



MID-LEVEL LANDSCAPE ARCHITECTURE PORTFOLIO

Helen Davidoski - Selected Works



Helen Davidoski

Mid-Level Landscape Designer

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LARE EXAMS

- Inventory, Analysis, and Project Management
- Planning & Design
- Construction Documentation and Administration
- Grading, Drainage, and Stormwater Management

ORGANIZATIONS/ COMMITTEES / AWARDS

- Design Awards Committee
- ASLA Colorado/Wyoming
- ULI - Discovery Committee
- LEED GA
- Radian Book Club
- DIG Urban Green Competition - Winner 2020

REFERENCES

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CONTENTS:

CSU’S VETERINARY HEALTH & EDUCATION CENTER

CCD’S CAMPUS GATEWAY

DILLON WALKABILITY MASTER PLAN, PHASES I & II

POLLINATOR PARK NETWORK

1881 FARM PARK: COMMUNITY GARDENS AND THE CHANNEL

POPULOUS HOTEL GREEN ROOF

VETERINARY HEALTH AND EDUCATION COMPLEX

- CONCEPT DEVELOPMENT
- DESIGN DEVELOPMENT
- CONSTRUCTION DOCUMENTATION
- IN-DEPTH TID RESEARCH
- MATERIAL SELECTION
- GRAPHIC SUPPORT
- CUSTOM FURNITURE DESIGN

CLIENT: COLORADO STATE UNIVERSITY
YEAR: CURRENT

Nestled against the Ft. Collins foothills VHEC renovation takes on an abstracted form of the rugged rock formations that surround it. The building's design echoes the natural terrain, while the landscape represents a rewilded space that mimics the grasslands. Sculptural rock formations are set into the demonstration garden engulfing the entry plaza. Bathed in sunlight, this harmonious fusion of architecture and nature creates an immersive experience, inviting visitors to appreciate the beauty of both the built environment and the surrounding wilderness.

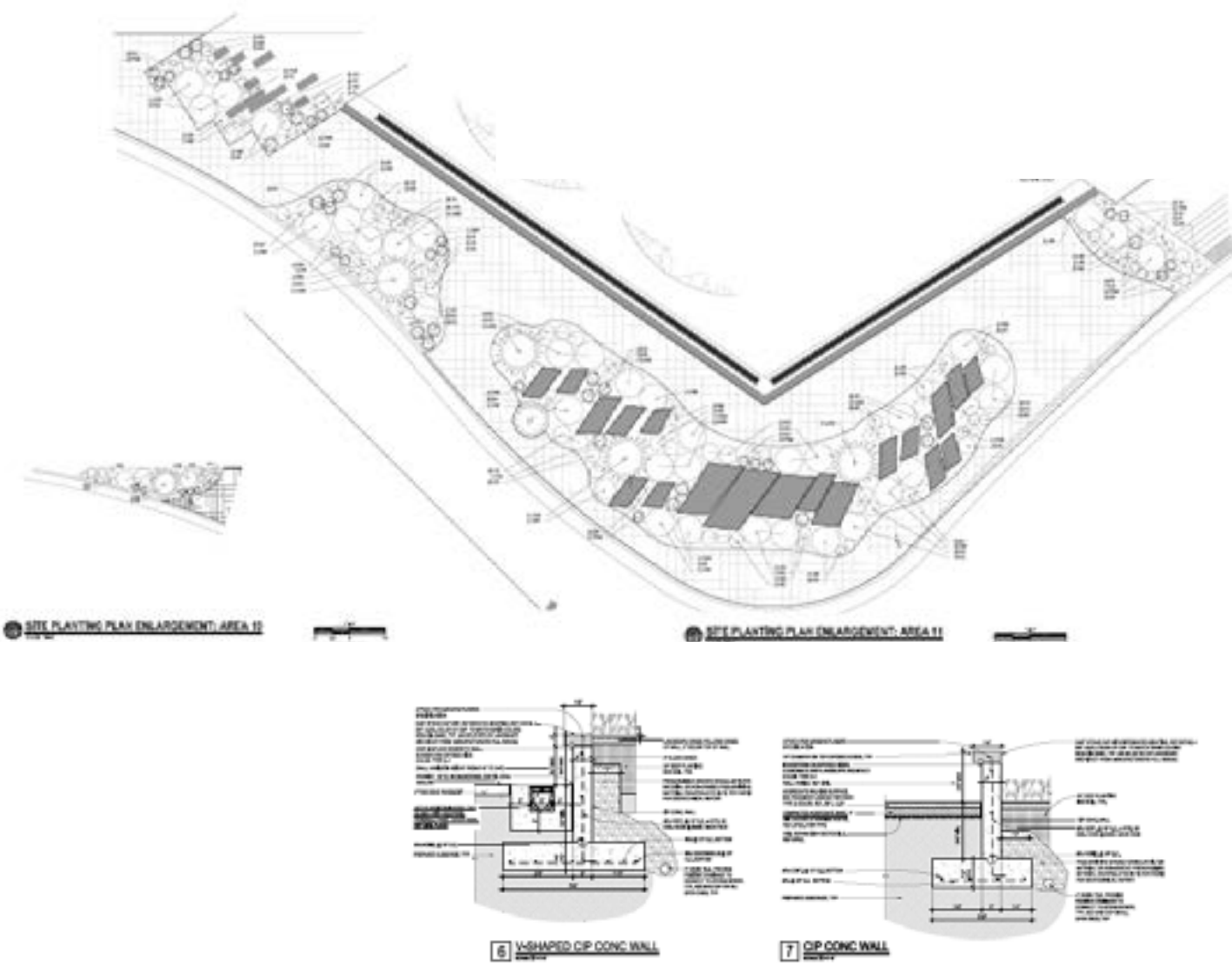


GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN



CLIMATE ADAPTIVE PLANTING

Using plant varieties that are uniquely adapted to Colorado's climate, this palette takes into consideration limited water-resource, extreme heat, and freezing temperatures. Many of the plants are endemic to the area and those that are not have been selected based on suitable attributes. The adaptive varieties that have been used are engineered to adapt to the increasingly extreme climate in the region.



GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN

Combination of evergreen and deciduous trees provide year round interest and texture.

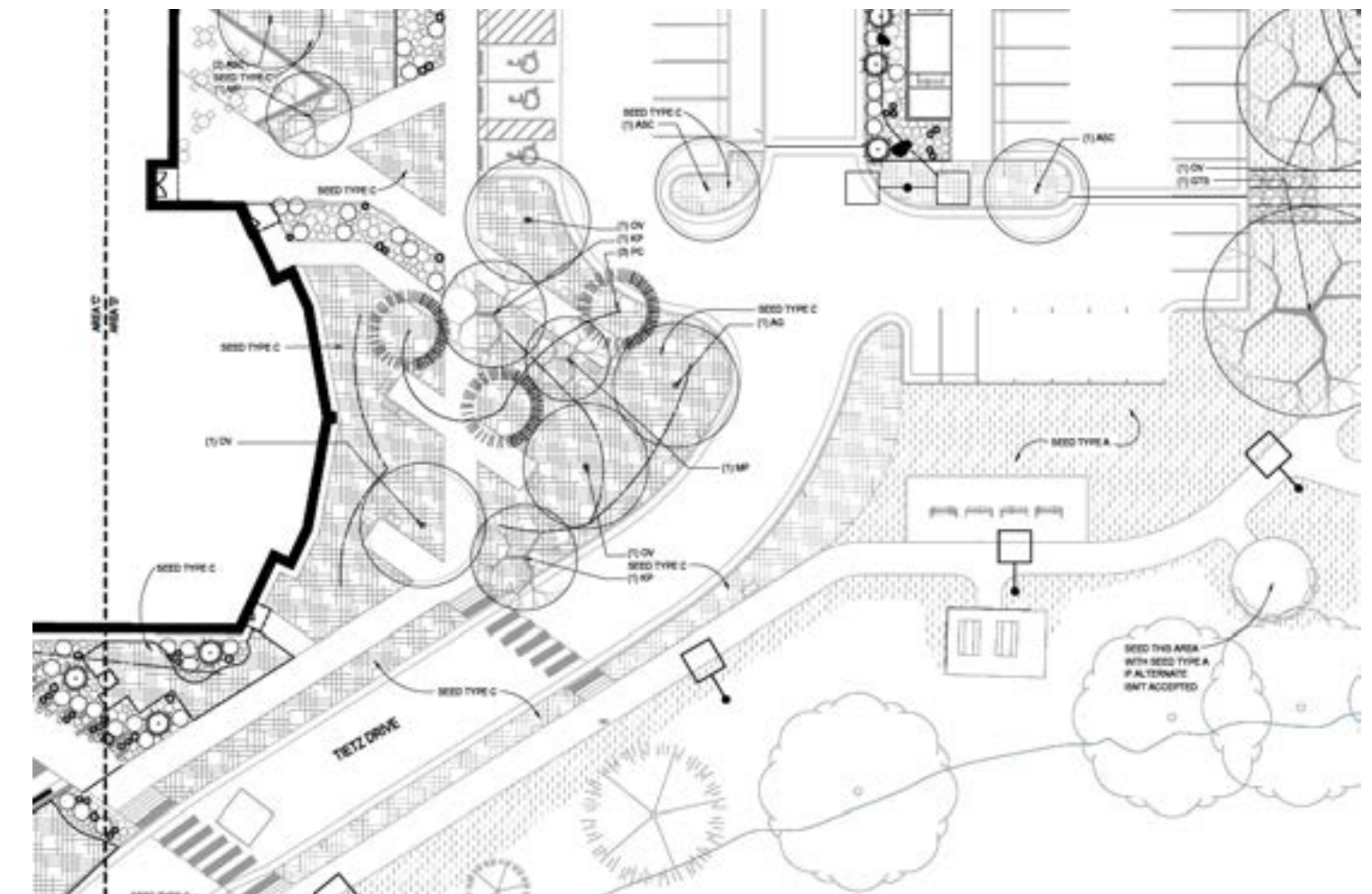


Multi-scalar seating areas provide choice in social interaction.

