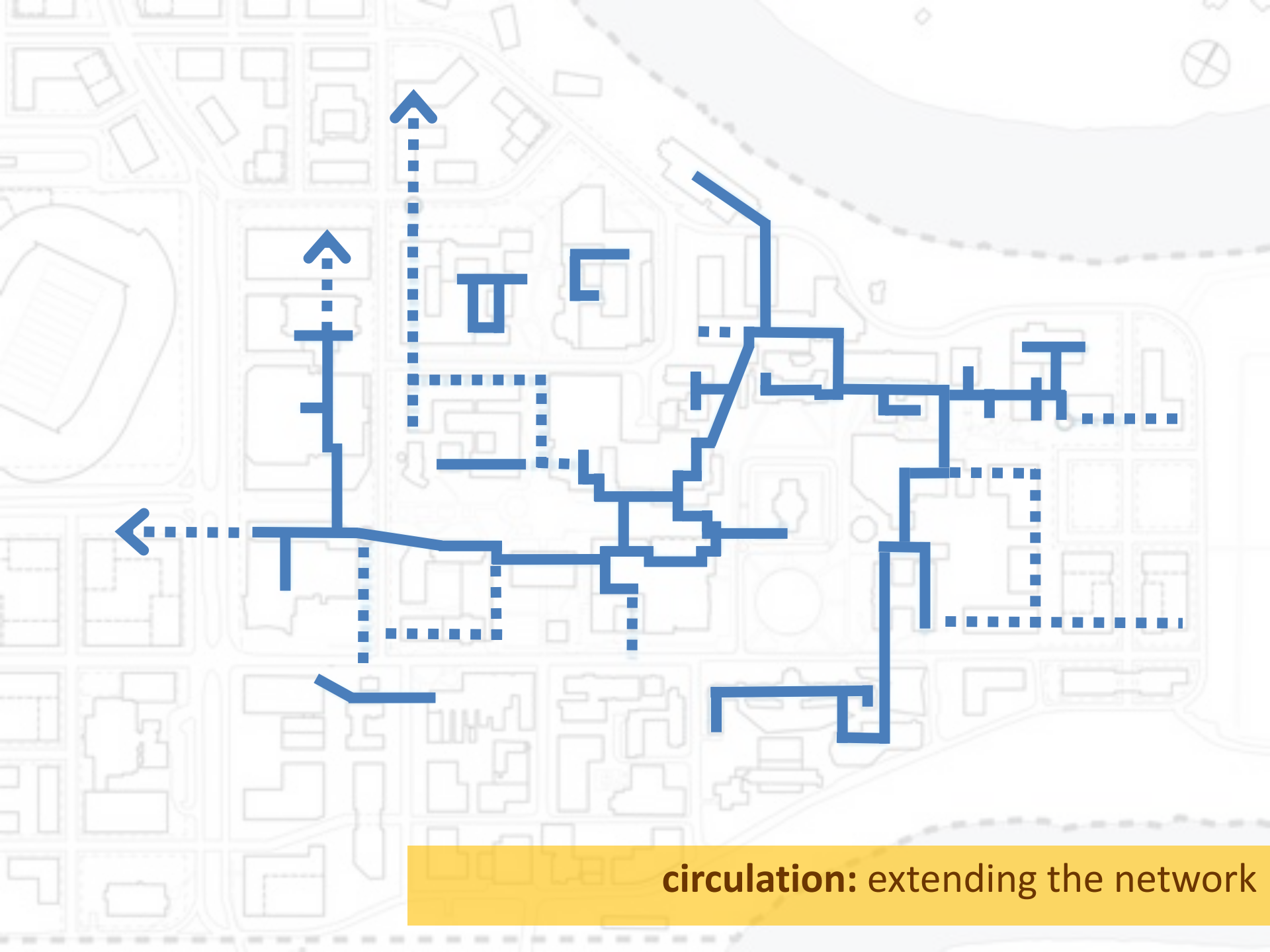


open space: connect the campus hearts

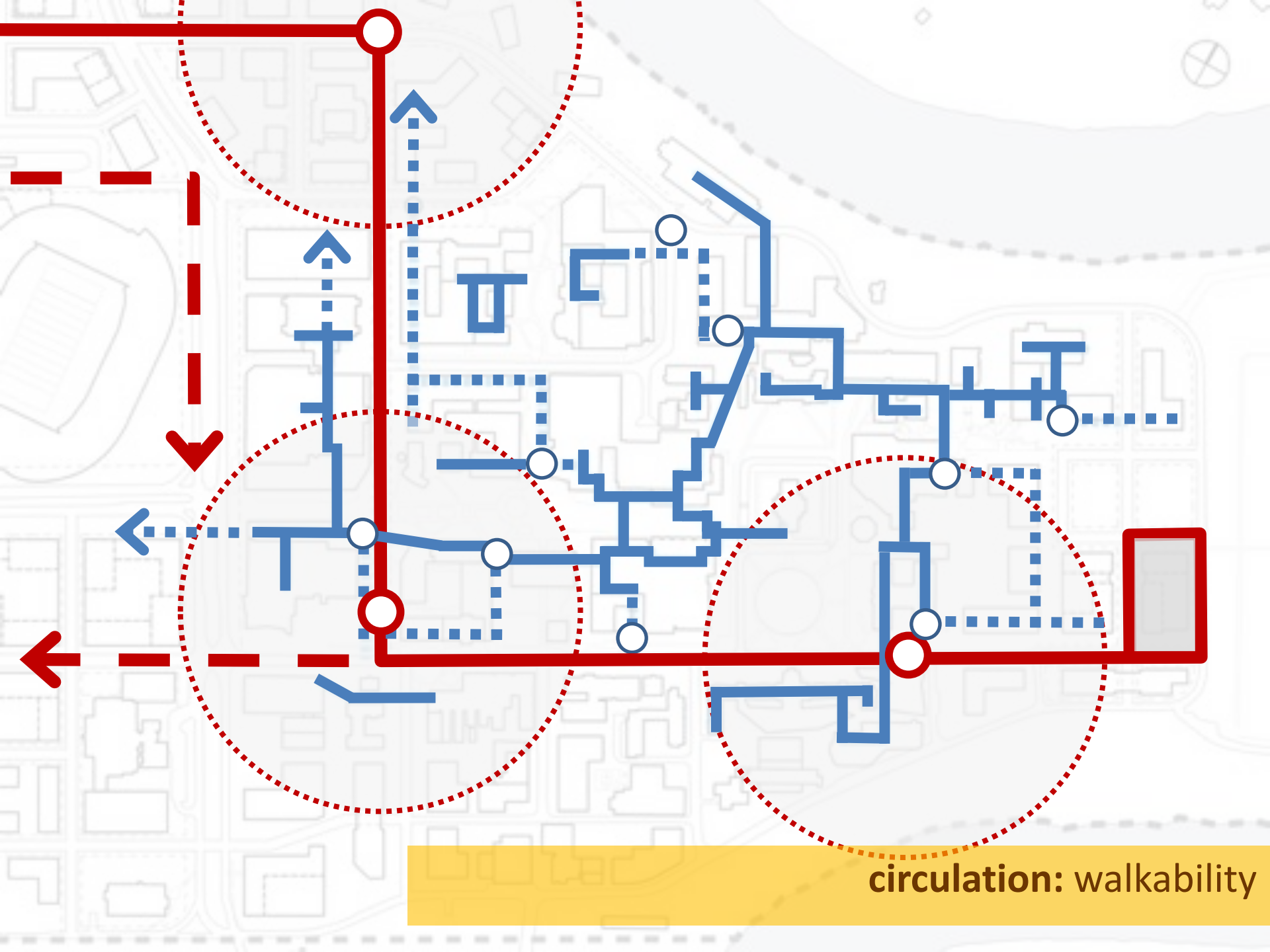
circulation: framework



circulation: existing tunnels



circulation: extending the network



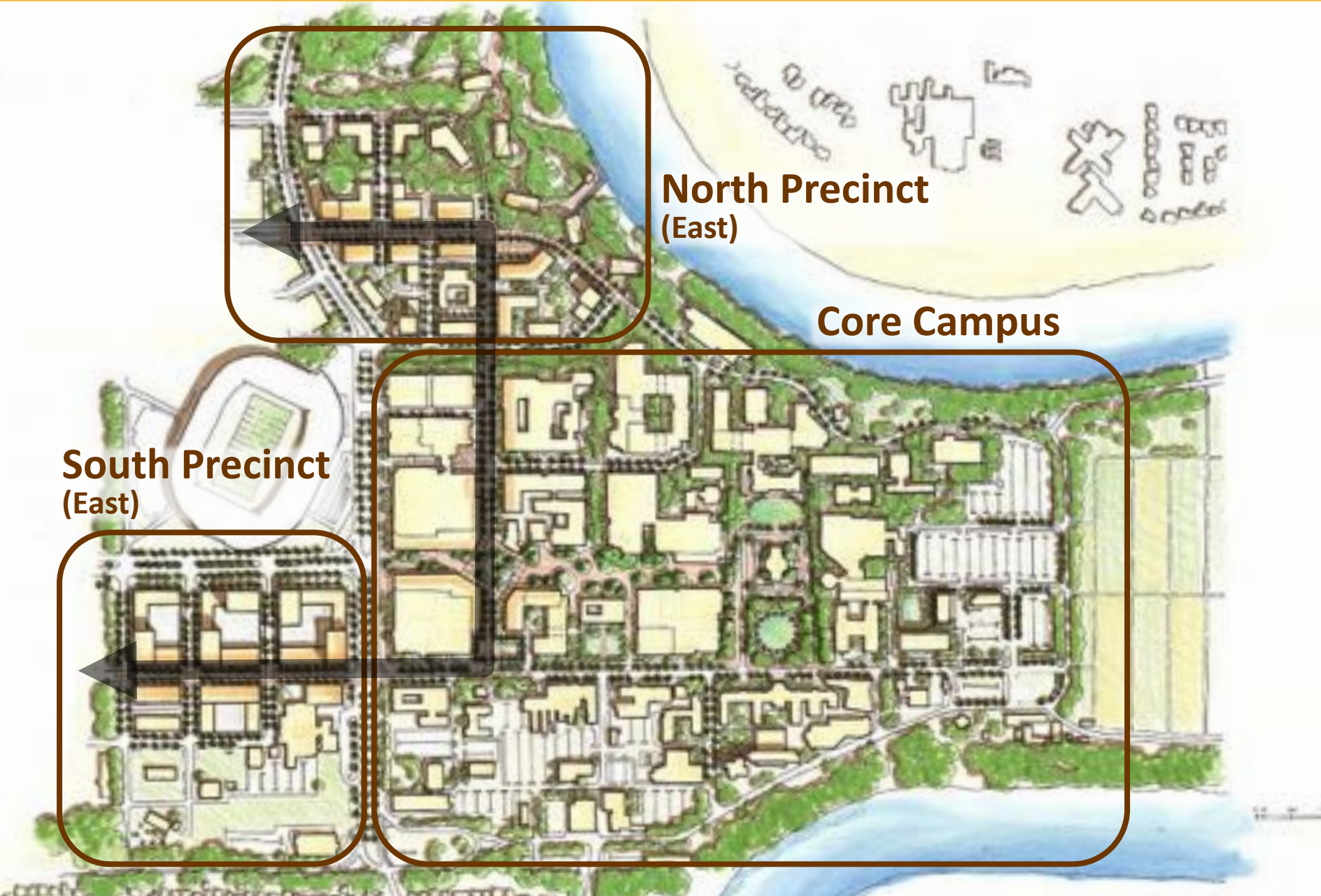
circulation: walkability

MAKING THE VISION A REALITY

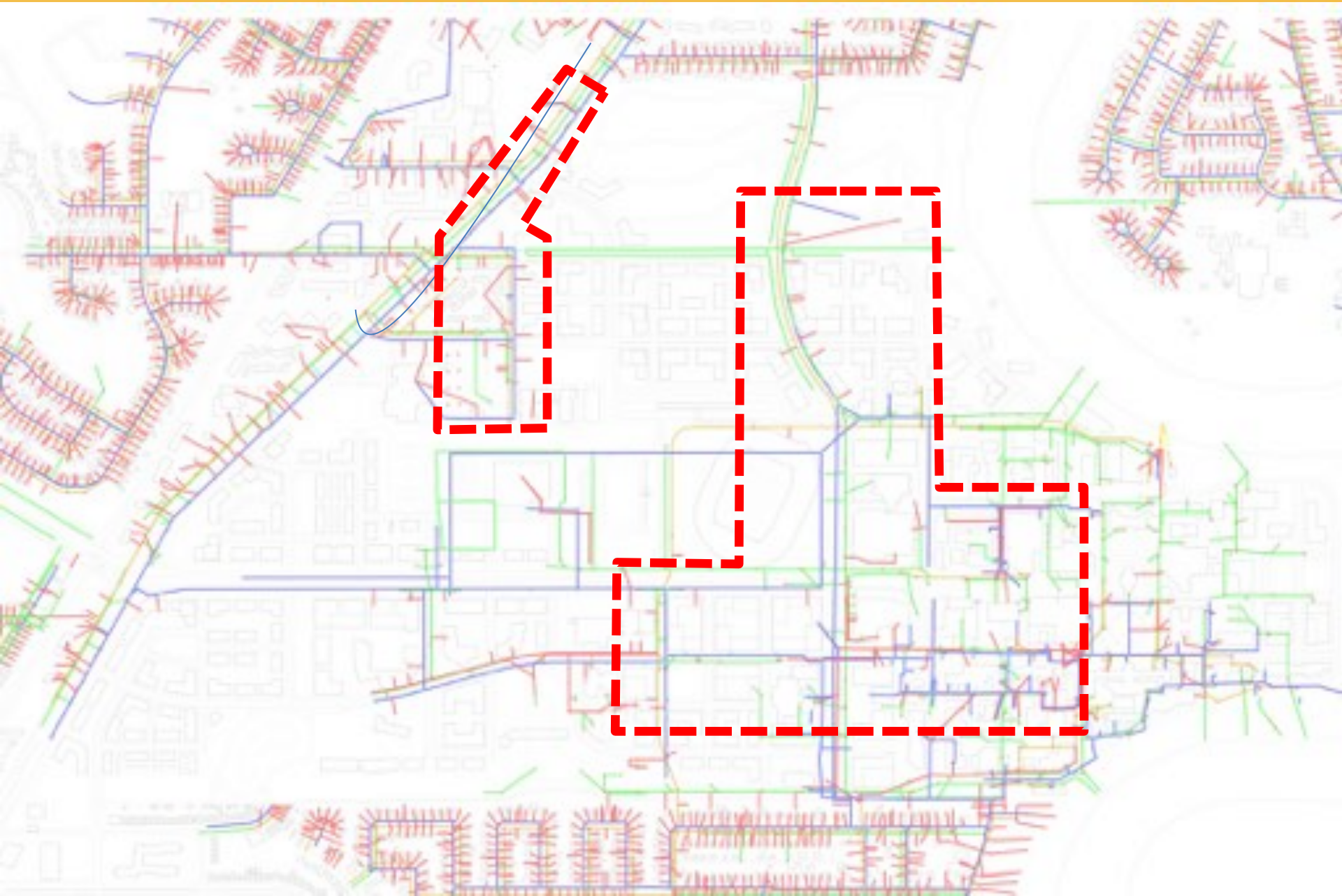
**Phasing Approach
Phasing Strategy**

phasing approach

focus energy early: create long-term value



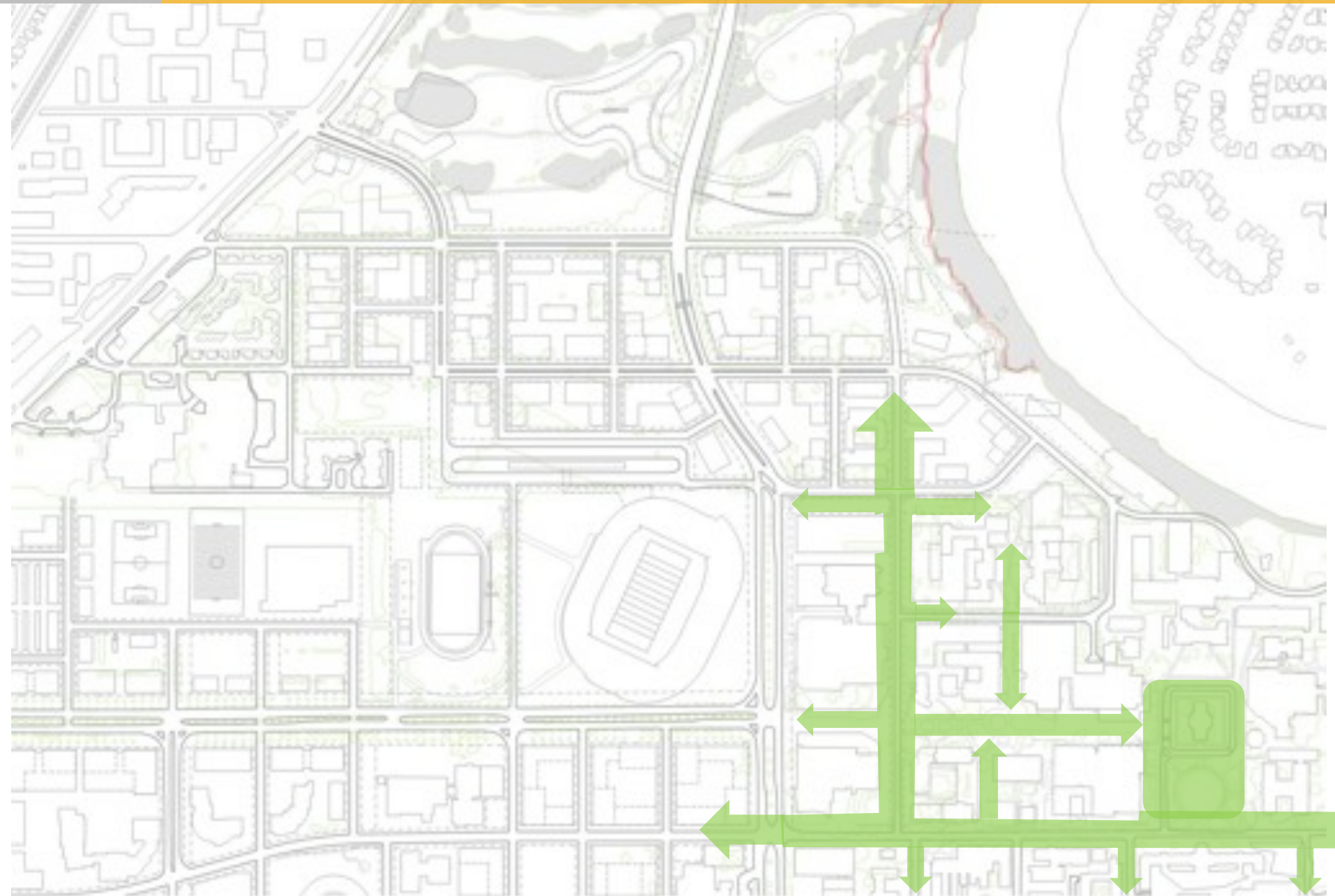
minimize infrastructure requirements



