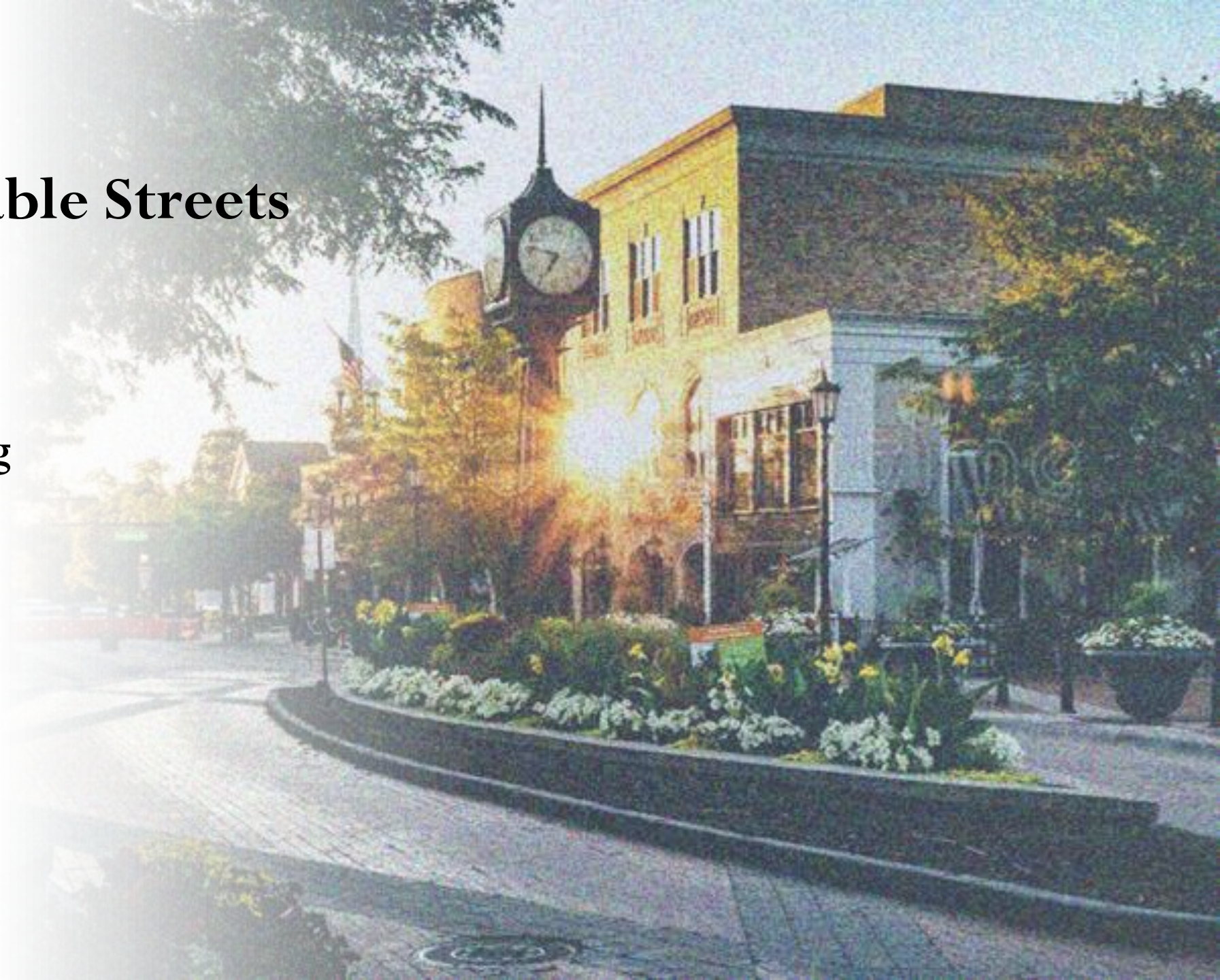


Northville's Livable Streets Pedestrian Plan

Concept Design Meeting

Tuesday, November 29, 2022



**GRISSIM
METZ ASSOCIATES
ANDRIESE**
Landscape Architecture

Agenda

- Work Plan and Schedule
- Connectivity
- Conceptual Design
 - Fundamental Use Diagram
 - Conceptual Site Plan
 - Typical Street Sections
 - Merchant Space
 - Common Space
 - Gateways
 - Lighting
- Operations and Maintenance
- Parking/ Loading Concept Map
- Next Steps and Meetings

Work Plan and Schedule

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
24	25	26	27	28
Background Info., Inventory and Site Analysis				
			Meeting w/Advisory Committee	
31	Nov 1	2	3	4
Background Info., Inventory and Site Analysis				