ADA accessible circulation ensures all users can experience the healing benefits of the space.

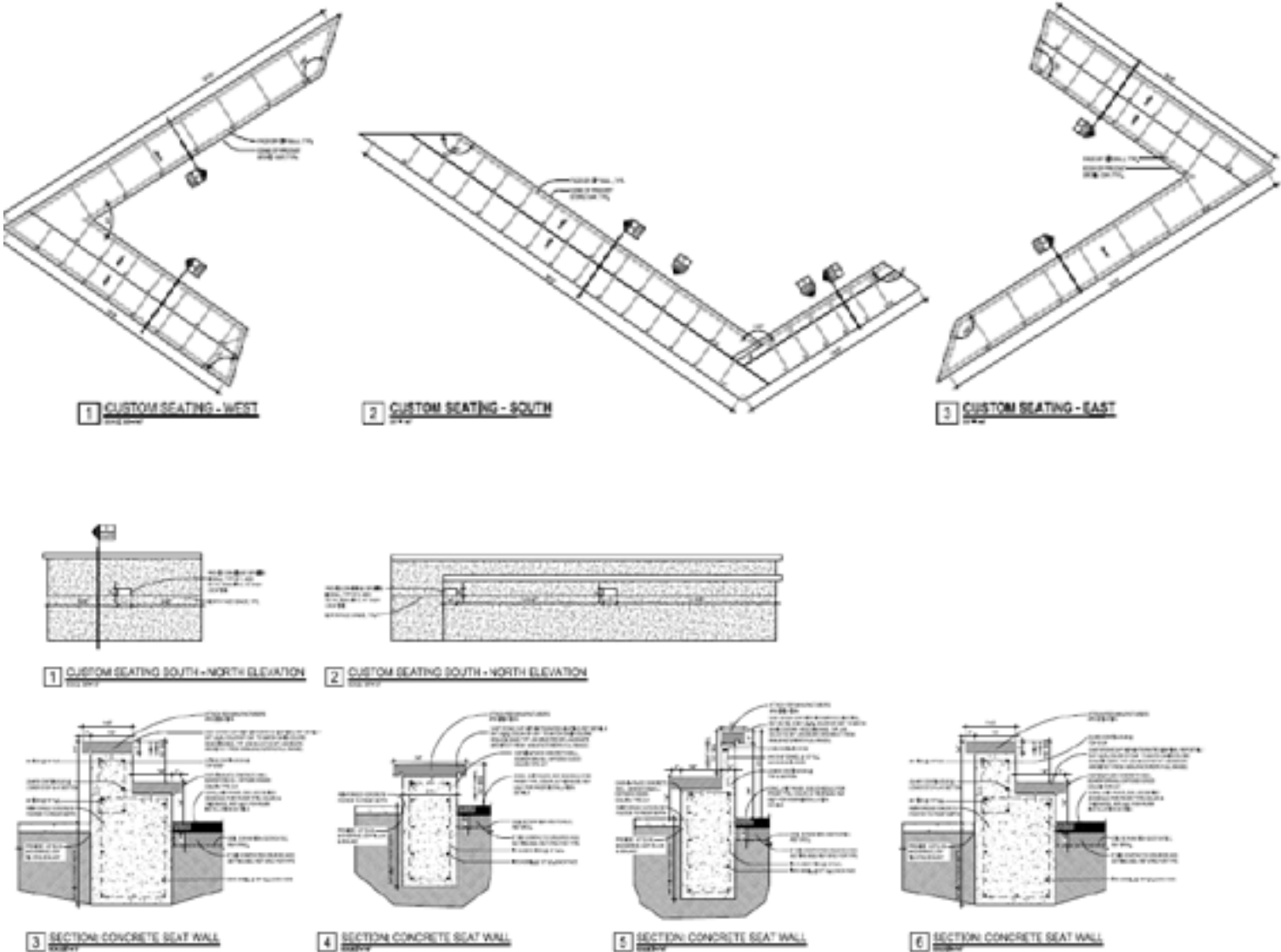
TRAUMA INFORMED DESIGN

Trauma-informed design is an approach to architecture and design that takes into account the impact of trauma on individuals' experiences and well-being. It recognizes that spaces can either exacerbate or alleviate trauma symptoms and seeks to create environments that promote healing, safety, and empowerment. Veterinary students face a unique set of pressures that result in much higher than usual psychological distress resulting in higher rates of anxiety, depression, and suicide. Knowing this, we designed the surrounding site based on the unique needs of the users prioritizing the following elements: Safety, Accessibility, Sensory Activity, Trauma Awareness, Predictably Empowerment .



UNIVERSAL DESIGN SEATING

Universal Design seeks to make spaces and products accessible and usable by people of all ages, sizes, abilities, and backgrounds. The custom seats are designed for multiple users and groups. They can accommodate all sizes, abilities, groups, etc.



GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN

CCD CAMPUS GATEWAY

- SITE INVENTORY & ANALYSIS
- CONCEPT DEVELOPMENT
- DESIGN DEVELOPMENT
- PRESENTATION TO THE DRT
- CONSTRUCTION DOCUMENTATION

CLIENT: COMMUNITY COLLEGE OF DENVER
YEAR: CURRENT

In the heart of Denver, the Community College of Denver's new gateway plaza stands as a beacon of connection, identity, and safety. Here, amidst the bustling energy of student and citizen life, individuals from diverse backgrounds converge, finding common ground at the entrance of the campus. Boulder Creek's striking "billboard" facade proudly announces CCD's updated campus neighborhood and identifies the entrance to the rest of campus. Improvements to the terrain, lighting, and circulation make the space safer for all users at every time of day.



GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN

9th & Colfax Secondary Campus Entrance

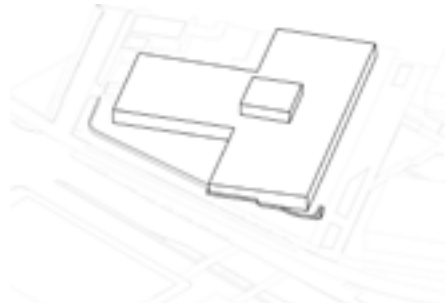


GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN



9th Street Courtyard

GRAPHIC PRODUCED IN COLLABORATION AT CLARK & ENERSEN



Existing Conditions

Boulder creek is the only building on campus that has not been renovated since the 1970's. The existing conditions are exposed, activating, and uninviting/



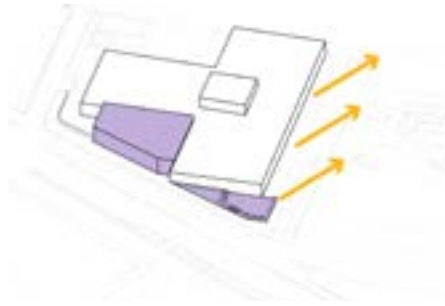
Pull Facade to Colfax

In order to accommodate the incoming influx of various user groups, the addition was pulled out to Colfax Ave. This gesture established more presence along the south side of the campus.



Peel back grade & terrace

Pulling back the grade opened sight lines making the space safer, more comfortable and creating room for vegetation, softening the area.



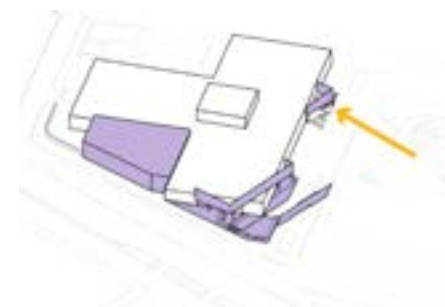
Connect to Cherry Creek

The clients main goals included connecting back to the other buildings in their campus "neighborhood."



Invite circulation in

Adding and updated building skin added texture and an updated look. Orienting the gesture inward pulls attention and traffic into the heart of the campus.



Connect to Cherry Creek

Pavement patterns connect the Boulder Creek building to the adjacent Cherry Creek building and make the connection between them more intuitive.



Establish 9th Street as Secondary Entrance

The 9th street courtyard re-captures the space for people oriented use and established the intersection as a secondary entrance.



Amend soil and establish climate adaptive plants

Due to the degraded soil and minimal water access the survival rate of plants and trees is low. Improving soil, selecting appropriate species, and designing successful irrigation will be critical to the success of the renovation.



