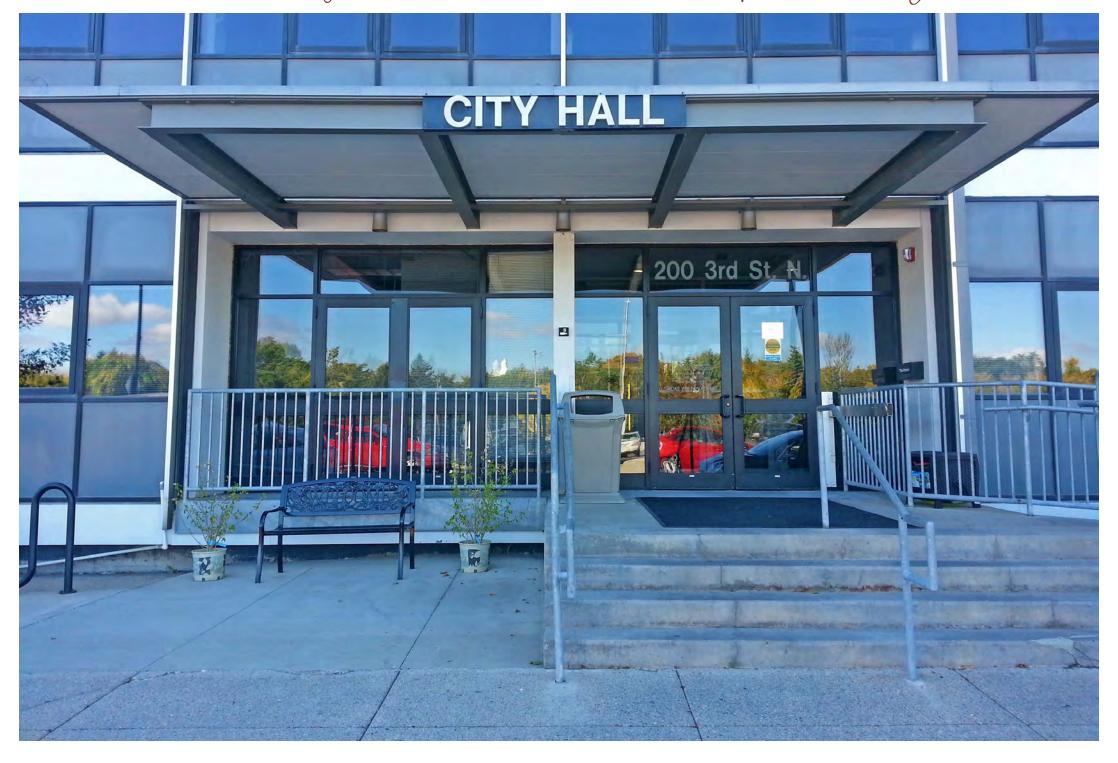


Existing Site Photos

"The current City Hall was built in the 1950's and is cramped and deteriorating"



EXISTING CITY HALL BUILDING TO BE DEMOLISHED



The existing 24,600 square foot existing City Hall building was considered for expansion in the year 2000.

"City leaders expanded City Hall into the adjacent Civic Center in 2003, adding 10,400 square feet and figuring it would buy them five to 10 years."

"The break room does triple duty as a supply closet and work space for a part-time staff member who sits at what appears to be a kitchen table."

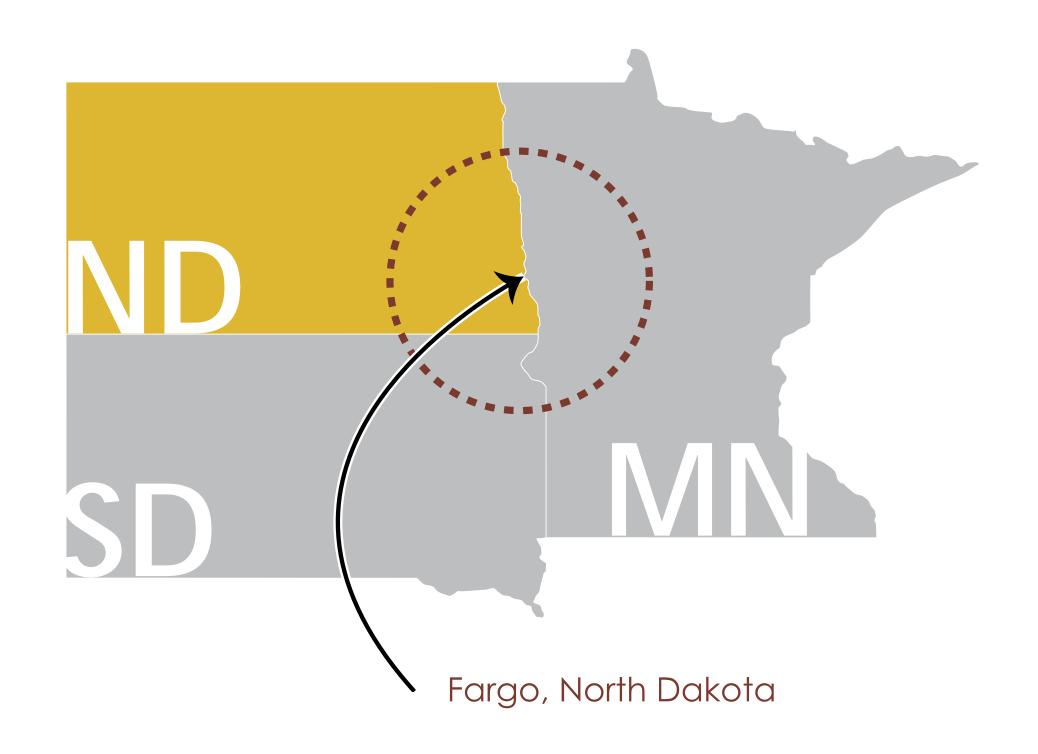
"The main hallway also does multiduty with filing cabinets full of blueprints, a coffee machine and a big paper cutter that should be in the plotter room around the corner. There's no room for the cutter there because the space is taken up by a desk shared by two part-timers who work opposite shifts so they don't get in each other's way."

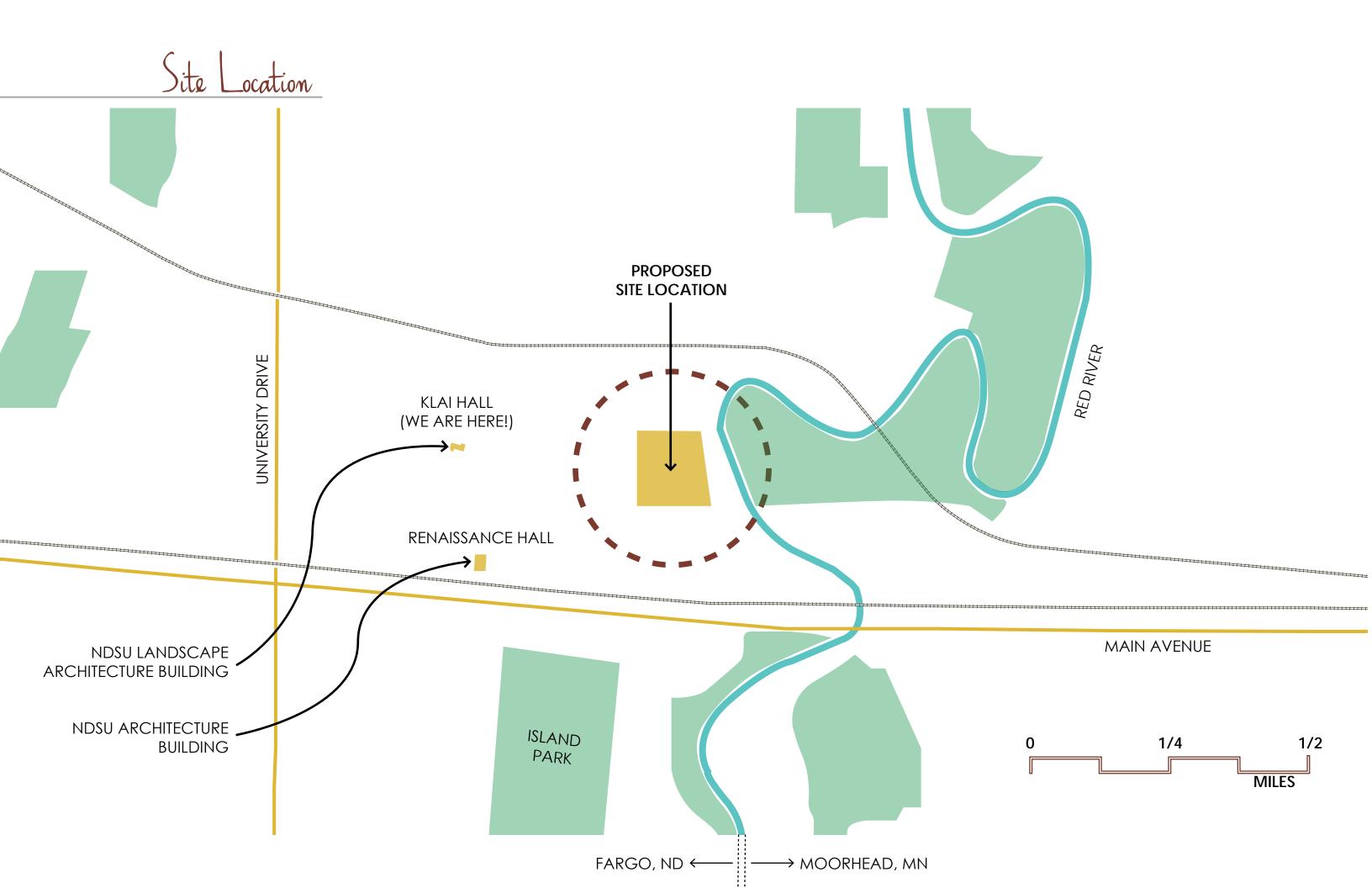
"I would like to see us utilize this space redesign for different uses"

- Former Fargo Mayor Dennis Walaker (01/22/14)



EXISTING PARK BETWEEN THE FARGO CIVIC CENTER, THE PUBLIC LIBRARY, AND THE FARGO CITY HALL









Thesis Statement

In response to the design of a new City Hall in Fargo, North Dakota, I intend to create an identity for the Red River Civic Plaza as a downtown multi-use park that serves as a year-round destination.

