



CITY OF SOMERVILLE, MASSACHUSETTS
OFFICE OF SUSTAINABILITY & ENVIRONMENT
MAYOR KATJANA BALLANTYNE

CHRISTINE BLAIS
Director

Date: September 18, 2025
To: Somerville City Council
From: Christine Blais, Director
CC: Josh Eckert-Lee, Sustainability Planner
RE: Acceptance of On-Street Electric Vehicle Charging Stations and Installation Services

The Massachusetts Clean Energy Center (MassCEC) On-Street Charging Solutions Program has selected Somerville to receive no-cost on-street electric vehicle supply equipment (EVSE) installation and services. The goal of the program is to install new electric vehicle chargers along public streets.

The locations of the stations were selected after on-site reviews, staff reviews, and community outreach to neighbors and local stakeholders, based on cumulative rankings for favorability due to alignment with the metrics in the city's EV Siting Strategy, ease of electrical installation, and maximizing the value of program within its \$500,000 limit. Installation costs were evaluated by a cross-departmental team along with MassCEC's procured contracting team of Commonwealth Electrical Technologies and Leidos. The six locations are as follows:

1. Newbury Street at Teele Square
2. Munroe Street at Prospect Hill Park
3. Josephine Ave at Ball Square
4. Evergreen Ave at Winter Hill School
5. Hudson Street at Labyrinth
6. Stone Ave at Union Square

Somerville currently manages 12 municipal-owned, publicly accessible chargers. Each station uses a dual-port charger, which provides charging for 24 vehicles at 24 parking spots throughout the community. Each new site will receive one dual-port Level II EV Charging Station, adding 12 new EV charging ports across Somerville.

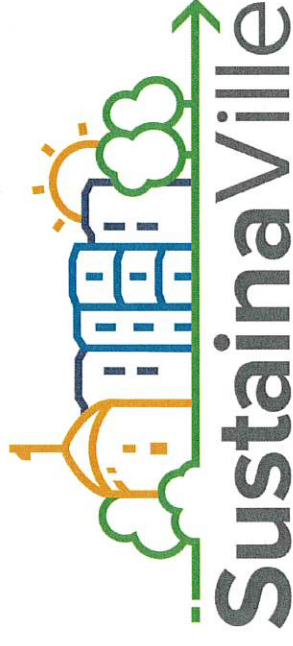
Acceptance of the services will amount to increasing the current number of municipal-owned, and publicly accessible charging ports by 50%, a significant improvement and a step towards our climate-forward future. Climate Forward, Somerville's community climate action plan, sets ambitious electric vehicle (EV) targets of electrifying 40% of registered vehicles by 2030, 90% by 2040, and 100% by 2050.

