



CITIZEN'S ADVISORY COMMITTEE PUBLIC REALM CONCEPT PRESENTATION

October 25, 2018

IMAGINE. DISCOVER. CULTIVATE.

AGENDA

- Placemaking Study Overview
- Public Space Design Character and Concepts / Updated Visuals



PLACEMAKING STUDY OVERVIEW

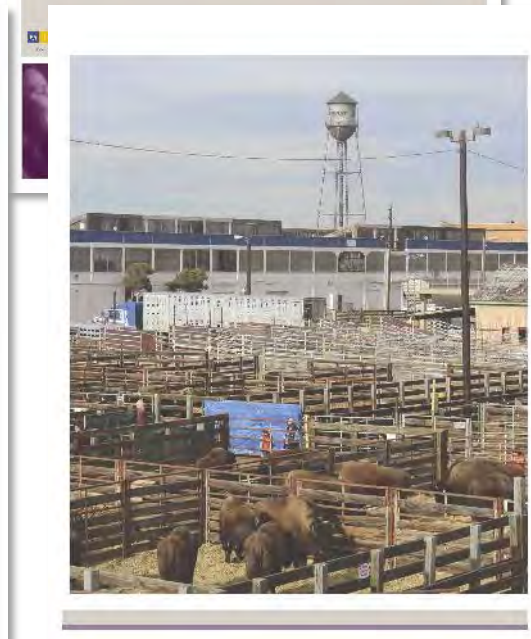
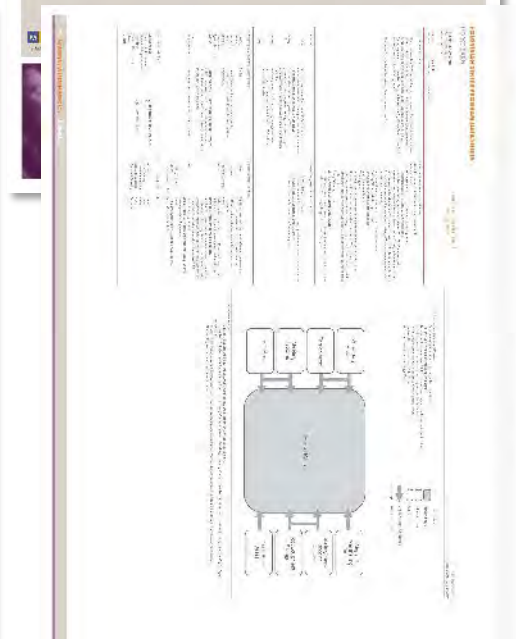


Placemaking Task Order Overview

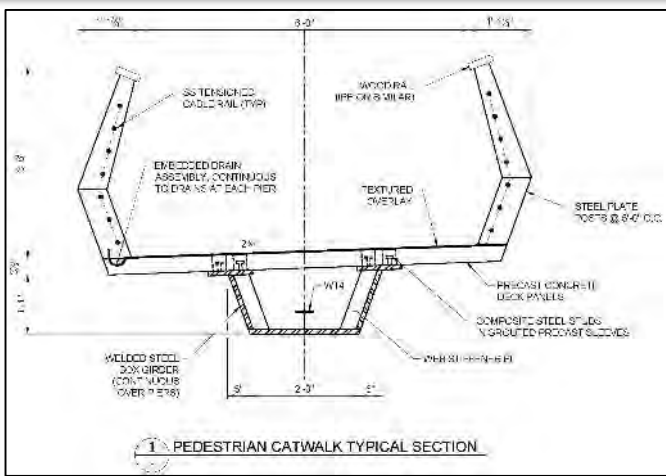
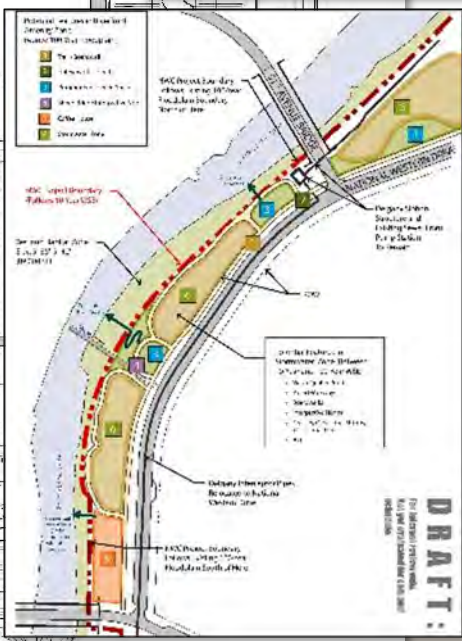
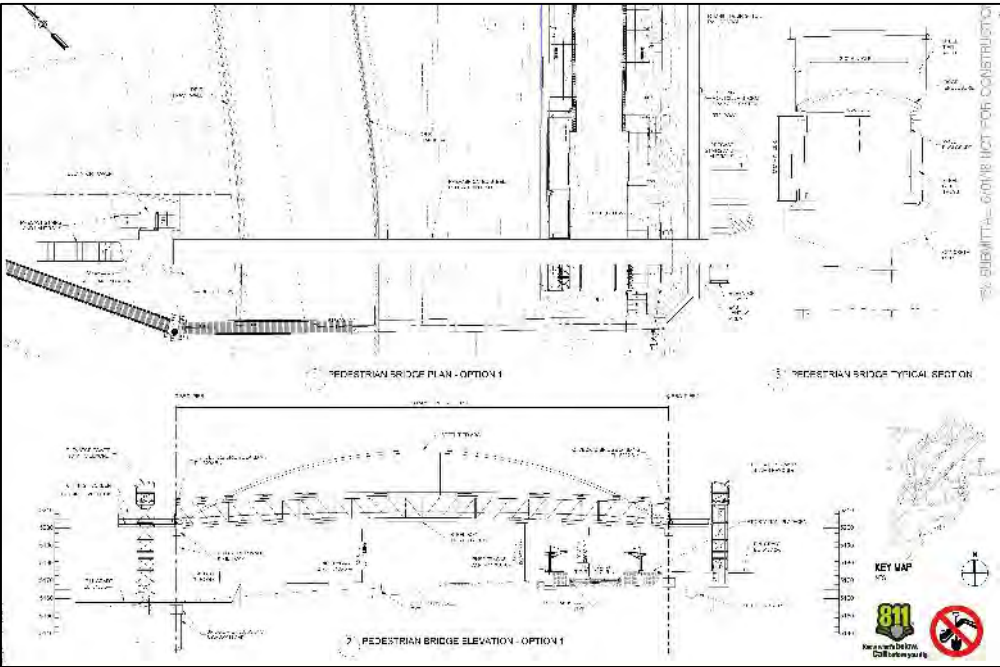
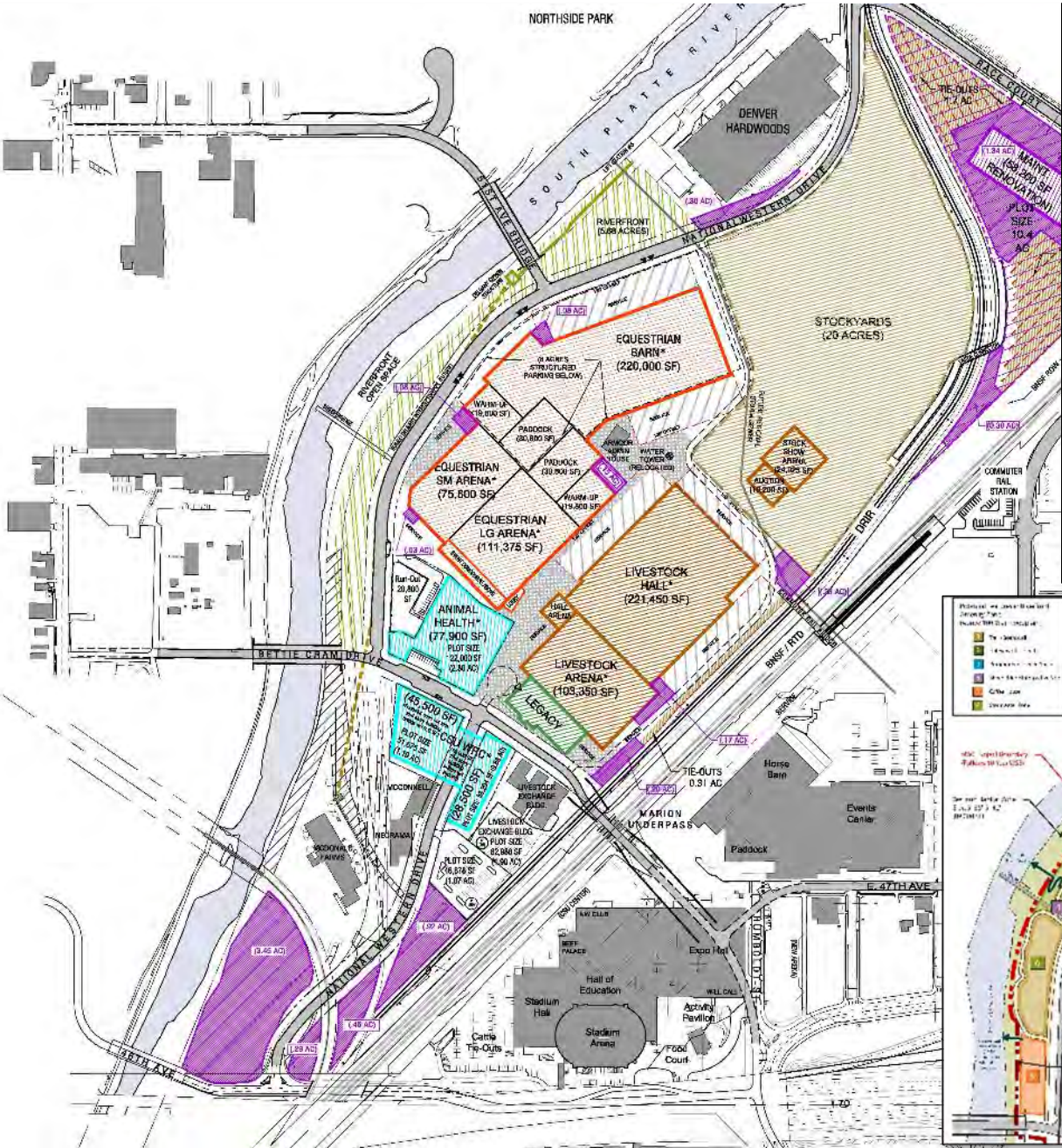
TO #1	TO #2	TO #3	TO #4
✓ Project Management	✓ Project Management	✓ Project Management	✓ Project Management
✓ Public Engagement	✓ Public Engagement	✓ Public Engagement	✓ Public Engagement
✓ Program Refinement: Ph 1&2 Facilities & Associated Spaces	✓ Site controlling Conditions	✓ Character Areas Detail	✓ Design Guidelines
✓ Market & Event Analysis	✓ Site Plan Update	✓ User Experience	
✓ Public Space Report	✓ Utilities	✓ Street ROW	
✓ Outreach Videos	✓ Street ROW	✓ Public Spaces	
✓ Campus Cultural Plan	✓ Grading	✓ FOH / BOH	
	✓ Bridges, Catwalks	✓ Ped / Multi-modal Connections	
	✓ Stockyards Design	✓ Architectural Character	
	✓ Traffic Study	✓ Signage / Wayfinding	
	✓ Delgany / Riverfront Preliminary	✓ Site Security	
	✓ Preliminary Illustrative	✓ Zoning Review	
		✓ Graphics / Model	
		✓ Prelim DGs	