Design Development - Campus Gateway

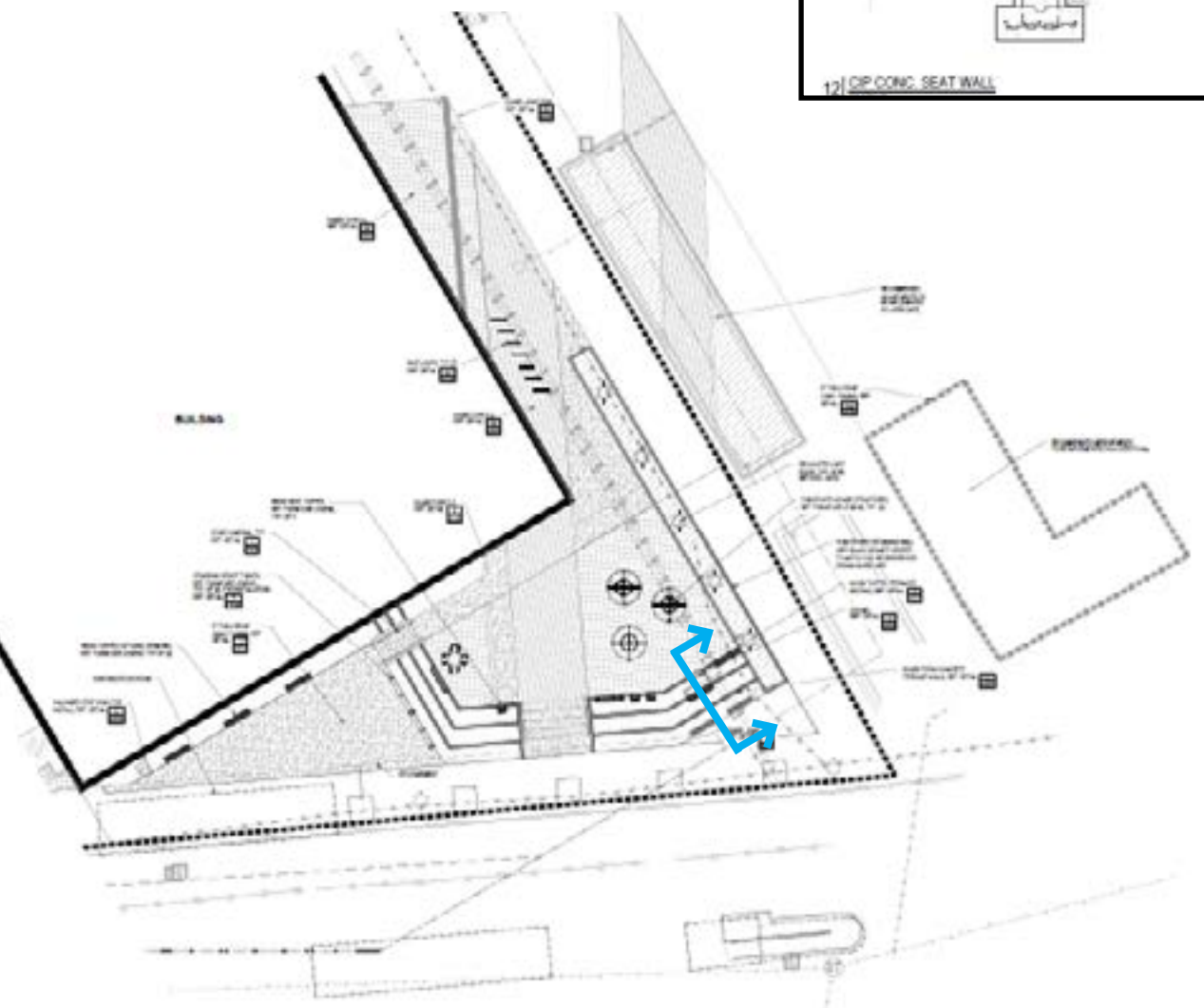
UNIT PAVEMENT SCHEDULE:

NO.	DESCRIPTION	THICKNESS	FINISH	REMARKS
1	CONCRETE CURB	6"	AS PER DETAIL	
2	WOOD TOPPED BENCHES	AS PER DETAIL	AS PER DETAIL	
3	TABLES	AS PER DETAIL	AS PER DETAIL	
4	STACKED CHAIRS	AS PER DETAIL	AS PER DETAIL	
5	PERFORATED METAL RIVET FENCE	AS PER DETAIL	AS PER DETAIL	

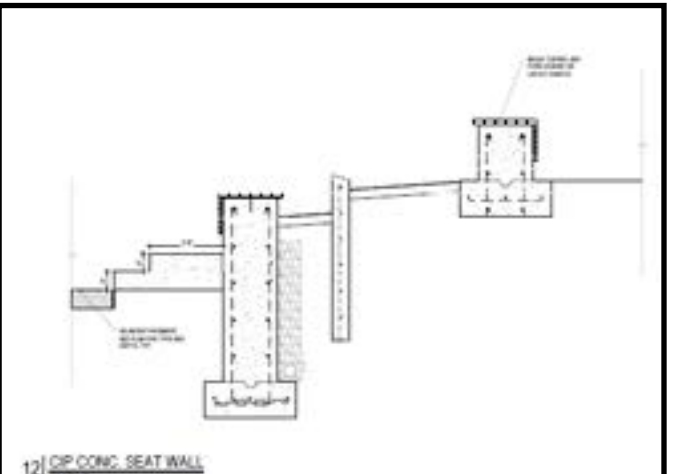
TYPICAL PAVEMENT PATTERNS



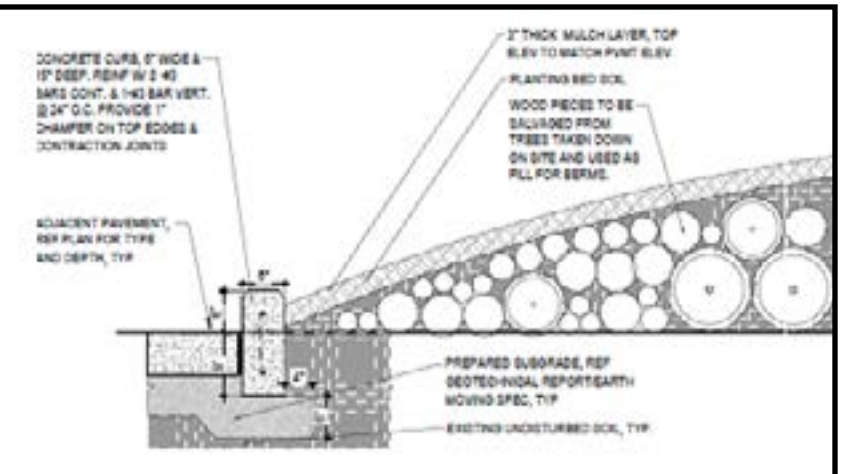
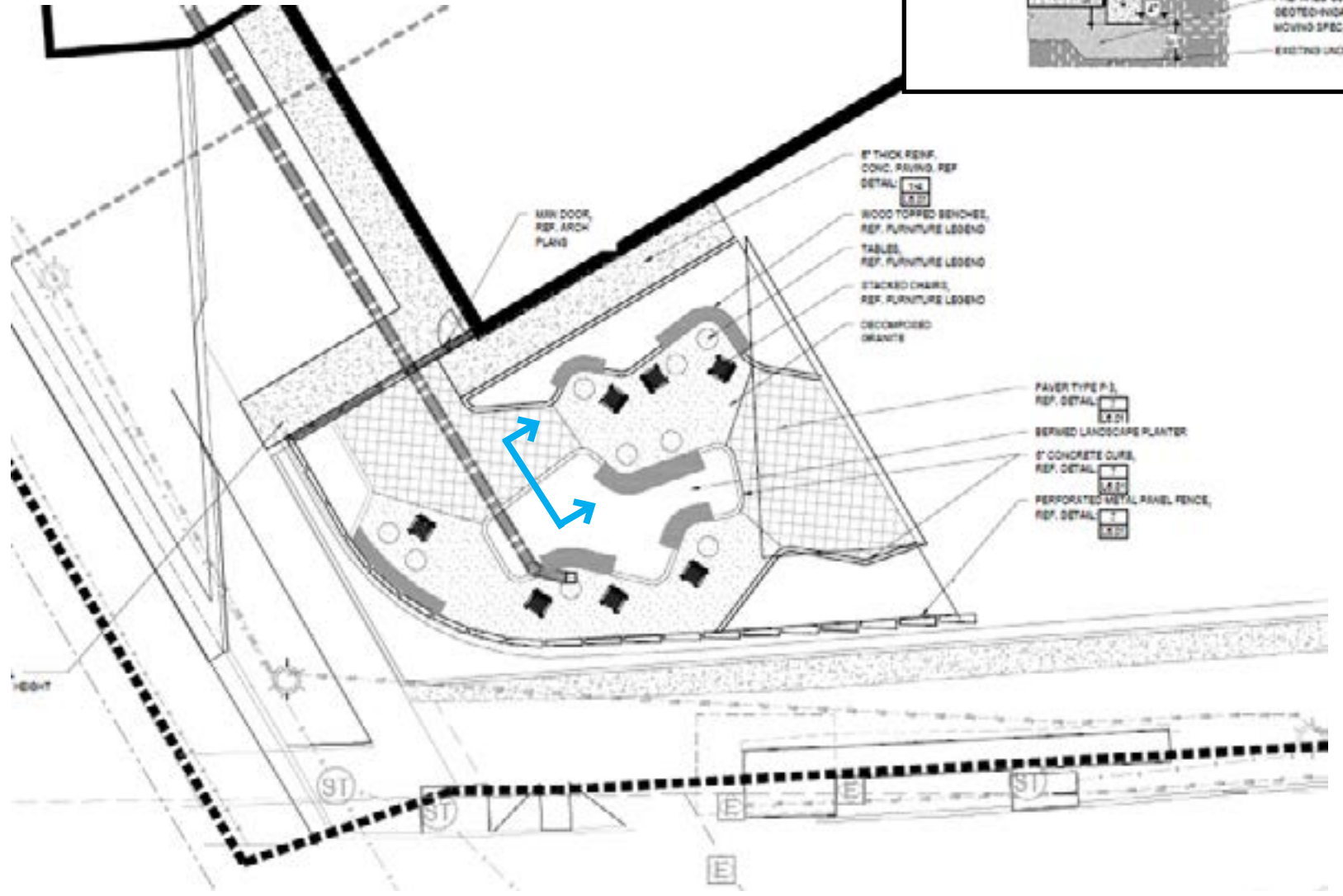
FURNITURE LEGEND



