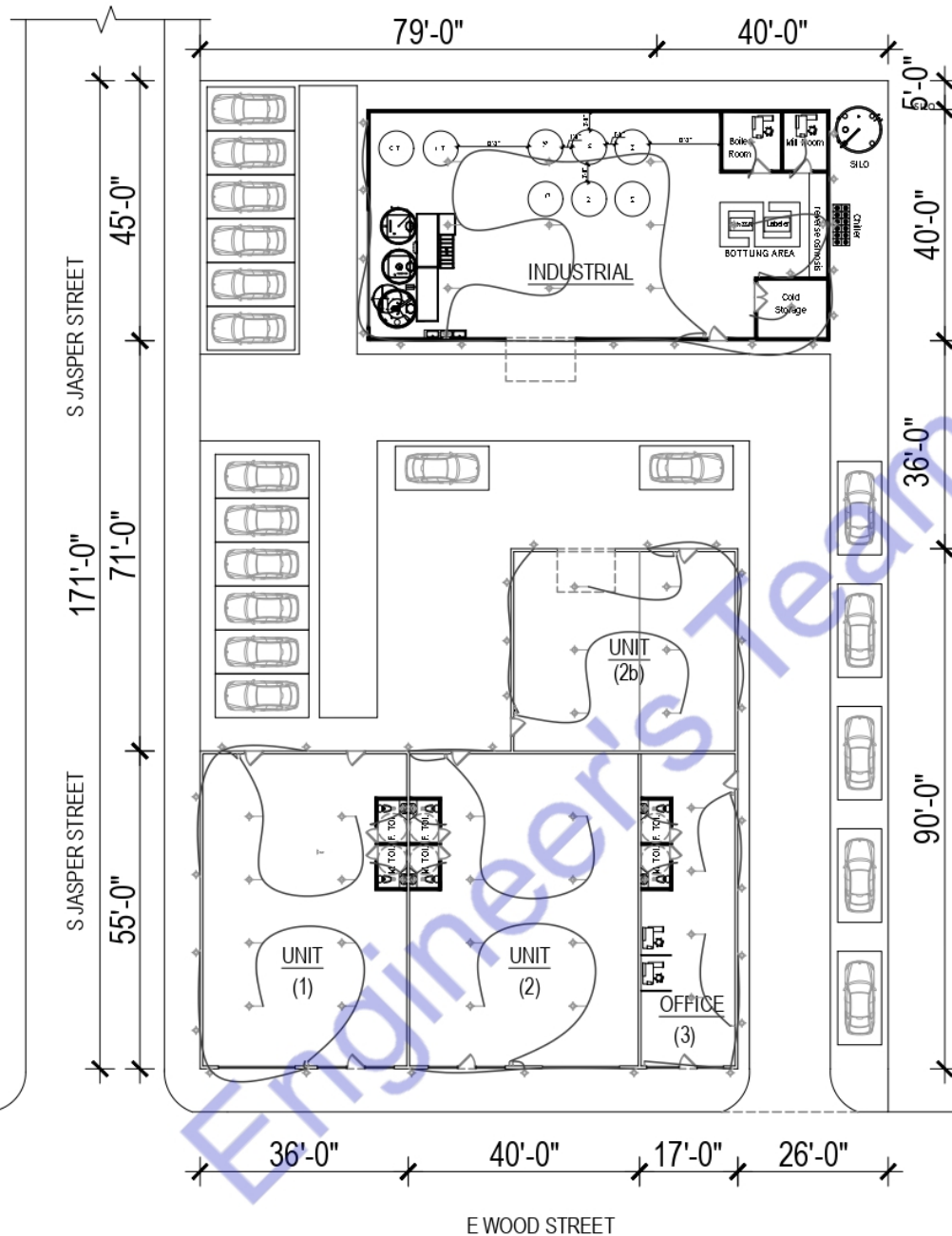




ELECTRICAL LEGEND	
	20W CEILING MOUNT LED LIGHT
	150W LED HIGH BAY LIGHT
	SMOKE DETECTOR
	40W LED TUBE LIGHT 4 FEET
	40W LED LIGHT 4'X4'
	ONE WAY SWITCH 220V
	MULTI SOCKET OUTLET 220V
	10W WALL MOUNTED LED LIGHT
	60W CEILING FAN 220V
	SUB DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	40W BATHROOM EXHAUST FAN
	EXIT LIGHT
	EMERGENCY LIGHT
	EXIT + EMERGENCY LIGHT

Note:

This electrical plan has been prepared following all applicable codes and regulations for Colorado Springs, Colorado, ensuring alignment with the latest standards. Specifically, it adheres to the 2023 National Electrical Code (NEC) as mandated by the Pikes Peak Regional Building Department (PPRBD), which governs electrical installations in the region. Key sections include:

1. NEC Article 210 - Receptacle placement, including specific guidelines for kitchen countertops, islands, and work surfaces.
2. NEC Article 225 & 230 - Requirements for emergency disconnects in residential units.
3. NEC Article 240 - Placement of overcurrent protection devices, avoiding installation in restricted areas such as bathrooms.
4. NEC Article 406 - Specifications for tamper-resistant receptacles in specified locations to enhance safety.