phasing strategy

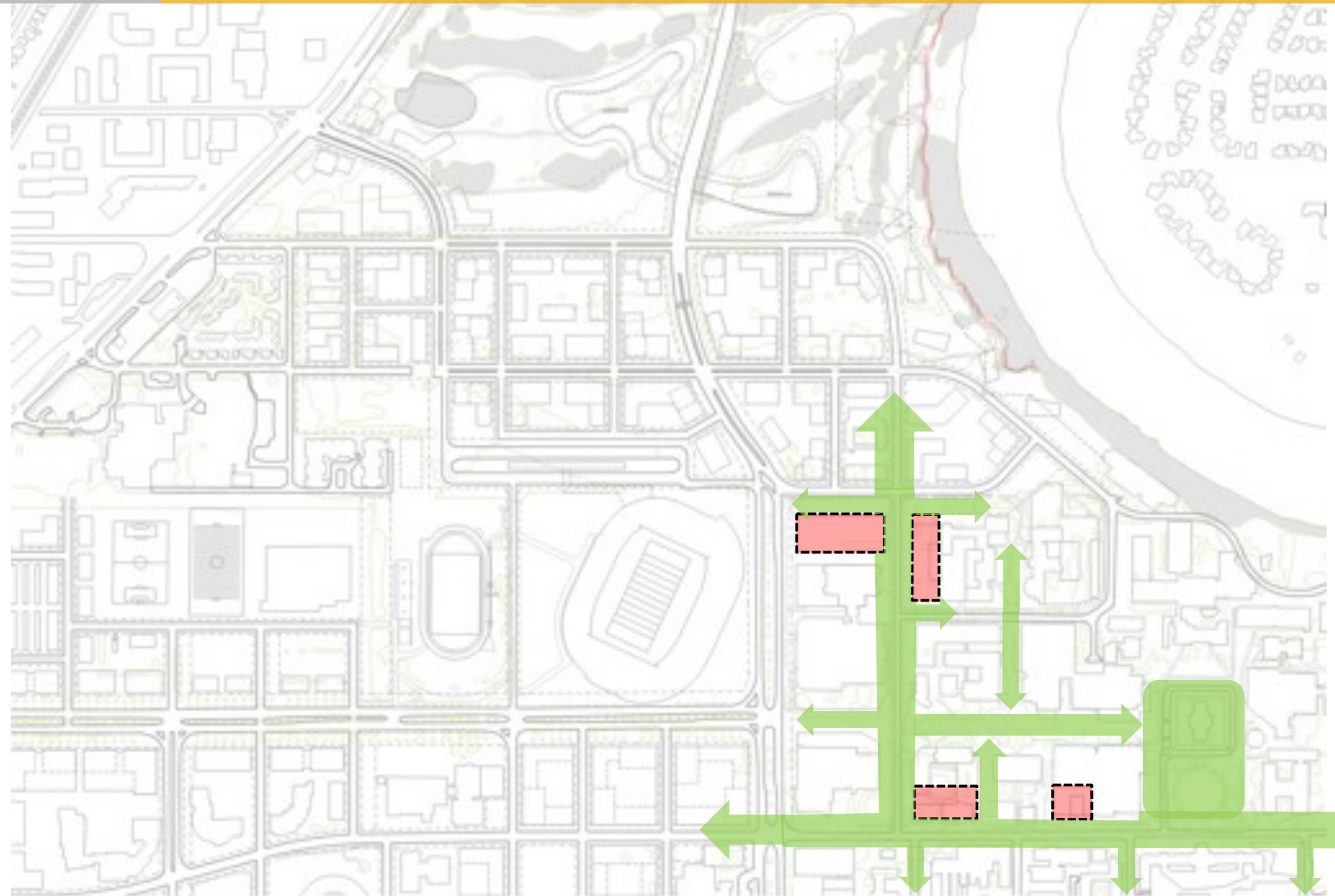
1(a)

kick-start campus improvements



1(a)

kick-start campus improvements



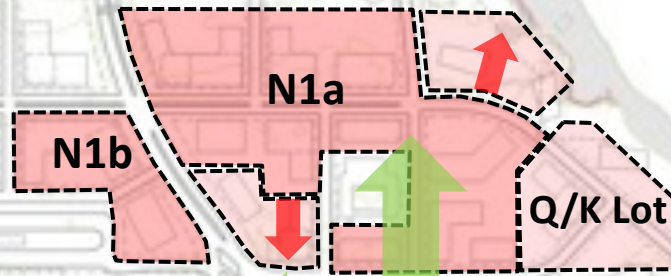
1(a)

kick-start the North Precinct

DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1
Row and Town House	164	14
Live / Work in Base of Mid Rise	0	5
Apartment Style Housing in Mid Rise	1642	442
Apartment Style Housing in Tower		192
Total Units	1806	653

NON-RESIDENTIAL	2025	N1
DSTM	135,500	0
Commercial / Retail	167,120	123,600
Suburban Light Office	205,000	16,000
Hotel	215 rms	0
Conference Centre	70,000	0

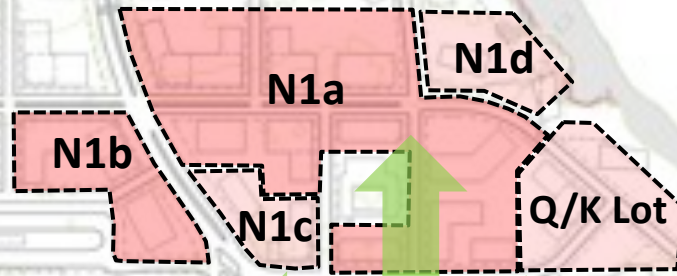


1(a)

kick-start the North Precinct

DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1
Row and Town House	164	14
Live / Work in Base of Mid Rise	0	5
Apartment Style Housing in Mid Rise	1642	442
Apartment Style Housing in Tower		192
Total Units	1806	653
NON-RESIDENTIAL		
DSTM	135,500	0
Commercial / Retail	167,120	123,600
Suburban Light Office	205,000	16,000
Hotel	215 rms	0
Conference Centre	70,000	0

