



Country / City
University / School
Academic year
Title of the project
Authors

Canada / Calgary
University of Calgary / Faculty of Environmental Design
2017/2018
A cross-scalar landscape approach to urban infrastructure in Inglewood & Ramsay. TRAIN GARDENS
Justin Bhatia





PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

TECHNICAL DOSSIER

Title of the project	A cross-scalar landscape approach to urban infrastructure in Inglewood & Ramsay. TRAIN GARDENS
Authors	Justin Bhatia
Title of the course	Landscape Architecture Studio II
Academic year	2017/2018
Teaching Staff	Enrica Dall'Ara
Department/Section/Program of belonging	Master of Landscape Architecture
University/School	University of Calgary / Faculty of Environmental Design

Indigenous peoples have been coming to the confluence of the Bow and Elbow rivers for millennia. European settlement started with a fort followed quickly by a railroad. In a twist of fate, the area that was to be the center of the new town of Calgary became an afterthought when Canadian Pacific Rail (CPR) positioned its station (and thus the city center) where Downtown Calgary is today. Ramsay and Inglewood, both separated and connected by the CPR, developed into industrial areas with worker's housing throughout.

Today, Ramsay is characterized by single-family homes and prominent and varied topography that facilitates great views into Inglewood and Downtown. Taking advantage of the shortest route, dog walkers and pedestrians have beaten informal paths along the fence separating Ramsay from the CPR right-of-way and, in turn, Inglewood. These informal paths along with gravel alleys connect a series of triangular green spaces on the undeveloped slopes.

Train Gardens stitches together existing desire lines by capitalizing on the construction of the Green Line, a new light-rail transit route coming to the community. Steel rail is used to "dress up" the existing chain-link fence creating a choreographed pedestrian experience. Local breweries can use hops planted along the fencing for a community inspired beer. Showy winter species bring colour year round. Viewing decks celebrate the flow of trains to and from the adjacent rail yards to the west. A western and Blackfoot medicinal healing garden is planted on a terraced hill and native species in lawned areas reduce maintenance.

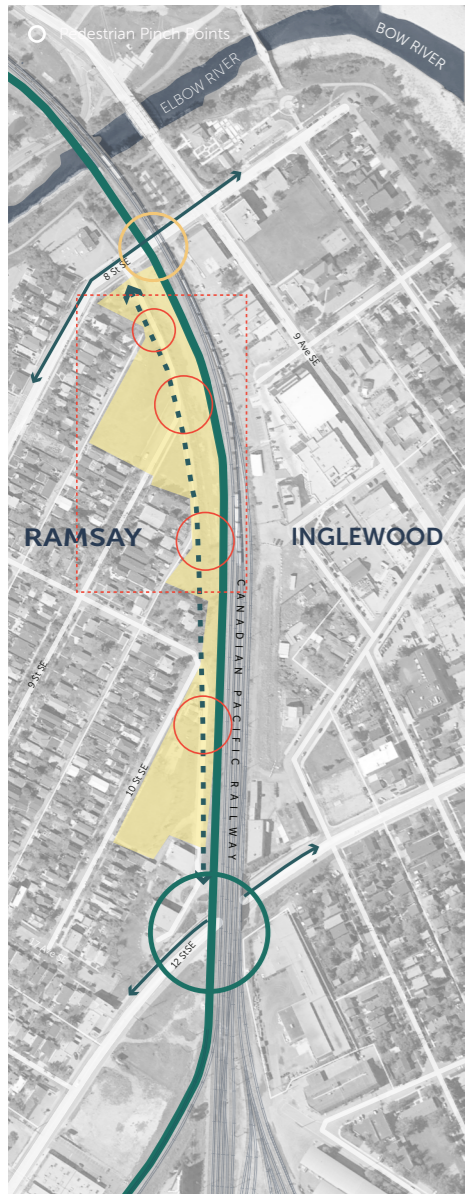
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Consult the web page <http://landscape.coac.net/>