Additionally, surge protection and earth movement allowances have been incorporated as per local amendments, ensuring the system's resilience against environmental factors in Colorado Springs.

This compliance guarantees that the design meets both national and local requirements for safety, functionality, and durability in electrical installations.



ENGINEER'S TEAM

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HOLLAND MI 49423

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OWNER:

Colorado Springs,
Colorado

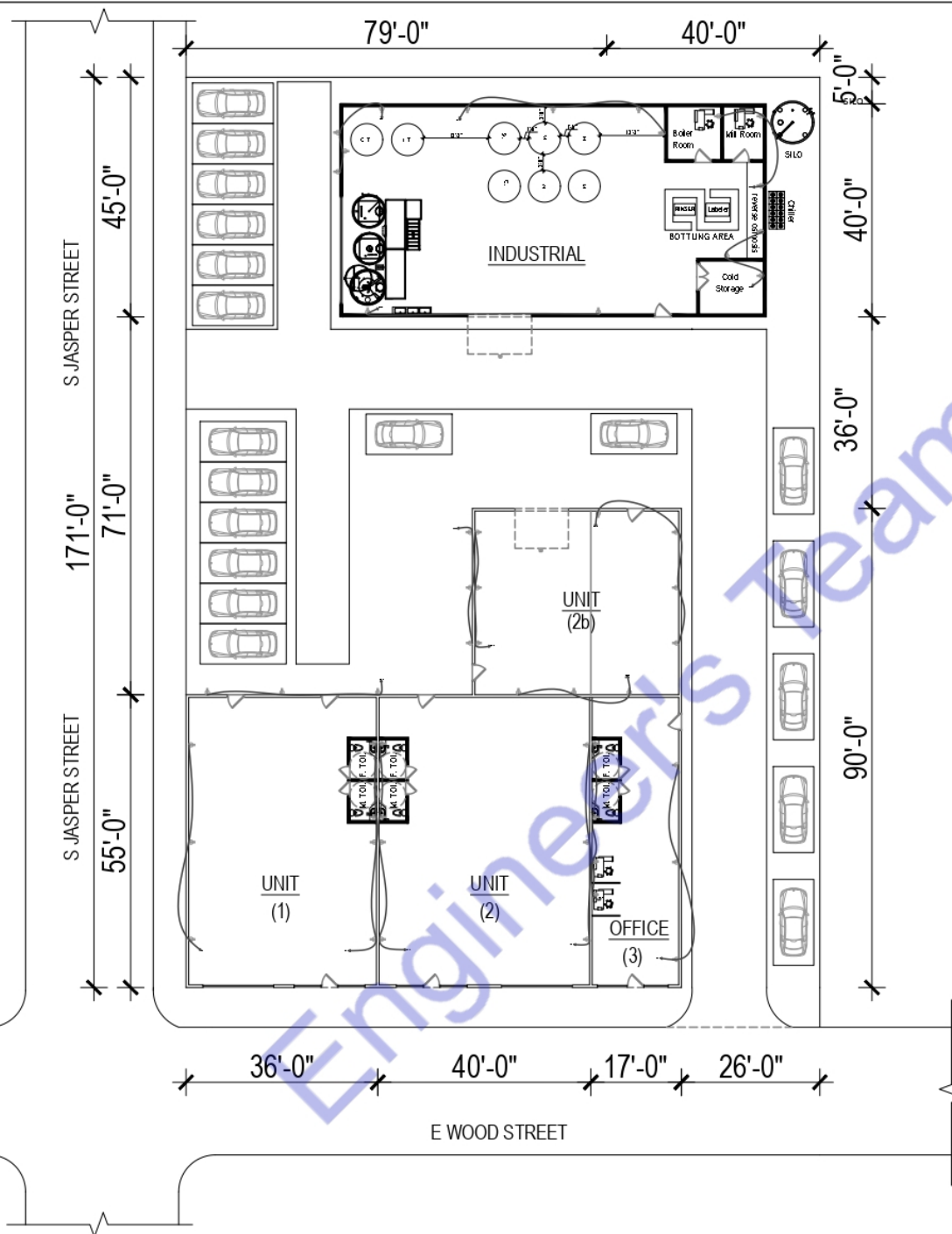
SEAL:

A3
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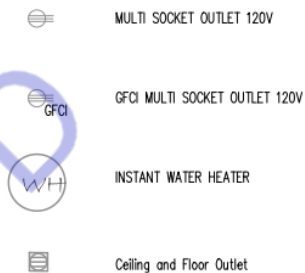
Release for construction

ELECTRICAL LIGHTING PLAN

Drawn by: Engr. Al Amin
Checked:
Date: OCT, 24.
E. 1
Scale:



ELECTRICAL LEGEND



Note:

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OWNER:

Colorado Springs,
Colorado

SEAL:

A3
1:100

Release for construction

ELECTRICAL POWER PLAN

Drawn by: Engr. Al Amin
Checked:
Date: OCT, 24.
E. 2
Scale:



Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)

 support@engrteam.com

 <https://engrteam.com>

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