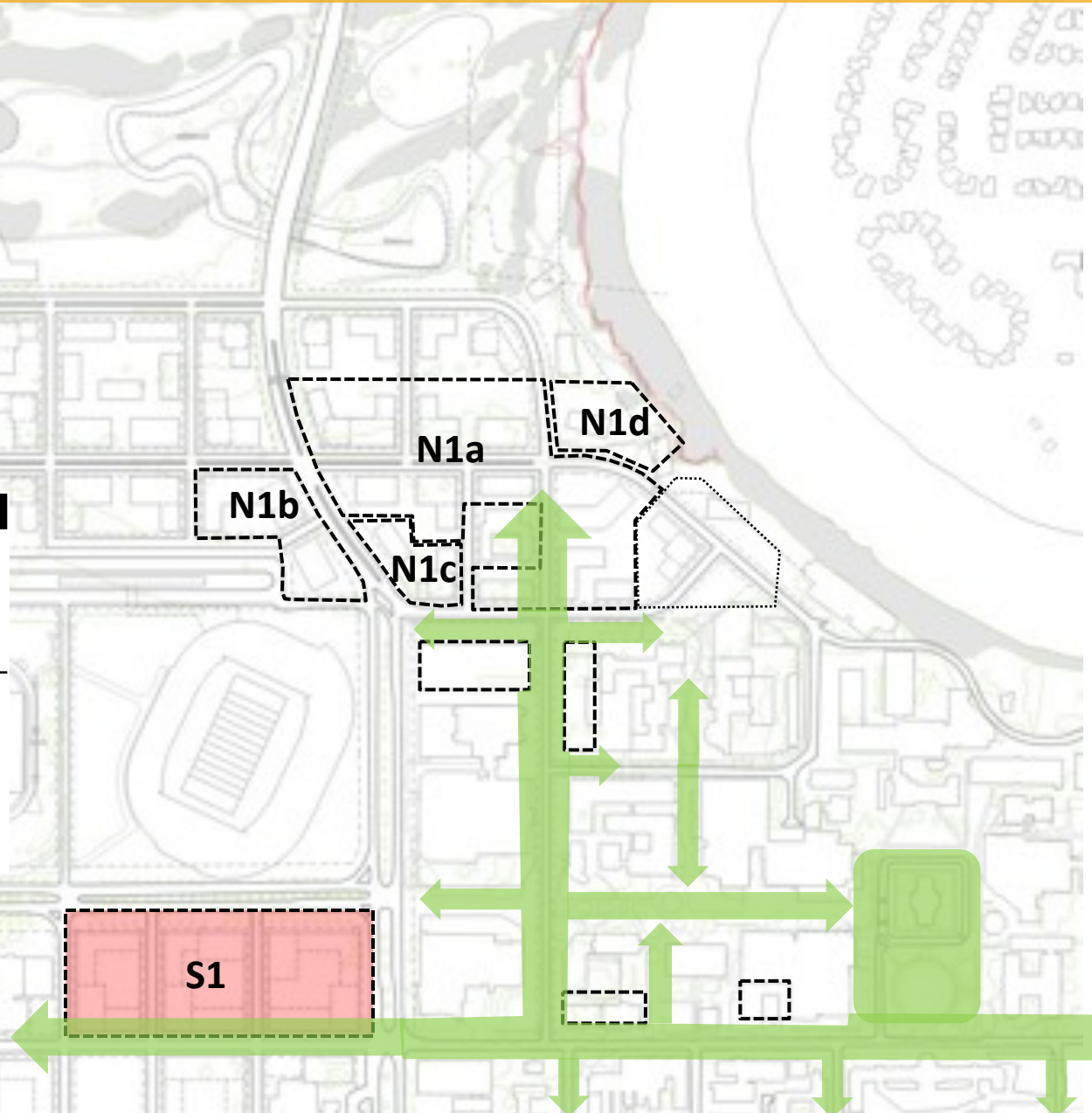


1(a)

kick-start the South Precinct

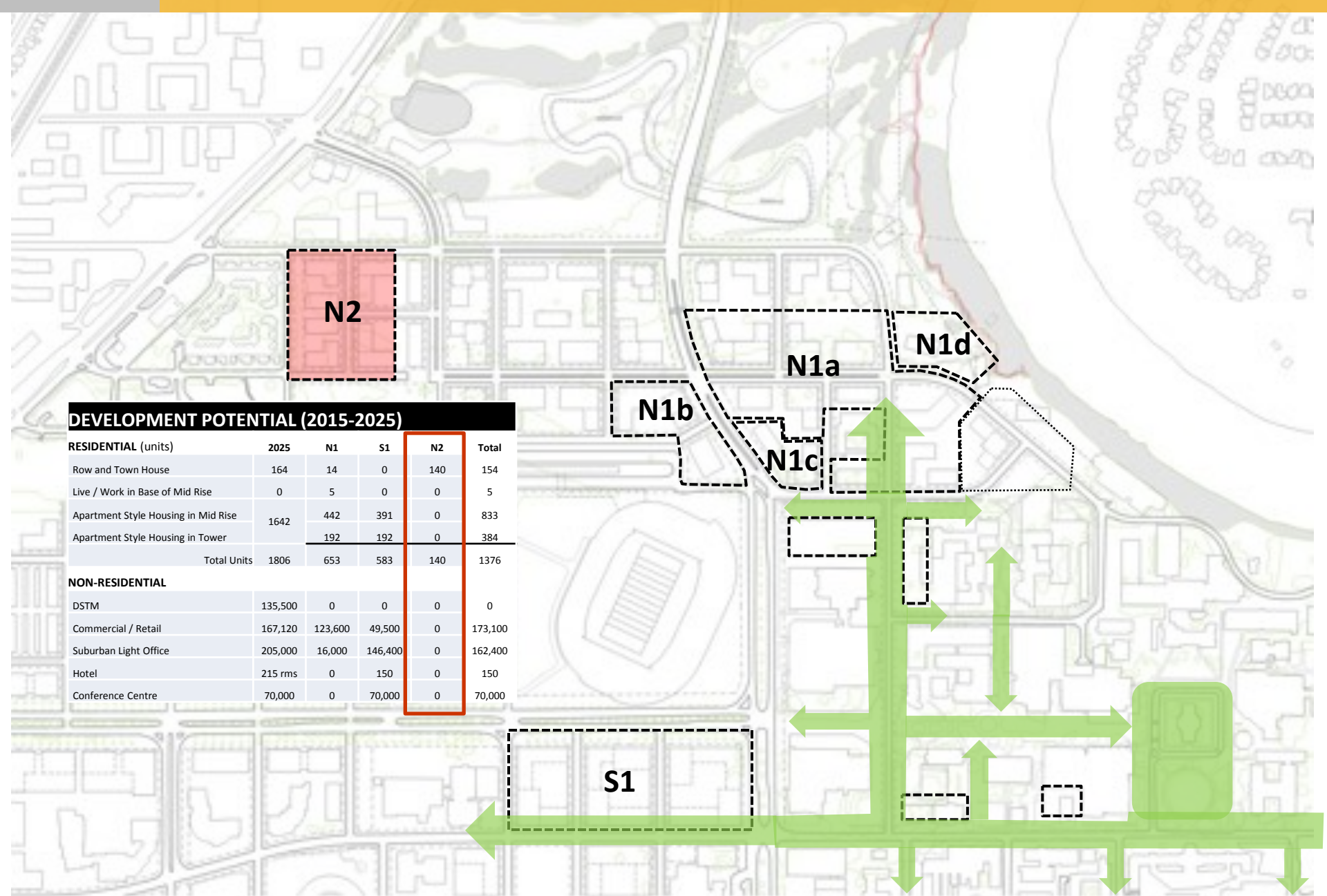
DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1	S1	Total
Row and Town House	164	14	0	14
Live / Work in Base of Mid Rise	0	5	0	5
Apartment Style Housing in Mid Rise	1642	442	391	833
Apartment Style Housing in Tower		192	192	384
Total Units	1806	653	583	1236
NON-RESIDENTIAL				
DSTM	135,500	0	0	0
Commercial / Retail	167,120	123,600	49,500	173,100
Suburban Light Office	205,000	16,000	146,400	162,400
Hotel	215 rms	0	150	150
Conference Centre	70,000	0	70,000	70,000



1(a)

kick-start the Residential Precinct



DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1	S1	N2	Total
Row and Town House	164	14	0	140	154
Live / Work in Base of Mid Rise	0	5	0	0	5
Apartment Style Housing in Mid Rise	1642	442	391	0	833
Apartment Style Housing in Tower		192	192	0	384
Total Units	1806	653	583	140	1376

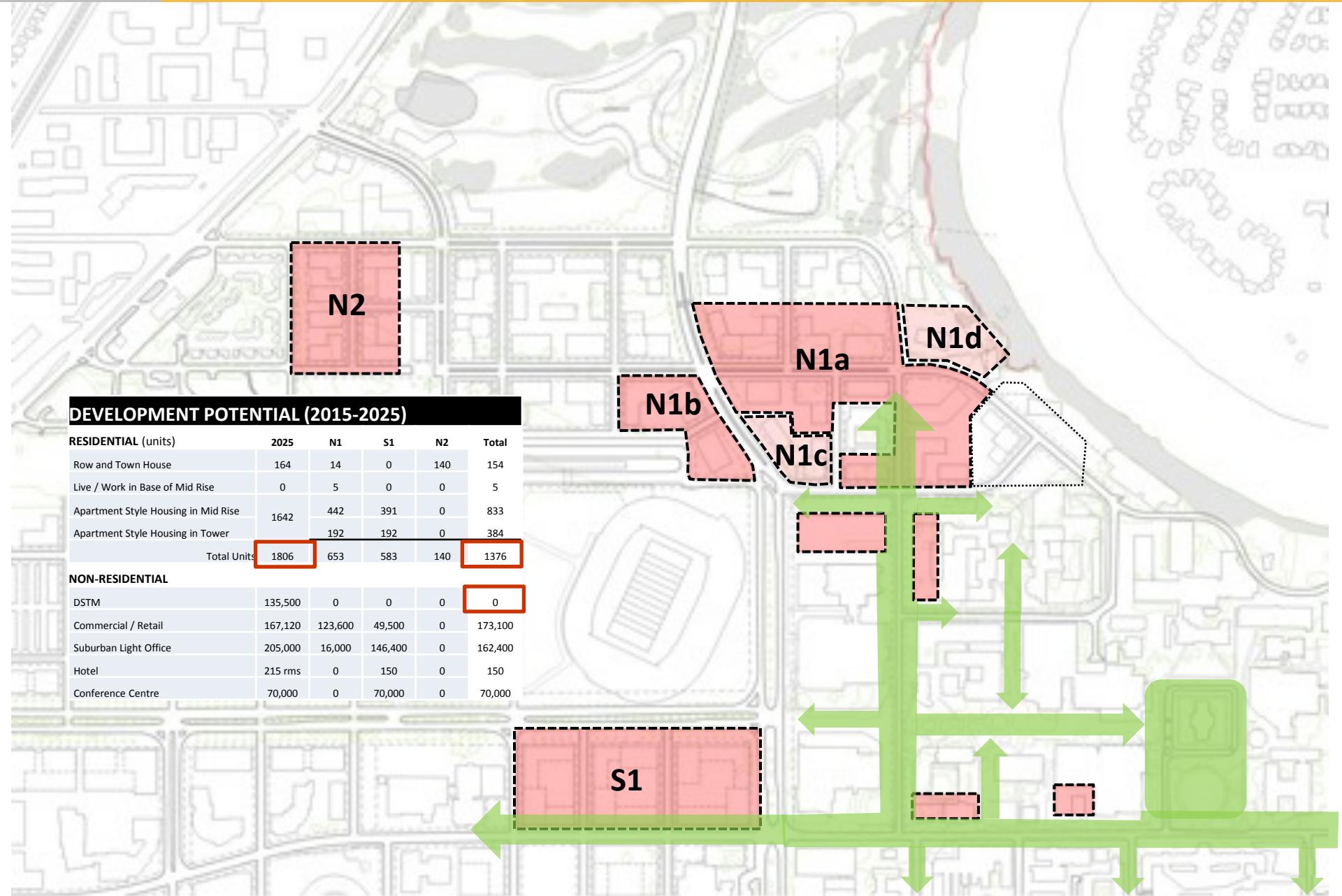
NON-RESIDENTIAL	2025	N1	S1	N2	Total
DSTM	135,500	0	0	0	0
Commercial / Retail	167,120	123,600	49,500	0	173,100
Suburban Light Office	205,000	16,000	146,400	0	162,400
Hotel	215 rms	0	150	0	150
Conference Centre	70,000	0	70,000	0	70,000