1 SITE LAYOUT PLAN AREA A



Design Development - 9th Street Courtyard



6" THICK REINF. CONC. PAVING, REF. DETAIL 12.1

WOOD TOPPED BENCHES, REF. FURNITURE LEGEND

TABLES, REF. FURNITURE LEGEND

STACKED CHAIRS, REF. FURNITURE LEGEND

DECOMPOSED GRANITE

PAVER TYPE P-1, REF. DETAIL 12.1

SERVED LANDSCAPE PLANTER

6" CONCRETE CURB, REF. DETAIL 12.1

PERFORATED METAL RIVET FENCE, REF. DETAIL 12.1

CONCRETE CURB, 6" WIDE & 12" DEEP, REINF. W/ #4 BARS CONT. & 1#3 BAR VERT. @ 24" O.C. PROVIDE 1" CHAMFER ON TOP EDGES & CONTRACTION JOINTS

2" THICK MULCH LAYER, TOP ELEV TO MATCH PAVT ELEV

PLANTING BED SOIL

WOOD PIECES TO BE SALVAGED FROM TREES TAKEN DOWN ON SITE AND USED AS FILL FOR BERMS

ADJACENT PAVEMENT, REF. PLAN FOR TYPE AND DEPTH, TYP

PREPARED SUBGRADE, REF. GEOTECHNICAL REPORT/EARTH MOVING SPEC. TYP

EXISTING UNDISTURBED SOIL, TYP

DILLON WALKABILITY

- COMMUNITY ENGAGEMENT
- WALKABILITY MASTERPLAN
- PHASE I - CONCEPT - CDS
- PHASE II - CONCEPT - DD

CLIENT: TOWN OF DILLON
YEAR: 2023 - CURRENT

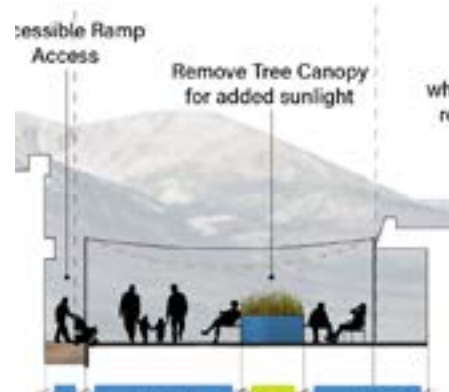
Nestled amidst the breathtaking vistas of the Colorado Rockies, the town of Dillon exudes a timeless charm that echoes its rich history and natural beauty. Recognizing the need to invigorate its town core and enhance connectivity among its amenities, Dillon embarked on a visionary journey with a walkability master plan. With a keen focus on preserving the town's unique character, this plan seeks to seamlessly blend modernity with tradition, breathing new life into its dated core.



SITE ANALYSIS



SITE INVENTORY



LANE DIETS



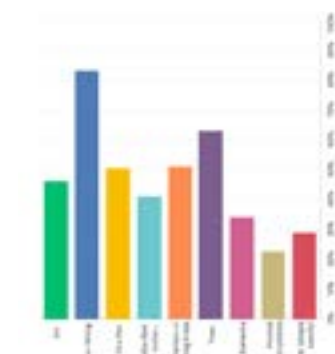
SITE PLAN



GRAPHIC PRODUCED BY KEVIN SMALL, CLARK & ENERSEN



INTERVIEWS



DATA ANALYSIS



VISUALIZATIONS



FULL MOON PARTY



CHARRETTE



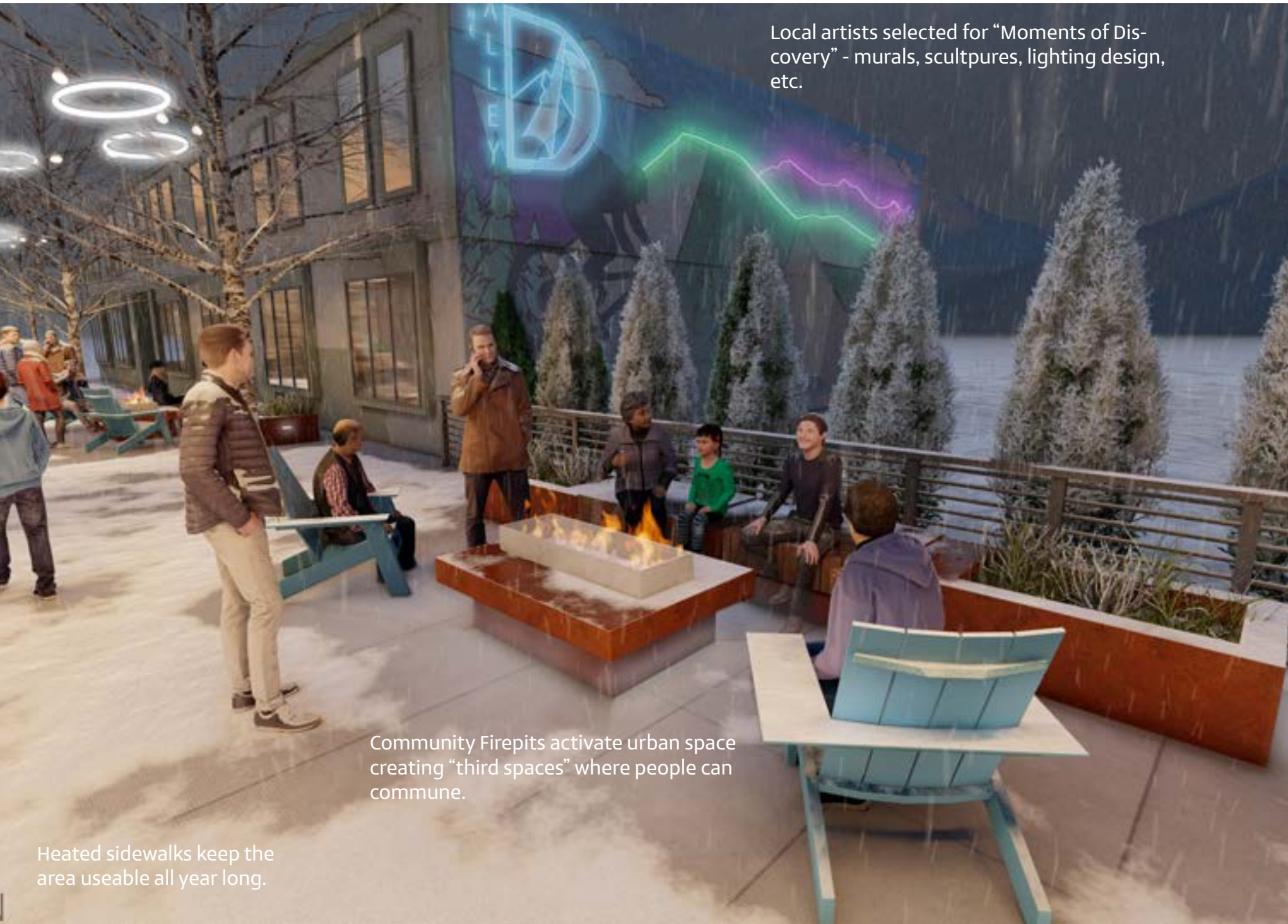
ICONS



RESEARCH



TOWN COUNCIL PRESENTATIONS



Local artists selected for “Moments of Discovery” - murals, sculptures, lighting design, etc.

Community Firepits activate urban space creating “third spaces” where people can commune.

Heated sidewalks keep the area useable all year long.



Modular design and moveable furniture allow for flexibility in programming.