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Research Questions

Watershed Analysis:

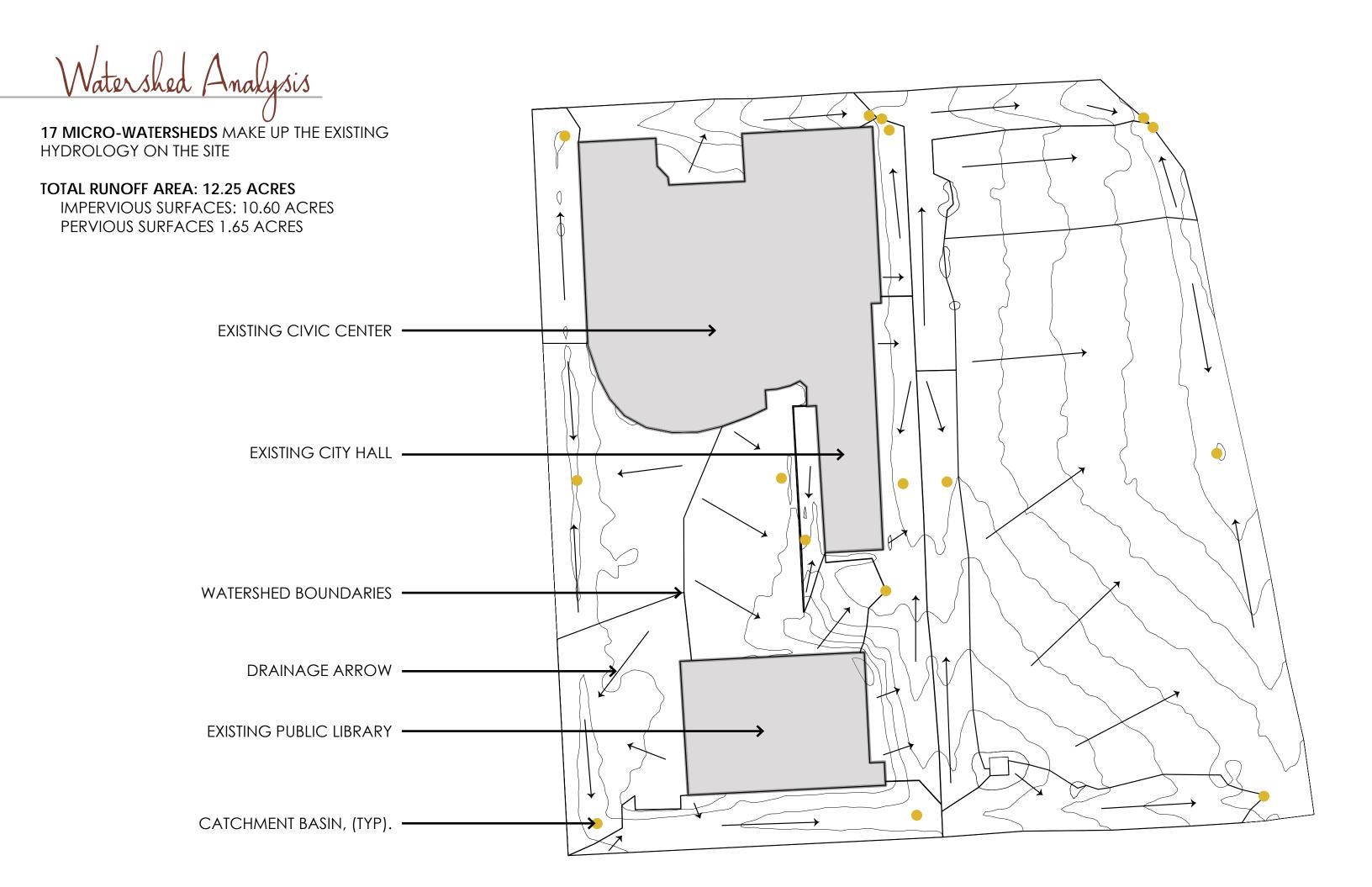
What is the predevelopment volume of stormwater runoff for a 5-year, 25-year, and 100-year, 24 hour rainfall event on the existing site?

Circulation:

From which direction will the majority of pedestrians, cyclists & vehicles be travelling from to access the Red River Civic Plaza?

Winter Attractions:

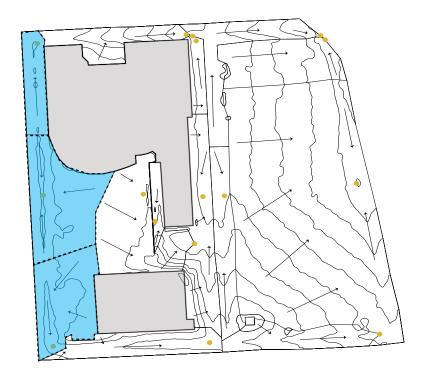
What outdoor amenities will help encourage and accommodate community members to use the park during the winter season?



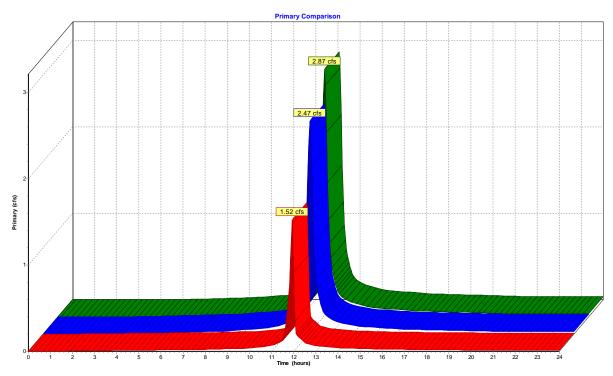
Watershed Analysis

Type II - 24 Hour - 25 Year Rainfall Event

Stormwater Runoff: 6.86 cubic feet Impervious Surfaces: 47,709 square feet Pervious Surfaces: 22,238 square feet