1(a)

take stock

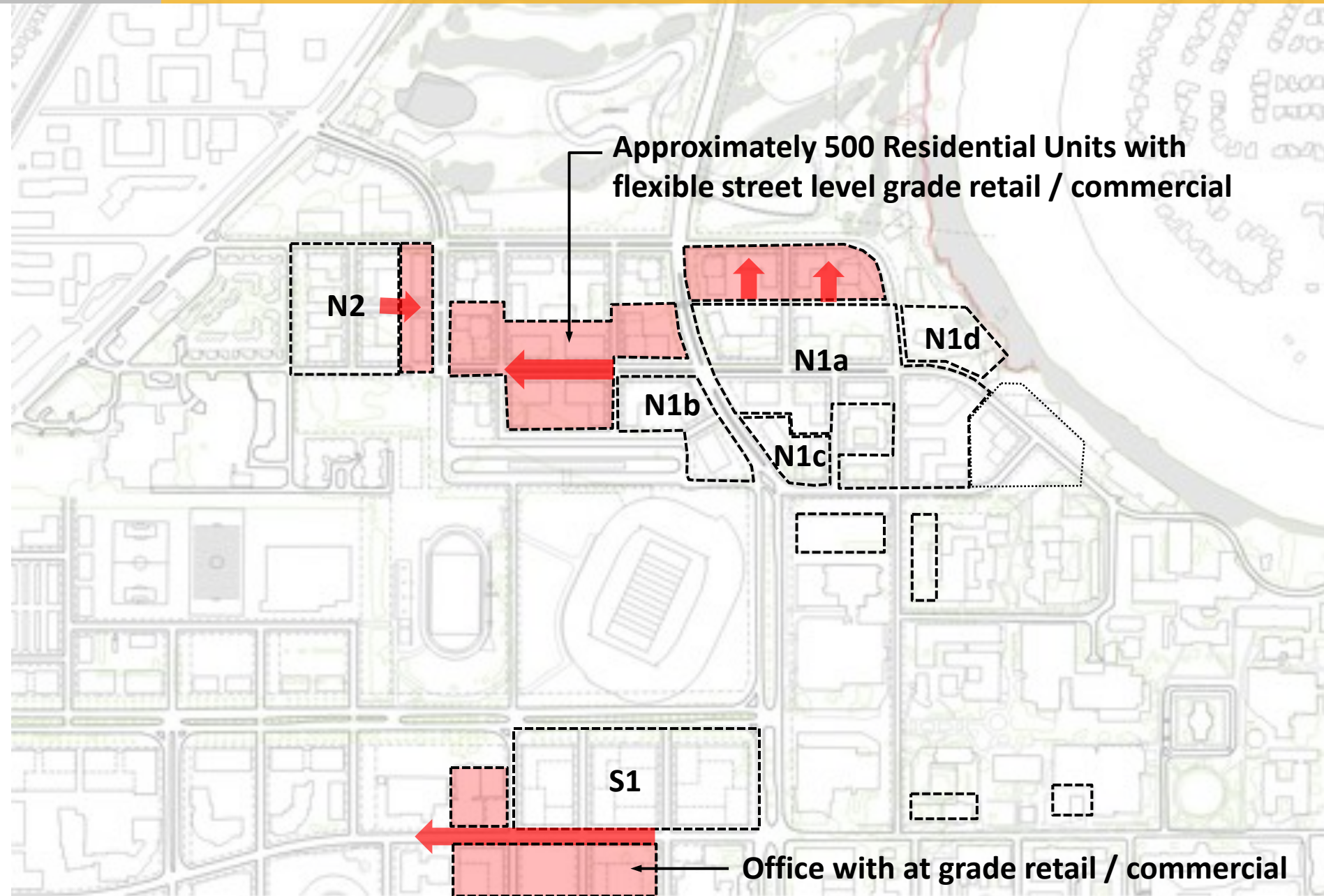
DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1	S1	N2	Total
Row and Town House	164	14	0	140	154
Live / Work in Base of Mid Rise	0	5	0	0	5
Apartment Style Housing in Mid Rise	1642	442	391	0	833
Apartment Style Housing in Tower		192	192	0	384
Total Units	1806	653	583	140	1376
NON-RESIDENTIAL					
DSTM	135,500	0	0	0	0
Commercial / Retail	167,120	123,600	49,500	0	173,100
Suburban Light Office	205,000	16,000	146,400	0	162,400
Hotel	215 rms	0	150	0	150
Conference Centre	70,000	0	70,000	0	70,000



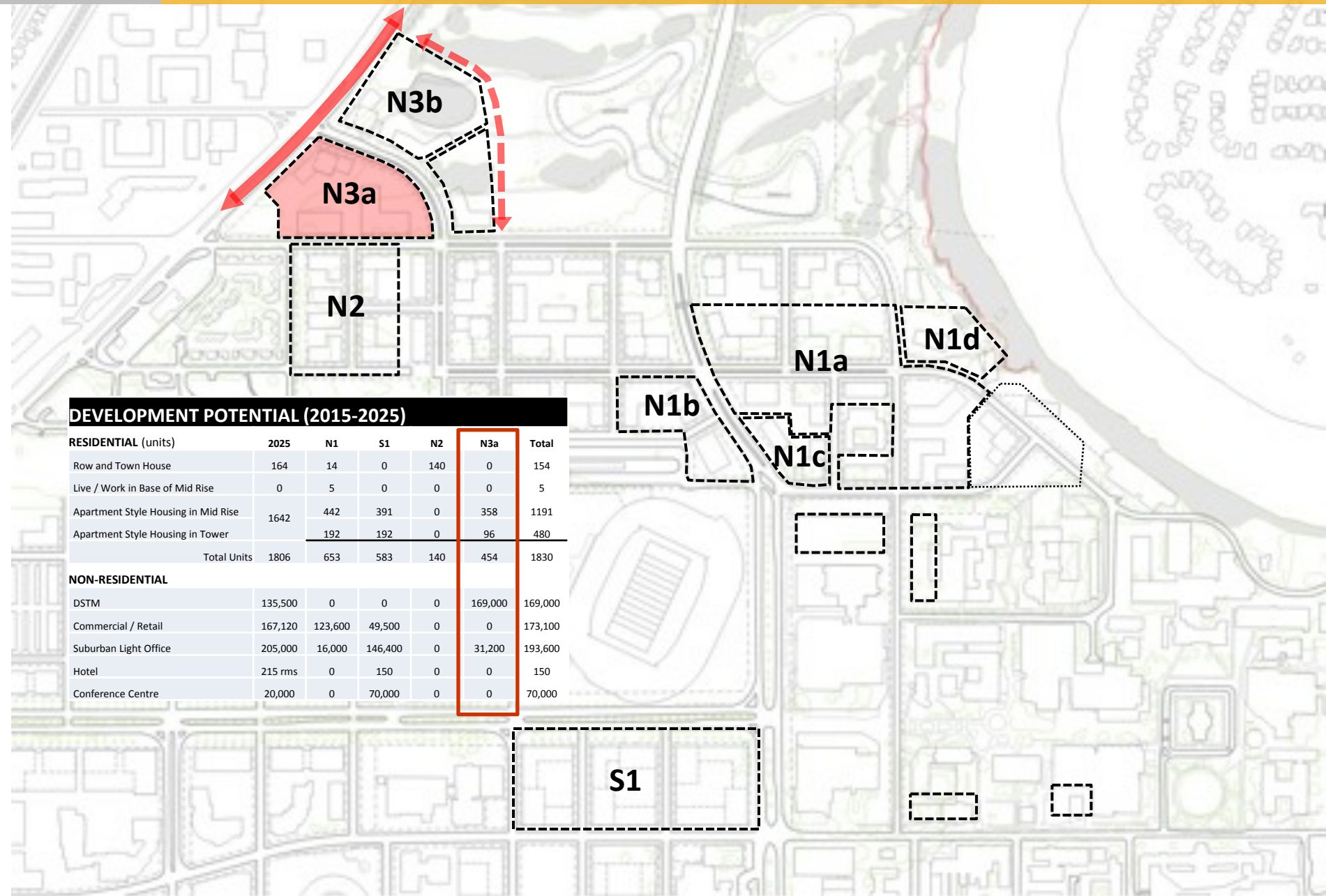
1(b)

continue growth westwards



1(b)