City of Somerville

Proposed On-Street EV Station Locations

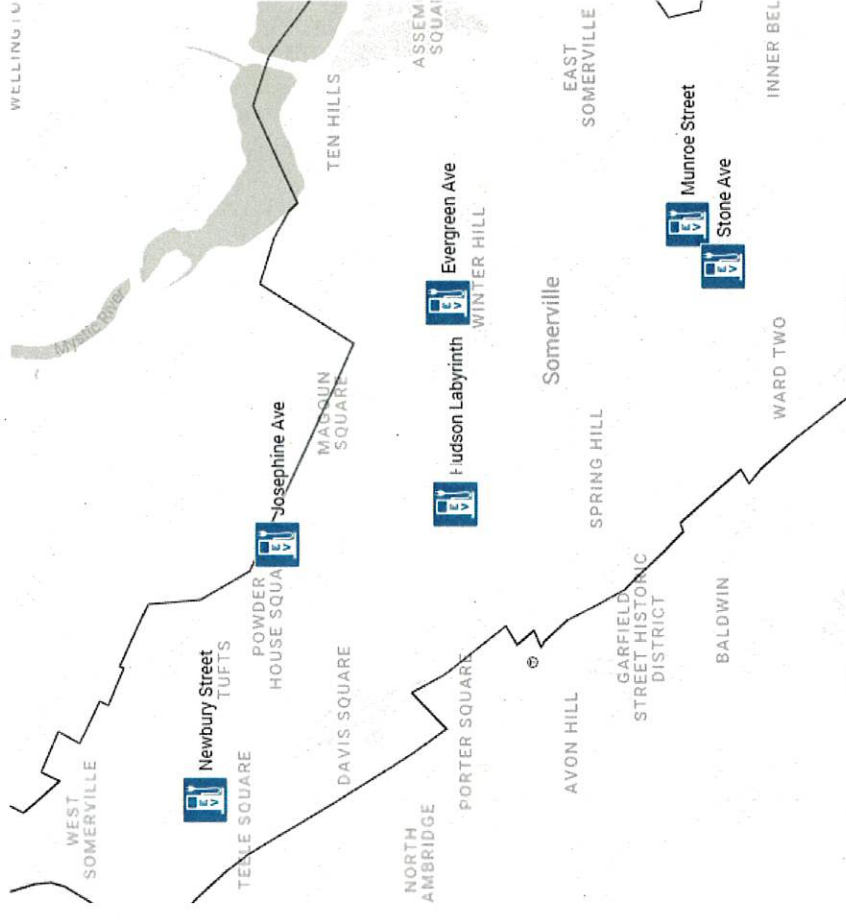


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Parking Impact Overview

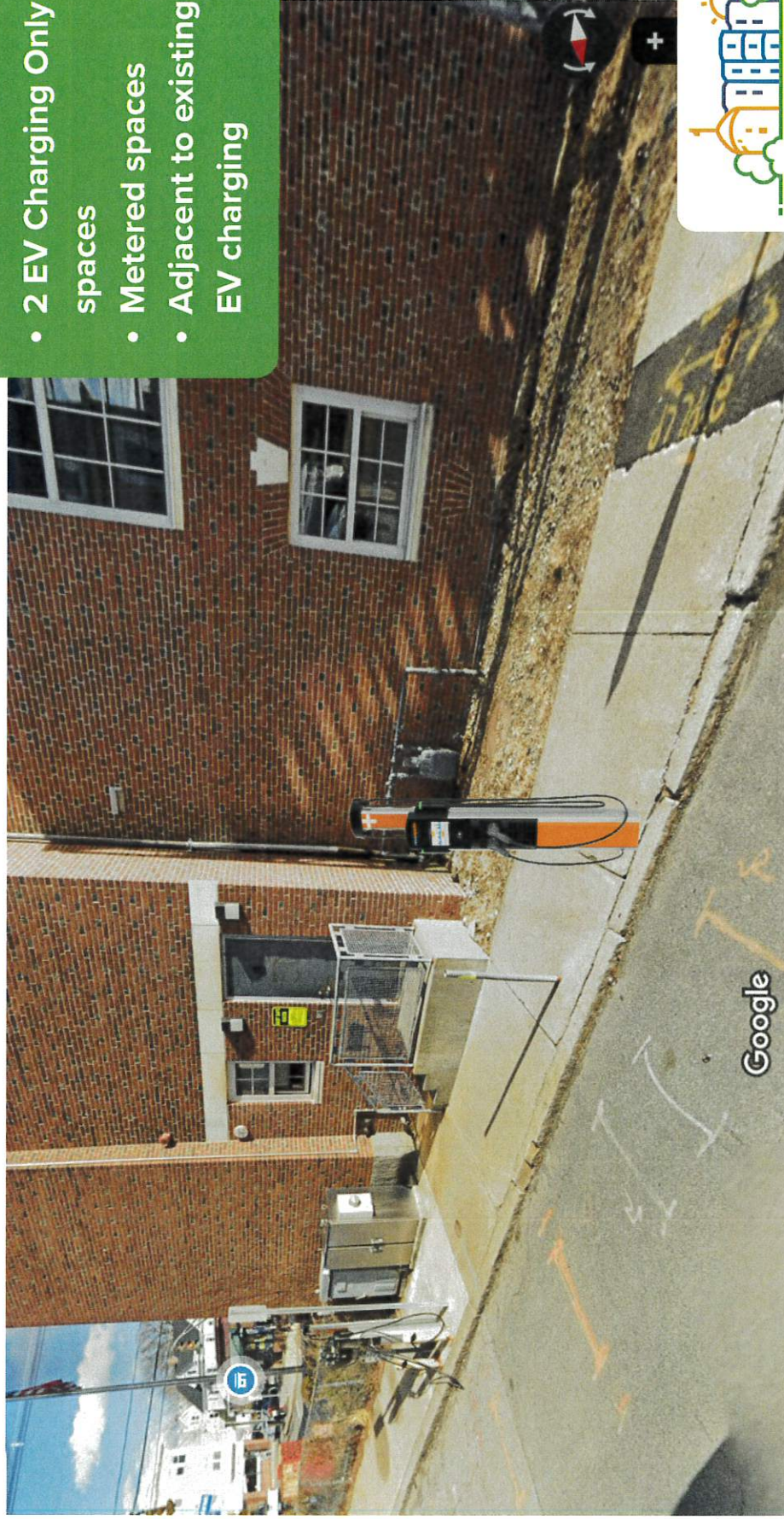
- 6 New EV Charging Stations
- 12 EV Charging Only Spaces
 - 6 Metered Spaces
 - 6 Permitted Spaces
- Expansion of EV Charging Parking at
Evergreen Ave and Teele Square
- Shift Accessible Parking spaces at
Josephine Ave to opposite street side