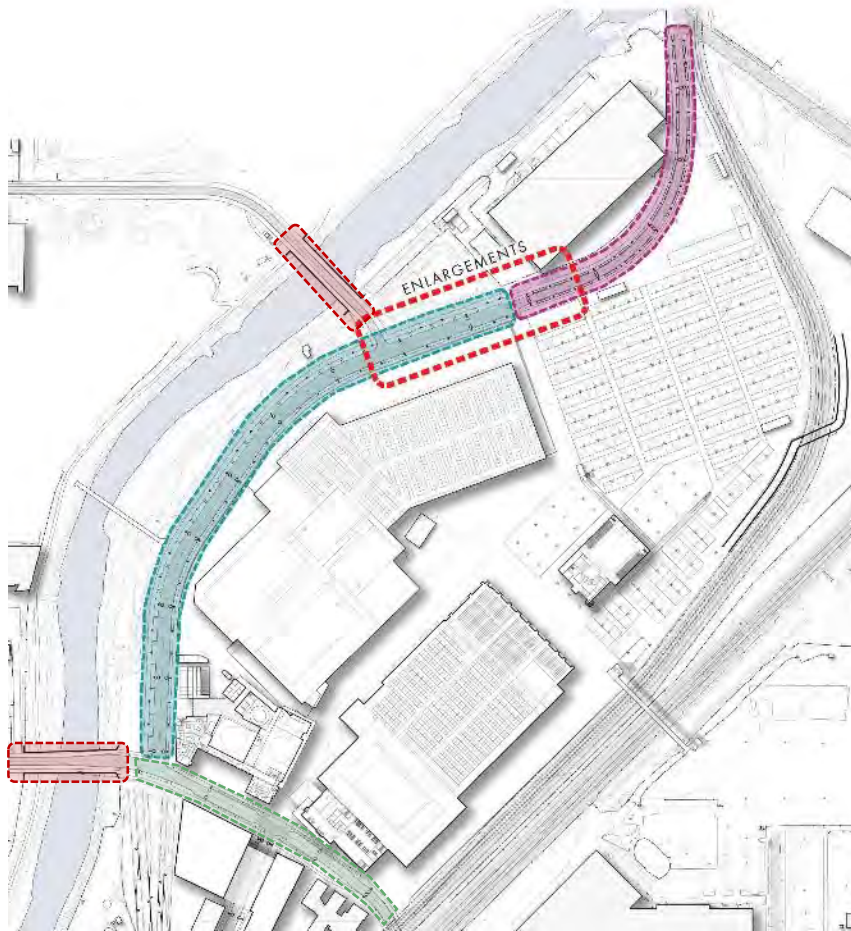
Task Order #1 – Programming Refinement and Background Reports



Task Order #2 – Site Planning / Infrastructure



Task Order #3 – Public Realm Character and Concepts



"GRAND PLAZA"				
PROGRAM USE	SPACE/PERSON (SF)	AREA (SF)	CAPACITY (PEOPLE)	
1	Egress	13	13,000	1,600
2	Egress	13	13,000	1,600
3	Egress	13	13,000	1,600
4	Semi-structured Event	13	22,800	5,250
5	Outdoor Performance	4.5	10,500	11,666

CENTRAL COURT				
PROGRAM USE	SPACE/PERSON (SF)	AREA (SF)	CAPACITY (PEOPLE)	
1	Egress	13	103,800	10,380
2	Semi-structured Event	13	110,800	10,380
3	Egress	13	143,000	14,300
4	Egress	13	143,000	14,300
5	Semi-structured Event	13	143,000	14,300

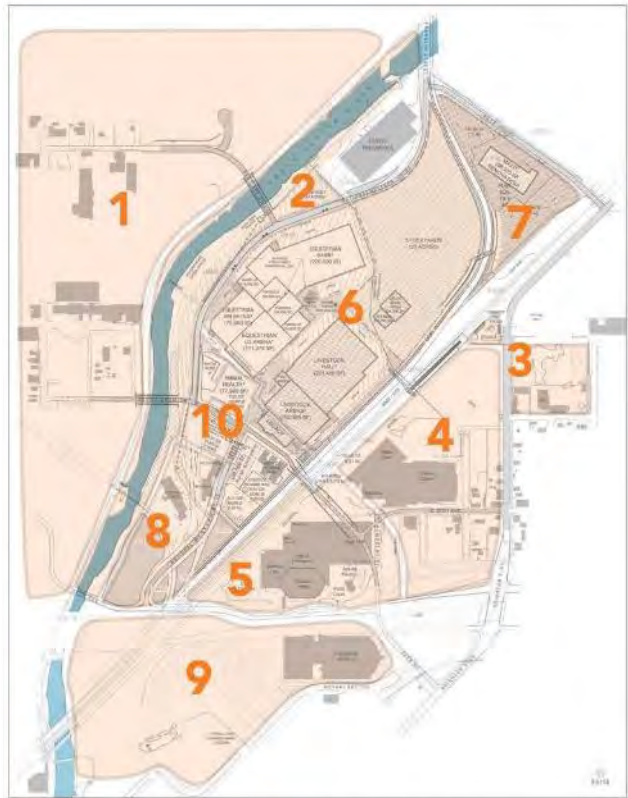
STOCKYARDS				
PROGRAM USE	SPACE/PERSON (SF)	AREA (SF)	CAPACITY (PEOPLE)	
1	Semi-structured Event	13	121,200	12,150
2	Outdoor Performance	4.5	121,800	27,000
3	Semi-structured Event	13	580,200	58,020
4	Semi-structured Event	13	580,200	126,933
5	Outdoor Performance	4.5	580,200	126,933

EQUESTRIAN PLAZA				
PROGRAM USE	SPACE/PERSON (SF)	AREA (SF)	CAPACITY (PEOPLE)	
1	Egress	13	15,900	2,590
2	Semi-structured Event	13	25,900	2,590
3	Outdoor Performance	4.5	15,900	5,755

LIVESTOCK EXCHANGE PLAZA				
PROGRAM USE	SPACE/PERSON (SF)	AREA (SF)	CAPACITY (PEOPLE)	
1	Egress	13	9,700	970
2	Semi-structured Event	13	9,700	970
3	Outdoor Performance	4.5	9,700	2,155



Task Order #4 – Design Standards and Guidelines



CHARACTER AREAS Defining Features and Uses

- | | |
|---|--|
| 1 Globeville Neighborhood | 6 Equestrian Center, Livestock Center and Stockyards |
| 2 South Platte River | 7 Maintenance and Operations |
| 3 NWCC Station and Elyria Neighborhood North | 8 South Campus |
| 4 New Arena and Trade Show/Exhibition Hall and West Elyria Neighborhood | 9 Denver Coliseum |
| 5 Colorado Commons and Stadium Arena | 10 Bettie Cram Drive/Main Street (CSU/WSSA/Livestock Exchange) |



**PUBLIC SPACE DESIGN CHARACTER AND
CONCEPTS/ UPDATED VISUALS:**

**COMMON THREAD
INTERPRETATION
EDUCATION**



MISSION

To convene the world at the National Western Center to lead, inspire, create, educate, and entertain in pursuit of global food solutions.

VISION

Be the global destination for agricultural heritage and innovation.