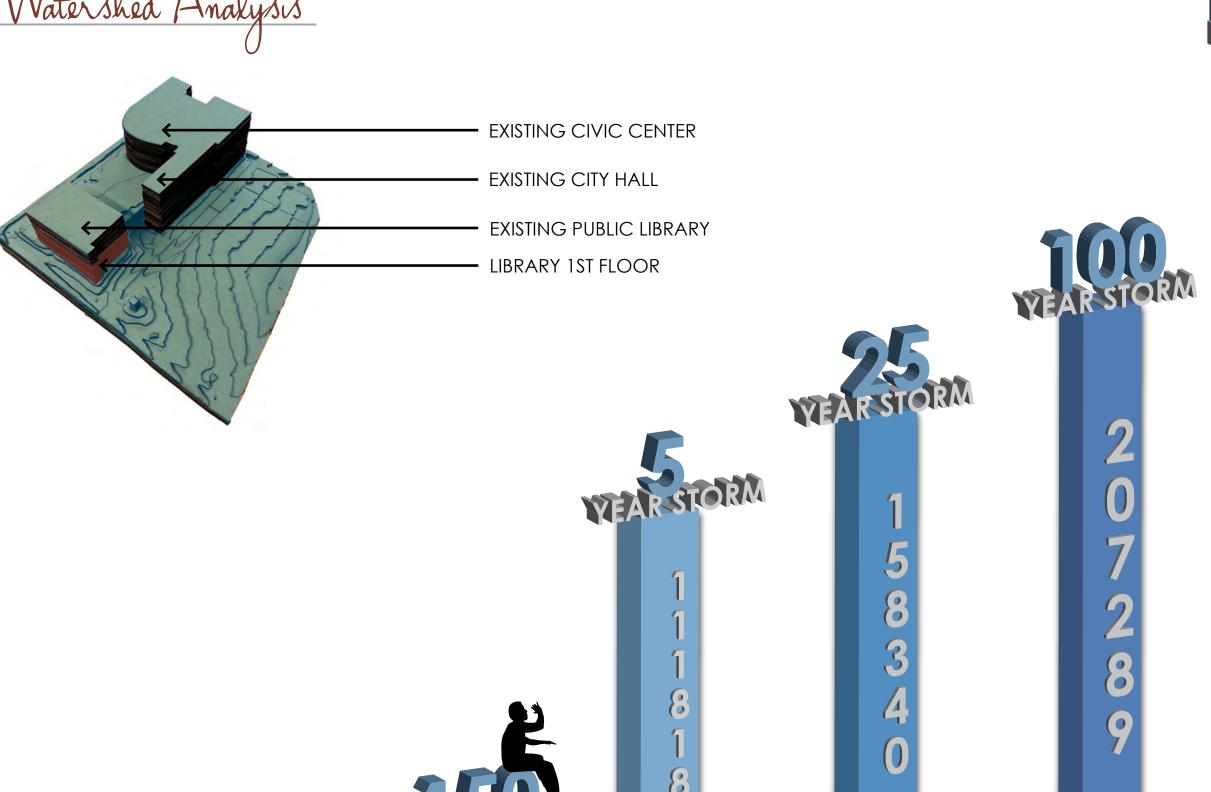


WATERSHED LOCATION MAP



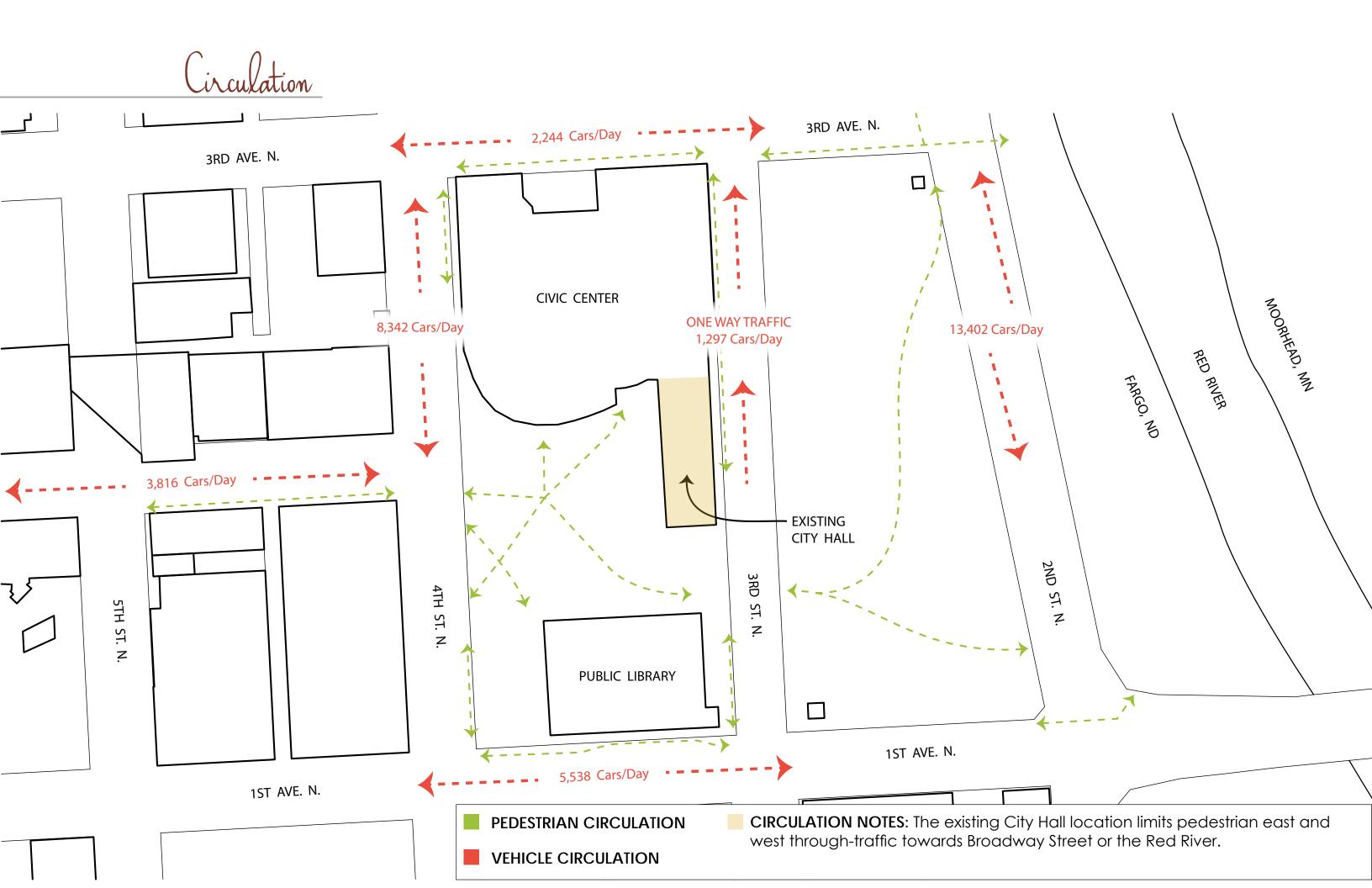
HYDROCAD 4TH STREET NORTH, CATCHMENT BASIN COMPARISON

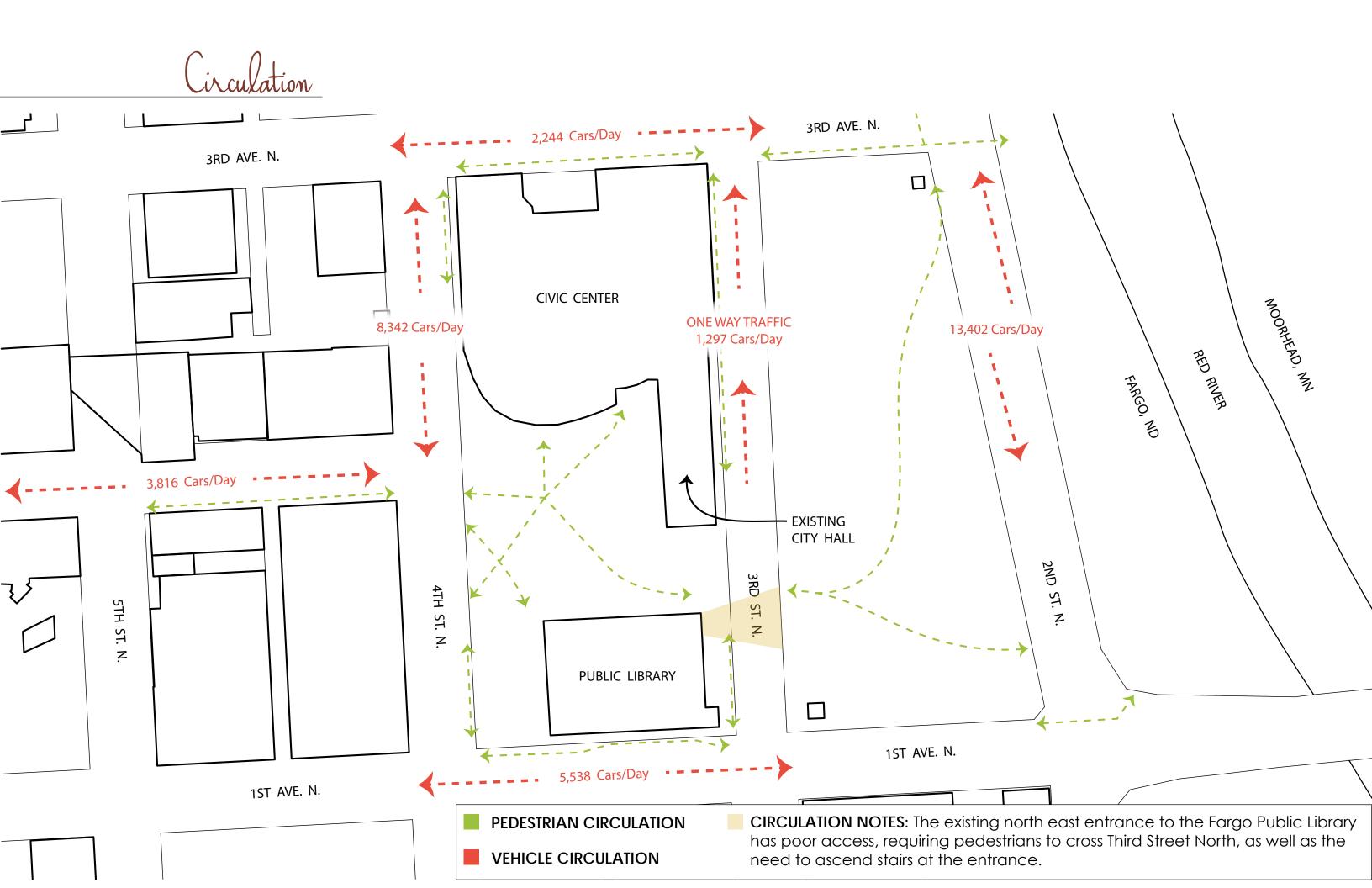
WATERSHED	AREA (SF)	Concrete/Asphalt	Turf Cover	Shrub Cover	Longest Time of Concentration (TOC)
1	14,684	14,349	0	335	32' C @ 3%; 295' C @ 2.3%
2	10,839	10,839	0	0	227' C @ 1.5%
3	32,713	17,333	13,771	1,609	88' T @1.5%; 131' C @ 1%
4	33,487	8,887	24,600	0	222' T @ 1%; 109' C @ 5%
5	4,215	427	3,788	0	77' T @ 4.3%
6	26,395	19,553	4,842	2,000	70' T @ 1%; 228' C @ 1.25%
7	18,228	13,368	1,258	3,602	27' T @ 8%; 313' C @ 1%
8	26,278	21,864	341	4,073	32' S @ 6%; 290' C @ 1.3%
9	17,651	16,562	489	600	14' S @ 4.5%; 319' C @ 1.4%
10	15,723	15,187	100	436	57' C @ 4%; 10' T @ 3.3%; 148' C @ 2.3% 33' T @ 2.2%; 32' C @ 2.2%
11	167,789	160,666	4,891	2,232	394' C @ 2.1%; 22' T @ 2.1%; 40' C @ 3.3%
12	5,735	5,455	0	280	188' C @ 1%
13	20,688	19,630	458	600	284' C @ 1%; 244' C @ 1.8%
14	24,748	23,255	1,343	150	10' T @ 1%; 177' C @ 1.5%; 25' T @ 5%; 22' C @ 3%
15	87,894	87,894			
16	25,809	25,809			
17	348	348			

