

**GENERAL ELECTRICAL NOTES**

1. ALL ELECTRICAL DEVICES AND WORK SHALL COMPLY WITH THE HIGHEST STANDARD OF THE GOVERNING ELECTRICAL CODE.
2. PERFORMANCE STANDARDS SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS AS ESTABLISHED BY GOVERNING AND APPROVAL AGENCIES.
3. ALL DEVICES SHALL BE U.L. APPROVED AND BEAR U.L. LABELS.
4. SWITCH AND DUPLEX OUTLETS OF MULTIPLE SWITCHES UP TO (4) FOUR WHEN SHOWN ADJACENT TO EACH OTHER ON PLAN SHALL BE GROUPED UNDER (1) ONE PLATE.
5. VERIFY SERVICES AND LOCATION REQUIREMENTS FOR ALL APPLIANCES AND MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.

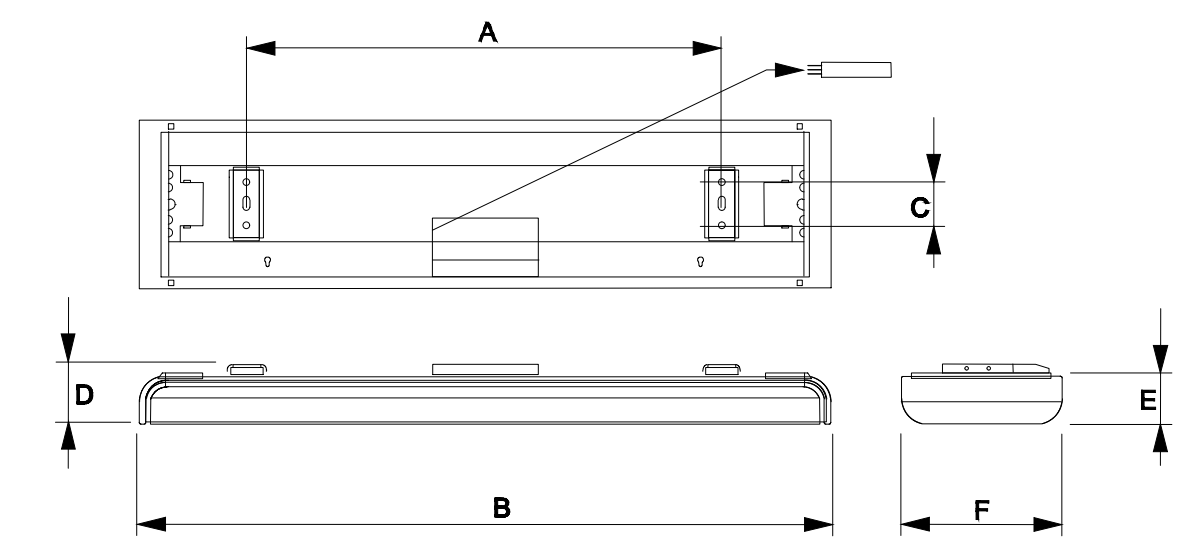
NOTE: VERIFY W/ OWNER - ALL ELECTRICAL AND LIGHTING LOCATIONS AND SPECS..... INCLUDING SECURITY, AUDIO/VISUAL, OUTDOOR ELECTRICAL, PANEL LOCATIONS, ETC.

ELECTRICAL LEGEND	
	FUEL DISPENSER PANEL
	25A PANEL
	ROADWAY EASEMENT
	ELECTRIC CABINET
	SIGN PROJECTION
	LIGHT FIXTURE
	250V METER SYSTEM

1 | ELECTRICAL PLAN  
E1.01 | SCALE: 1" = 20'