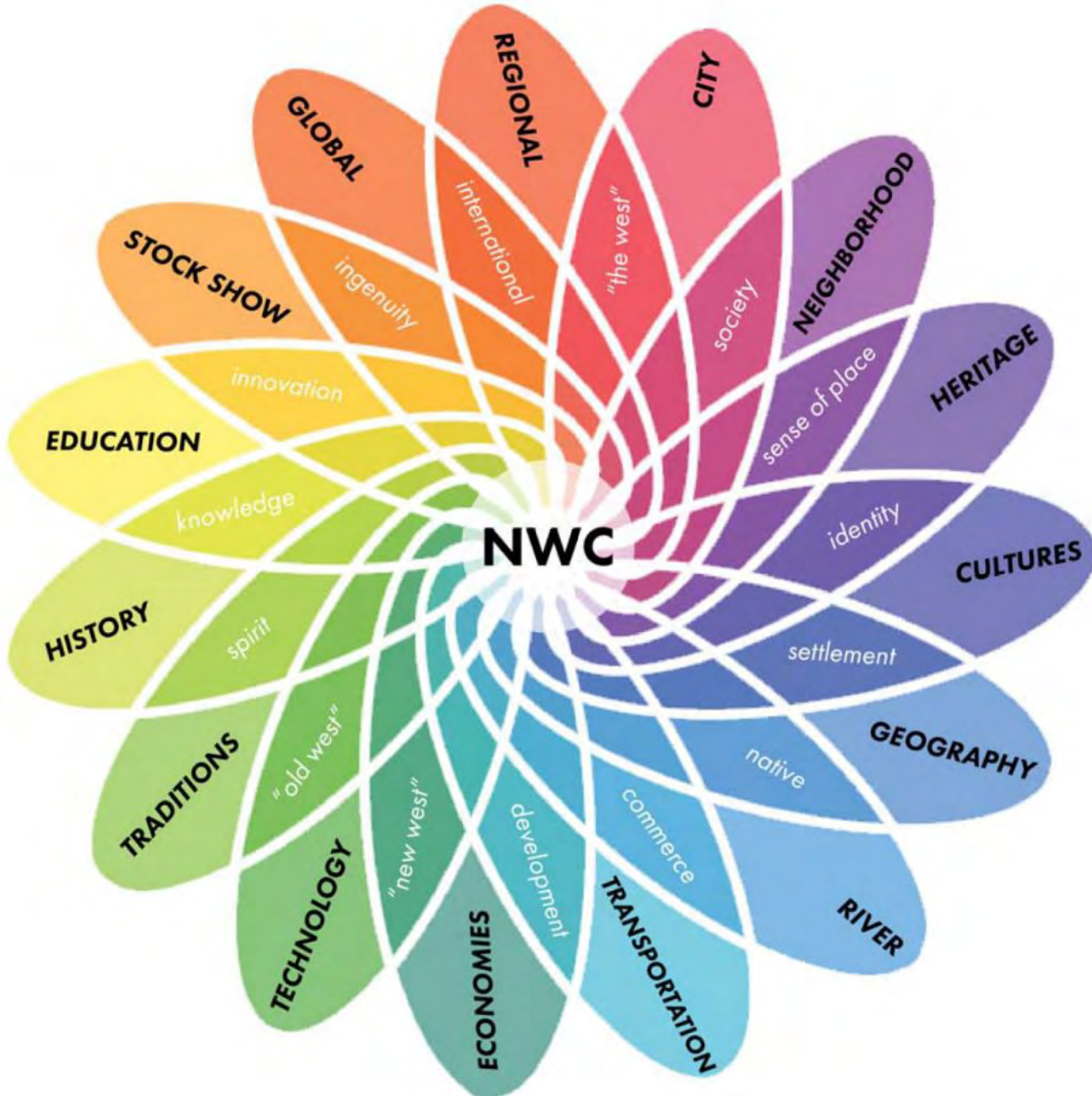


COMMON THREAD: CONVERGE AND PIVOT

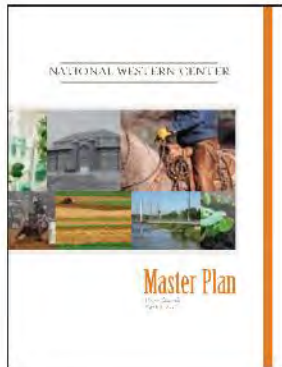
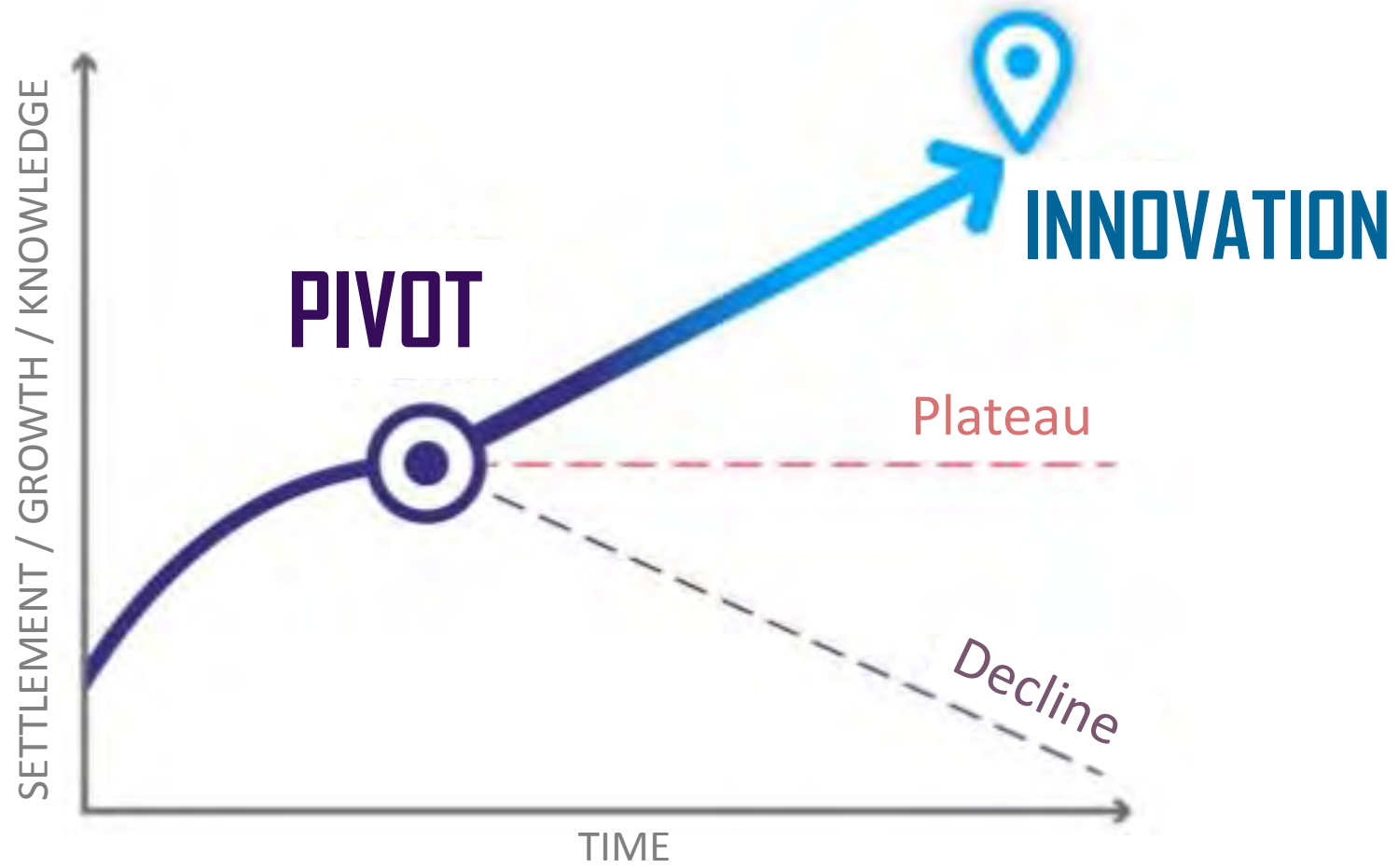
This is where we come together to ***remember, celebrate and learn*** from our continual efforts to ***respond to, adapt to and solve*** challenges related to water, agriculture and our environment.



CONVERGE



PIVOT



COMMON THREAD



People



Environment



Livestock



Railroad



**Drainage, River
and Flooding**



**Food and
Agriculture**



Industry



**Highways and
Other Infrastructure**



COMMON THREAD



People

- **Converge:** Native Americans, Early Settlers, Immigrant Families
- **Pivot:** Globeville and Elyria Swansea Neighborhoods, Neighborhood Engagement and Leaders, Neighborhood Plans, Entrepreneurs
- **Innovate:** Research, Education, Workforce Development, Community Space, Neighborhood Serving Commercial, Small Business Incubation



Drainage, River and Flooding

- **Converge:** Channelizing of South Platte River, Historical Floods (e.g., 1965)
- **Pivot:** Park to Platte, Globeville Landing, Urban Waterways, BMP's
- **Innovate:** *Removal of Barriers to the River*, Campus Water Quality, OneWater, Water Resource Center, Revitalize Riverfront



COMMON THREAD



Environment

- **Converge:** Site contamination, historic industrial uses, spills, climate change
- **Pivot:** Remediation, monitoring, environmental modeling
- **Innovate:** Renewable energy, clean technology, Net Zero, Healing the Environment



Food and Agriculture

- **Converge:** Urban and rural, high desert climate, local vs. global, overpopulation, mass urbanization
- **Pivot:** Healthy food, feeding 9 billion people, resiliency
- **Innovate:** Community gardens, research gardens, vertical agriculture, fruit and nut bearing trees, ag. tech, business and research, Water Resource Center, 4H, education and research



COMMON THREAD



Livestock

- **Converge:** Stockyards, National Western Stock Show, animal husbandry, breeding, meat packing and processing, transporting livestock on rail
- **Pivot:** NWC Master Plan, Commitment to existing (expanded) site, competition
- **Innovate:** Multi-purpose stockyards, new era of Stock Show, online auctioning



Industry

- **Converge:** Employment, Commerce, Links to river, rail and highway, Pollution, Nuisances (noise, smell, traffic, etc.)
- **Pivot:** Re-imagining NWC, Washington Street Corridor, Brighton Boulevard
- **Innovate:** Industrial flex, OED and CPD mixed use center, Clean tech, agri-business, Links to RiNo, Anschutz and Airport (DEN), Research, Innovation Triangle



COMMON THREAD



Railroad

- **Converge:** Mainline through Wyoming, BNSF, Livestock, Industry, Denver Rock Island Railroad (DRIR), Forney Museum
- **Pivot:** RTD North Metro Line, BNSF expansion, DRIR relocation, separated grade crossings
- **Innovate:** Multimodal solutions, mobility hubs, autonomous solutions, education

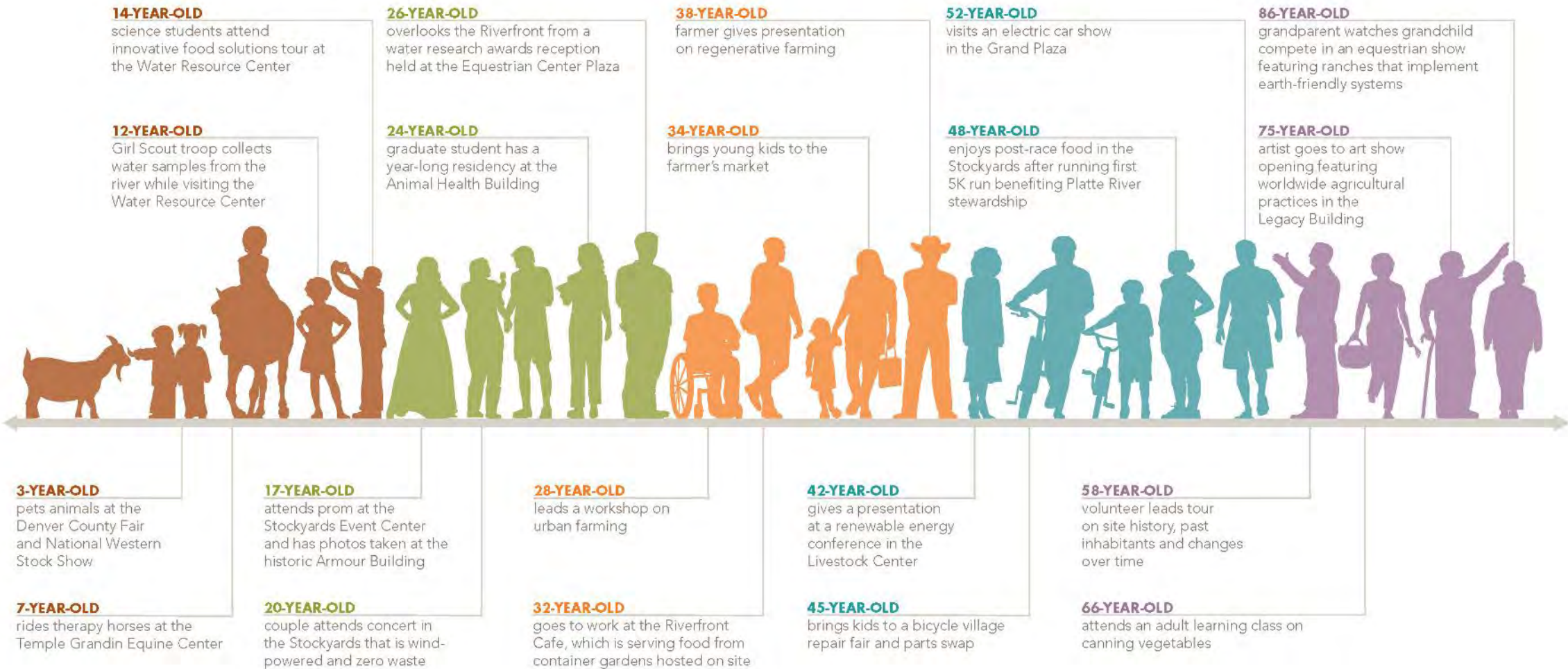


Highways and Other Infrastructure

- **Converge:** Original road connections, Delgany Interceptor, Regional Stormwater
- **Pivot:** Brighton Boulevard, Park to Platte, Globeville Landing Outfall
- **Innovate:** Washington Street, Bettie Cram Drive, National Western Drive, Bridges across the Platte, Pedestrian bridge over consolidated rail