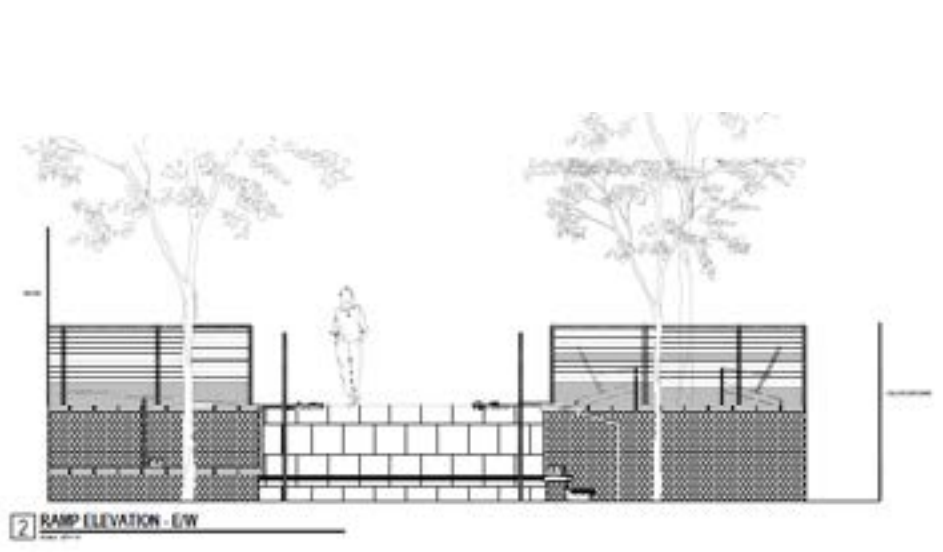
WINTER MARKET AT THE ALLEY



MOMENT OF DISCOVERY



UNIVERSALLY ACCESSIBLE RAMP



ELEVATION DETAIL

100% Construction Documents - Overall Layout Plan

HARDSCAPE LEGEND:

	1" THICK CONCRETE ON GRANULAR FILL WITH 1" REINFORCING BARS		CONCRETE ON GRANULAR FILL
	2" THICK CONCRETE ON GRANULAR FILL WITH 1" REINFORCING BARS		CONCRETE ON GRANULAR FILL
	GRAVEL		CONCRETE ON GRANULAR FILL
	CONCRETE ON GRANULAR FILL		CONCRETE ON GRANULAR FILL

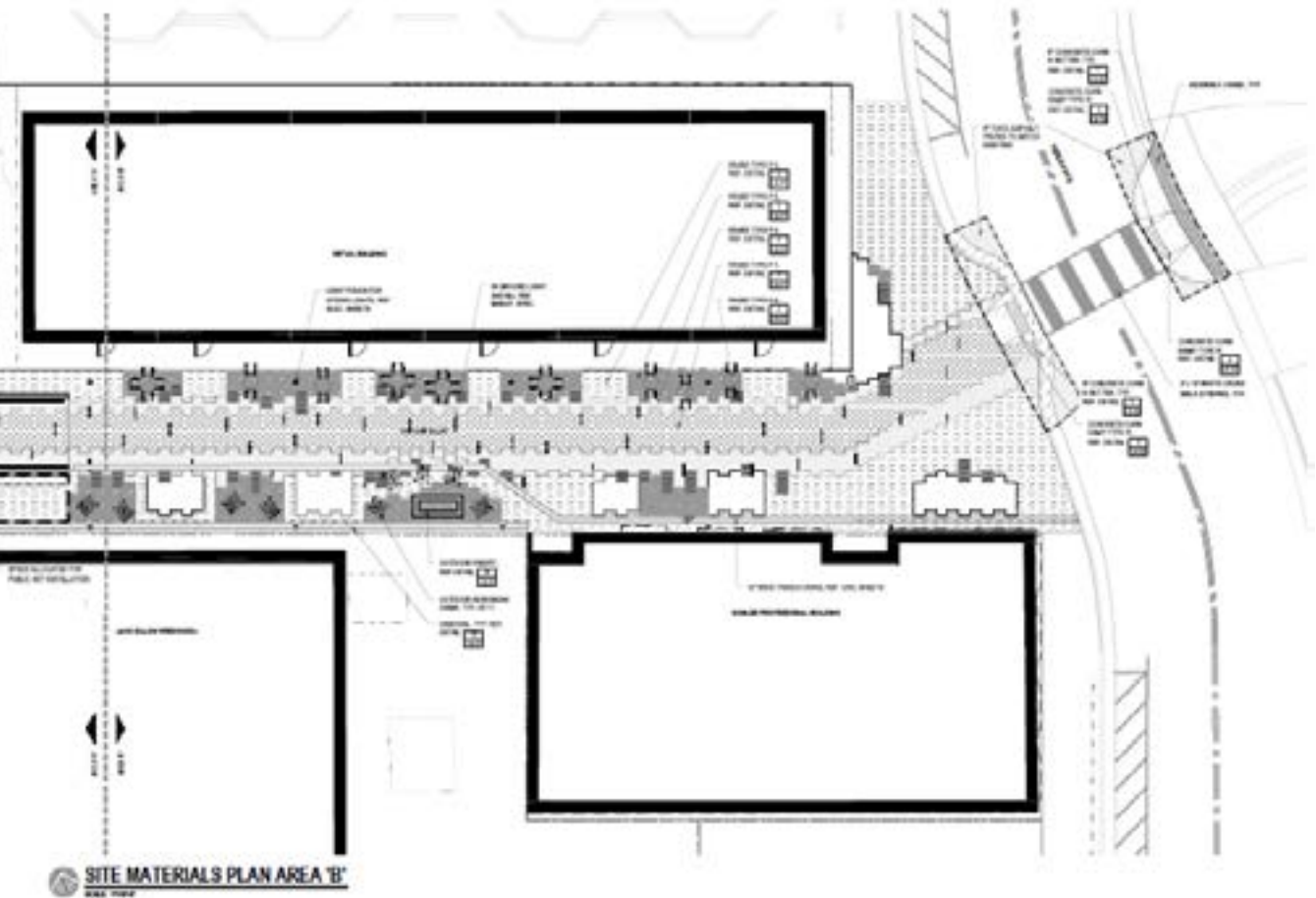
UNIT PAVEMENT SCHEDULE:

NO.	DESCRIPTION	QUANTITY	UNIT	DATE	BY
1	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
2	CONCRETE ON GRANULAR FILL	2000	SQ. YD.	10/15/18	JLM
3	CONCRETE ON GRANULAR FILL	1500	SQ. YD.	10/15/18	JLM
4	CONCRETE ON GRANULAR FILL	500	SQ. YD.	10/15/18	JLM
5	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
6	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
7	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
8	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
9	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM
10	CONCRETE ON GRANULAR FILL	1000	SQ. YD.	10/15/18	JLM

TYPICAL PAVEMENT PATTERNS:

FURNITURE LEGEND:

- 1. BENCH
- 2. BENCH WITH SEAT
- 3. BENCH WITH SEAT AND BACK
- 4. BENCH WITH SEAT AND BACKREST
- 5. BENCH WITH SEAT AND BACKREST AND ARMREST
- 6. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE
- 7. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA
- 8. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE
- 9. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA
- 10. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE
- 11. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA
- 12. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE
- 13. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA
- 14. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE
- 15. BENCH WITH SEAT AND BACKREST AND ARMREST AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA AND TABLE AND UMBRELLA

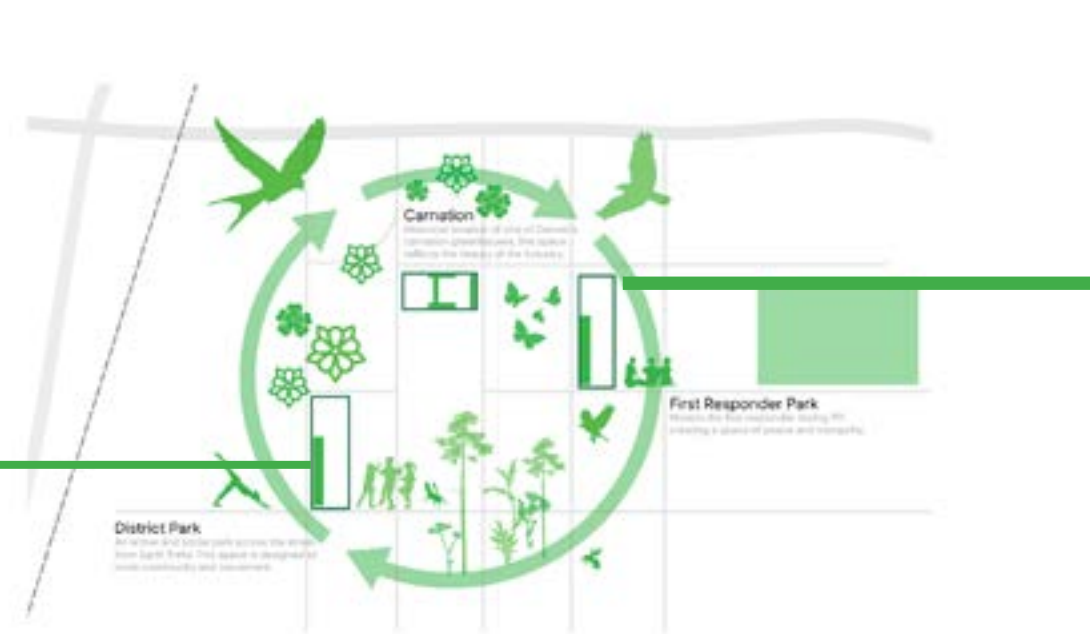


SITE MATERIALS PLAN AREA 'B'