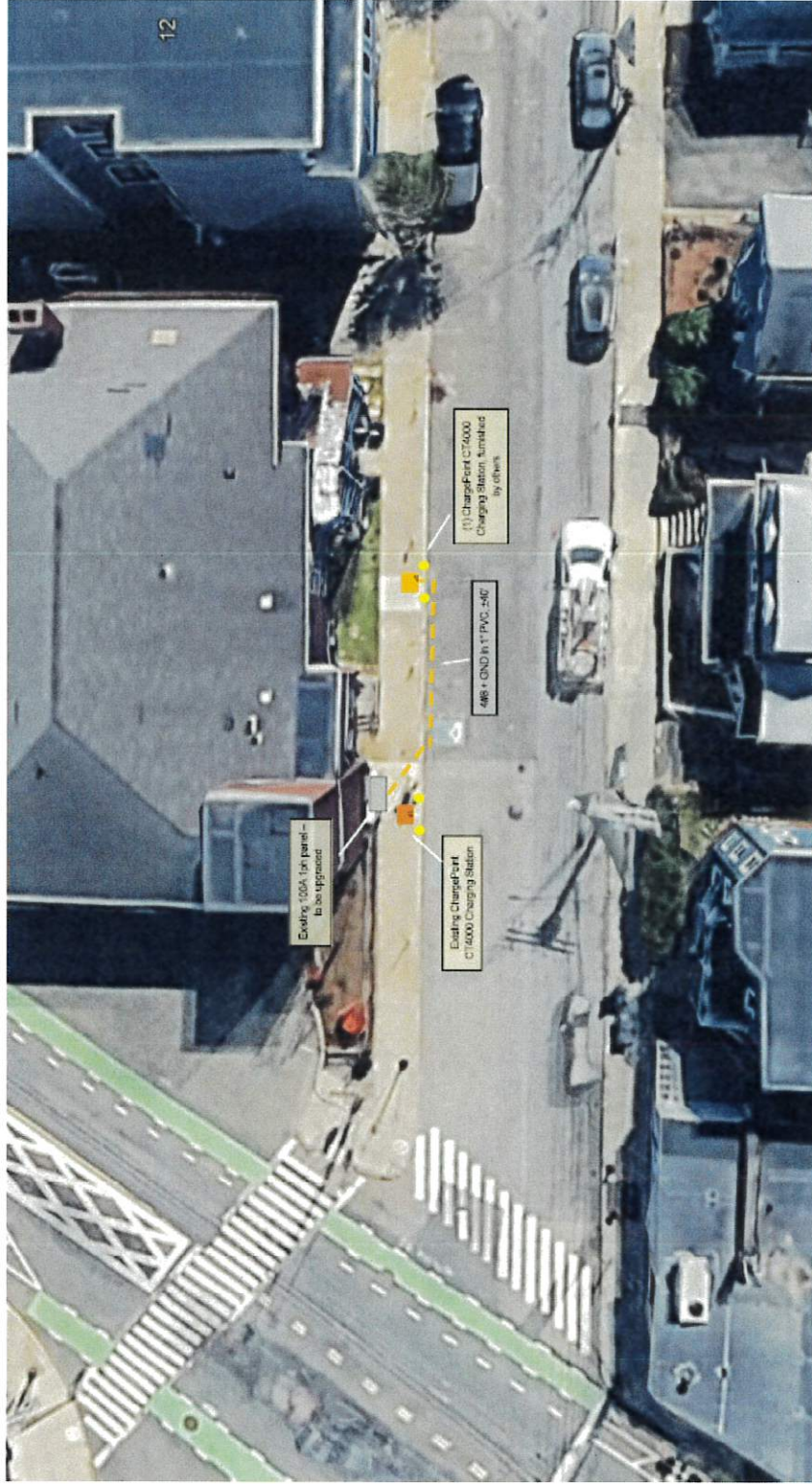
<https://voice.somervillema.gov/on-street-ev-charging>

Teele Square (6 Newbury St)

- 2 EV Charging Only spaces
- Metered spaces
- Adjacent to existing EV charging



City of Somerville - Teele Square
Newbury St, Somerville, MA 02144
MassCEC On-Street EV Charging Solutions



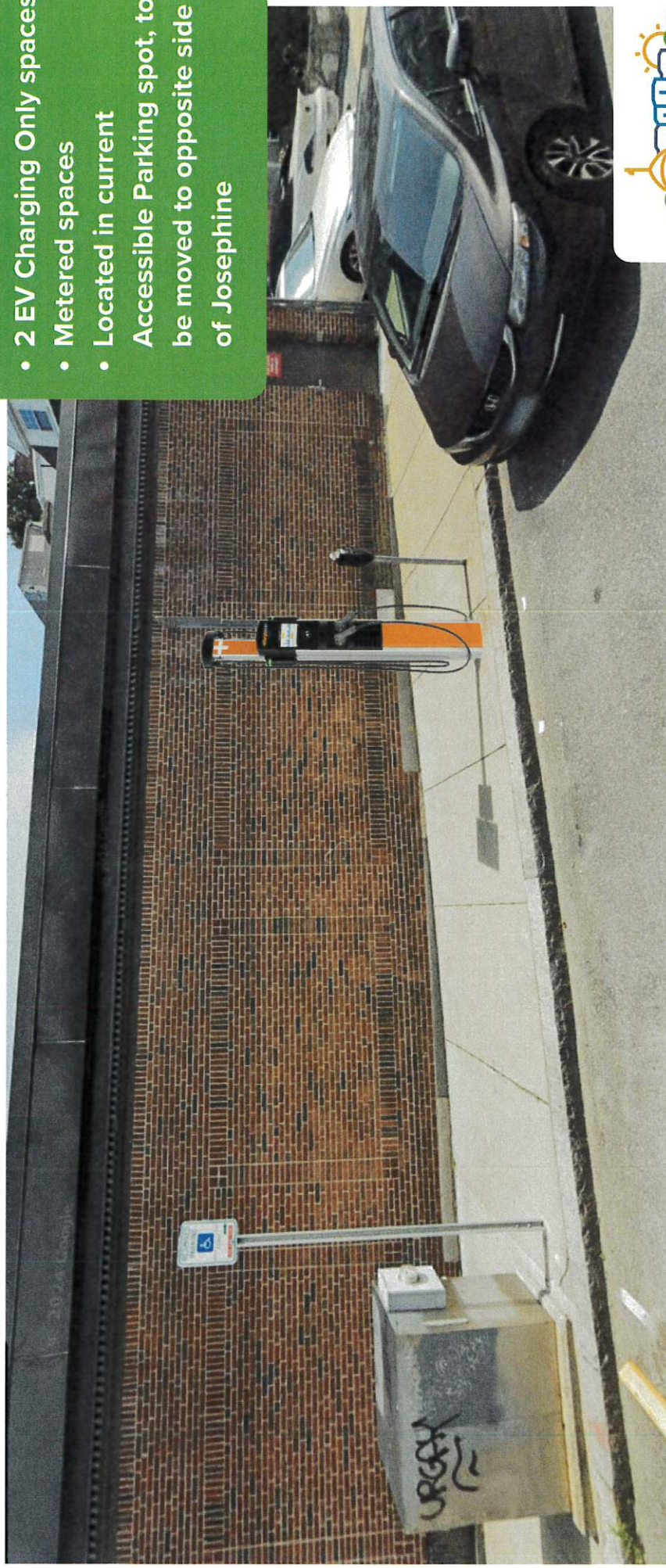
CLIENT		City of Somerville - Teele Square			
TITLE		Proposed Equipment Layout			
		Drawn By:	SRC	Drawn	2
		Date:	8/7/25	Scale:	NTS
				REV:	0