COMMON THREAD



DESIGN CHARACTER / UPDATED VISUALS:

PUBLIC SPACE FRAMEWORK



ORGANIZING FRAMEWORK



CIVIC



RIVER



PROMENADE



RAILROAD



PASSAGE



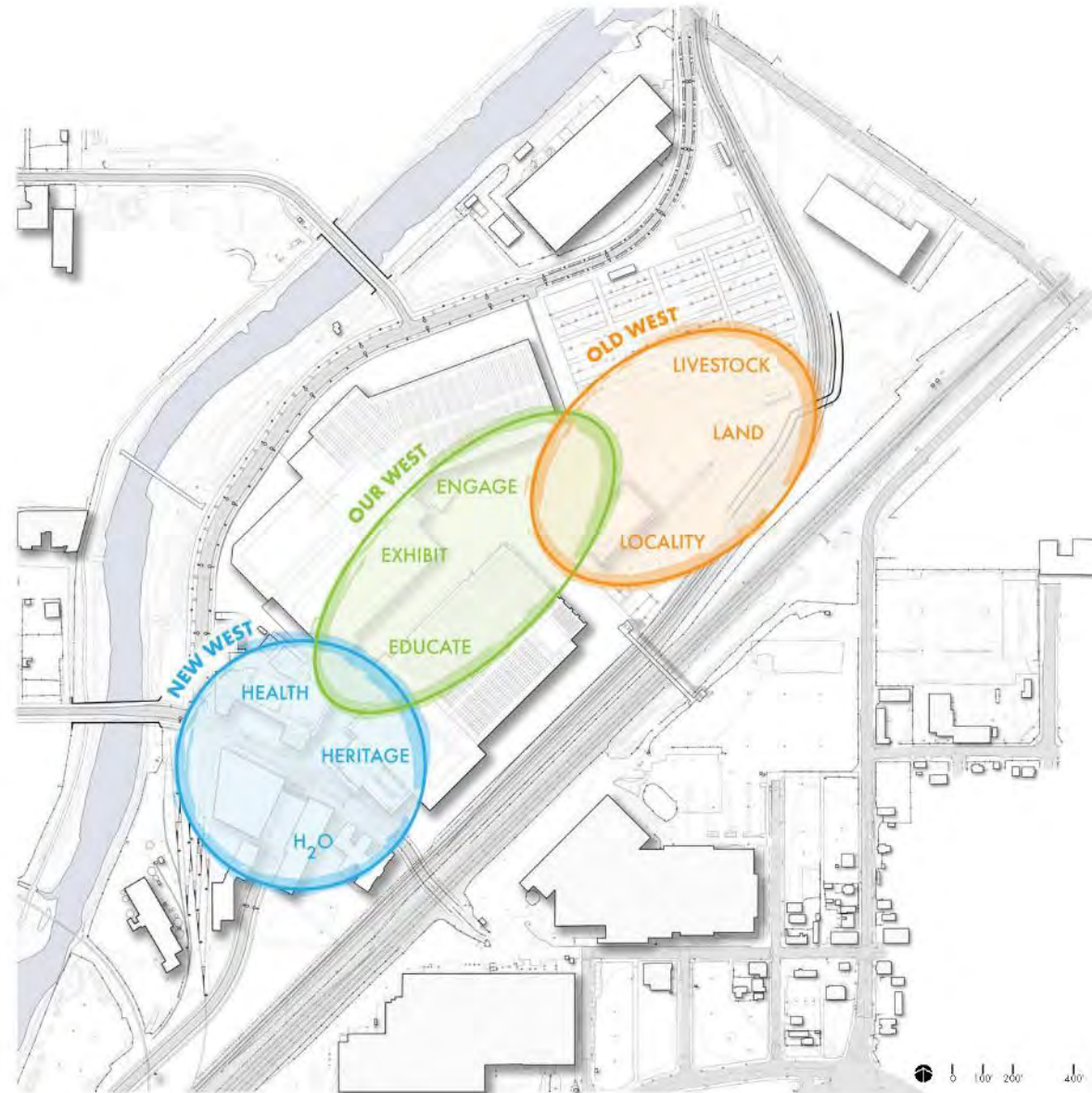
IMAGINE. DISCOVER. CULTIVATE.

THREE LINKS DIAGRAM

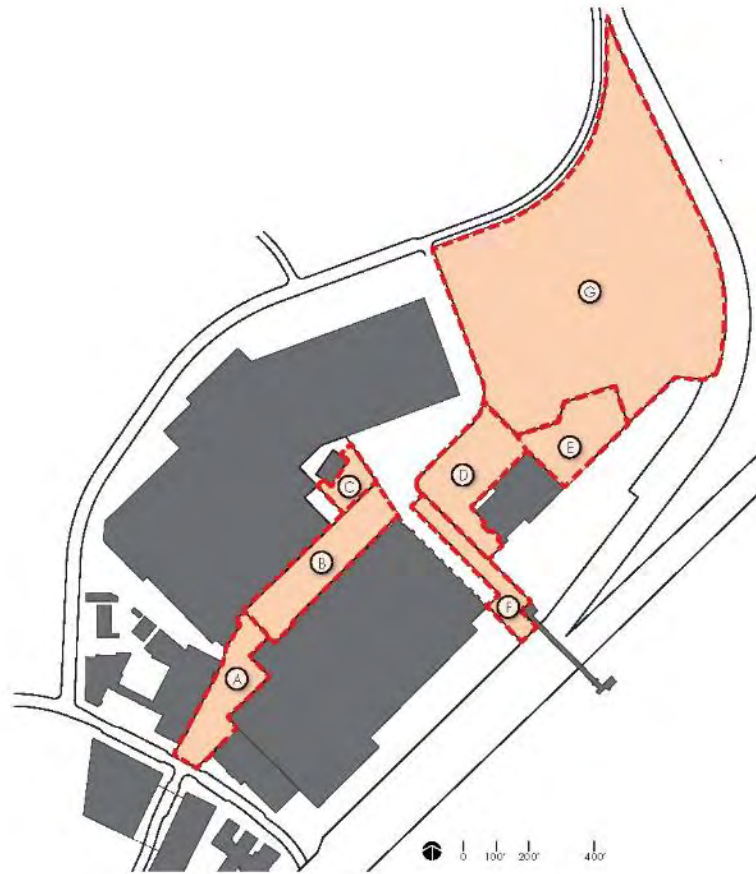
NEW WEST

OUR WEST

OLD WEST



GRAND PLAZA SCALE COMPARISON



A PEPSI CENTER ENTRY

59,200 SF



B SKYLINE PARK (2 Blocks)

81,000 SF



C CIVIC CENTER PARK PLAZA

17,700 SF



D DENVER UNION STATION PLAZA

68,600 SF



E CONVENTION CENTER ENTRY AT 14TH STREET

52,100 SF



D+E DENVER PERFORMING ARTS SCULPTURE GARDEN

132,900 SF



F COMMONS PARK WEST AT HIGHLANDS BRIDGE

31,300 SF



G ROCKY MOUNTAIN FLEA MARKET

696,700 SF

PROGRAM AREA	AREA (SF)	PROGRAM USE	SPACE/PERSON	CAPACITY (PEOPLE)
A "Grand Plaza"	51,600	Semi-structured Event	10 SF	5,160
B Central Court - NWC Promenade	67,800	Event Queuing	8 SF	8,475
C Central Court - Armour Plaza	17,100	Semi-structured Event	10 SF	1,710
D West Stockyard Event Center Plaza	69,600	Outdoor Performance	4.5 SF	15,466
E North Stockyard Event Center Plaza	51,900	Semi-structured Event	10 SF	5,190
F Central Court - Connector	32,100	Egress	10 SF	3,210
G Stockyards	568,200	Outdoor Performance	4.5 SF	126,266



OPERATIONS ANALYSIS



PUBLIC SPACE DESIGN CHARACTER AND CONCEPTS / UPDATED VISUALS:

PLAZA DESIGN



Phase 1 & 2 Public Space

Placemaking Public Realm Concept Area



2015 NWC
Master Plan

Future Phases
(The Triangle)



WORKING SITE PLAN

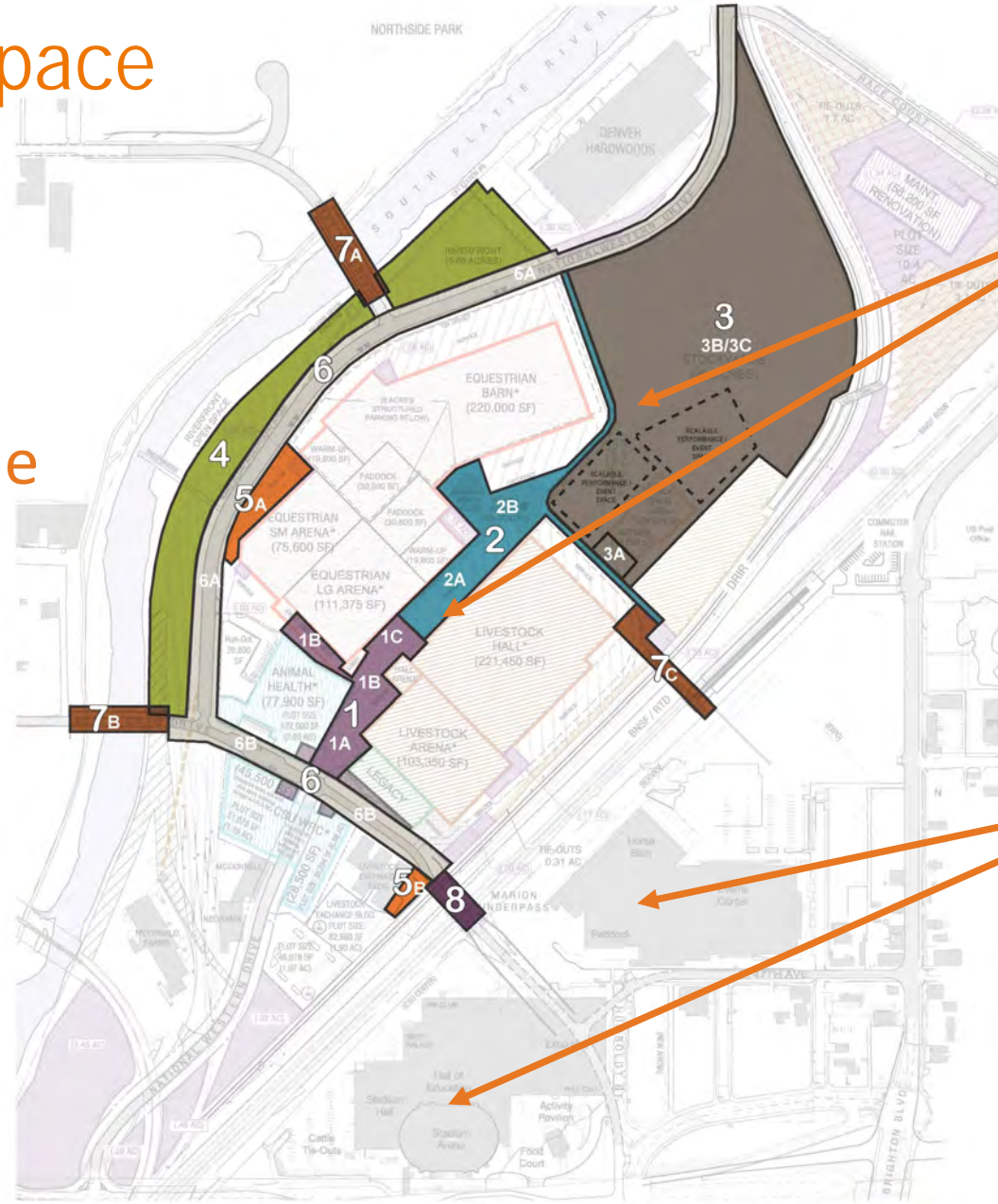


SITE PLAN RENDERING



Phase 1 & 2 Public Space

Globeville



Phase 1 & 2
Public Spaces
(Colored Areas)