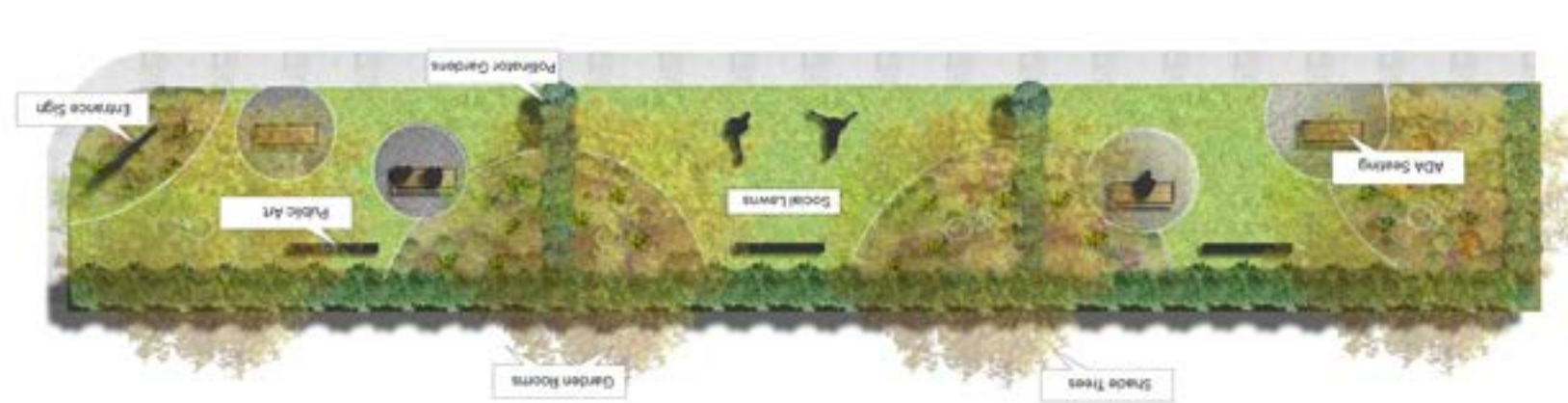
POLLINATOR POCKET PARKS



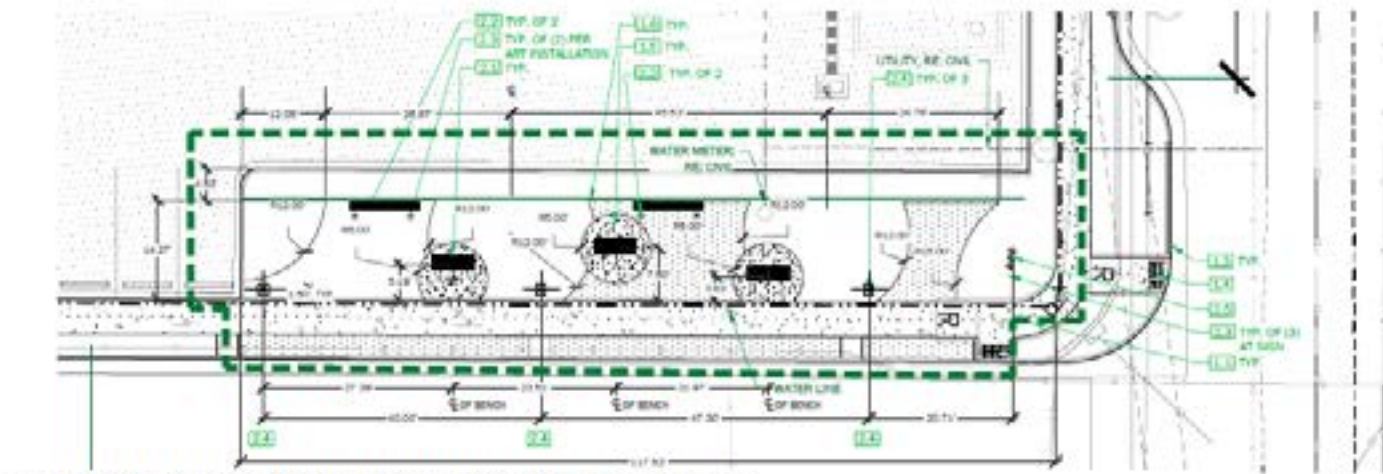
LEAD DESIGNER
 CLIENT: METROPOLITAN
 RESIDENTIAL ADVISORS -
 ENGLEWOOD, CO
 YEAR: 2022



- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION DOCUMENTATION
- GRAPHIC PRODUCTION



100% Construction Documents - ELK



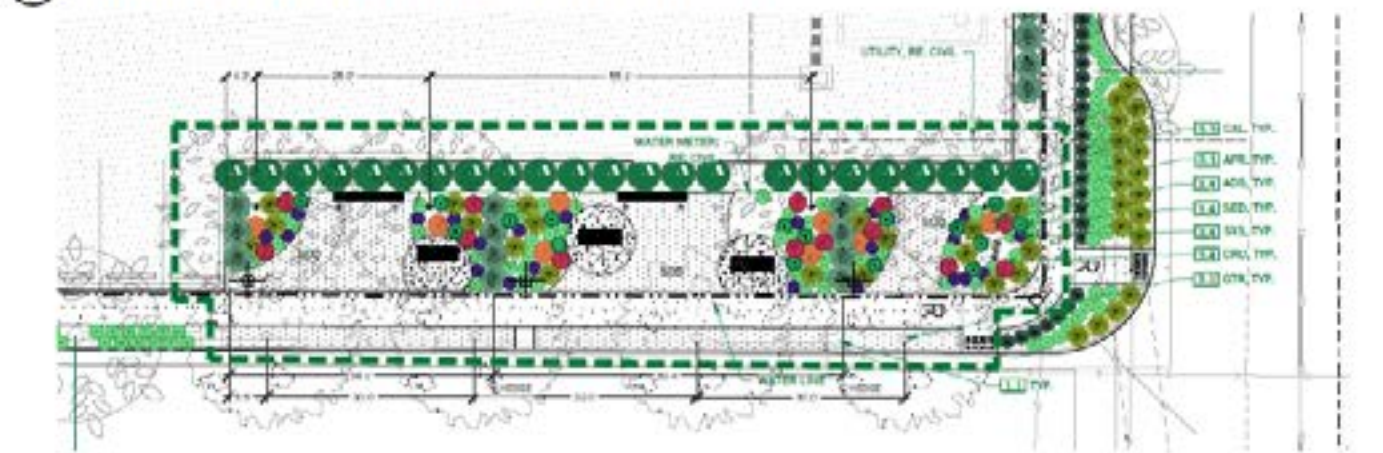
A PARK ENLARGEMENT PLAN - MATERIALS + LAYOUT

KEYNOTES

PAVING, CURBS, AND SWAYS	
1.1	CONCRETE PAVING
1.2	ASPHALT PAVING
1.3	CONCRETE CURB
1.4	ADA RAMP
1.5	CRUSHER FINES
1.8	STEEL EDGER

SITE FURNISHINGS AND FEATURES	
2.1	BENCH
2.2	ART
2.3	UPLIGHT
2.4	BOLLARD LIGHTING
2.5	SIGNAGE
2.6	TRASH RECEPTACLE
2.7	PET WASTE STATION

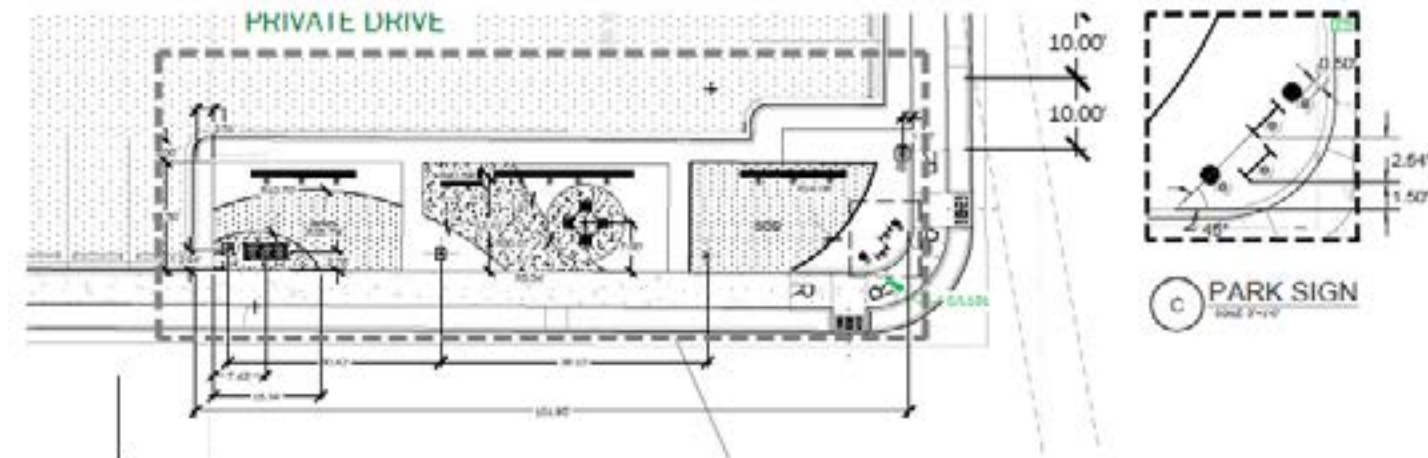
PLANTINGS	
3.1	DECIDUOUS TREE PLANTING
3.2	NOT USED
3.3	SHRUB PLANTING
3.4	PERENNIAL, ORNAMENTAL GRASS & GROUNDCOVER PLANTING



B PARK ENLARGEMENT PLAN - PLANTING



100% Construction Documents - GALA



A PARK ENLARGEMENT PLAN - MATERIALS + LAYOUT



B PARK ENLARGEMENT PLAN - PLANTING



KEYNOTES

PAVING, CURBS, AND SWAYS		DTL_PARK #
1.1	CONCRETE PAVING	RE DNL
1.2	ASPHALT PAVING	RE DNL
1.3	CONCRETE CURB	RE DNL
1.4	ADA RAMP	RE DNL
1.5	GRAVEL MULCH	RE DNL
1.6	CRUSHER FINES	3/1,3.0
1.7	STEEL EDGER	4/1,3.0