Notes: Upgrade 100A panel to 200A, new feeder to (1) dual-port CT4000 EVSE, customer to furnish.

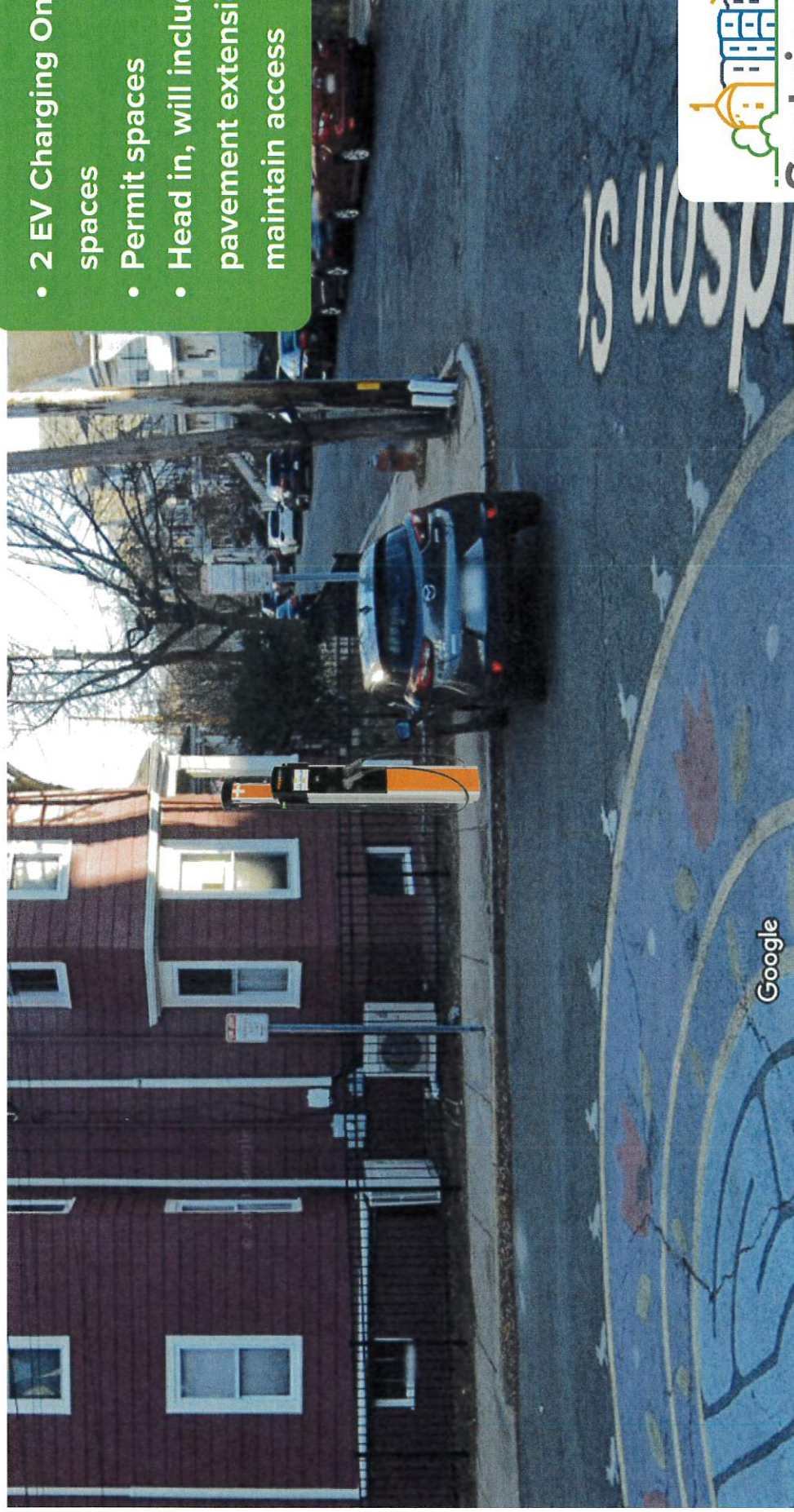
Under Ground Conduit		Hand Hole		Hand Hole Box (see detail)	
L2 Charger 1 Port		Distribution Cabinet		Dist Panel	
L2 Charger 2Port		Dist Panel		Transformer	
L3 Charger 1 Port					
L3 charger 2 Port					