Elyria Swansea

Future Phases
(The Triangle)



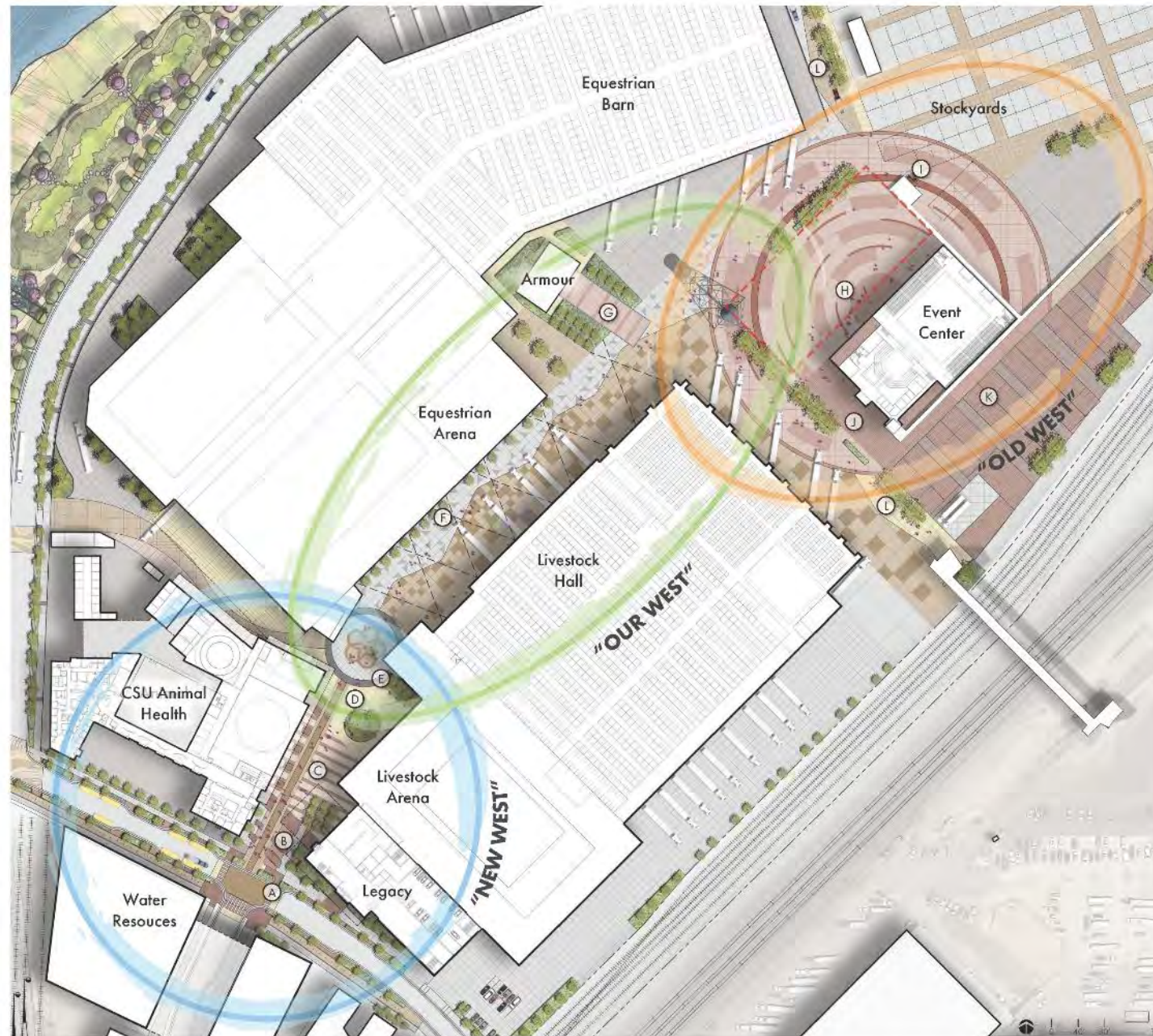
LEGEND	
	The Grand Plaza
	Shared Central Court
	Stock Yards
	Riverfront Open Space
	Small Plazas
	Public Right-of-Way
	Bridges
	Underpasses

March 6, 2018



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN



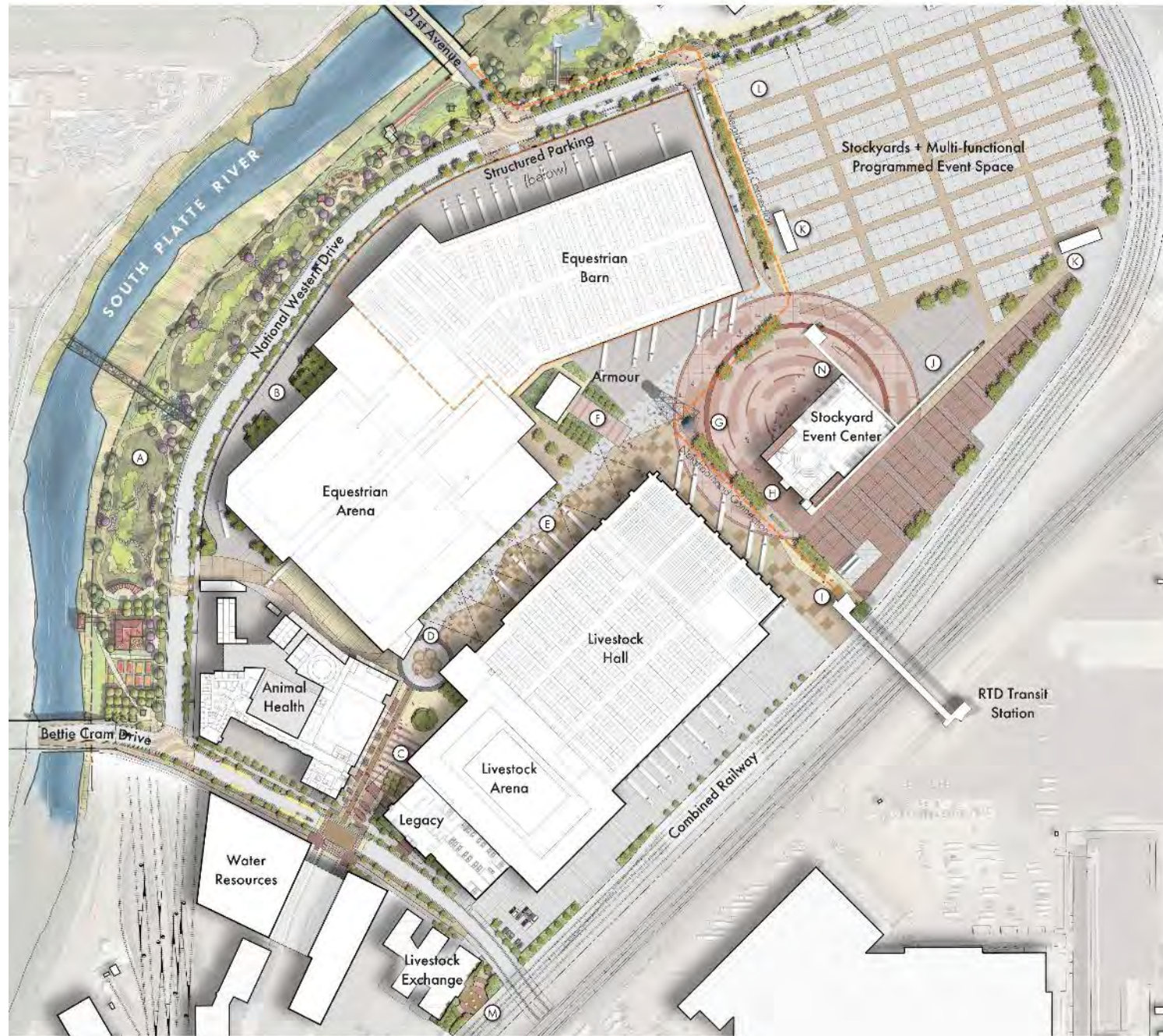
"THE PIVOT"

- (A) Bettie Cram Crossing
- (B) "Heritage Plaza" Entry Court
- (C) Viewing Gallery
- (D) Hall Arena Plaza
- (E) Arena Plaza
- (F) Equestrian/Livestock Passage
- (G) Armour Plaza
- (H) Event Plaza and Water Tower Plaza
- (I) Water Tower
- (J) Stockyards Event Center Courtyard
- (K) Bison Pens
- (L) Bridge to Pedestrian Walkway



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN



**To be further
designed and
verified through
pricing*



- (A) South Platte Riverfront
- (B) Equestrian Plaza
- (C) Grand Entry Plaza
- (D) "Roundup" Plaza
- (E) Link Plaza
- (F) Armour Plaza
- (G) Stockyard Event Center Event Plaza + Water Tower
- (H) Stockyard Event Center Entry Plaza
- (I) RTD Plaza
- (J) Stockyard Event Center Flex Plaza
- (K) Wash Rack
- (L) Hay Barn
- (M) Livestock Exchange Plaza
- (N) Elevated Catwalk

IMAGINE. DISCOVER. CULTIVATE.