Pembina frontages



DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1	S1	N2	N3a	Total
Row and Town House	164	14	0	140	0	154
Live / Work in Base of Mid Rise	0	5	0	0	0	5
Apartment Style Housing in Mid Rise	1642	442	391	0	358	1191
Apartment Style Housing in Tower		192	192	0	96	480
Total Units	1806	653	583	140	454	1830

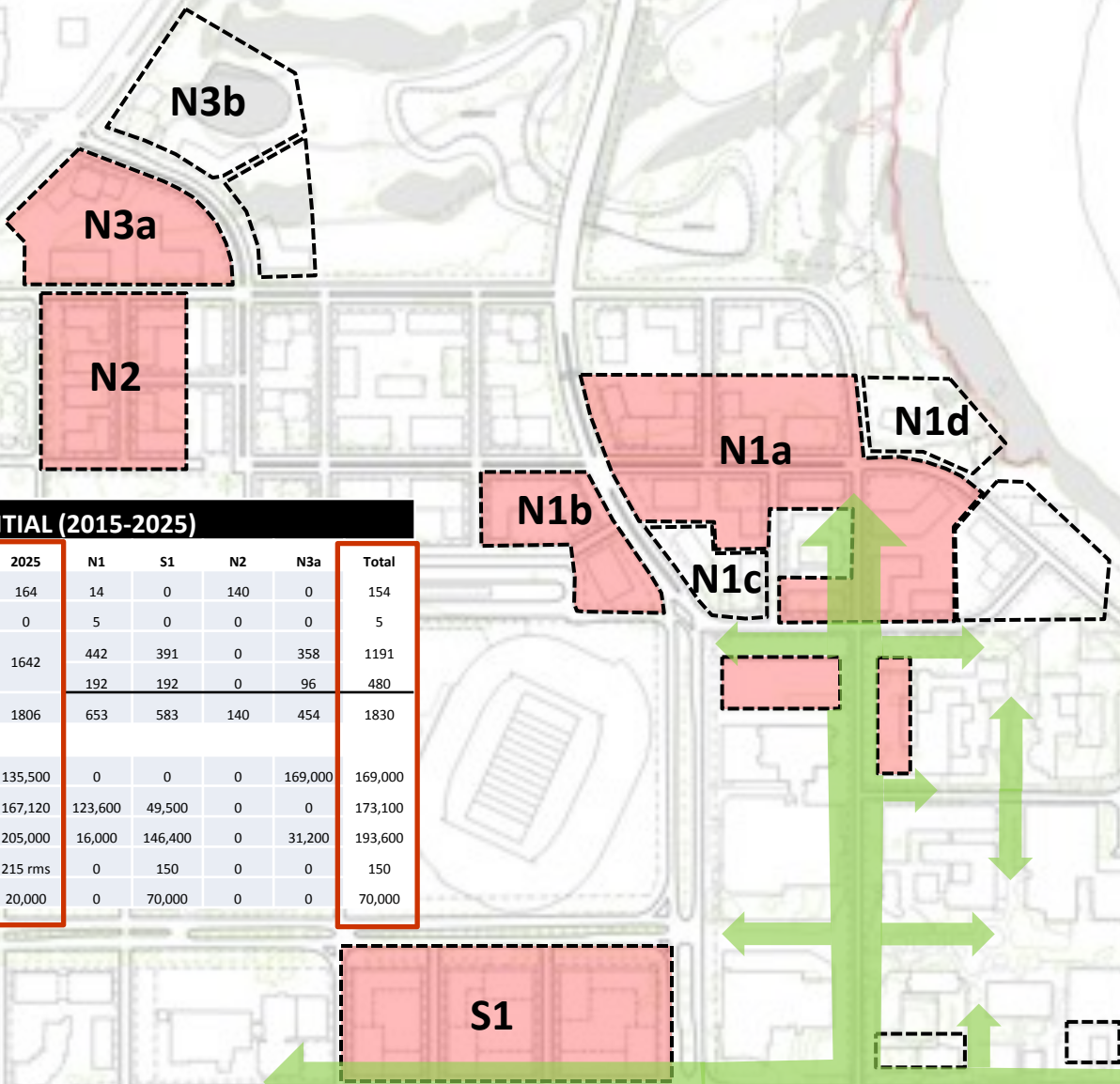
NON-RESIDENTIAL						
DSTM	135,500	0	0	0	169,000	169,000
Commercial / Retail	167,120	123,600	49,500	0	0	173,100
Suburban Light Office	205,000	16,000	146,400	0	31,200	193,600
Hotel	215 rms	0	150	0	0	150
Conference Centre	20,000	0	70,000	0	0	70,000

1(b)

anticipated 10 year potential

DEVELOPMENT POTENTIAL (2015-2025)

RESIDENTIAL (units)	2025	N1	S1	N2	N3a	Total
Row and Town House	164	14	0	140	0	154
Live / Work in Base of Mid Rise	0	5	0	0	0	5
Apartment Style Housing in Mid Rise	1642	442	391	0	358	1191
Apartment Style Housing in Tower		192	192	0	96	480
Total Units	1806	653	583	140	454	1830
NON-RESIDENTIAL						
DSTM	135,500	0	0	0	169,000	169,000
Commercial / Retail	167,120	123,600	49,500	0	0	173,100
Suburban Light Office	205,000	16,000	146,400	0	31,200	193,600
Hotel	215 rms	0	150	0	0	150
Conference Centre	20,000	0	70,000	0	0	70,000