Ball Square (131 Josephine Ave)

- 2 EV Charging Only spaces
- Metered spaces
- Located in current Accessible Parking spot, to be moved to opposite side of Josephine

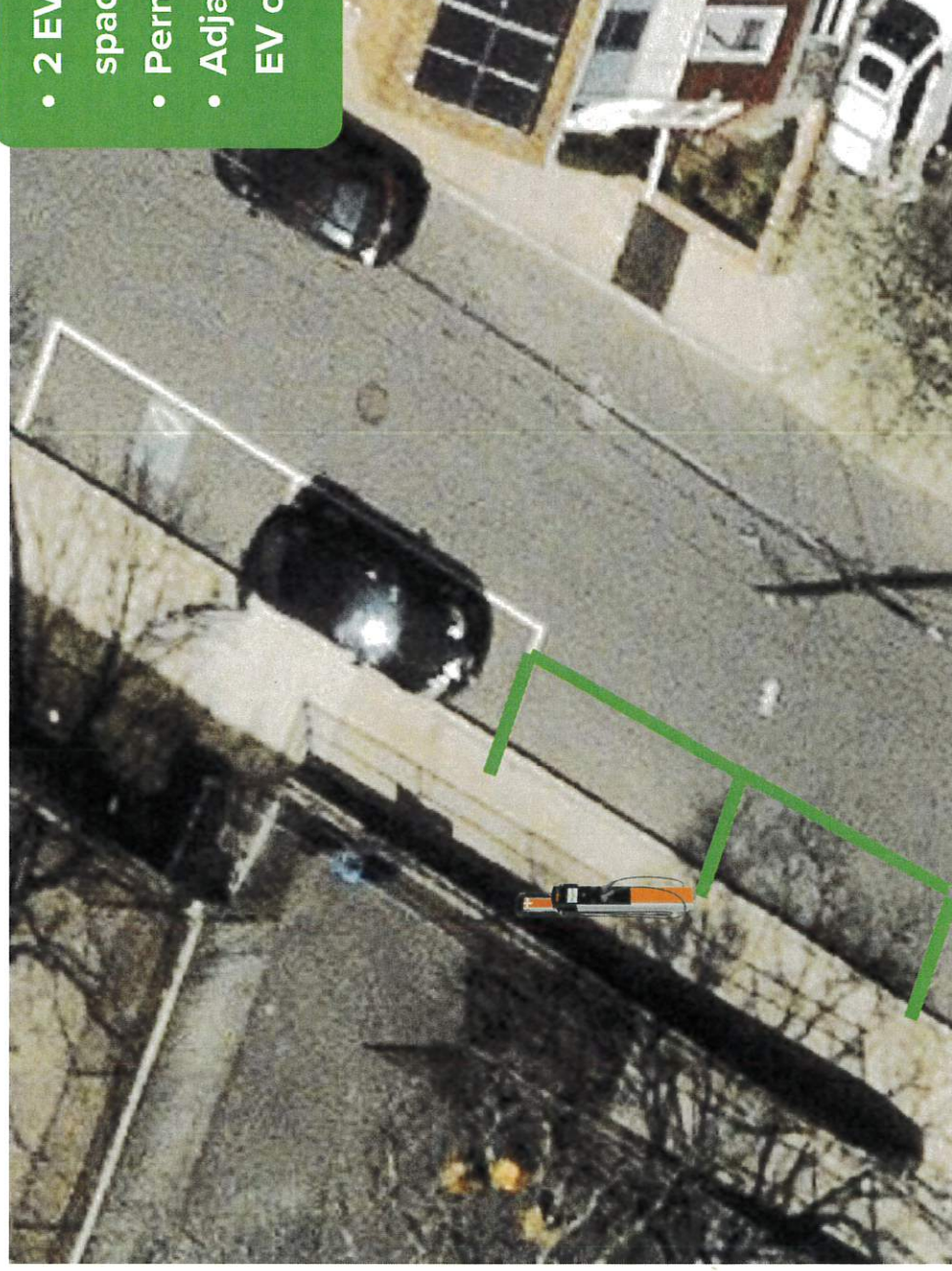


Hudson Labyrinth (139 Hudson St)