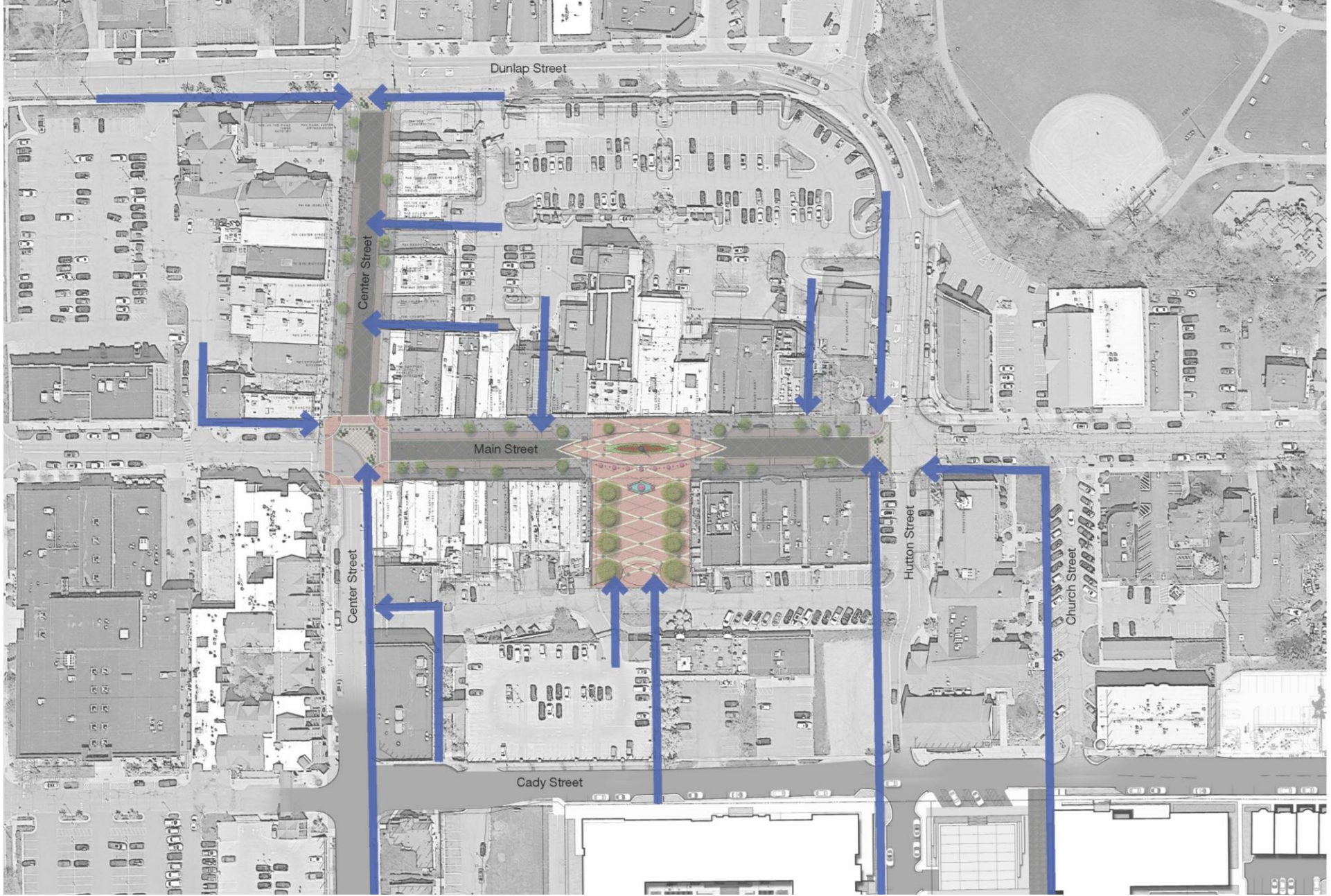
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
31	Nov 1	2	3	4
Background Info., Inventory and Site Analysis				
		Meeting w/Advisory Committee, DDA/City Staff and Traffic Eng.		
7	8	9	10	11
Draft Concepts				
14	15	16	17	18
Draft Concepts				
21	22	23	24	25
Draft Concepts				
28	29	30	Dec 1	2
Draft Concepts				
	Meeting w/Advisory Committee, DDA/City Staff and Traffic Eng.			