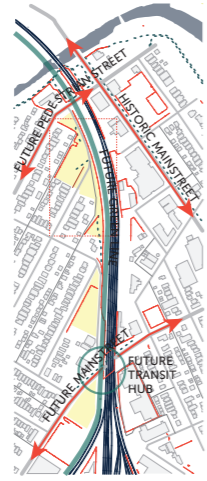
PATH + PLACE : Site Context



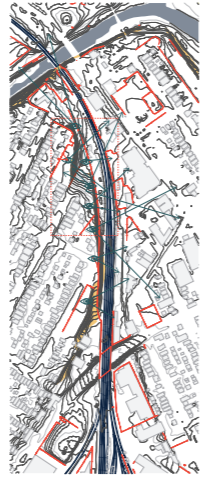
URBAN FABRIC
 ■ Built Form
 ■ Leftover Space



HOME + INDUSTRY
 ■ Residential
 ■ Industrial/Mixed Use



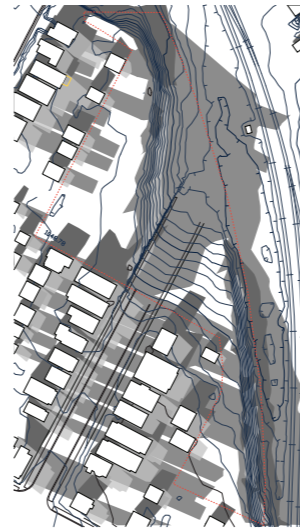
CIRCULATION
 - Major Connection
 - Pedestrian Route
 - Fence
 - Retaining Wall



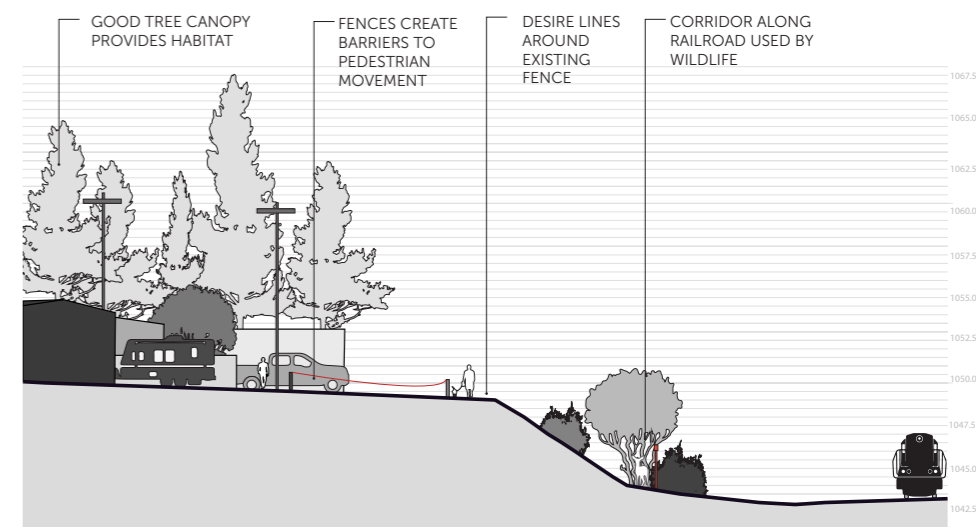
SLOPE + BARRIERS
 - Fence
 - Retaining Wall
 - Steep Slope
 - Canadian Pacific Rail