SITE FURNISHINGS AND FEATURES		DTL_PARK #
2.1	BENCH	1/1,200
2.2	ART	TO BE COORDINATED WITH OWNER
2.3	UPLIGHTS	3/1,201
2.4	BOLLARD LIGHTING	3/1,201
2.5	FLAGPOLE	3/1,200
2.6	SIGNAGE	1/1,202
2.7	PICNIC TABLE	3/1,200
2.8	TRASH CAN	3/1,201
2.9	DOG LITTER	4/1,201

PLANTINGS		DTL_PARK #
3.1	DECIDUOUS TREE PLANTING	3/1,3.0
3.2	EVERGREEN TREE PLANTING	4/1,3.0
3.3	SHRUB PLANTING	2/1,3.0
3.4	PERENNIAL, ORNAMENTAL GRASS & GROUNDCOVER PLANTING	1/1,3.0

1881 FARM PARK COMMUNITY GARDEN + THE CHANNEL

- IN-DEPTH REGENERATIVE AGRICULTURAL RESEARCH
- CONCEPT DEVELOPMENT
- DESIGN DEVELOPMENT
- CONSTRUCTION DOCUMENTATION - DETAILS
- MATERIAL AND FURNITURE SELECTION
- GRAPHIC SUPPORT

CLIENT: WINDLER PUBLIC IMPROVEMENT AUTHORITY
YEAR: 2022

Boulder creek is the only building on campus that has not been renovated since the 1970's. The existing conditions are exposed, active, and distressing. Boulder creek is the only building on campus that has not been renovated since the 1970's. The existing conditions are exposed, active, and distressing. Boulder creek is the only building on campus that has not been renovated since the 1970's. The existing conditions are exposed, active, and distressing.



AWARD OF
EXCELLENCE



2023 DESIGN AWARDS
HONORABLE MENTION

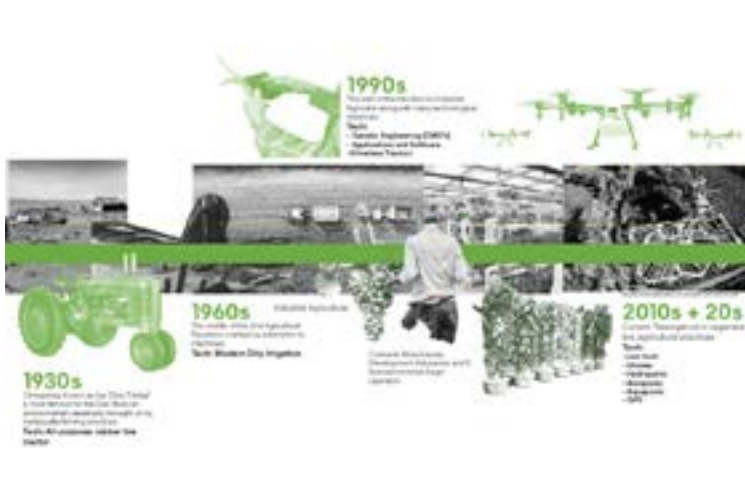
Architizer
A+Awards



RESEARCH AND COMPETITION



REGENERATIVE AGRICULTURE LITERATURE



HISTORICAL TIMELINE OF THE SITE + REGION



COMPETITION CONCEPT



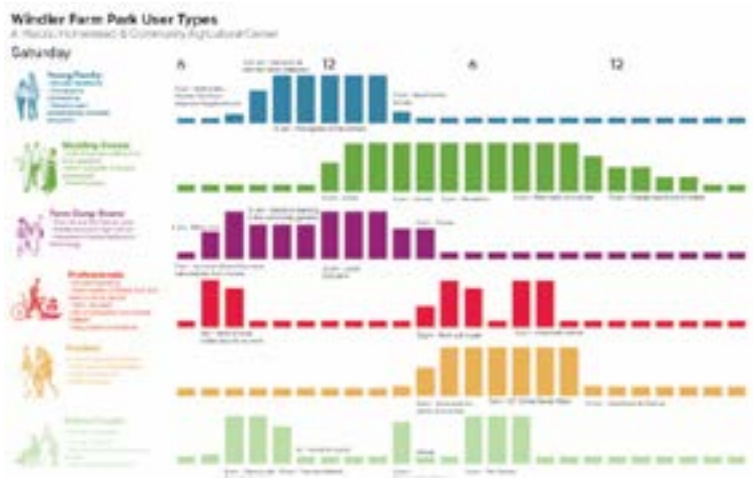
ON SITE ENCOUNTER WITH PREVIOUS USERS



FARM TOUR - ESOTERRA



VERTICAL FARM TOUR - ALTIUS FARMS



PROGRAMMING



ON SITE CONDITIONS



MAPPING



ON SITE INSPIRATION



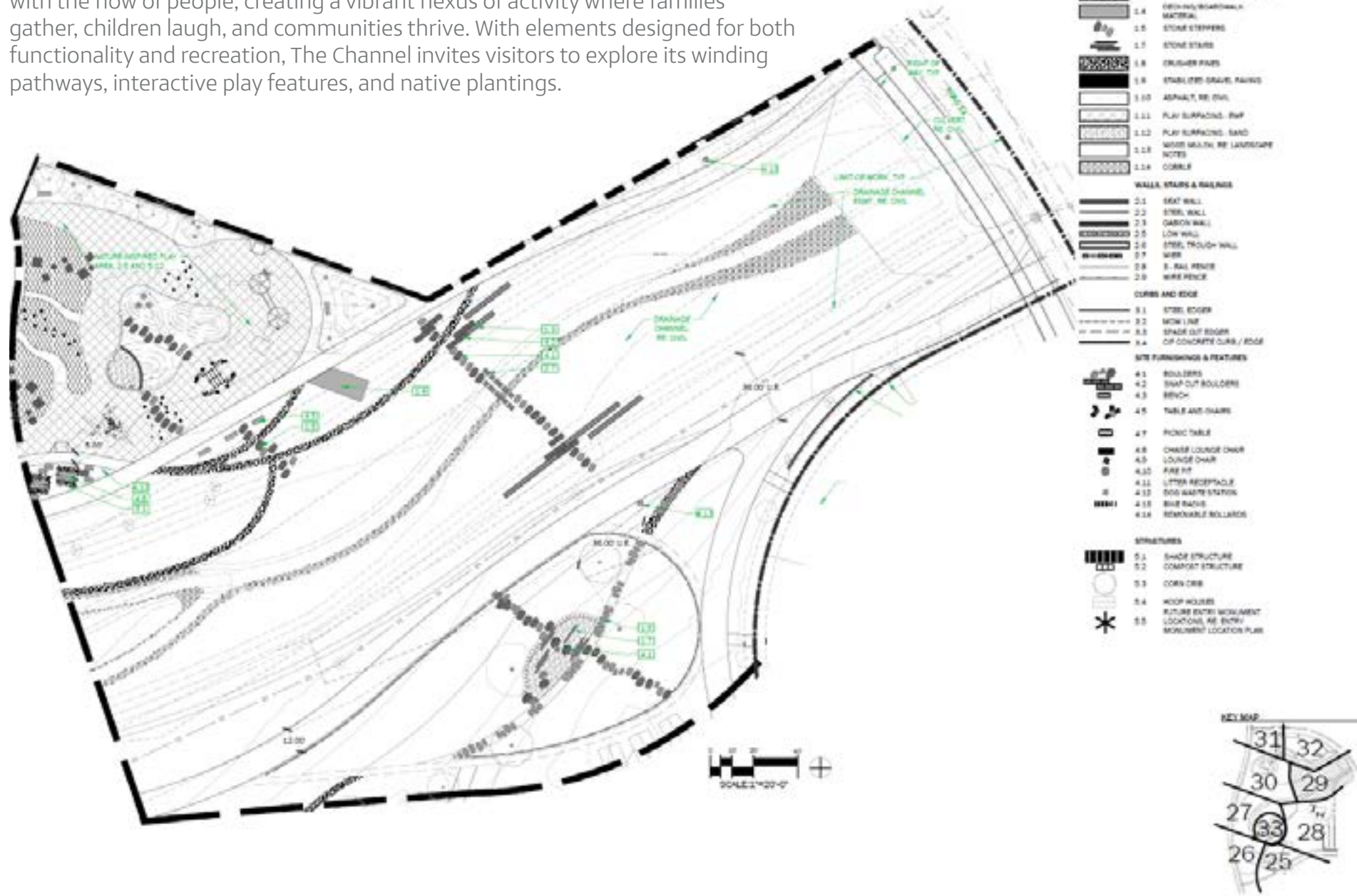
INTERVIEWS WITH LOCAL SPECIALIST - THE ART OF CHEESE



DRONE - SITE INVENTORY AND ANALYSIS

THE CHANNEL

The Channel at 1881 Farm Park breathes new life into a historic irrigation ditch, transforming it into a dynamic modern-day drainage channel. Embracing the ethos of play, circulation, and rewilding, this innovative project reimagines the role of infrastructure in rural and suburban spaces. Here, the flow of water converges with the flow of people, creating a vibrant nexus of activity where families gather, children laugh, and communities thrive. With elements designed for both functionality and recreation, The Channel invites visitors to explore its winding pathways, interactive play features, and native plantings.