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
28	29	30	Dec 1	2
Concept Plan Refinement				
5	6	7	8	9
Concept Plan Refinement				
		Workshop w/all Stakeholders and Community (either Tuesday or Wednesday)		
12	13	14	15	16
Concept Plan Refinement				
			Meeting w/Advisory Committee, DDA/City Staff and Traffic Eng.	
19	20	21	22	23
Ped Plan Presentation				
Meeting w/DDA and City Council	Meeting w/DDA and City Council			

- Background Information and Site Analysis October 24 thru November 4, 2022
- Draft Concepts November 7 thru November 29, 2022
- Workshop(s) December 7, 2022
- Conceptual Plan Refinement December 1 thru December 15, 2022
- Pedestrian Plan Refinement December 19 thru December 20, 2022

November

December



Legend



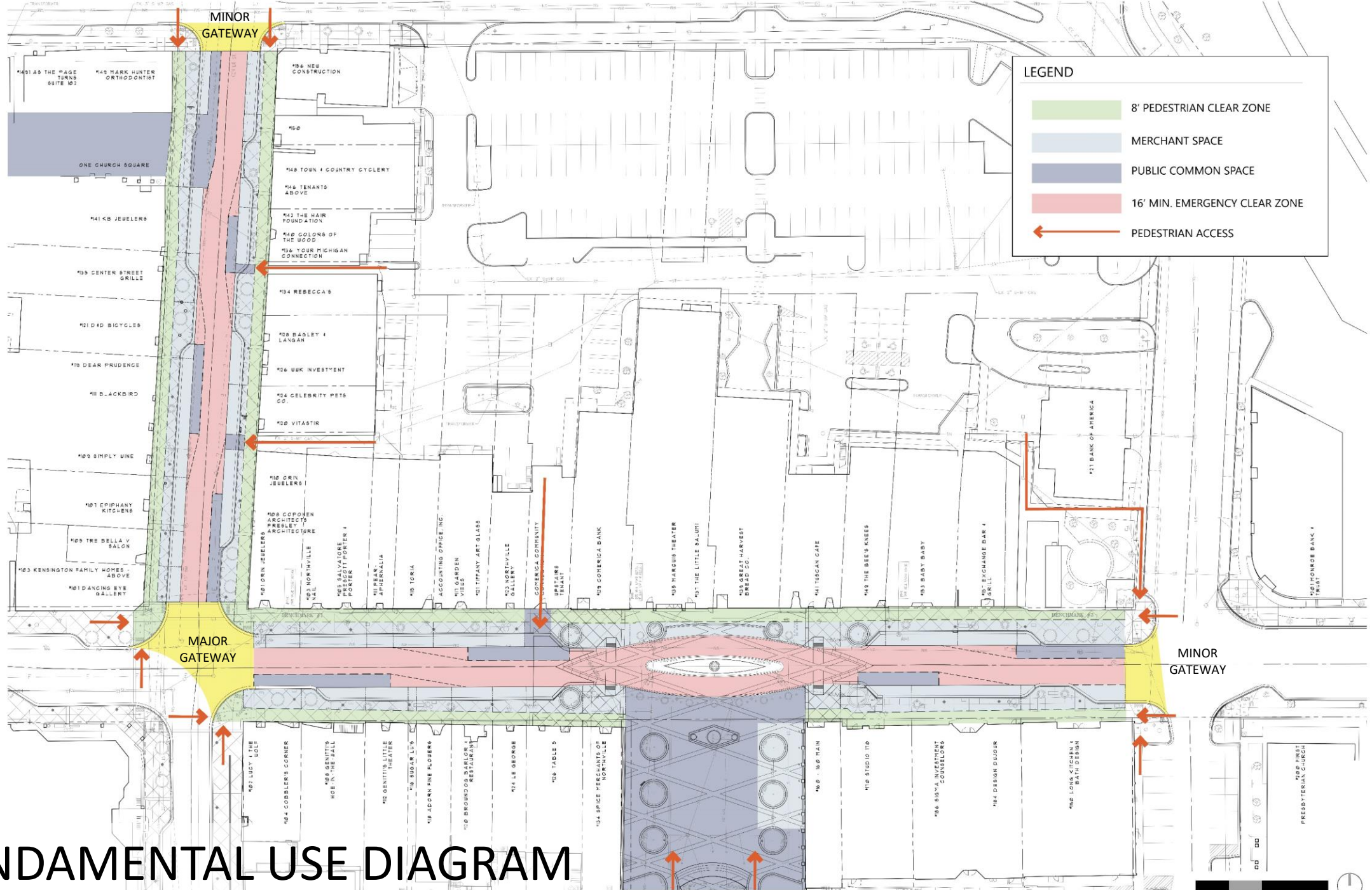
Major Pedestrian Connectivity

CONNECTIVITY DIAGRAM



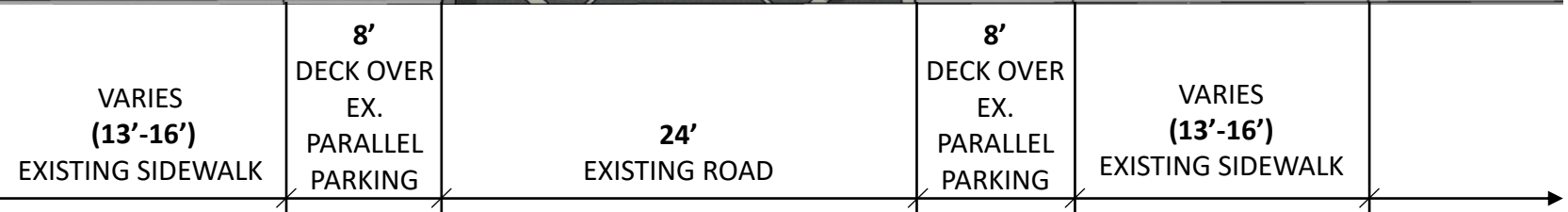
Conceptual Design

FUNDAMENTAL USE DIAGRAM





CONCEPTUAL SITE PLAN



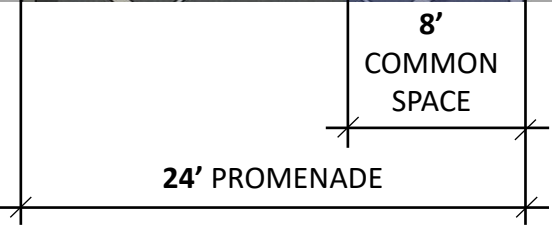
TYPICAL STREET SECTION



16' CLEAR ZONE

24' PROMENADE

TYPICAL STREET SECTION – EMERGENCY CLEAR ZONE



TYPICAL STREET SECTION – PUBLIC COMMON SPACE



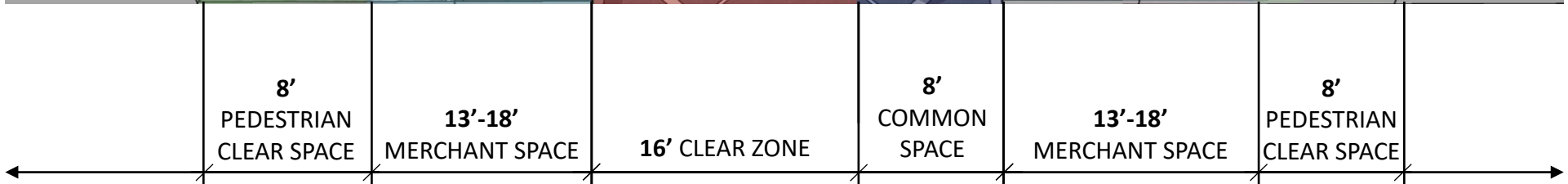
TYPICAL STREET SECTION – MERCHANT SPACE



8'
PEDESTRIAN
CLEAR SPACE

8'
PEDESTRIAN
CLEAR SPACE

TYPICAL STREET SECTION – PEDESTRIAN CLEAR ZONE



TYPICAL STREET SECTION