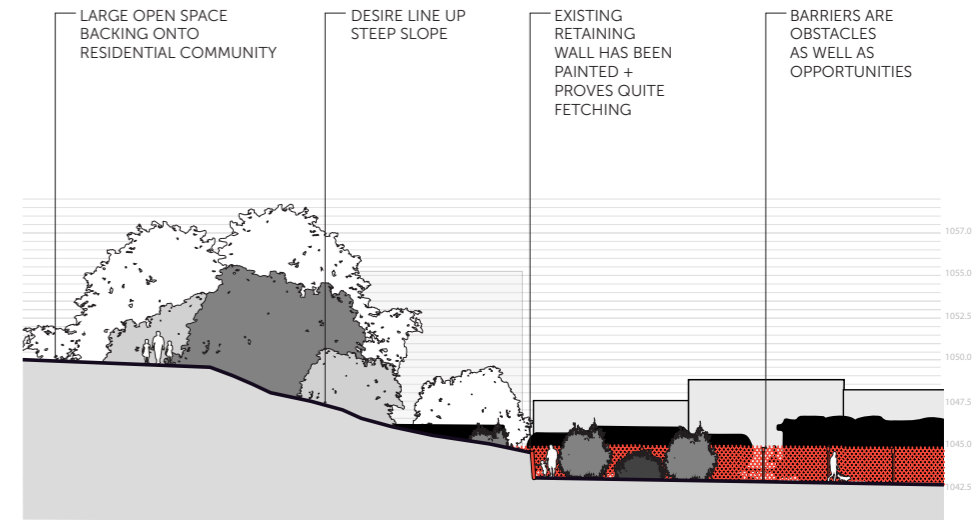
ANALYSIS: Existing Site Conditions



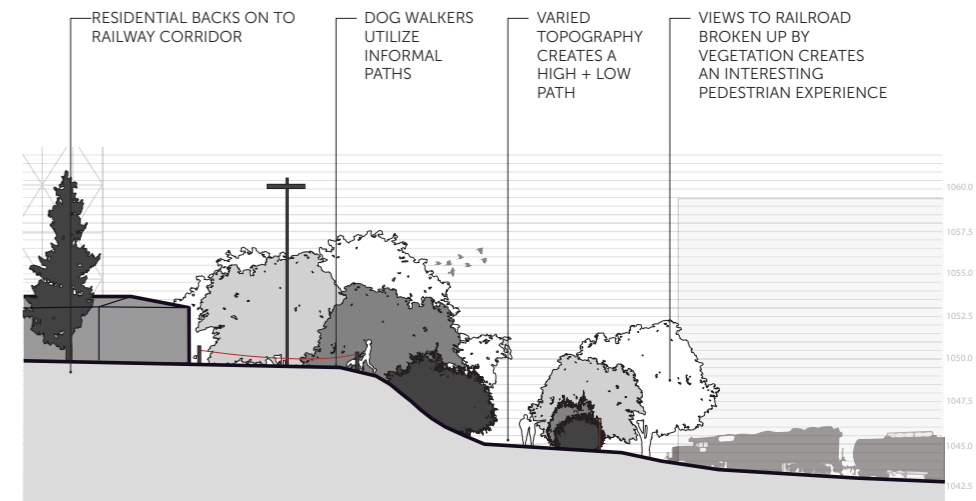
SEASONAL SUN
 ■ March 21, 17:00
 ■ June 21, 17:00
 ■ December 21, 12:00



SECTION AA: Looking northwest from northern pinch point



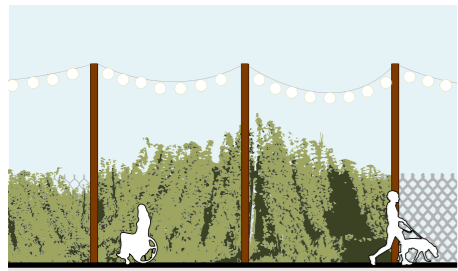
SECTION BB: Looking into Inglewood along retaining wall



SECTION CC: Looking northwest from southern pinch point

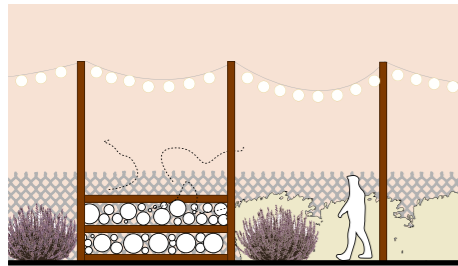
OBSTACLES TO PEDESTRIAN MOVEMENT INFLUENCE DESIRE LINES THAT CONNECT INFORMAL PATHS. A CHAIN LINK FENCE ATTRACTS SPONTANEOUS VEGETATION GROWTH. SITE TOPOGRAPHY CREATES A SERIES OF OUTDOOR ROOMS OVERLOOKING HISTORIC NEIGHBORHOODS, A WORKING RAILWAY + FUTURE TRANSIT CORRIDOR.