MATERIALS AND FURNISHINGS



FLEXIBLE SEATING



INTERPRETIVE PAVEMENT



HISTORIC INLAY



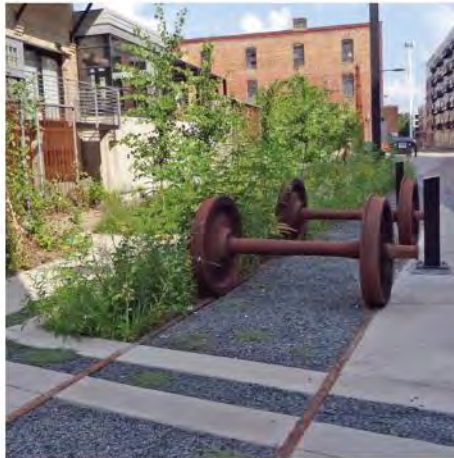
DECORATIVE FINISH



DECORATIVE BOLLARDS



SECURITY EDGE



HISTORICAL RELICS



MATERIAL REUSE



REPURPOSED PLANTER



ROTATING ART INSTALLATION



RE-PURPOSED TROUGH



UMBRELLAS



MOVABLE SEATING



NATURAL MATERIALS



FLEXIBLE SEATING



CATENARY LIGHTING

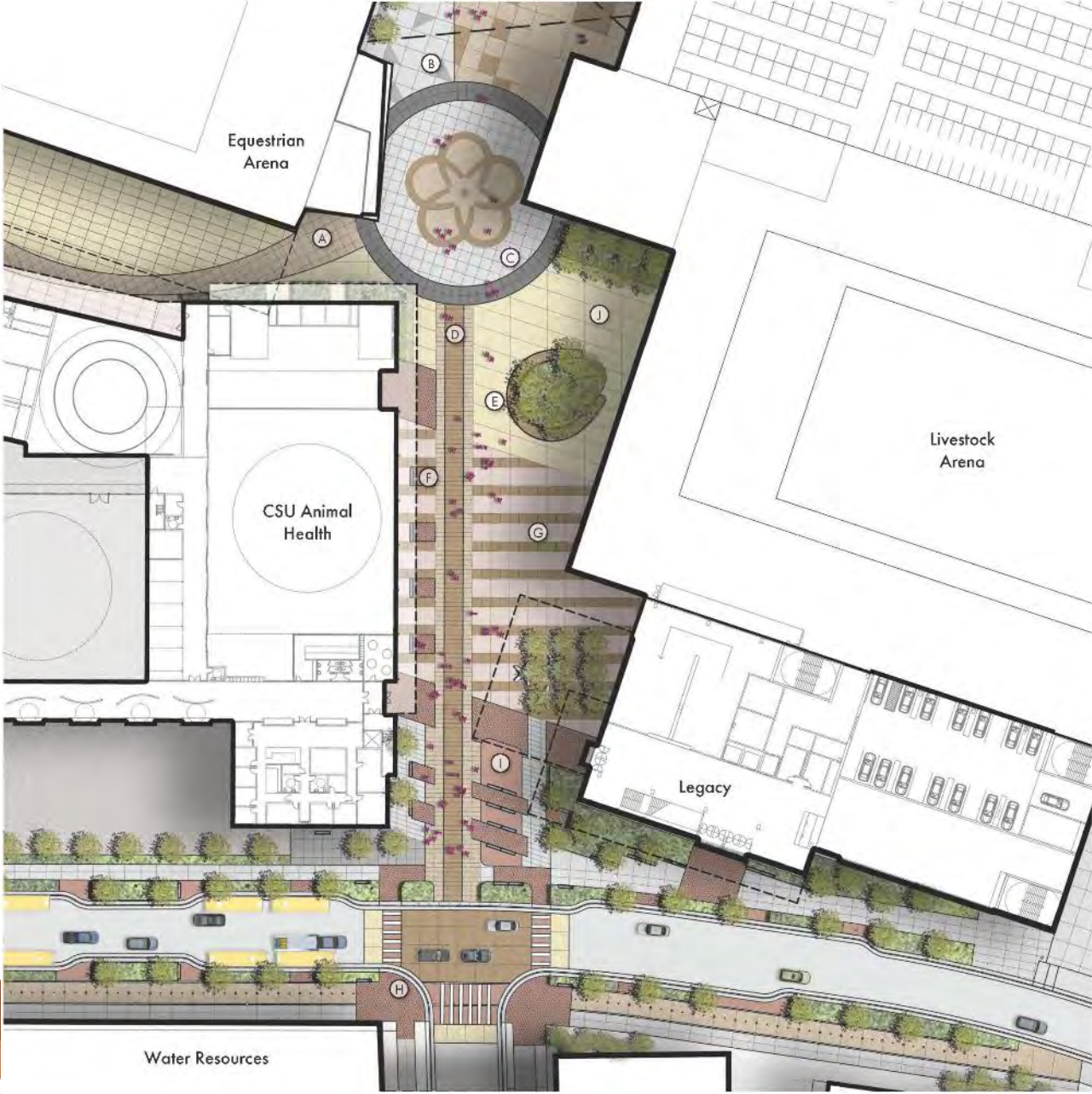


PEDESTRIAN LIGHTING



BANNER + PLANTING

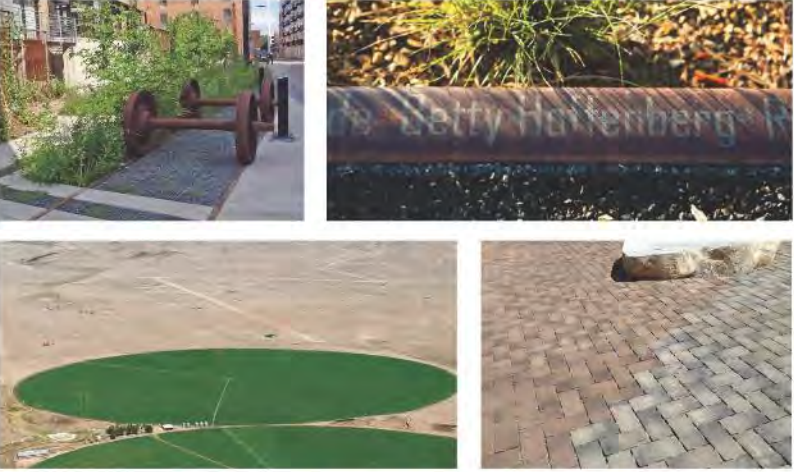
PLAZA CONCEPT DESIGN



**To be further designed and verified through pricing*

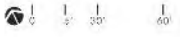


"NEW WEST"



"THE PIVOT"

- (A) Riverwalk Paseo
- (B) NWC Promenade
- (C) "Roundup" Plaza
- (D) Heritage Walk
- (E) Horseshoe Bench
- (F) Gallery
- (G) "Roundup" Yard
- (H) Bettie Cram Plaza
- (I) "Heritage" Plaza
- (J) "Beef Palace" Plaza



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN



**To be further
designed and
verified through
pricing*



"OUR WEST"



"THE PIVOT"

- (A) Re-use of Historic Brick Pavers
- (B) CIP Colored Concrete with Sandblasted Accent
- (C) CIP Gray Concrete
- (D) Colorado Register Brands
- (E) Interpretive Elements/Bands

IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



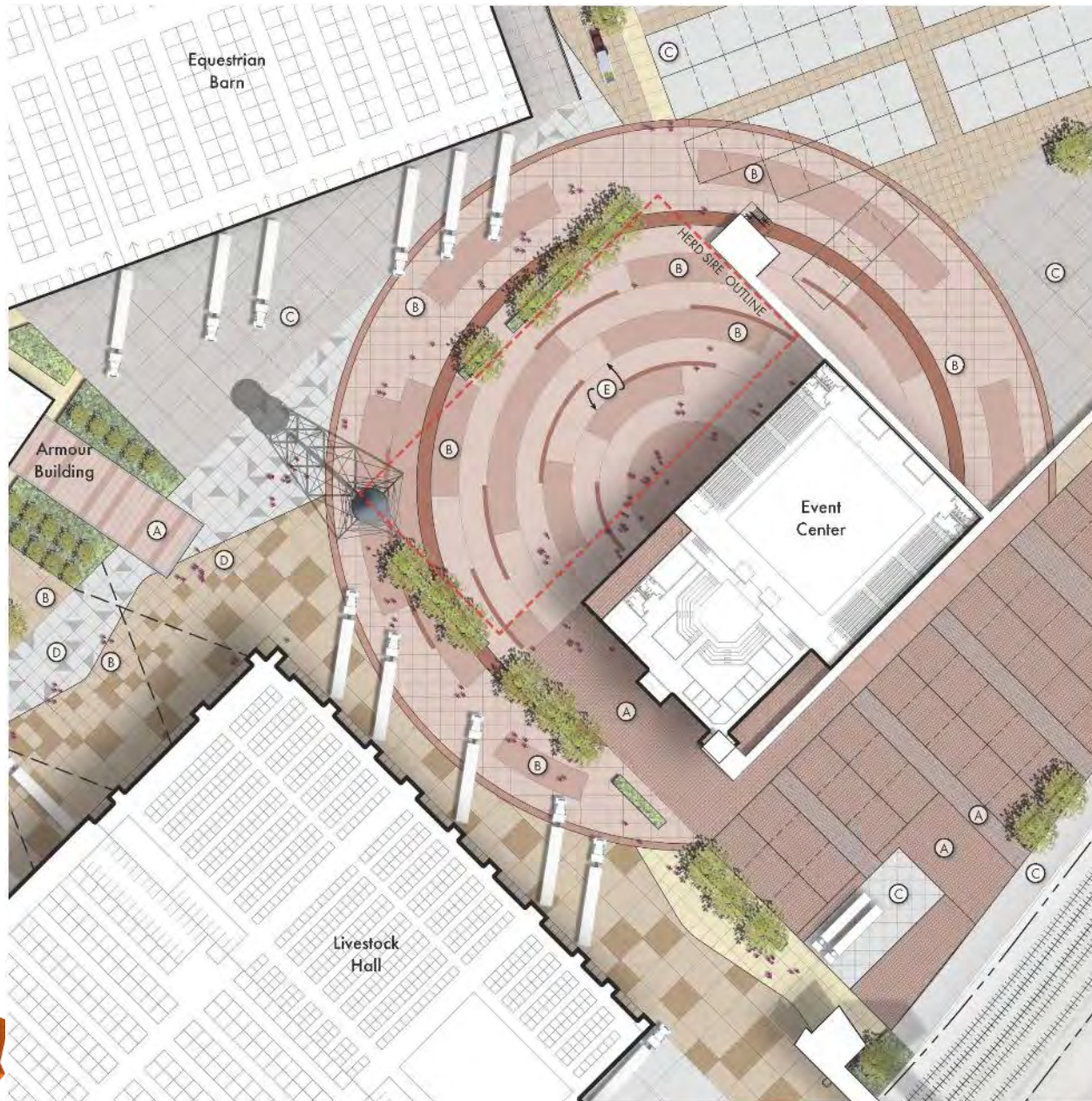
IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN



**To be further
designed and
verified through
pricing*



"OLD WEST"



"THE PIVOT"

- (A) Re-use of Historic Brick Pavers
- (B) CIP Colored Concrete with Sandblasted Accent
- (C) CIP Gray Concrete
- (D) Colorado Register Brands
- (E) Interpretive Elements/Bands