A street scene featuring a historic clock tower building, trees, and a landscaped area with plants and a sign. The clock tower is a prominent feature, with a large clock face and a spire. The building is multi-story and has a classic architectural style. The street is paved with cobblestones, and there are trees and plants in the foreground. A sign with a shield and an arrow is visible on the right side of the image. The overall atmosphere is that of a well-maintained, historic urban environment.

Merchant Space

UTILITIES HIDDEN UNDER DECK
(STORM DRAINAGE NOT IMPEDED)

FLUSH TRANSITION
WITH EXISTING CURB



CURB RAMP BUILT INTO DECK

DINING STRUCTURES ATTACHED TO
DECK SUB-STRUCTURE BELOW

DECKING SYSTEM

TRANSPARENT TOP TO
MAINTAIN VIEWS OF SIGNAGE



RAILING BETWEEN DINING
AND STREET

OPTIONAL AWNING



METAL FRAMED STRUCTURE

HIP ROOF

STRUCTURES

REMOVABLE PANELS ADDED
TO ENCLOSE DURING WINTER



STRUCTURES (WINTER)

A street scene featuring a clock tower, a brick building, trees, and a landscaped area with flowers and a sign. The clock tower is a prominent feature on the left, with a large clock face. The brick building is a multi-story structure with a flat roof. The trees are lush and green, with some showing autumn colors. The landscaped area in the foreground is filled with white and yellow flowers. A sign with a shield and an arrow is visible on the right. The overall scene is a well-maintained urban environment.