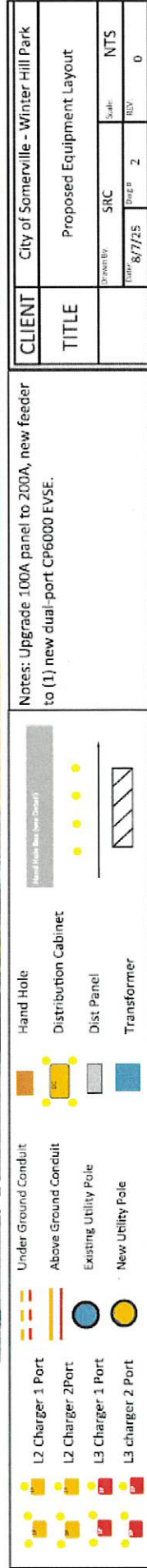


- 2 EV Charging Only spaces
- Permit spaces
- Head in, will include pavement extension to maintain access

Evergreen Ave (63 Evergreen Ave)



- 2 EV Charging Only spaces
- Permit spaces
- Adjacent to existing EV charging

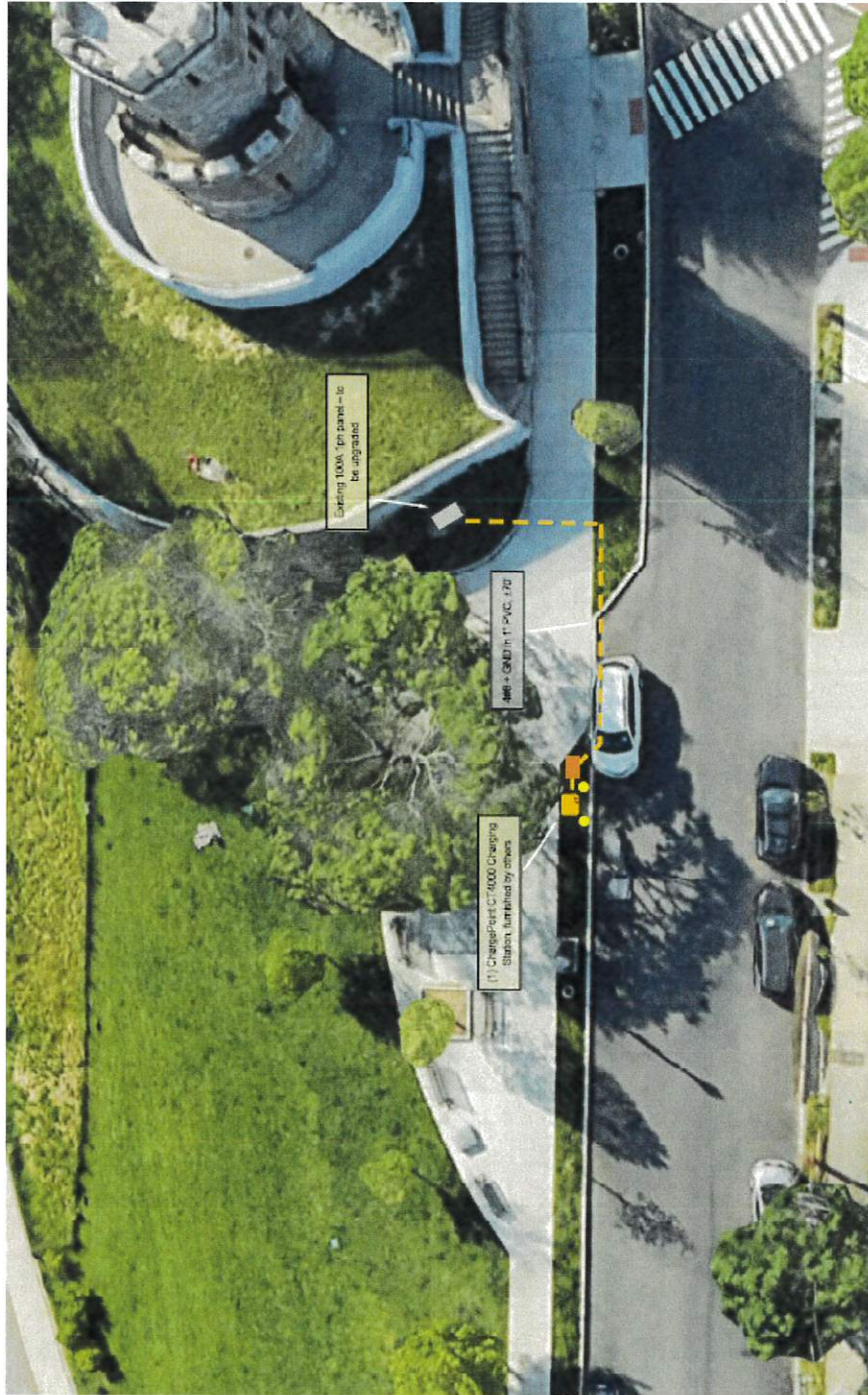


CLIENT	City of Somerville - Winter Hill Park			
TITLE	Proposed Equipment Layout			
Drawn By	SRC	Scale	NTS	
Date	8/7/25	Sheet	2	Revs 0

Prospect Hill Park (Across from 51 Munroe St)

- 2 EV Charging Only spaces
- 3-Hour Limit





CLIENT	City of Somerville - Prospect Hill Park
TITLE	Proposed Equipment Layout
Drawn By	SRC
Date	8/7/25
Drawn #	2
REV	NTS
	0

Notes: Upgrade 100A panel to 200A, new feeder to (1) dual-port C74000 EVSE, customer to furnish.