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

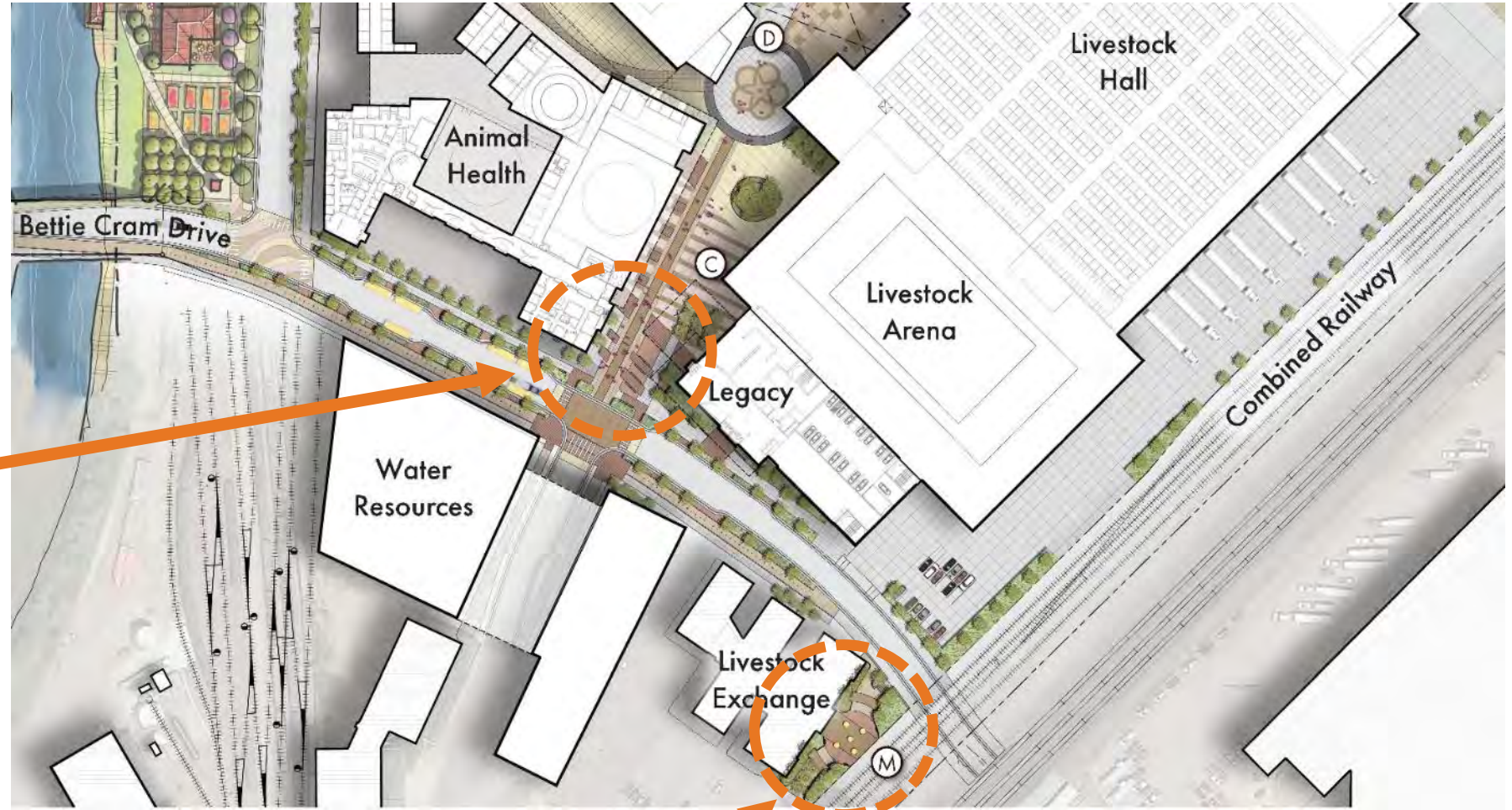
PLAZA CONCEPT DESIGN: Working 3D Model



IMAGINE. DISCOVER. CULTIVATE.

EXAMPLE
PLAZA
INTERPRETIVE
OPPORTUNITIES:
Railroad

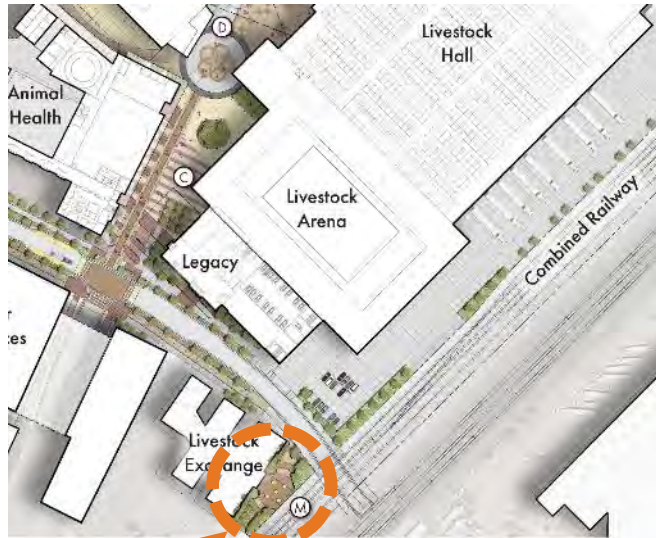
Grand Entry Plaza



Livestock Exchange Plaza



Telling the Story of: The Railroad



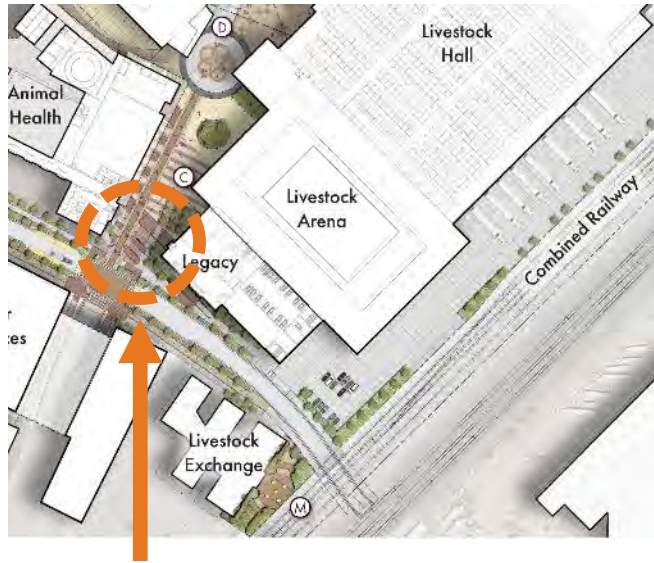
Livestock Exchange Plaza:
Railroad Adjacency



Materials relating to freight, but with a modern twist.



Telling the Story of: The Railroad



Grand Entry Plaza:
Railroad Former Location



Actual rail or rail-like features in the paving / planting



Form and landscape taking on the linearity of the rail

Paving patterns tracing the historic alignment



Telling the Story of: The Railroad



Stock Car:
Relocate to a space
where visitors can
interact/view.
Potential reuse
opportunity.



EXAMPLE
PLAZA
INTERPRETIVE
OPPORTUNITIES:
Food and
Agriculture



Riverfront

Grand
Entry
Plaza



Stockyard
Event
Center
Plaza

Walls of
Buildings
or
Perimeter
Barriers

Telling the Story of: Food and Agriculture



Stockyard Event Center Plaza:
Movable food plots to be used for research or community events / learning

Walls of Buildings / Fences:
Design buildings and fences to accommodate edible climbers such as beans and tomatoes

Grand Entry Plaza and Riverfront:
Edible landscapes (such as lettuce, herbs, and fruit trees) adjacent to public R.O.W.



Movable food gardens



Edible landscape with signage

Telling the Story of: Food and Agriculture



Fruit bearing trees
with signage



Edible living walls and fences



Telling the Story of: Heritage, Present, and Future Innovation with Different Types of ART



IMAGINE. DISCOVER. CULTIVATE.

Telling the Story of: Heritage, Present, and Future Innovation with Different Types of ART



Pop-up; Colorful and Playful



Top: Infusing lighting and
wayfinding
Bottom: Interactive



Buildings as canvas; Temporary;
Interactive



EXAMPLE
PLAZA
INTERPRETIVE
OPPORTUNITIES:
Western
Heritage



Legacy
Building



Parking
Garage

Herd Sire

Telling the Story of: Western Heritage



Agricultural - Pivot irrigation/Feedlot catwalks.



Water feature - irrigation canals / ditches



Heritage materials - Lumber/logs



Heritage materials - Cor-ten Steel



Heritage materials - Native stone



Heritage materials - wate (irrigation)