Common Space

FLEXIBLE FURNITURE TO
DELINEATE SPACE

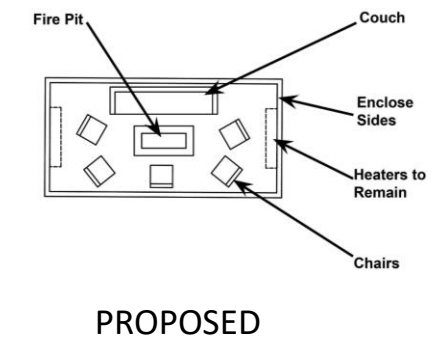
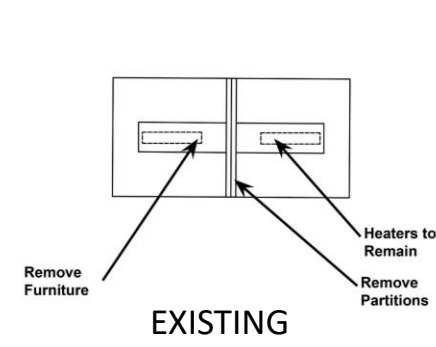
SPACE FOR GAMES

MOVEABLE SEATING

DECORATIVE HEATERS AND LIGHTS



STREET LAYOUT



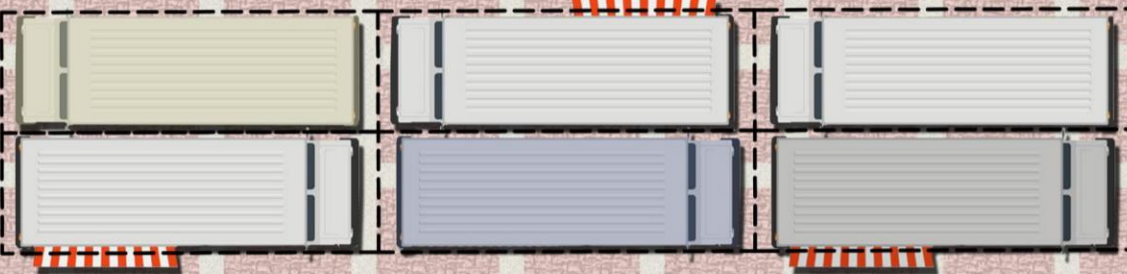
AMENITY AREAS



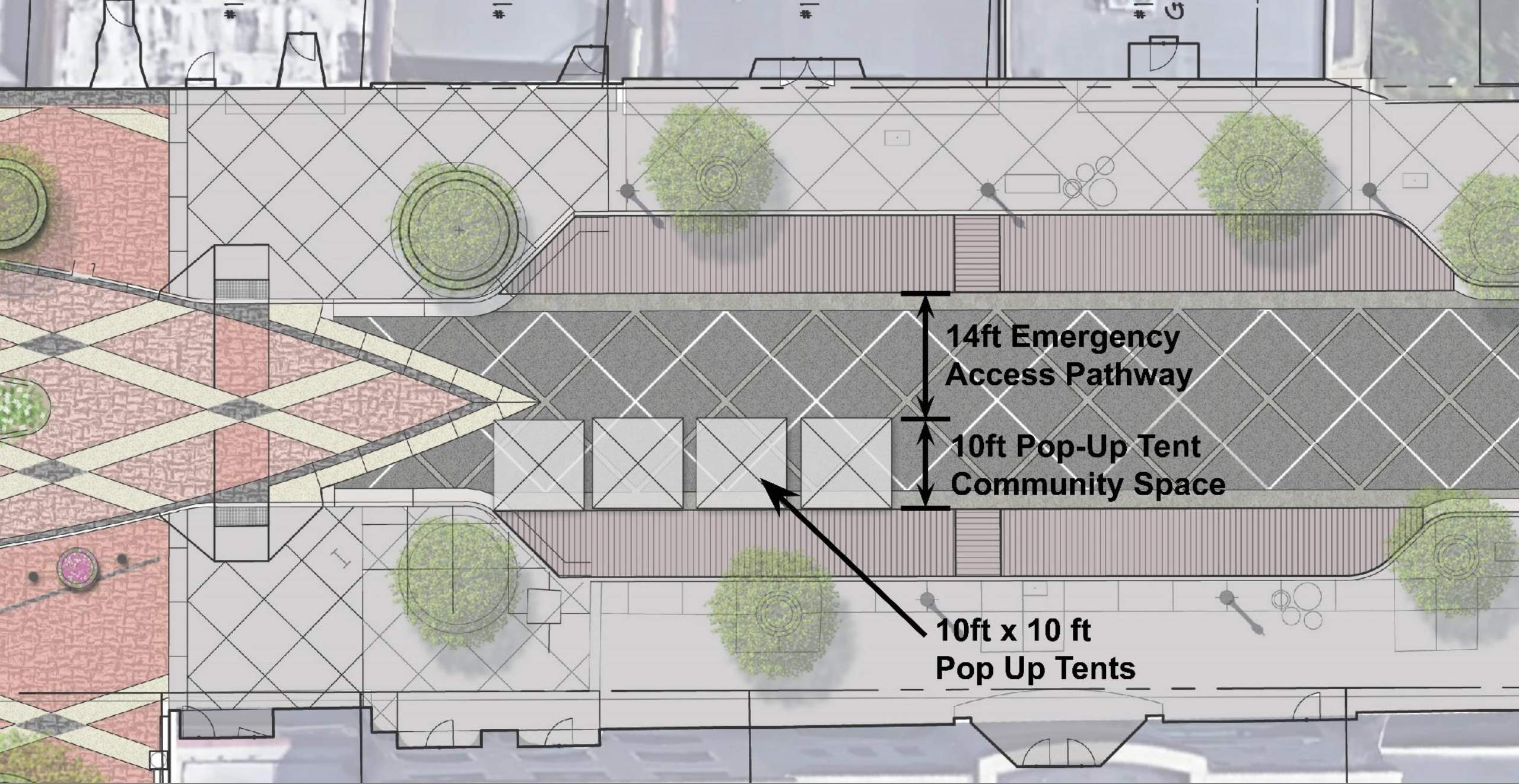
TOWN SQUARE

OLD CHURCH SQUARE

CENTER STREET



FOOD TRUCK PLAZA

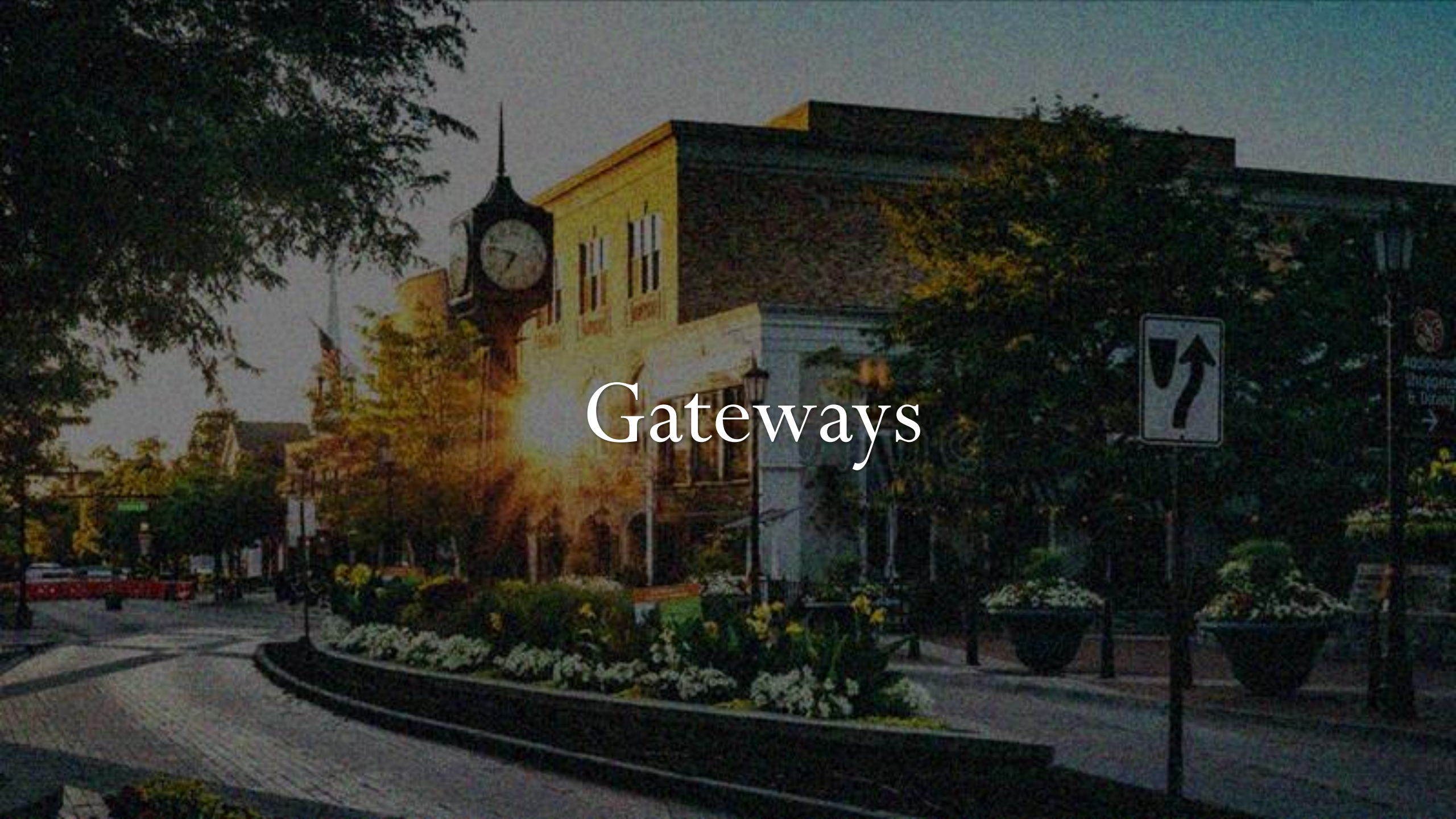


**14ft Emergency
Access Pathway**

**10ft Pop-Up Tent
Community Space**

**10ft x 10 ft
Pop Up Tents**

Gateways





GATEWAYS



GATEWAYS

A street scene at dusk. In the center-left, a tall, ornate clock tower stands in front of a multi-story brick building. The building has a mix of brick and lighter-colored sections. To the right, a large, leafy tree partially obscures the