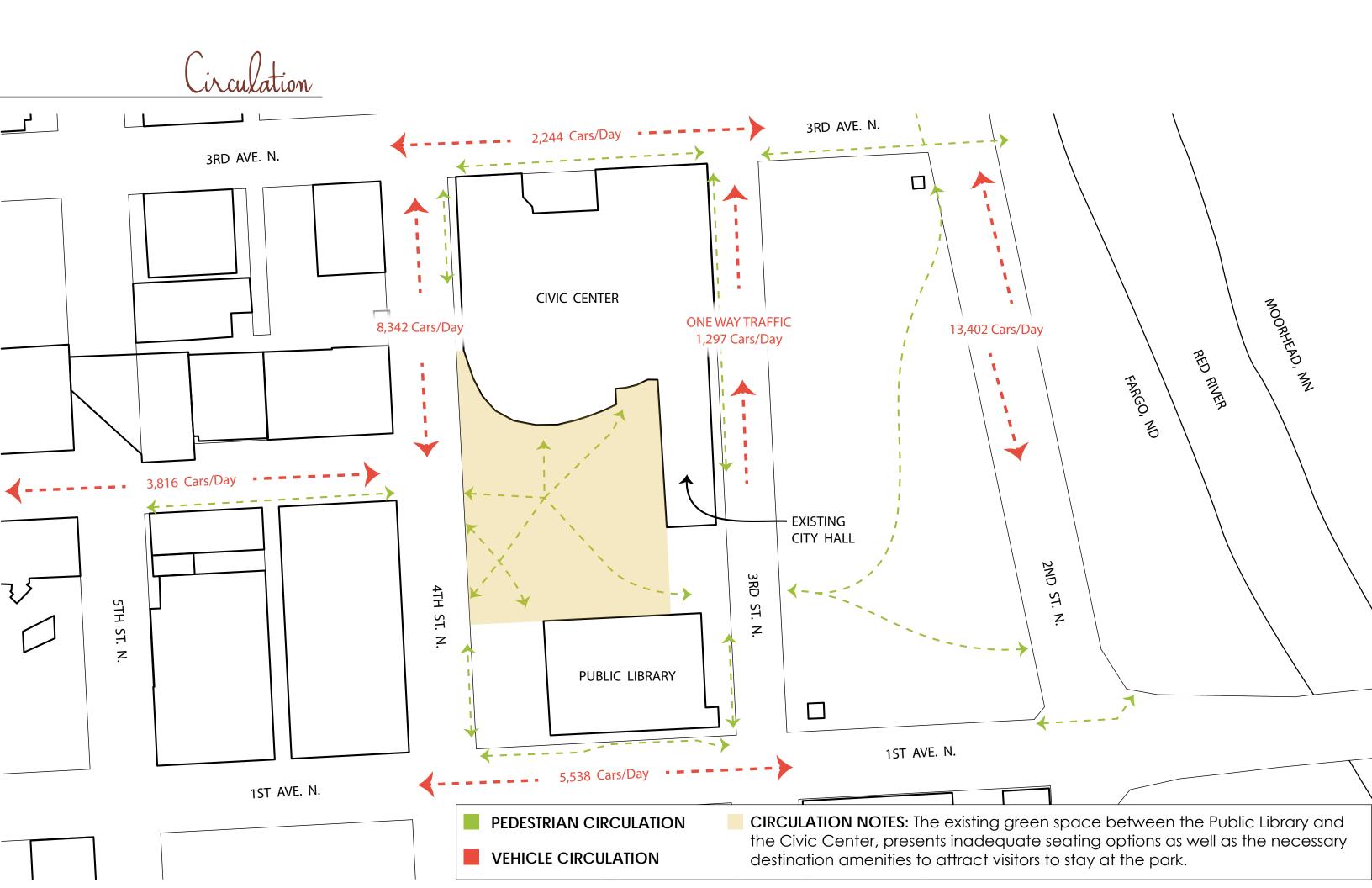


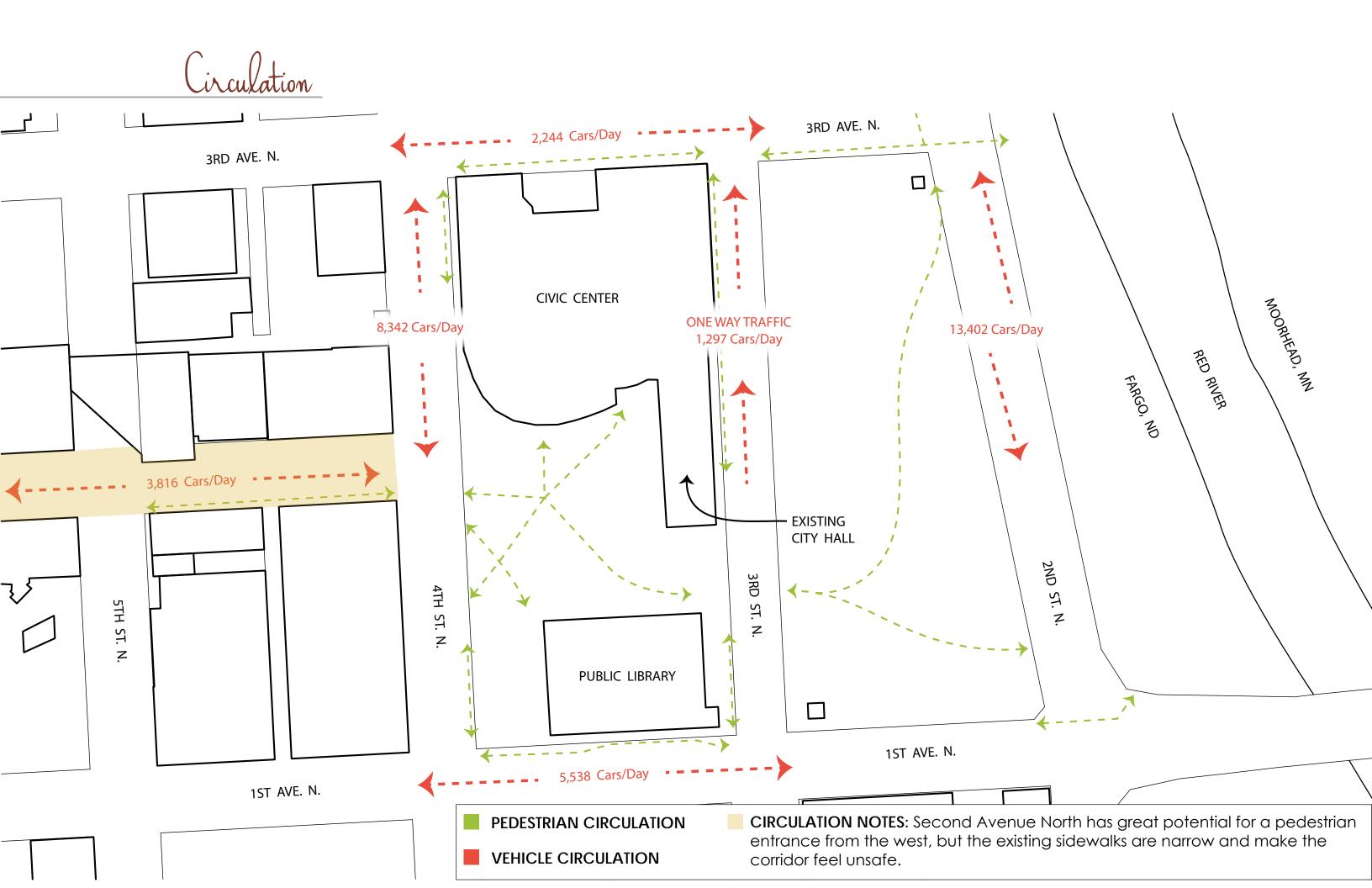


600 00 000 0.7 = 2ND AVE. N. **BARRY HALL** KLAI HALL 1ST AVE. N. RENAISSANCE HALL-**NDSU BUILDING** STORE FRONT **BROADWAY STREET** PROPOSED SITE









Winter Attractions



RICE PARK ST, PAUL, MINNESOTA



ROCKEFELLER CENTER ICE SKATING NEW YORK CITY, NEW YORK



CHICAGO CHRISTKINDLMARKET CHICAGO, ILLINOIS



THE BUDAPEST CHRISTMAS FAIR BAVARIA, GERMANY



THE BUDAPEST CHRISTMAS FAIR COLOGNE, GERMANY



WINTER WONDERS BRUSSELS, BELGIUM

Winter Attractions

INFLUENTIAL ASPECTS: PROVIDING EXTENSIVE HOLIDAY EVENT PROGRAMMING, HOLIDAY LIGHTS, ICE SKATING, HOLIDAY RETAIL, WARM REFRESHMENTS, AND PROVIDING THE OPPORTUNITY TO PEOPLE WATCH.



RICE PARK ST, PAUL, MINNESOTA



ROCKEFELLER CENTER ICE SKATING NEW YORK CITY, NEW YORK



CHICAGO CHRISTKINDLMARKET CHICAGO, ILLINOIS



THE BUDAPEST CHRISTMAS FAIR BAVARIA, GERMANY



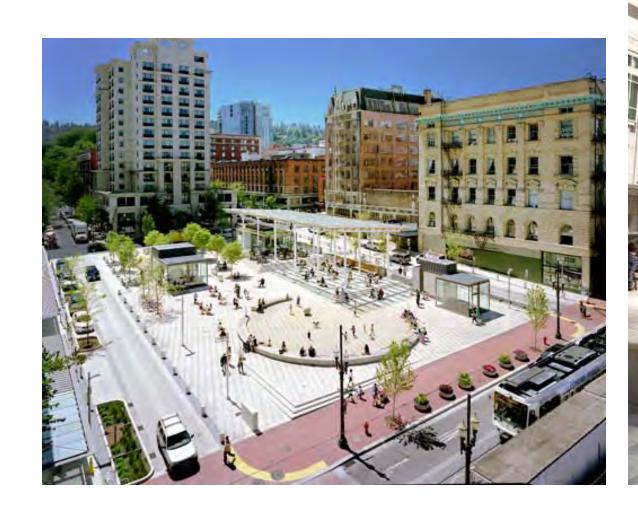
THE BUDAPEST CHRISTMAS FAIR COLOGNE, GERMANY

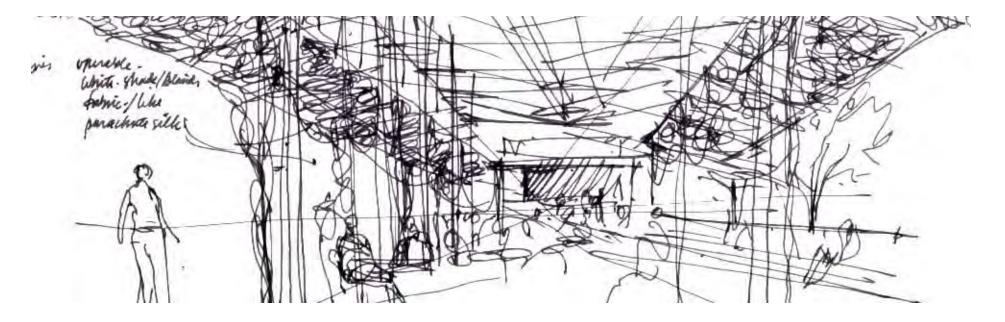


WINTER WONDERS BRUSSELS, BELGIUM



- 9.45 million dollar park constructed in 2009 and designed by Olin Studio for the City of Portland Parks department.
- The design of Director Park was highly influenced by the **6-level subsurface parking garage** which was constructed before the design of the park.
- Attracts an average of 1,495 people per day during the summer months (March October), and 376 people per day in the winter months (November February).
- Created **7 full-time job positions** including two on maintenance staff, and five at the park cafe.



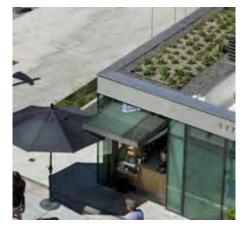




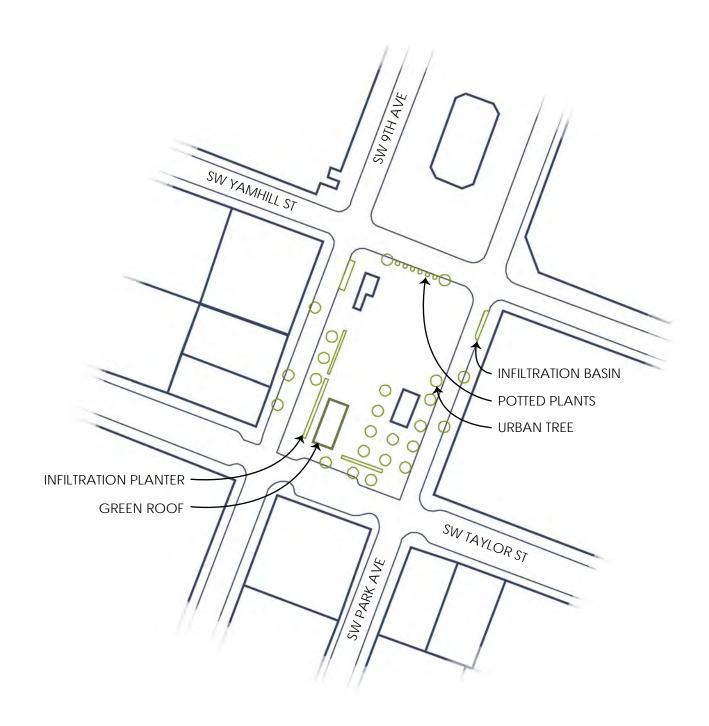


- 100% of the stormwater is filtered on site before discharge into the City of Portland's stormwater system.
- Annually prevents over 990,000 gallons of stormwater from entering Portland's combined sewer overflow (CSO) utilizing bioinfiltration planters, tree wells and a green roof. These stormwater management practices only save \$200.00 annually, but also help avoid a projected \$3.9 million in future capital costs to upgrade the stormwater infrastructure.
- Utilizes rainwater harvesting technologies and repurposes the stormwater for irrigation of drought tolerant plants, saving approximately \$300.00 annually.





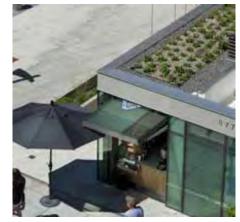




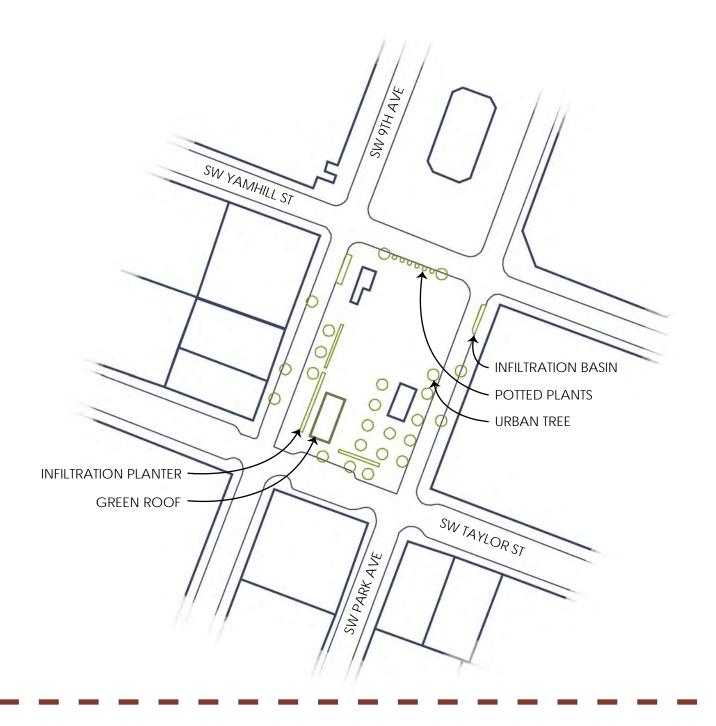


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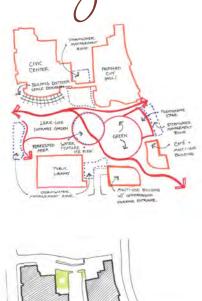




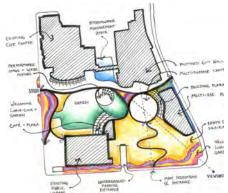


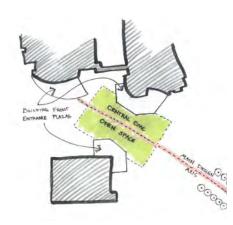
- Director Park is built upon a **sub-surface parking garage** which influenced the design development.
- 100% of **stormwater is filtered** using low impact development strategies before leaving the park.
- Director Park has **extensive programming**, attracting locals to the park throughout the year.
- Director Park is a great location for people watching - with plenty of seating options and multiuse space for various activities.