Hand Hole (Red Line Only)

Under Ground Conduit

Above Ground Conduit

Existing Utility Pole

New Utility Pole

L2 Charger 1 Port

L2 Charger 2Port

L3 Charger 1 Port

L3 charger 2 Port

Hand Hole

Distribution Cabinet

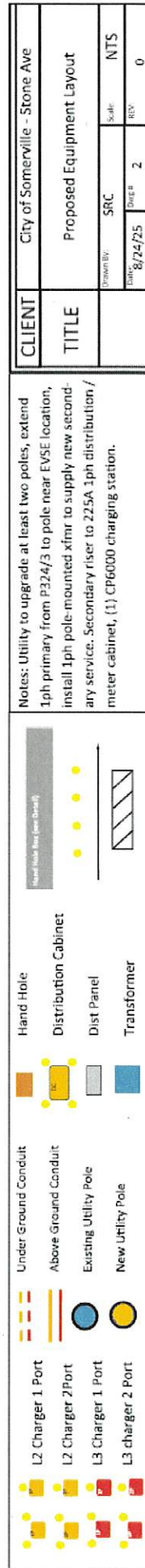
Dist Panel

Transformer

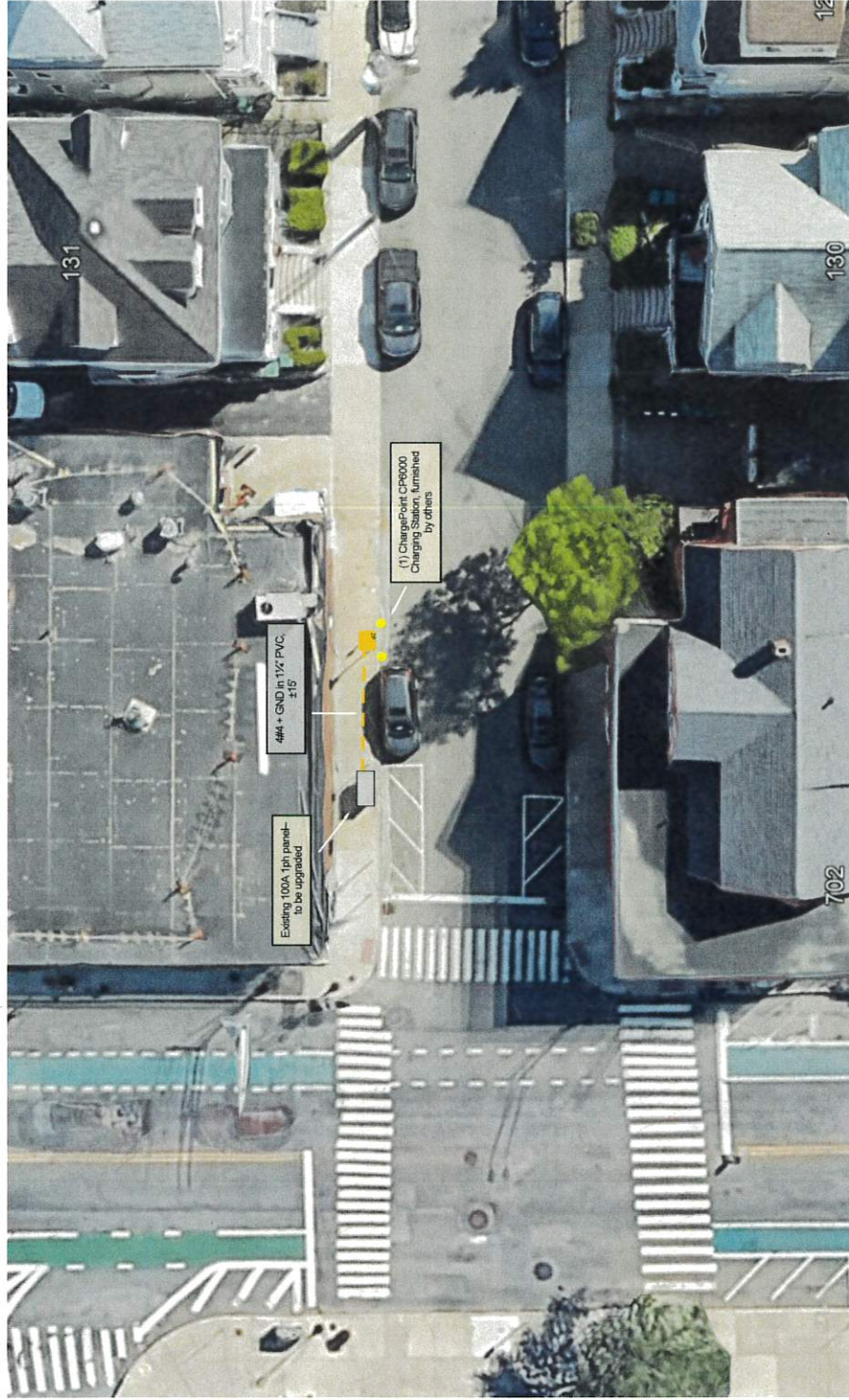
Stone Ave (11 Stone Ave)