building. In the foreground, a paved sidewalk curves around a planter bed filled with white and yellow flowers. A signpost with a white sign featuring a black arrow pointing up and right is visible. The sky is a deep blue, and the overall lighting is soft and atmospheric.

Lighting



LIGHTING

Operations and Maintenance

CHURCH STREET MARKETPLACE - BURLINGTON, VT

Physical Design

- 4 blocks
- No bicycles, roller skates, skateboards
- Typical streetscape cross-section
 - 9ft pedestrian pathway, adjacent to buildings
 - 12 ft emergency access aisle in center
 - Remainder is 1st floor tenant amenity zone – no overhead structures except building awnings
- The emergency access aisle is programmed during events/festivals with easily movable elements
- Vehicular access restricted by removable bollards (not crash rated)
- Electrical – power towers for municipal access
 - Electricity is not provided for tenants

Operations and Maintenance

- Vehicular access open (remove bollards) Monday through Saturday from 7:30am to 10am for deliveries, maintenance, trash/recycling, etc.
- No staff/volunteer assistance for mobility impaired but mall designed to be wheelchair accessible
- Trash/recycling/street sweeping on daily basis
- Rubber extension on snowplow for pavers

Management

- **Church Street Marketplace Department**
 - Day to Day operations and maintenance
 - Marketing and promotion
 - Capital improvements
- **Church Street Marketplace Commission**
 - 9 members appointed by City Council
 - Sets policies and fees
 - Review budget (we have downloaded Common area fees and Annual operating budget)