Design Concepts



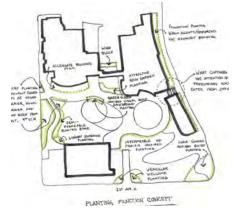


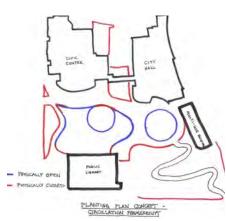


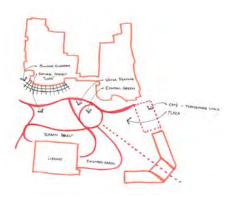


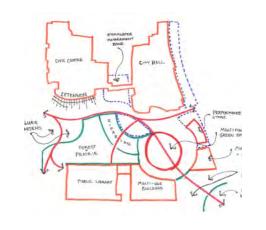




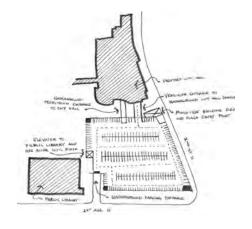




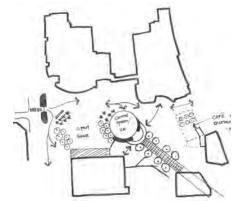


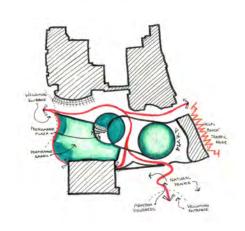






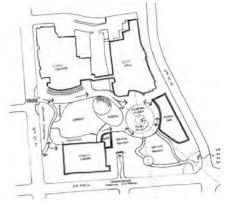


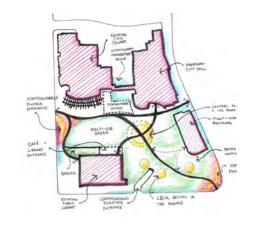






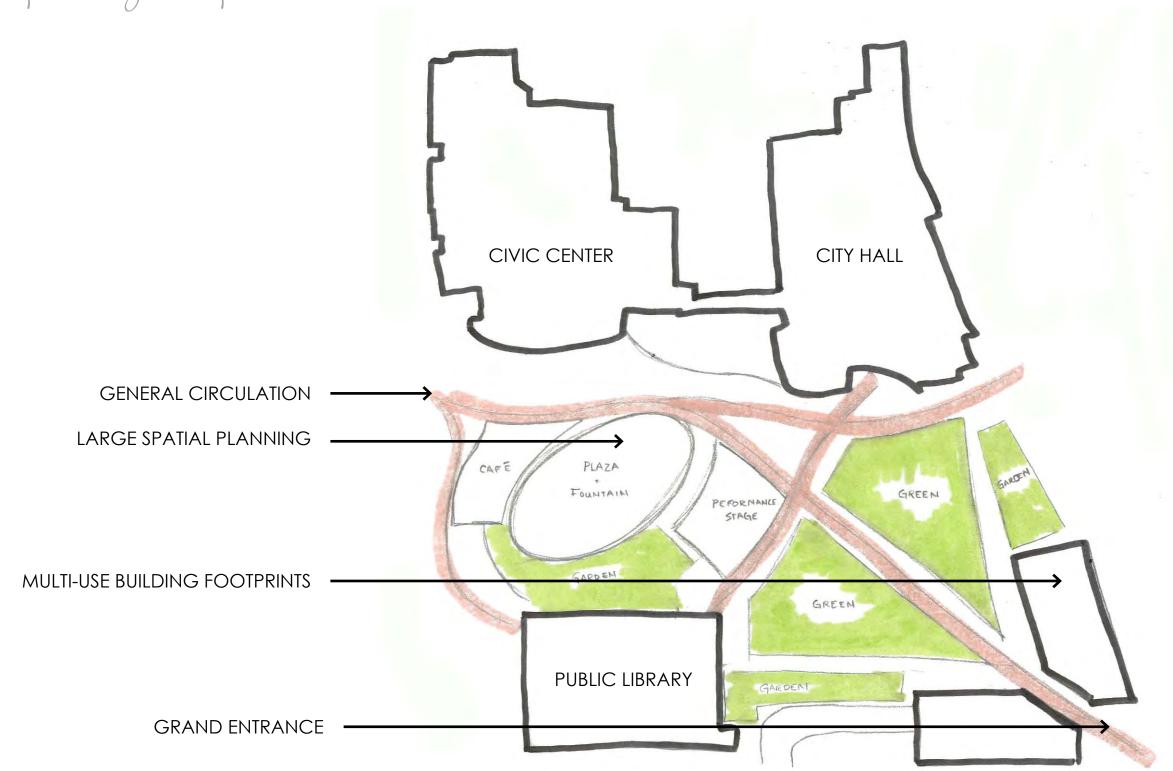








Early Design Concepts
2 Important Design Development



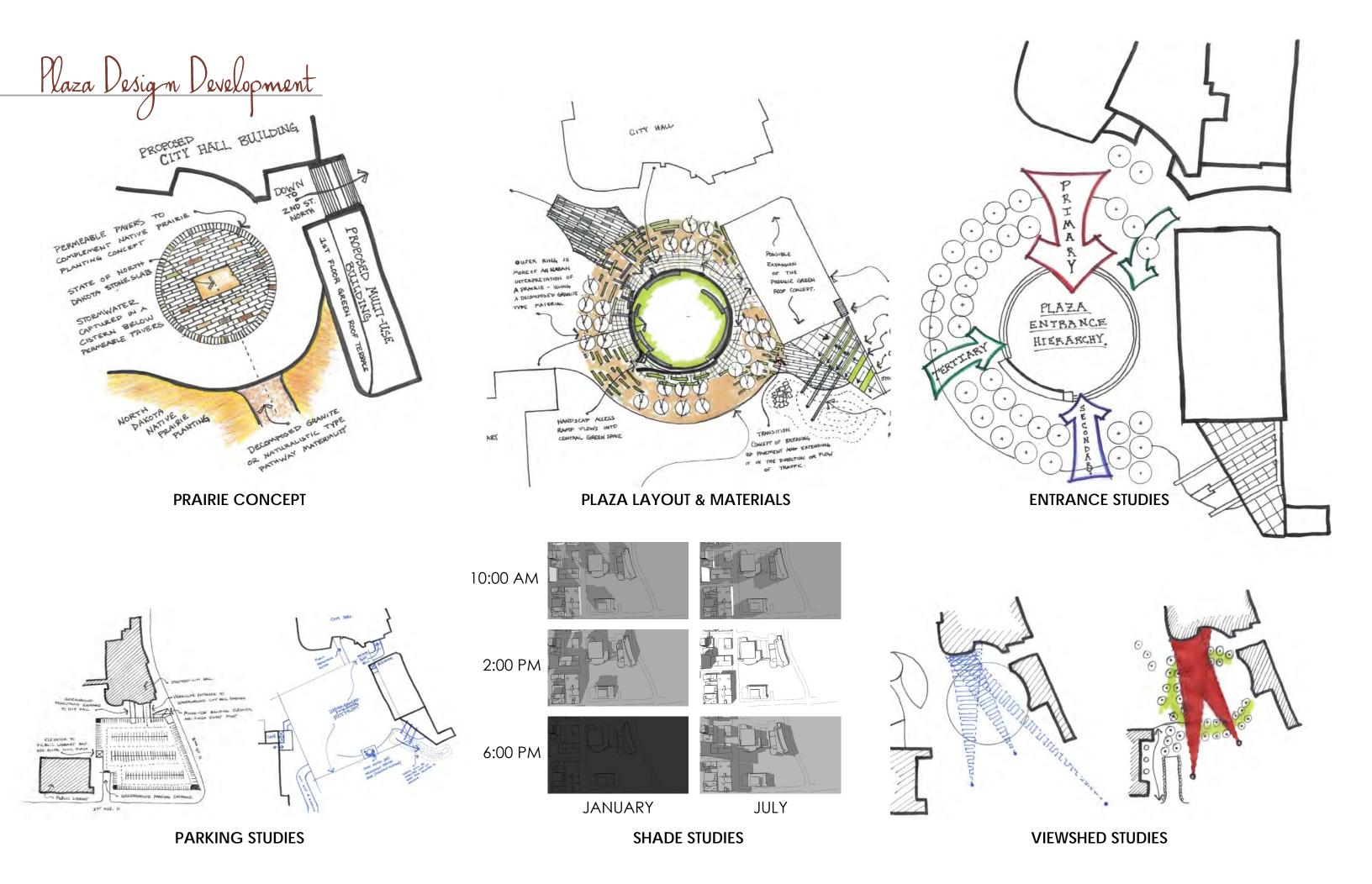
Early Design Concepts
2 Important Design Development