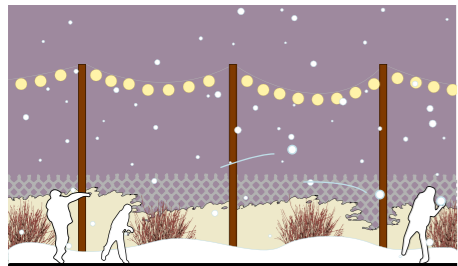
HOPS GROWING ALONG FENCE CAN BE USED BY LOCAL BREWERIES + A PAVED PATH IMPROVES ACCESSIBILITY

A FENCE FOR 4 SEASONS



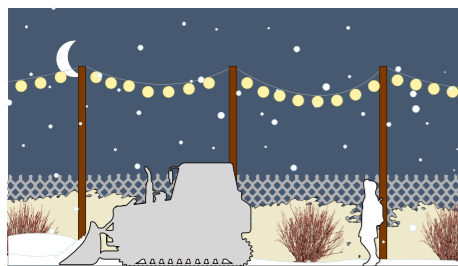
PLANTINGS ALONG FENCE + "BUZZ" STOPS PROVIDE HABITAT FOR POLLINATORS

24 HOURS A DAYS

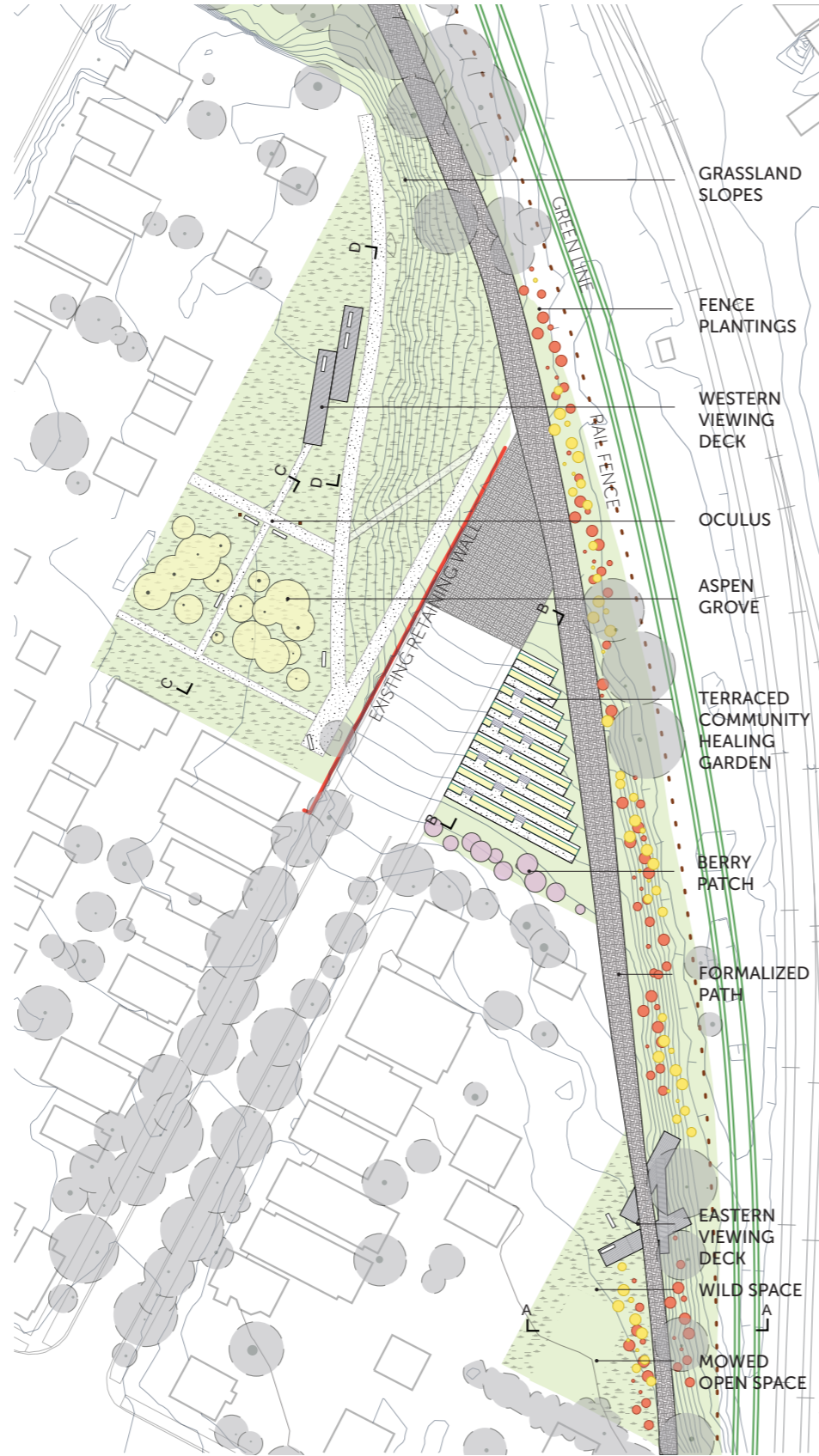


LIGHTING + SHOWY WINTER PLANT SELECTION MAKE A PATH INTO A PLACE