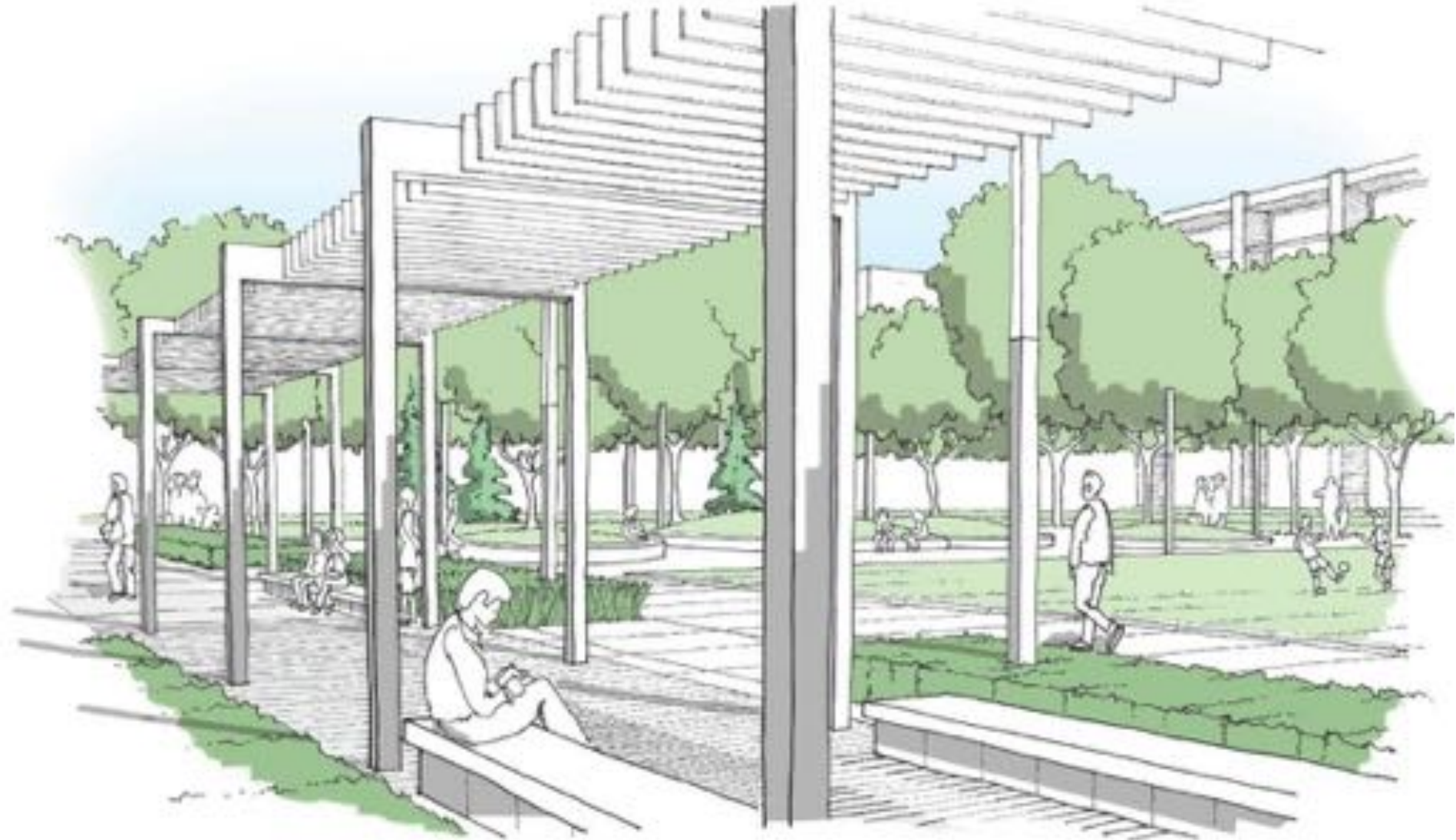


SUSTAINABILITY

designing sustainably: opportunities

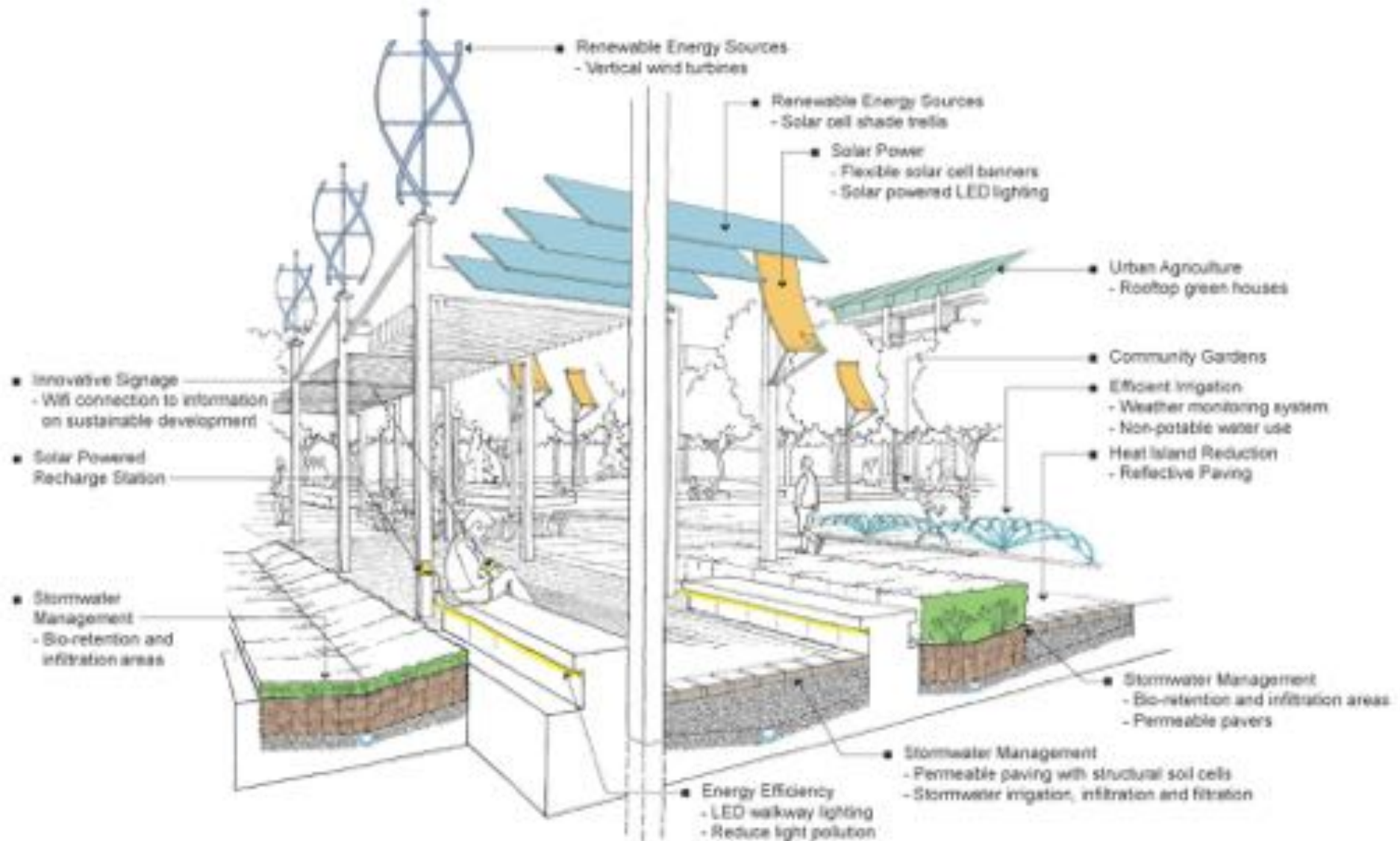
- **Compact complete communities** – walkable, accessible amenities, live where you work
- **Transit oriented development** – car reduction, modal shifts to walking, cycling, car pooling, transit
- **Building orientation and scale** – energy reduction, public realm sun exposure and penetration
- **Building and open space design** – green roofs, solar power, storm water management, district energy
- **Green streets and infrastructure** – trees, landscaping, permeable surfaces, front gardens, storm water management, cycling facilities