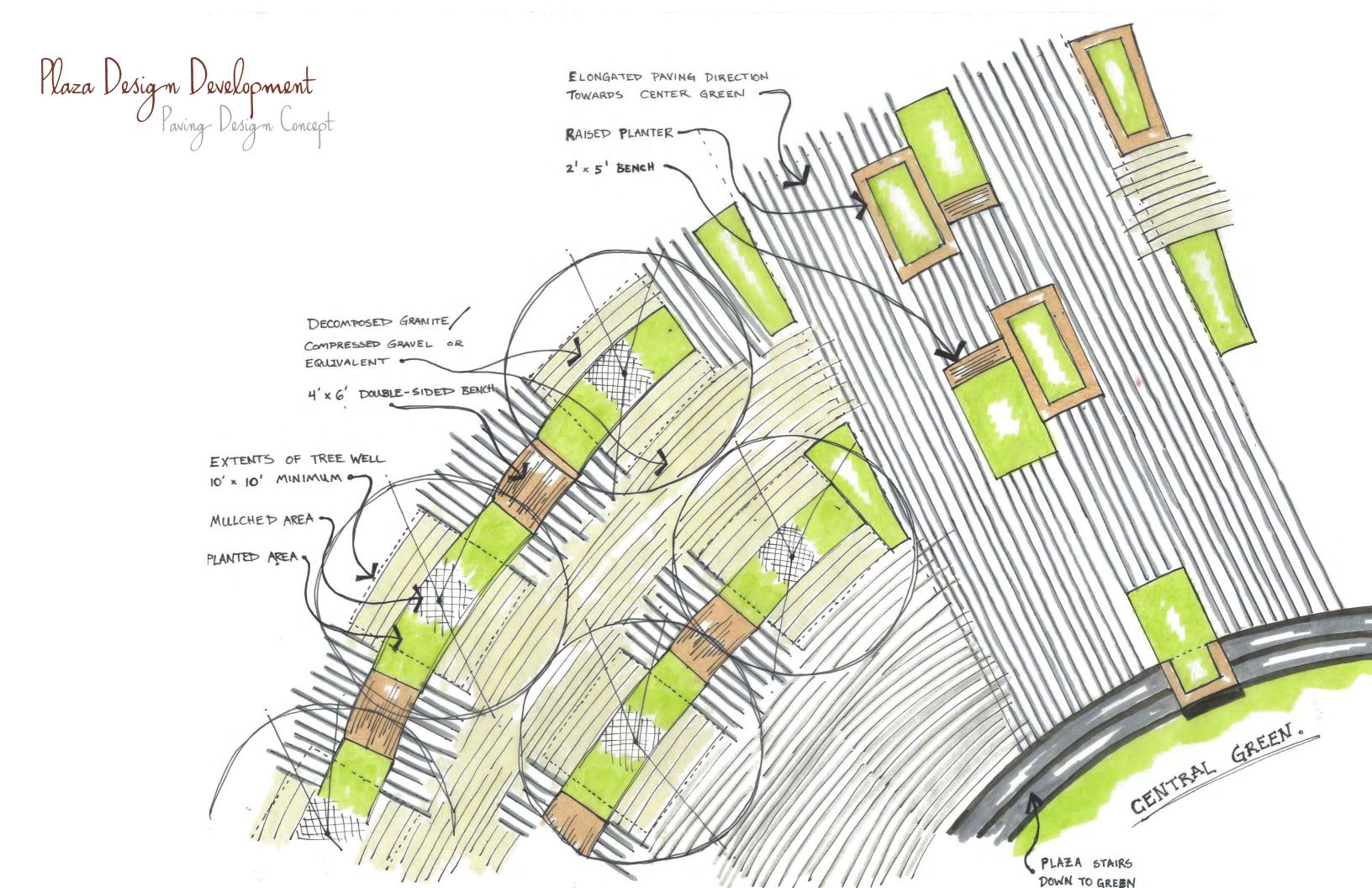
CIVIL CENTER EXTEND BUILDING CAFÉ DRAWING INSPIRATION FROM CASE-STUDIES MELCONE! PLANTING CONCEPT TYPOLOGIES DESIGNATED STORMWATER HOLDING AREAS STORMWHER HOLDING LBRARY

Most Influential Design Concept for the Red River Civic Plaza RAMP TO UNDERGROUND PARKING 2 ST. JANZ 5 ZONE EXISTING CIVIC CENTER . PROPOSED CITY HALL BILLDING CAFE BUILDING SHADE STRUCTURE CIVIC CENTER PLAZA EXTENSION . PEDESTRIAN BRIDGE LURIE-GARDEN INSPIRED WIELDOME PLANTING & RAIN GARDEN PROPOSED MULTI-USE 2ND AVENUE PEDESTRIAN BUILDING PARK ENTRANCE .-Jananan MULTI-USE ZND AVE. N CIVIC PLAZA CIVIC GREEN STORMWATER PERFORMANCE STAGE MANAGEMENT ZONE AND WATER FOUNTAIN . PLAZA NORTH DAKOTA MULTI-USE PLAZA INSPIRED PRAIRIE MULTI-USE LAWN PLANTING SCHEME ASCENDING STAIRS . LURIE GARDEN ONTO LAWN INSPIRED ENTRANCE NATIVE PRAIRIE RETAINING WALLS PLANTING SCHEME STORMWATER MANAGEMENT ZONE EXISTING PUBLIC LIBRARY BIOFILTRATION PLANTERS CHICANE FOR STREET MOORHEAD, MN -UNDERGROUND STORMWATER INFILTRATION RAINWATER PARKING ENTRANCE HARVESTING 1ST AVE. N. ZONE

Spatial Programming Concept for the Red River Civic Plaza



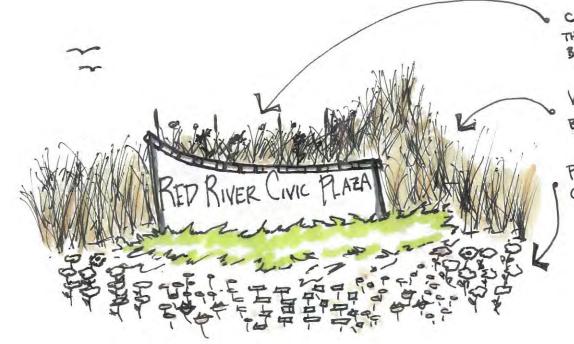




West Entry Development



West Entry Development

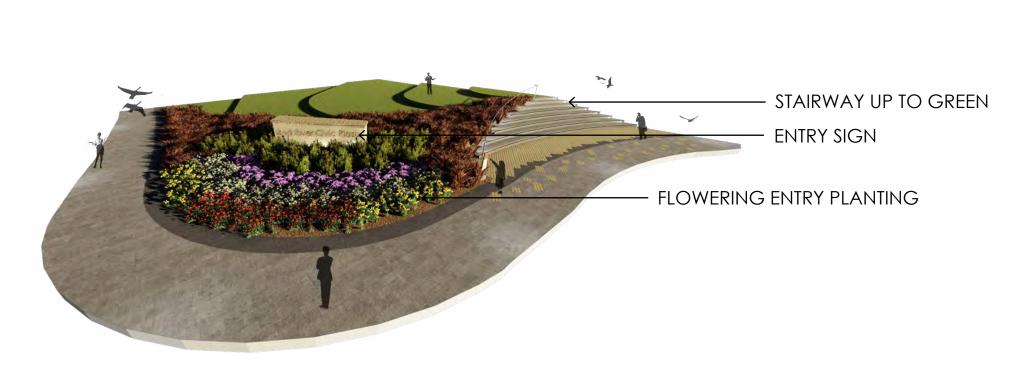


CONTRASTING ARCHING FORMS OF THE GRASSES + THE ENTRY SIGN BRING BALANCE TO THE COMPOSITION.

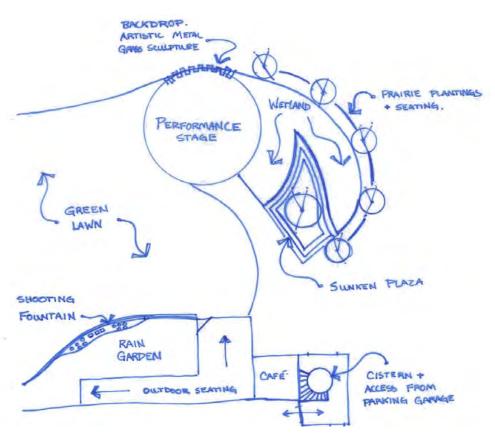
WINTER FORM WILL BE MAINTAINED BY USE OF GRASSES + EVERGREEN

PERENNIALS TO ADD SEASONAL COLOR TO ENTRANCE

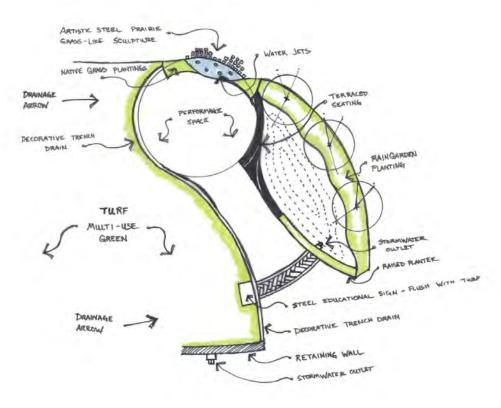
ENTRY SIGN CONCEPT



WEST ENTRY MODELING



SUNKEN PLAZA CONCEPT



PERFORMANCE STAGE



Multi-Seasonal Civic Plaza

NORTH DAKOTA URBAN PRAIRIE STYLE PLANTING; MIXES GRASSES WITH WILDFLOWERS WHICH BRINGS A NATURAL & COLORFUL AMBIANCE TO THE PLAZA

PERFORMANCE STAGE •

PERFORMANCE STAGE RAIN GARDEN

DESCENDING INTERACTIVE TERRACED SEATING

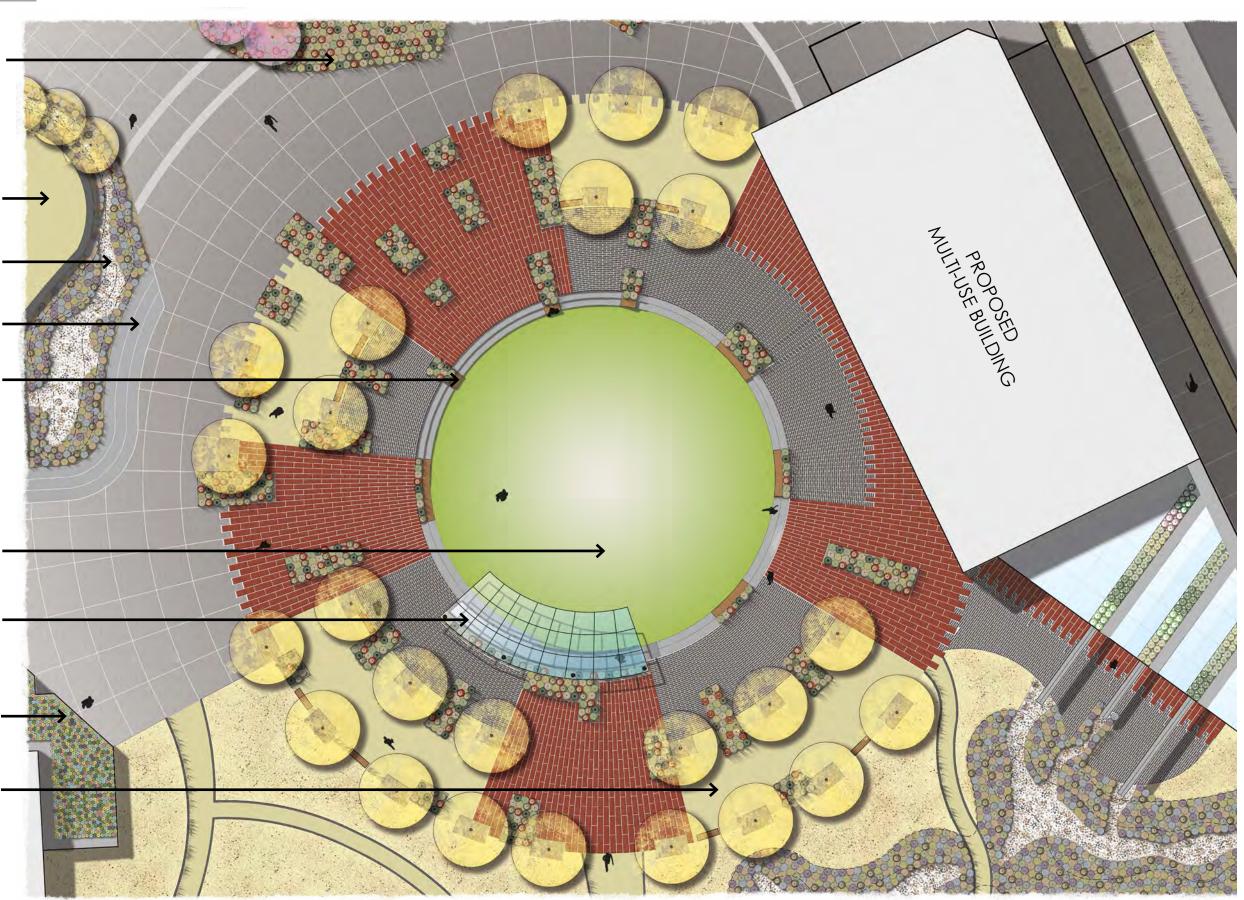
18" (H) WOOD SEATING INTEGRATED ALONG THE CENTRAL GREEN EDGES. THE WOOD BENCH INSERTS ADDS A WARM AND COMFORTABLE SEATING OPTION TO THE CONCRETE STEP PERIMETER.