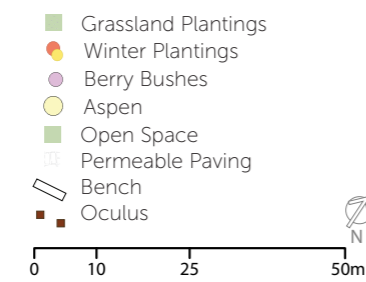
365 DAYS A YEAR



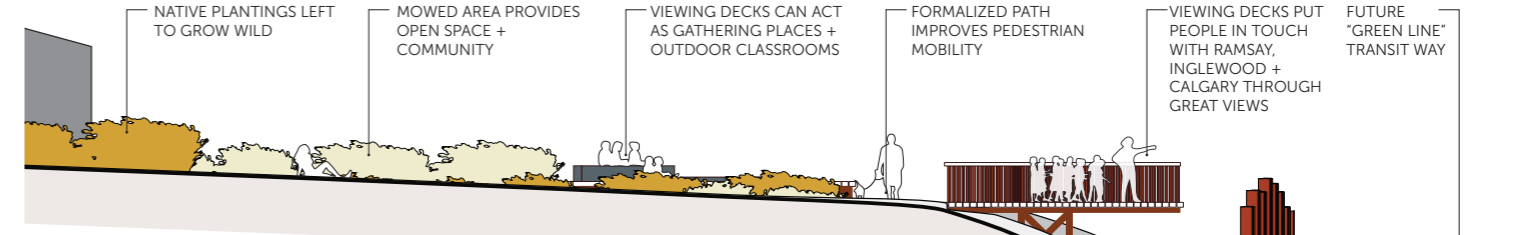
FORMALIZED PATH ALLOWS FOR SNOW CLEARANCE IN WINTER



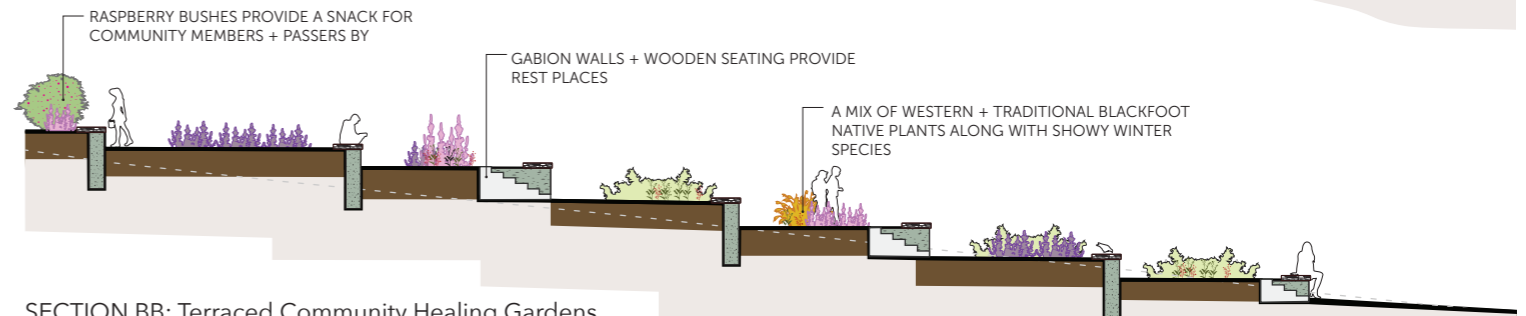
TRAIN GARDENS : Plan



Eastern Viewing Deck



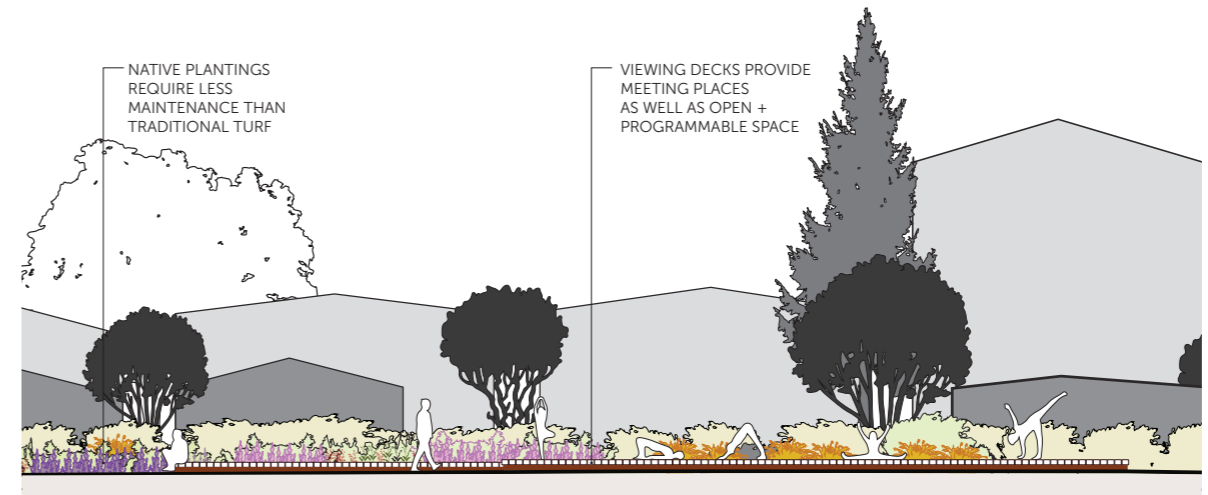
SECTION AA: Mowed Open Space and Eastern Viewing Deck



SECTION BB: Terraced Community Healing Gardens