designing sustainably: opportunities



A Neighbourhood Park

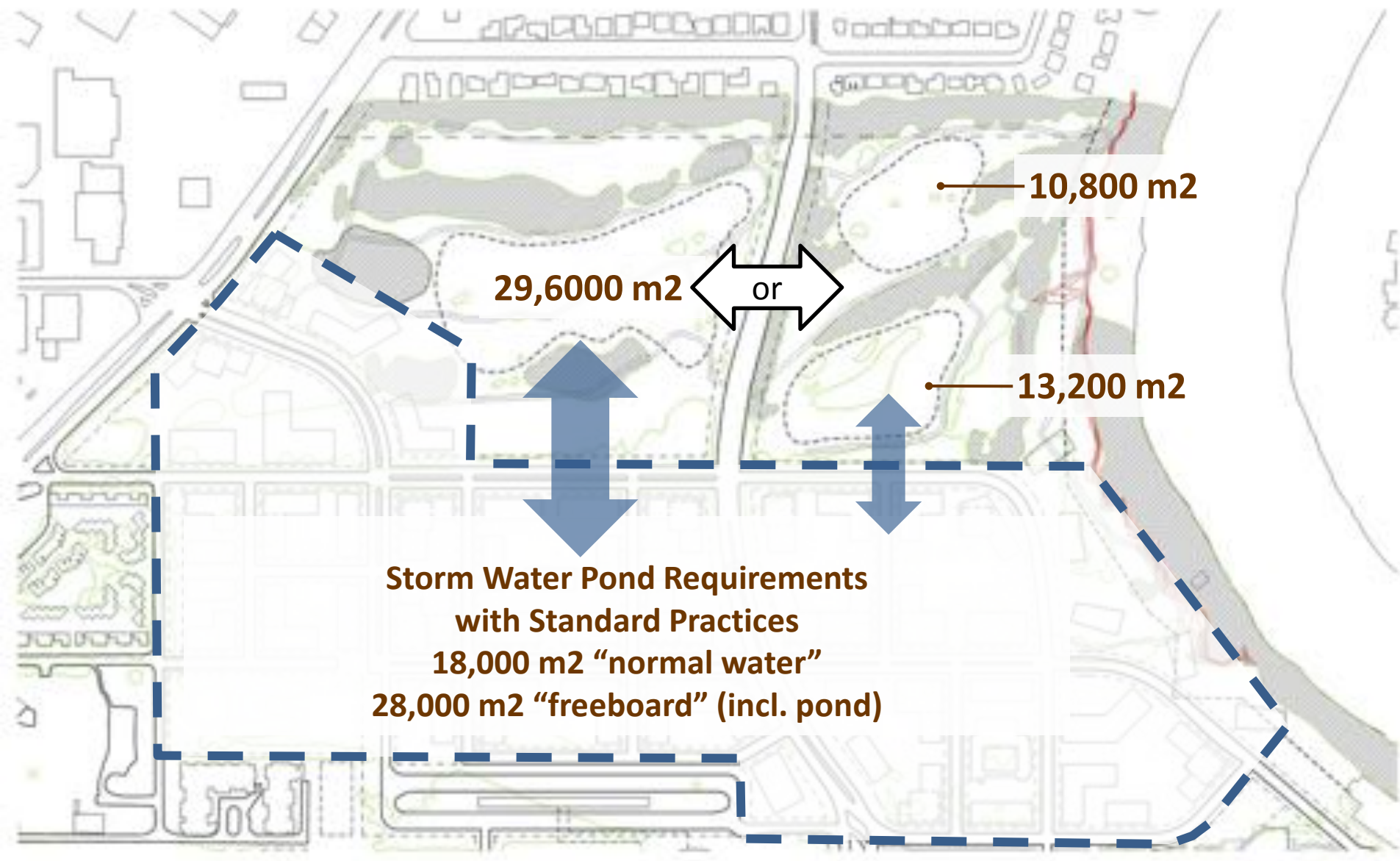
designing sustainably: opportunities



storm water: engineered solutions

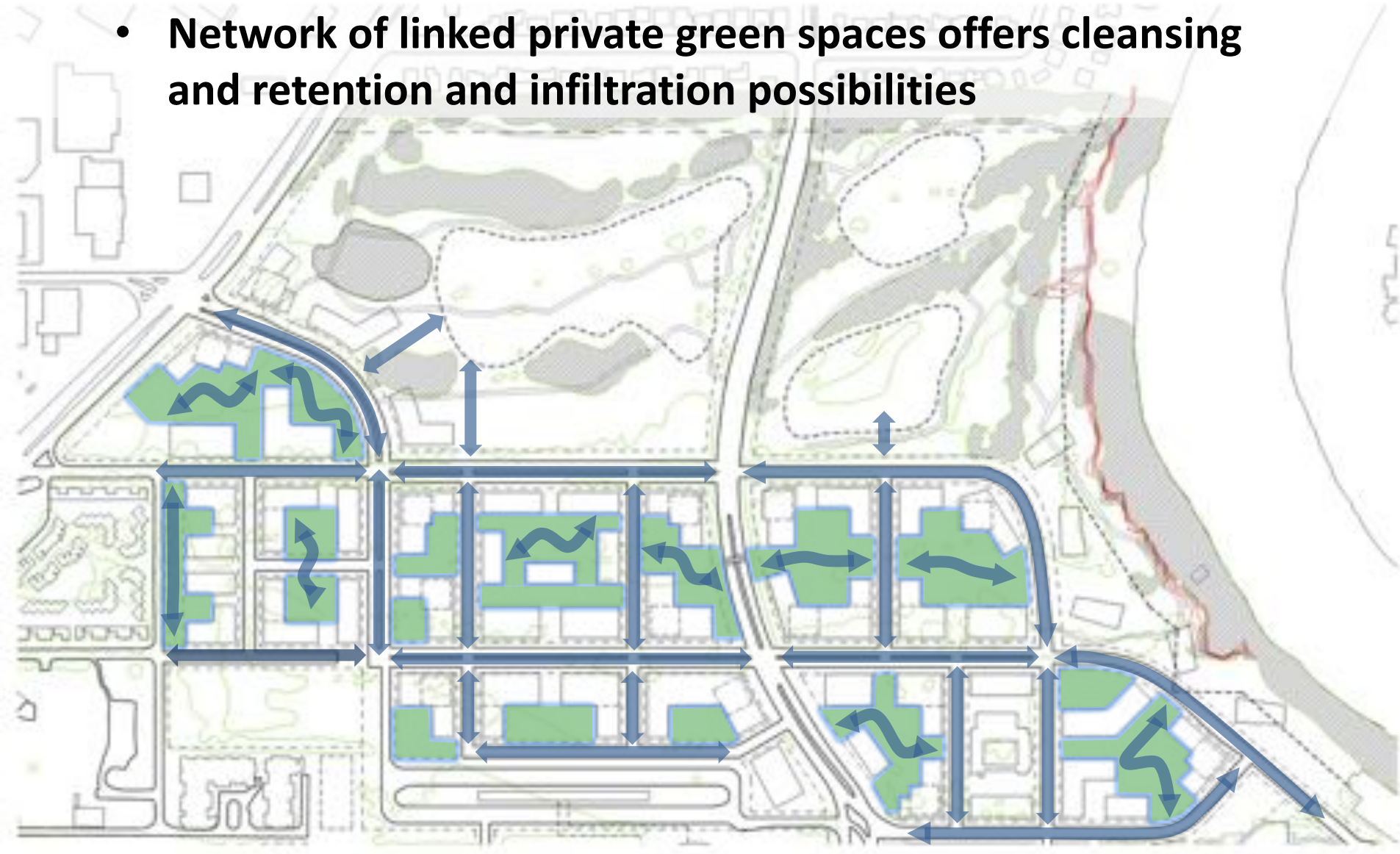


storm water: requirements



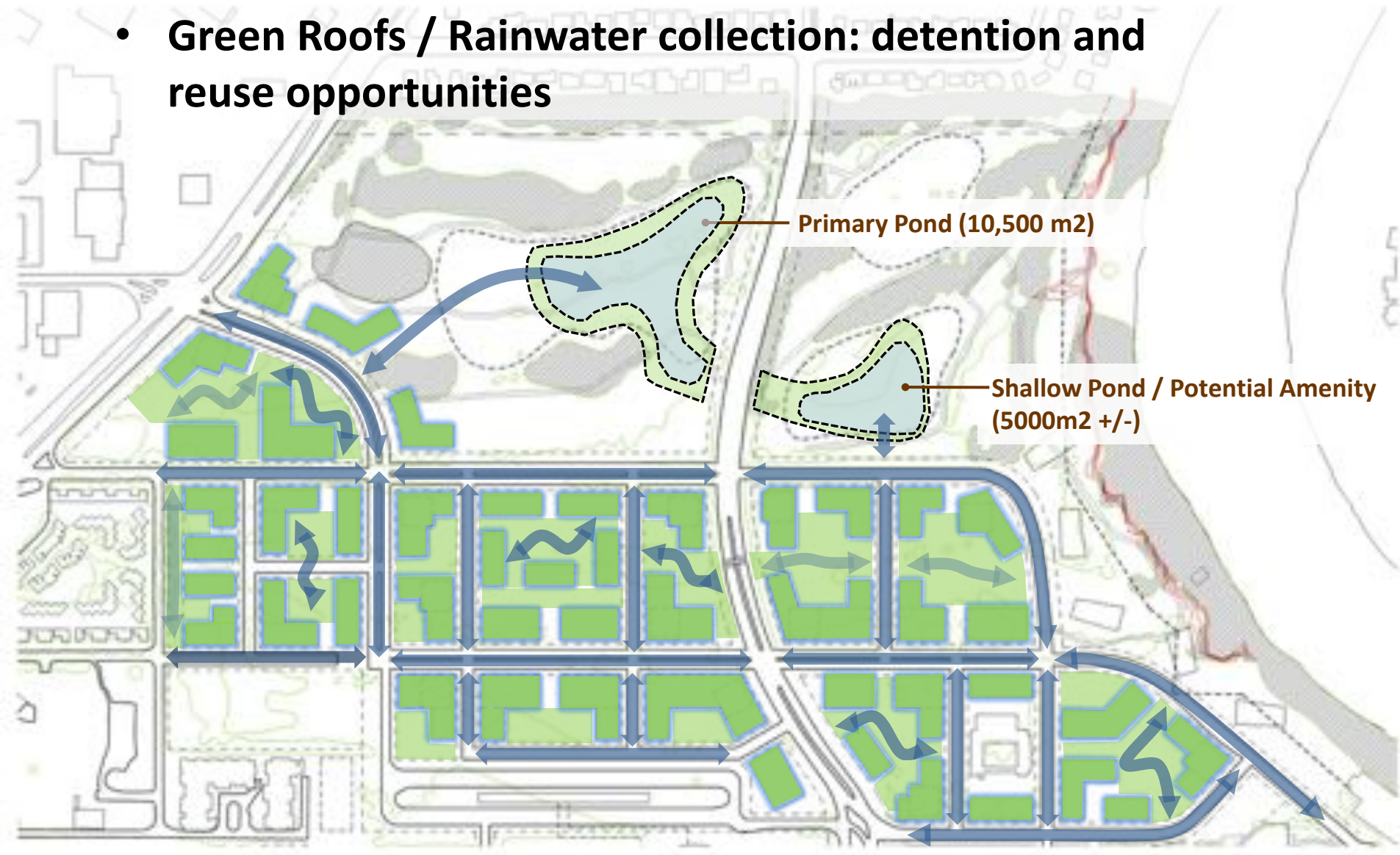
storm water: opportunities

- Network of linked private green spaces offers cleansing and retention and infiltration possibilities



storm water: reduced pond sizes

- **Green Roofs / Rainwater collection: detention and reuse opportunities**



energy phase 1: implications

Core Campus system has limited growth potential

Further conversations with utility Manitoba Hydro:

Additional energy load needs discussion to understand grid capacity and infrastructure requirements

Viability of district energy / 3rd party partners:

Best with mixed-use

Best if clustered phasing

NEXT STEPS

next steps

- **Detailed Landscape Strategies**
- **Ongoing engagement with:**
 - Indigenous Elders Working Group, Elders, Youth,...
 - Stakeholders (internal and external)
 - Community (internal and external)
- **Further integration of sustainability, transportation, and civil engineering**
- **Report Development**

Thank you
comments / questions?

VISIONARY
(re)GENERATION
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UNIVERSITY
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Janet
Rosenberg
& Studio

Cibinel Architects

DIALOG