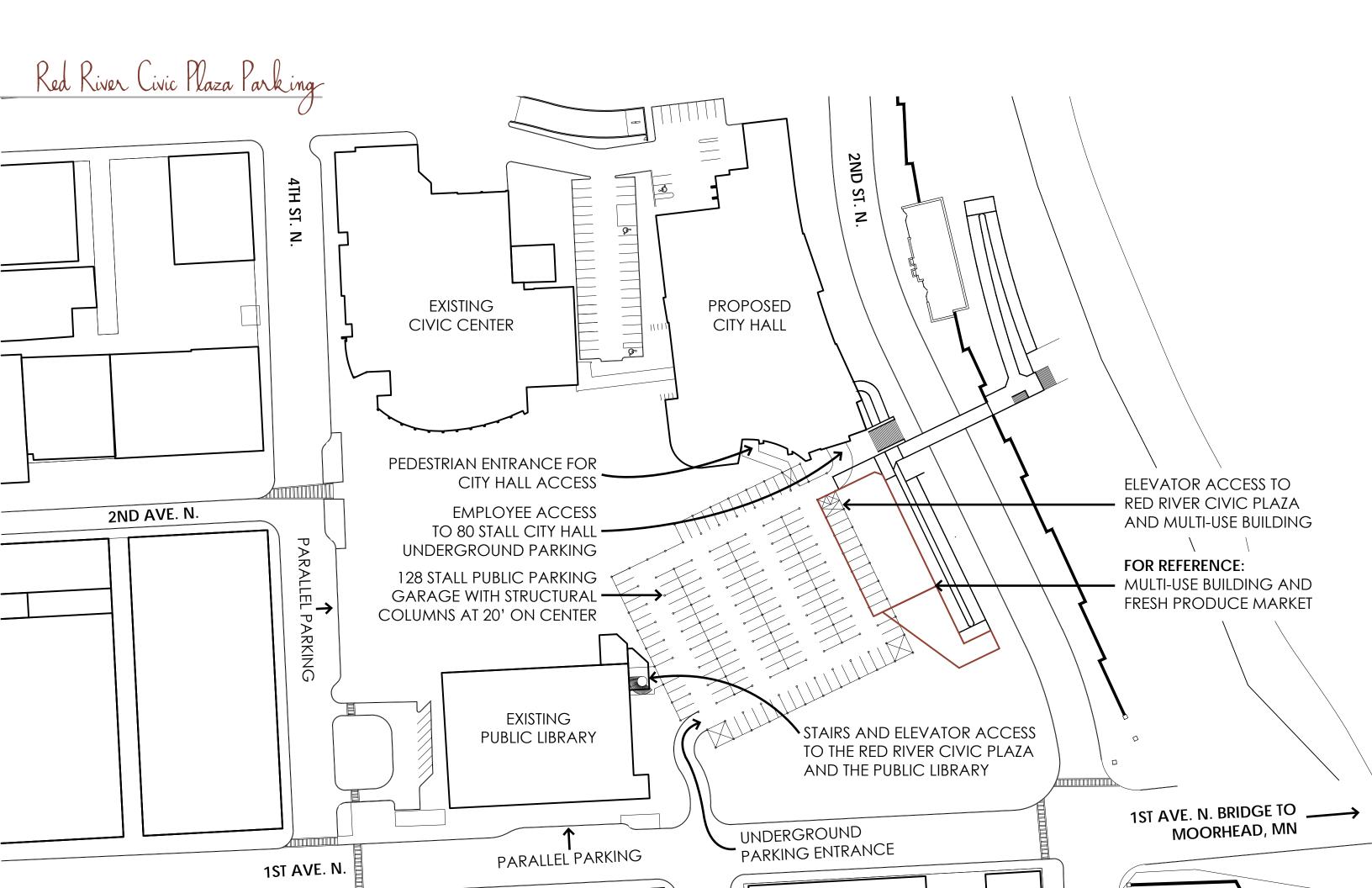
92' DIAMETER GREEN; CONVERTED TO ICE RINK IN THE WINTER

GLASS SHADE STRUCTURE OVER ADA RAMP

PROPOSED EAST LIBRARY
ENTRANCE & ATTACHED CAFE
WITH GREEN ROOF FEATURE

DECOMPOSED GRANITE PATHWAYS
SERVES AS A TRANSITIONAL FEATURE
CONNECTING THE CONTRASTING
NATIVE PRAIRIE TO THE URBAN PLAZA





Civic Plaza Site Relationships



1ST FLOOR: ELEVATORS FOR UNDERGROUND PARKING ACCESS, A WARMING HOUSE WITH PUBLIC RESTROOMS, THREE LOCAL BOUTIQUE RETAIL STORES, A GROCERY STORE WHICH HAS A CONNECTED FRESH PRODUCE MARKET.

2ND-4TH FLOORS: RESIDENTIAL UNITS, 4 UNITS ON EACH FLOOR FACE WEST & OVERLOOK THE PLAZA, 6 UNITS ON EACH FLOOR FACE EAST AND OVERLOOK 2ND STREET NORTH; ALL UNITS HAVE UNOBSTRUCTED ACCESS TO THE RED RIVER BY WAY OF A PUBLIC PEDESTRIAN BRIDGE.

RED RIVER PRODUCE MARKET WITH A PRODUCE GREEN ROOF, AND STORMWATER RUNNELS WITH RAIN CHAINS THAT DIRECT STORMWATER TO RAIN GARDENS, CREATING AN INTERACTIVE AND EDUCATIONAL ENTRANCE



FARGO CITY HALL BUILDING

UTILIZE CU STRUCTURAL SOIL: STORMWATER RUNOFF IS DIRECTED INWARDS TOWARDS CENTRAL GREEN

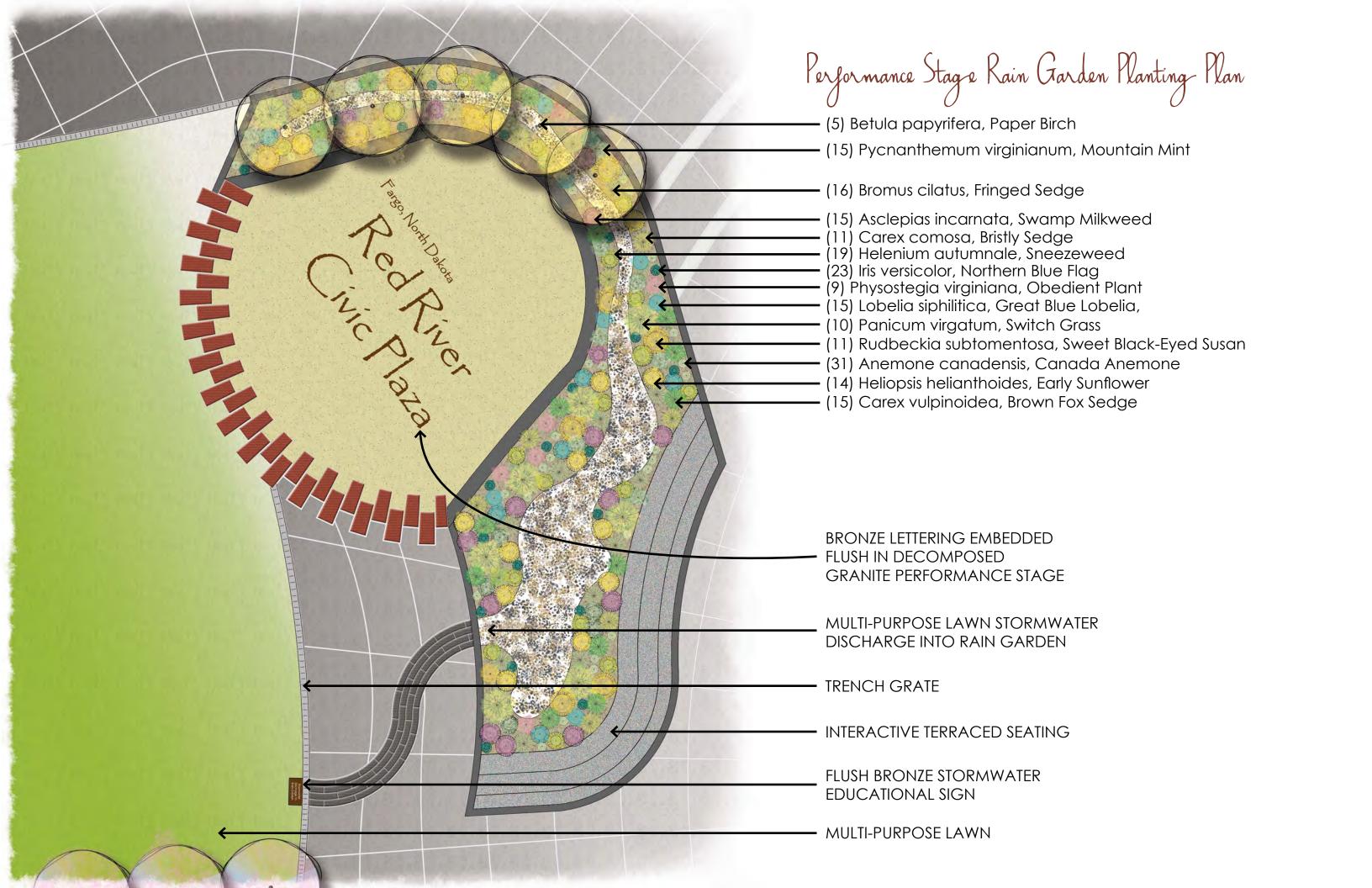
INFILTRATION SOILS, AND PERFORATED PIPES WHICH DIRECT CAPTURED STORMWATER TO RAIN GARDENS AND DRY WELLS TO THE SOUTH