SECTION CC: Aspen Grove + Oculus



SECTION DD: Western Viewing Deck

TRAIN GARDENS CELEBRATE HISTORY + CHOREOGRAPH PEDESTRIAN EXPERIENCE

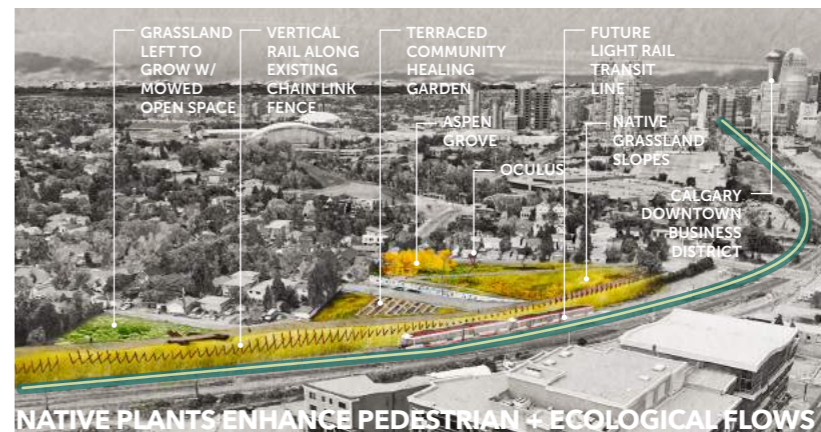




VIEW INTO DOWNTOWN FROM TERRACED COMMUNITY HEALING GARDEN



EASTERN TRAIN GARDEN VIEWING DECK FROM INGLEWOOD



NATIVE PLANTS ENHANCE PEDESTRIAN + ECOLOGICAL FLOWS

PEDESTRIAN CONNECTION TO INFRASTRUCTURE + ECOLOGIES