Telling the Story of: Western Heritage



Iconic Murals: Inclusive of all interpretations of Western Heritage



Programming



EXAMPLE
PLAZA
INTERPRETIVE
OPPORTUNITIES:
River and
Education

Riverfront



Telling the Story of: The River Through Education and Play

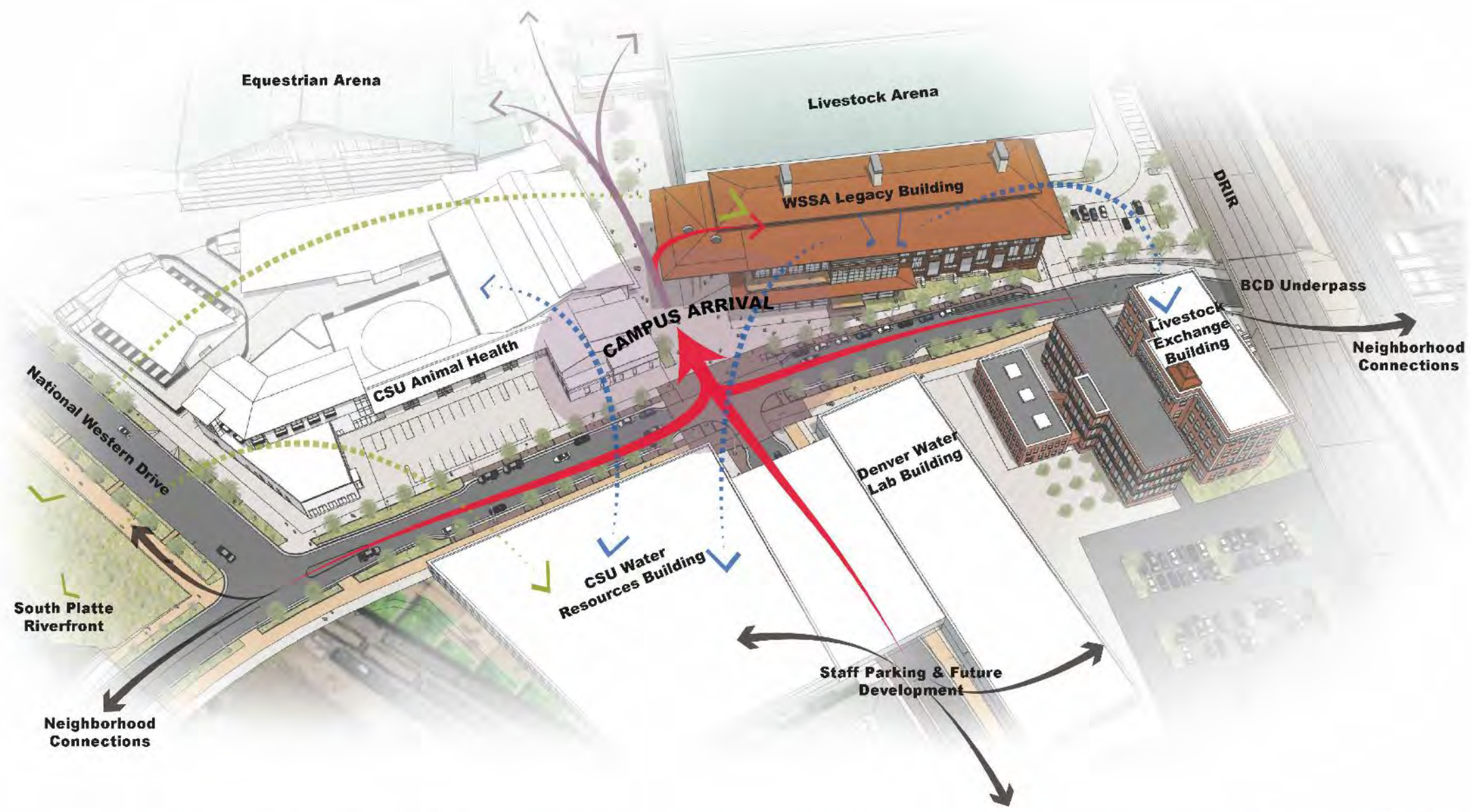


IMAGINE. DISCOVER. CULTIVATE.

PUBLIC SPACE DESIGN CHARACTER AND CONCEPTS / UPDATED VISUALS:

PUBLIC ROW / STREETScape





BETTIE CRAM DRIVE: Conceptual Character*



**To be further designed and verified through pricing*



BETTIE CRAM DRIVE: Conceptual Character*



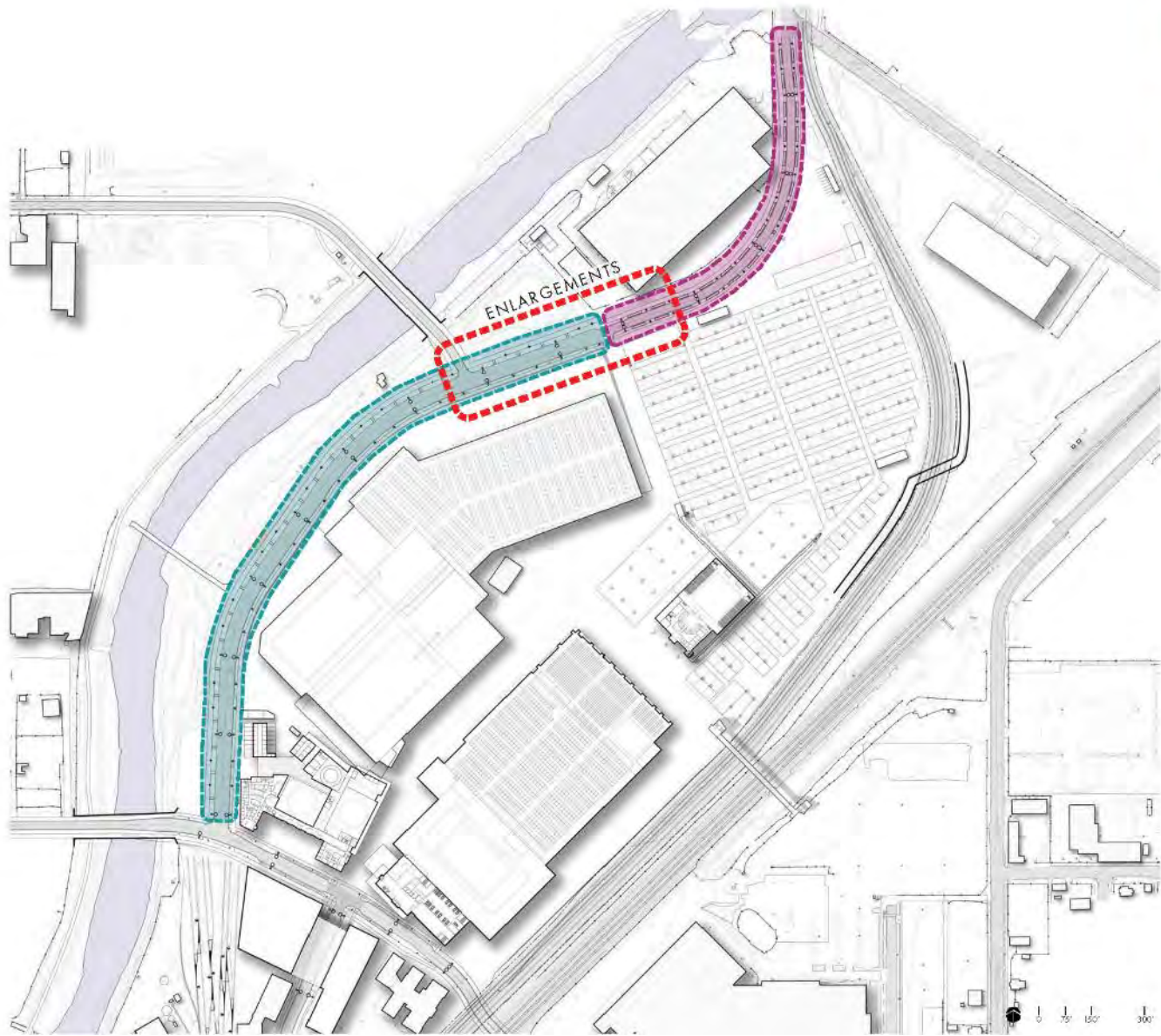
MATERIALS



**To be further designed and verified through pricing*



NATIONAL WESTERN DRIVE



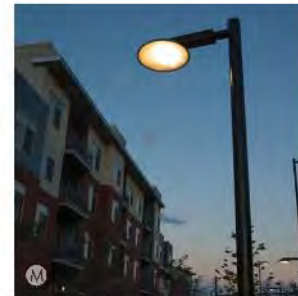
- RIVERFRONT SECTION
- STOCKYARDS SECTION



NATIONAL WESTERN DRIVE: Conceptual Character*



**To be further designed and verified through pricing*



CONCEPT 1: NATURAL RIVERFRONT

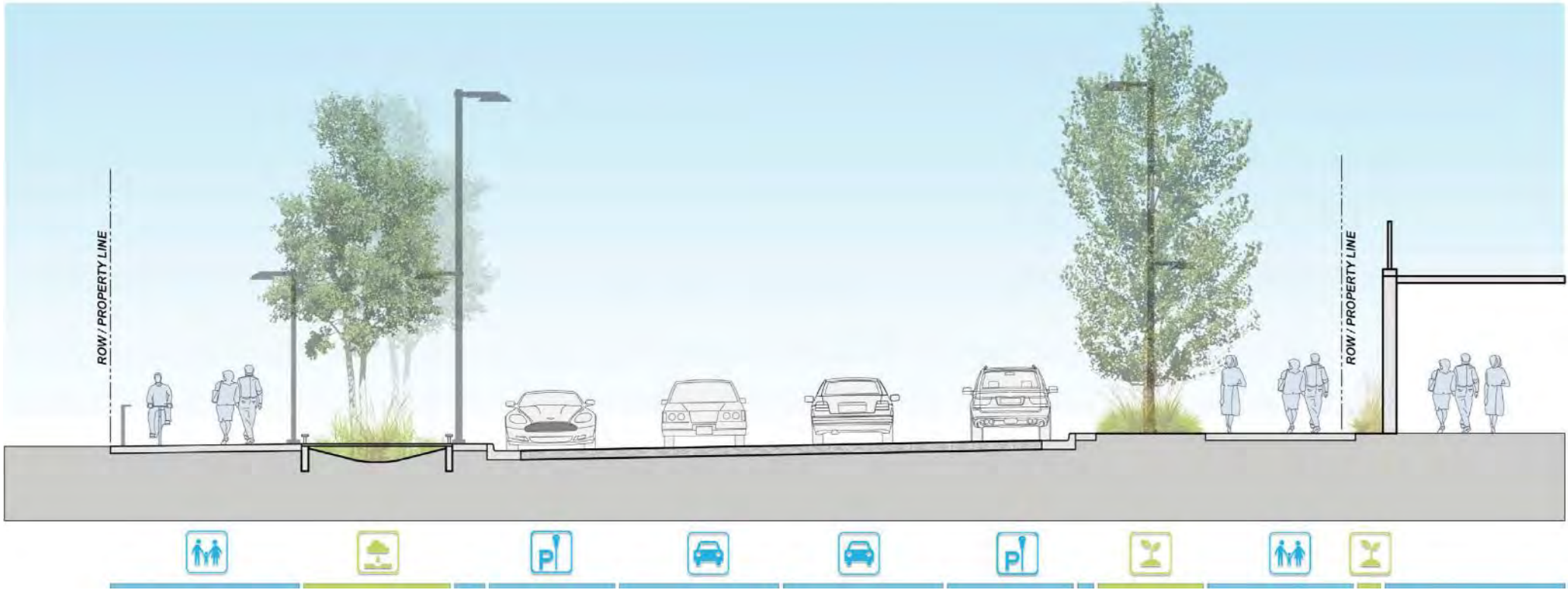
- (A) Wayfinding Monument
- (B) Stone Seat Wall
- (C) Perable Concrete Unit Pavers
- (D) Stormwater Swale w/ Walkway
- (E) Unit Paver Band w/ Bollard Light
- (F) Art/Green Wall
- (G) Decorative Concrete
- (H) Decomposed Granite
- (I) Wood Seat Wall
- (J) Sculpture/Monument
- (K) At Grade Planter
- (L) Standard Concrete Pavement
- (M) Decorative Light Fixture
- (N) Stormwater Planter



NATIONAL WESTERN DRIVE: Conceptual Character*



CONTEXT MAP



**To be further designed and verified through pricing*



NATIONAL WESTERN DRIVE: Conceptual Rendering*

**To be further
designed and
verified through
pricing*



LOOKING NORTH FROM 51 ST STREET



IMAGINE. DISCOVER. CULTIVATE.

NATIONAL WESTERN DRIVE: Conceptual Rendering*



**To be further designed and verified through pricing*



LOOKING SOUTH FROM MULTI-USE PATH - SECTION '1'

IMAGINE. DISCOVER. CULTIVATE.

NATIONAL WESTERN DRIVE: Conceptual Rendering*



LOOKING SOUTH FROM MULTI-USE PATH - SECTION '1'

**To be further
designed and
verified through
pricing*





CITIZEN'S ADVISORY COMMITTEE PUBLIC REALM CONCEPT PRESENTATION

October 25, 2018

IMAGINE. DISCOVER. CULTIVATE.