- 2 EV Charging Only spaces
- Metered spaces
- New connections via utility poles



City of Somerville - Ball Square
Josephine Ave, Somerville, MA 02144
MassCEC On-Street EV Charging Solutions

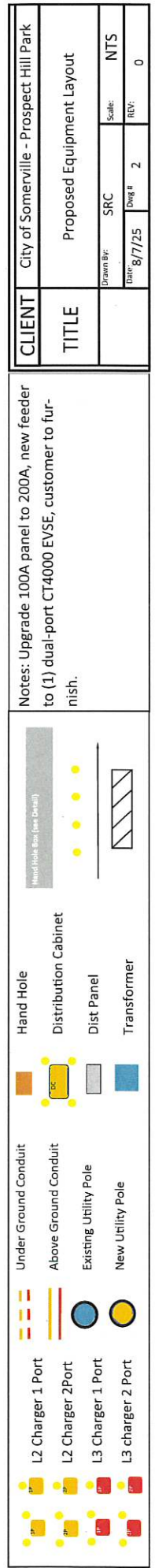


CLIENT		City of Somerville - Ball Square	
TITLE		Proposed Equipment Layout	
		Drawn By: SRC	Scale: NTS
		Date: 8/7/25	REV: 0

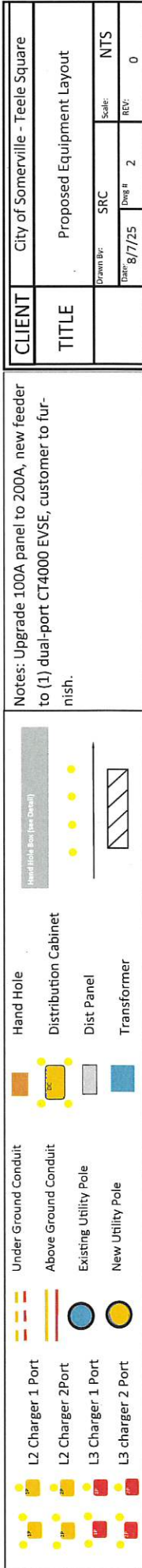
Notes: Upgrade 100A panel to 200A, new feeder to (1) dual-port CP6000 EVSE, customer to furnish.	
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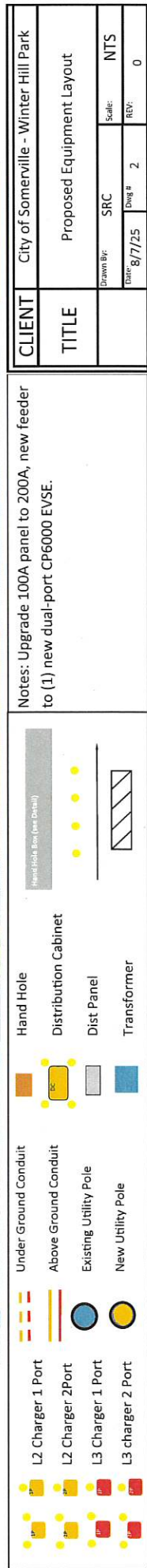
L2 Charger 1 Port L2 Charger 2Port L3 Charger 1 Port L3 charger 2 Port	Under Ground Conduit Above Ground Conduit Existing Utility Pole New Utility Pole	Hand Hole Distribution Cabinet Dist Panel Transformer	Hand 1/2" x 8" (see Detail)
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COMMONWEALTH
ELECTRICAL TECHNOLOGIES



CLIENT	City of Somerville - Prospect Hill Park			
TITLE	Proposed Equipment Layout			
	Drawn By:	SRC	Scale:	NTS
	Date:	8/17/25	Dwg #	2
			REV:	0





CLIENT	City of Somerville - Winter Hill Park		
TITLE	Proposed Equipment Layout		
	Drawn By:	SRC	Scale: NTS
	Date:	8/7/25	2 REV: 0



CLIENT		City of Somerville - Hudson Street	
TITLE		Proposed Equipment Layout	
		Drawn By: SRC	Scale: NTS
		Date: 8/11/25	Rev: 0

Notes: New secondary service from existing pole-mounted transformer on Pole #19. Secondary riser to 150A distribution / meter cabinet, (1) CP6000 charging station.

City of Somerville - Stone Ave
Stone Ave, Somerville, MA 02143
MassCEC On-Street EV Charging Solutions



CLIENT		City of Somerville - Stone Ave			
TITLE		Proposed Equipment Layout			
		Drawn By:	SRC	Dwg #	2
		Date:	8/24/25	Scale:	NTS
				REV:	0

Notes: Utility to upgrade at least two poles, extend 1ph primary from P324/3 to pole near EVSE location, install 1ph pole-mounted xfmr to supply new secondary service. Secondary riser to 225A 1ph distribution / meter cabinet, (1) CP6000 charging station.

 L2 Charger 1 Port  L2 Charger 2Port  L3 Charger 1 Port  L3 charger 2 Port	 Under Ground Conduit  Above Ground Conduit  Existing Utility Pole  New Utility Pole	 Hand Hole  Distribution Cabinet  Dist Panel  Transformer	 Hand Hole Box (see Detail)
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