Operations and Maintenance

PEARL STREET MALL- BOULDER, CO

Physical Design

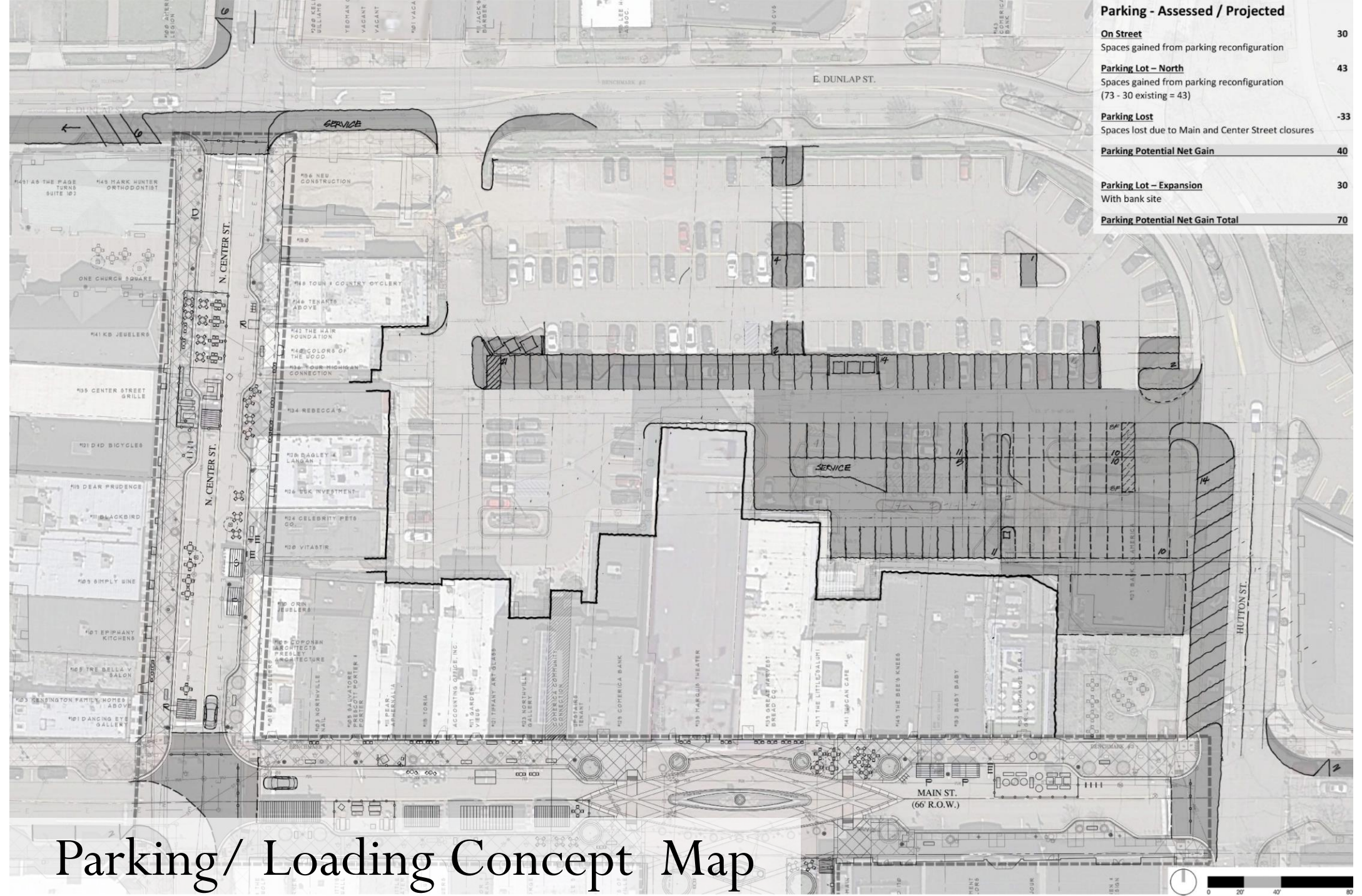
- 4 blocks
- No bicycles, roller skates, or skateboards
- Café seating – no permit needed
 - Removed and stored nightly
 - Keep 6ft pedestrian sidewalk
- Permits for:
 - Many uses including mobile vending
- Outdoor Dining 5-year pilot program
 - Allows for outdoor dining post covid emergency order
 - Typical streetscape cross-section
 - 6ft pedestrian pathway,
 - 22 ft emergency access aisle in center (11ft each side)
 - Remainder is amenity zone – no overhead structures except sun shades
 - Lightweight furniture to be removed nightly
 - Electrical – permit required
 - Use of public outlets prohibited
 - Gas heaters
 - No heaters or propane tanks in tents/canopies
 - No electric, solid fuel heaters/burning devices; no open flames (fire pits)

Operations and Maintenance

- Have illustration on who is responsible for what maintenance
- Snow removal
 - Operator to provide all snow removal – no additional City snow removal

Management

- **Downtown Boulder Partnership** – promotes civic, economic, and commercial vitality of downtown (Board of Directors)
- **Downtown Boulder Business Improvement District (BID)** with Board of Directors- 49 block taxing district to support downtown (Board of Directors)
 - marketing and communications
 - tenant recruitment
 - operations and maintenance
- **Downtown Boulder Community Initiatives** (Board of Directors) – non-profit with mission to engage visitors and locals with arts, culture, innovation, community driven experiences in downtown
- **Downtown Ambassador Program** – ambassadors that help visitors
 - give directions, escort to vehicles for safety, patrol the district, address unfavorable activities, assist in social services needs
 - during specific hours throughout the week
- **Community Advisory Board**- cohort of community members who advise and collaborate on programs and policies



Parking - Assessed / Projected	
On Street	30
Spaces gained from parking reconfiguration	
Parking Lot - North	43
Spaces gained from parking reconfiguration (73 - 30 existing = 43)	
Parking Lost	-33
Spaces lost due to Main and Center Street closures	
Parking Potential Net Gain	40
Parking Lot - Expansion	30
With bank site	
Parking Potential Net Gain Total	70

Parking / Loading Concept Map

(In Progress)

A street scene featuring a historic clock tower and a brick building. The text "Next Steps and Meetings" is overlaid in the center. The scene includes trees, a sidewalk, and a street sign with a shield and an upward arrow.

Next Steps and Meetings