RAMP WITH AN **OVERHEAD GLASS** SHADE STRUCTURE

TO DRY WELLS AND RAIN GARDENS WITHIN THE NATIVE PRAIRIE LANDSCAPE



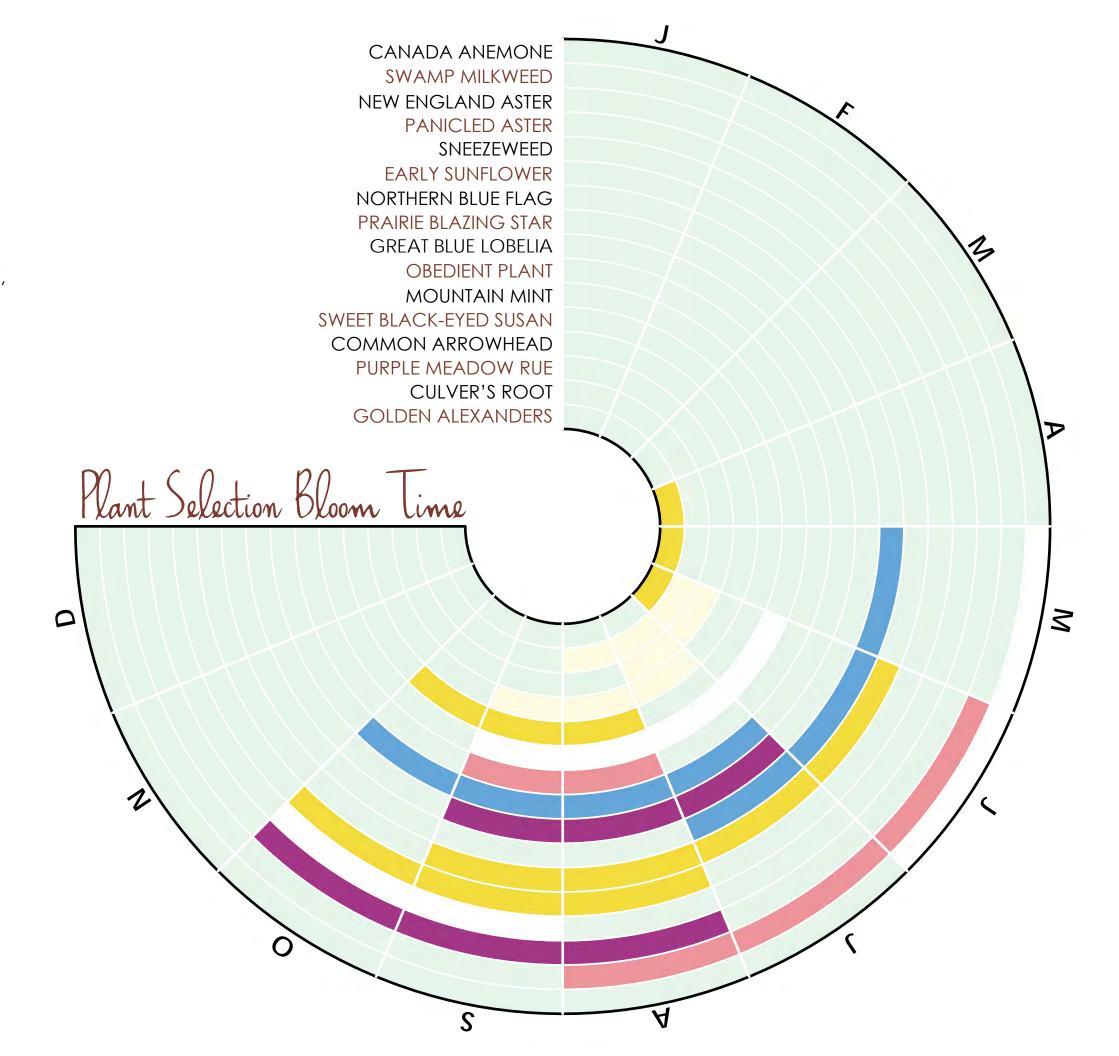




Rain Garden Bloom Schedule

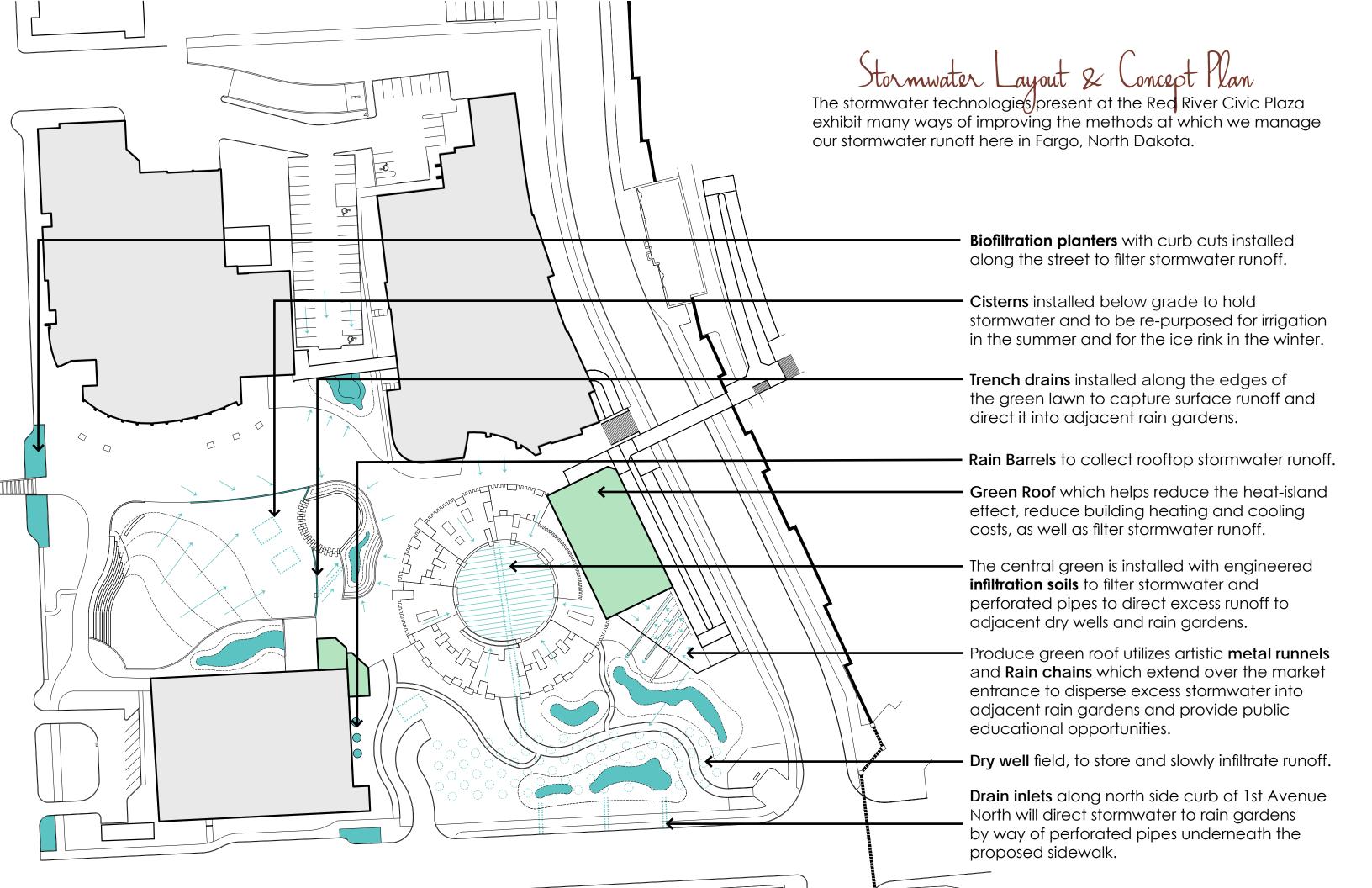
WILDFLOWERS ARE INTER-PLANTED WITH THE FOLLOWING RAIN GARDEN GRASSES:

FRINGED BROME, BLUE JOINT GRASS, WATER SEDGE, BRISTLY SEDGE, FRINGED SEDGE, PORCUPINE SEDGE, COMMON LAKE SEDGE, LANCE-FRUITED OVAL SEDGE, BROWN FOX SEDGE, VIRGINIA WILD RYE, SWITCH GRASS, DARK GREEN BULRUSH, WOOL GRASS, AND GREAT BULRUSH.









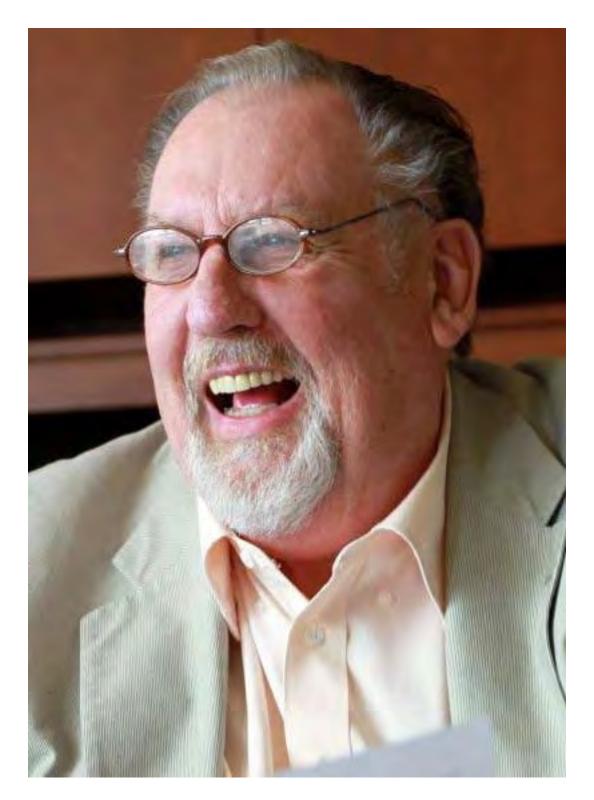












"I would like to see us utilize this space redesign for different uses"

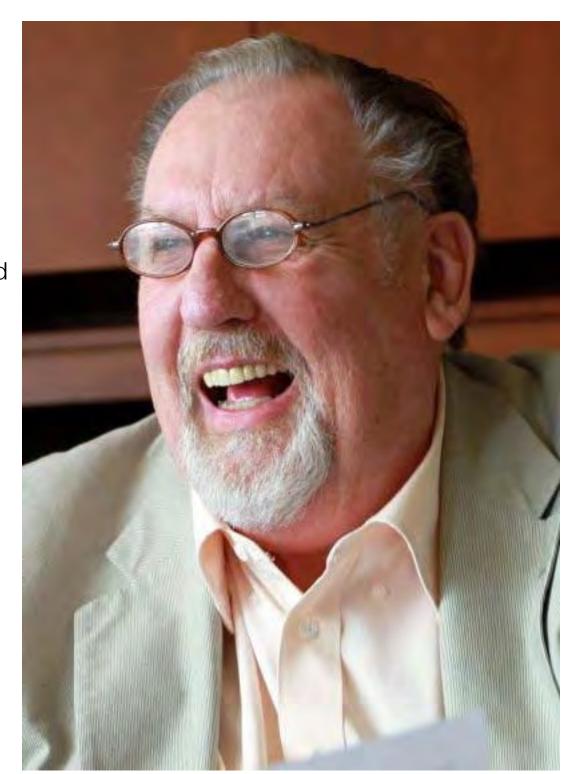
- Former Fargo Mayor Dennis Walaker (01/22/14)

"A People's Mayor"

"Walaker focused on what the people needed and wanted." - Former Mayor Mark Voxland

"Two things he loved – his city and his family."

- City Administrator Pat Zavoral



"Walaker had an extraordinary sense of what people wanted from their city's leader."

- City Administrator Pat Zavoral.

"I really thought he was a people's mayor"

- Former Mayor Mark Voxland

"Walaker also had a great sense of self-deprecating humor and had a tremendous laugh"

R.I.P. Mayor Dennis Walaker January 10, 1941 - December 2, 2014