Permaculture Linear Food Forest



Pastoral



- + grazing opportunities
- + naturalized stormwater management

Ecological



- + grazing/browsing opportunities
- + increased water table
- + improved soil health
- + increased biodiversity

Hybrid



- + grazing/browsing opportunities
- + increased water table
- + improved soil health
- + increased biodiversity
- + floodable social infrastructure
- + experiential education



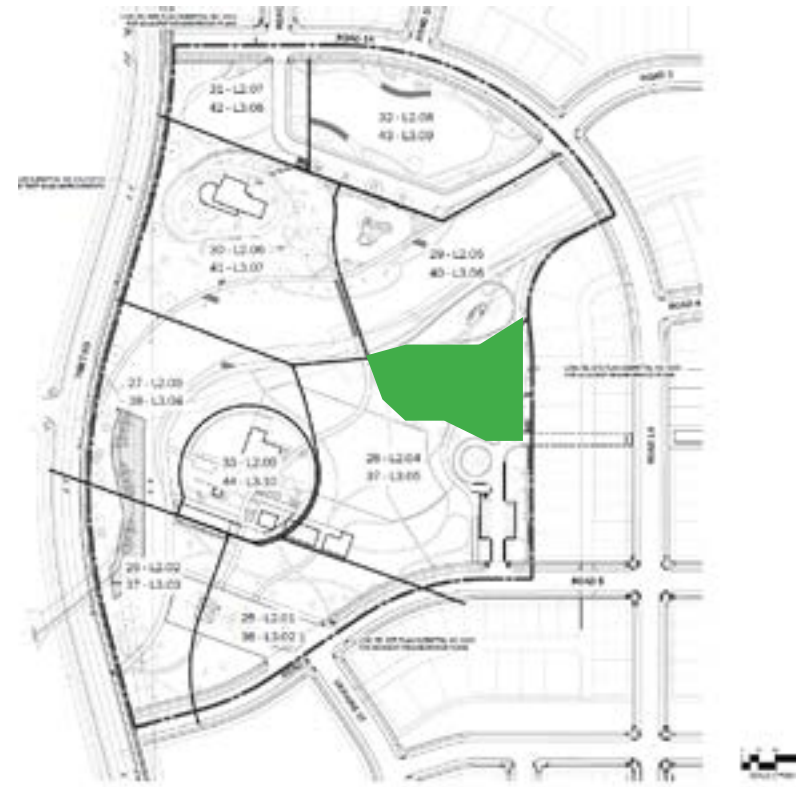
Site visit to Lick Run Greenway for inspiration of channel design. Interest in beautifying green infrastructure to enhance community space and peak interest in natural elements.



In-depth research designing for liminal landscapes. How can we activate floodplains and increase programming during dry and wet conditions?

COMMUNITY GARDEN

At 1881 Farm Park, the community garden flourishes as a vibrant tapestry of shared cultivation and connection. Nestled within its verdant embrace, raised beds beckon community members to nurture their own patches of green, fostering a sense of ownership and pride in their harvests. Amidst the fertile soil, in-ground crops thrive, their vibrant hues painting a picture of abundance and sustainability. Curvilinear paths meander through the garden, guiding visitors past angular social areas where conversations bloom like the flowers themselves. At the heart of it all, the community solar pavilion stands as a beacon of innovation, harnessing the sun's energy to power gatherings and celebrations, uniting neighbors in a shared commitment to environmental stewardship and community resilience.



POPULUS HOTEL GREEN ROOF

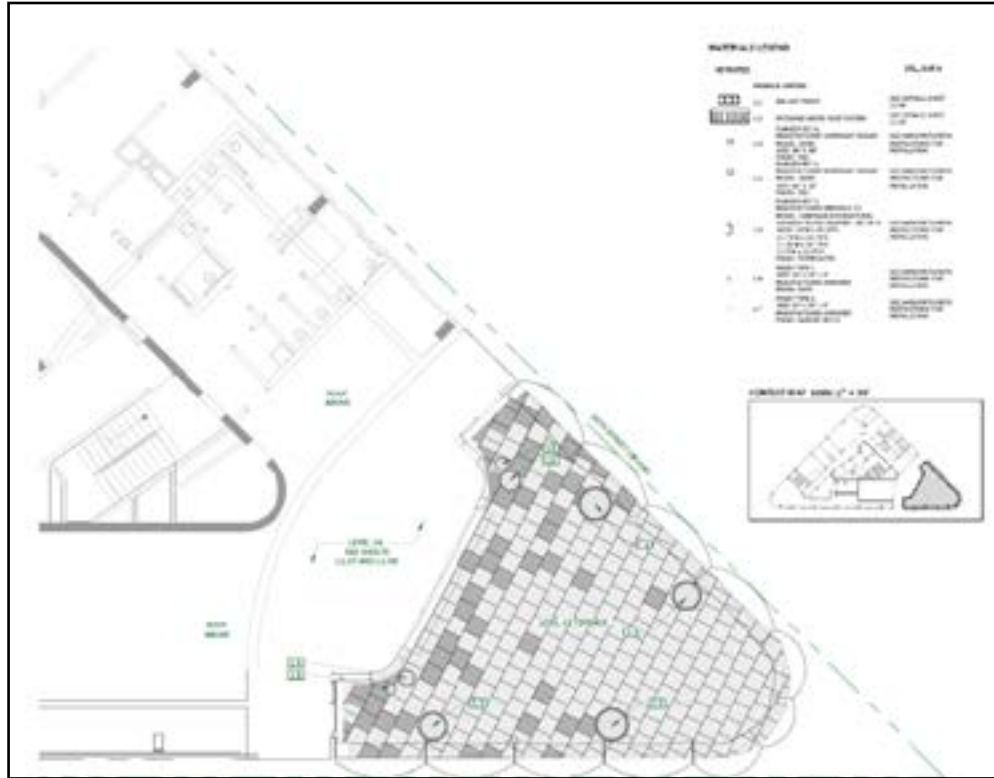
- PAVEMENT CONCEPT
- LAYOUT DOCUMENTATION
- POLLINATOR RESEARCH
- GREEN ROOF RESEARCH
- GRAPHIC DEVELOPMENT

CLIENT: STUDIO GANG, POPULUS HOTEL
 YEAR: 2024

Atop the sleek architecture of the Populus Hotel, the green roof serves as a multifaceted marvel, intertwining functionality and eco-conscious design. Beyond its aesthetic allure, the rooftop harbors a haven for pollinators, fostering vital research initiatives to support local biodiversity. Innovative paving design seamlessly integrates with the greenery, creating a harmonious blend of urban infrastructure and natural elements. Moreover, with cooling features engineered into its lush vegetation, the green roof not only enhances the hotel's sustainability but also provides a refreshing respite from the urban heat, inviting guests to unwind amidst its cooling embrace while contributing to the preservation of the environment.



Plants were selected based on their color pallet and relationship with key regional pollinator species.



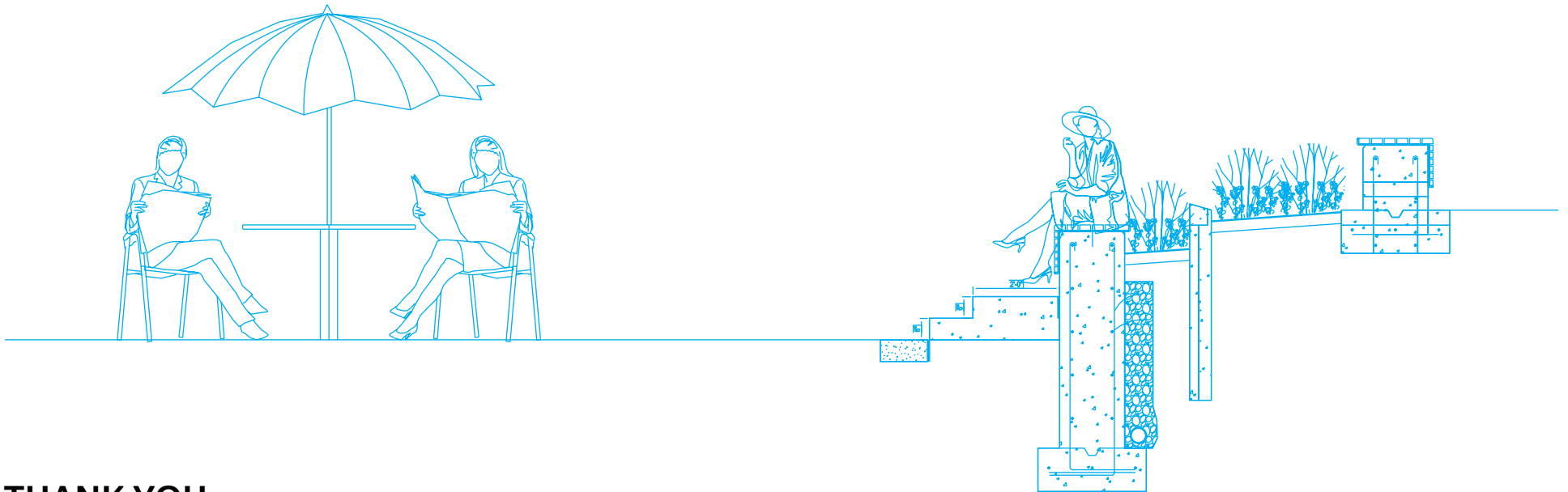
The paving design was inspired by natural migration of plant communities over time via natural process like wind dispersal.



As the first carbon-positive hotel, Populus serves as a new benchmark for environmentally forward design. The green roof is meant to capture a bit of the Aspen forests in the nearby mountains.

“Building real connections requires a shared physical environment
-- a social infrastructure.”

- Eric Klinenberg, *Palaces for the People*



THANK YOU.