**CANOPY LIGHT/ SMARTFORM TCS460**

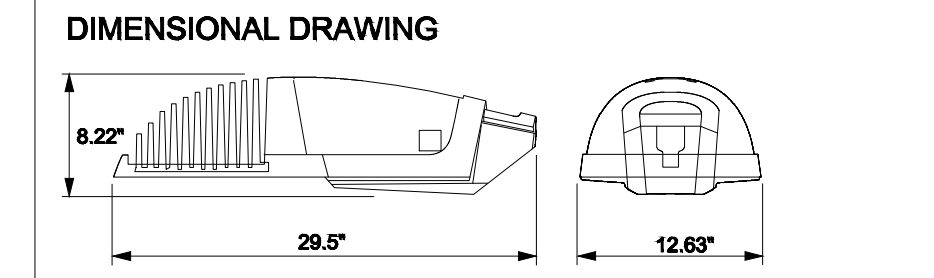
PRODUCT	A	B	C	D	E	F
TCS460 1x35W/840 HFP A/ 208 V	53.34"	60.62"	1.58"	2.16"	1.92"	6.18"



**BGP340 LED92--3S/740/EXTERIOR LIGHT**

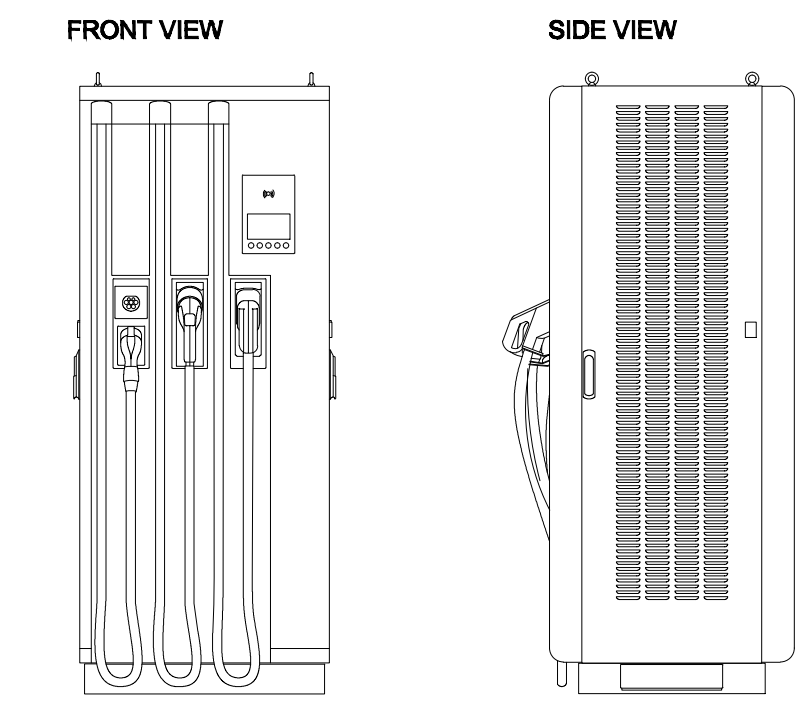
**OPERATING AND ELECTRICAL**

INPUT VOLTAGE	220-240 V
INPUT FREQUENCY	50 TO 60 HZ
CONTROL SIGNAL VOLTAGE	1-10 V DC
INRUSH CURRENT	80 A
INRUSH TIME	150 MS
POWER FACTOR (MIN.)	0.9
POWER FACTOR (NOM.)	



**CHARGING STATION/ ELECTRICAL SPECIFICATION**

Type of station	2-pole breaker	Copper conductor gauge (A W G)	Disconnect
208/240 V - 16 A	20	12	Not required
208/240 V - 25 A	30	10	Not required
208/240 V - 40 A	50	6	Not required
208/240 V - 70 A	90	2	Mandatory
208/240 V - 80 A	100	2	Mandatory



**FUEL DISPENSER TECHNICAL PARAMETERS:**

ACCURACY: TO .25%

FLOW RATE RANGE: 5-50L/MIN OR 8-80L/MIN

INTAKE VACUUM: > 54KPA

DISPLAY: SALES 0.00 TO 9999999

NOISE: < 80DB(A)

VOLUME: 0.00 TO 99999.99

UNIT PRICE: 0.00 TO 9999 ( DECIMAL POINT POSITION CAN BE CHOSEN)

ELECTRICAL TOTALIZER: 0.00 TO 999999999.99

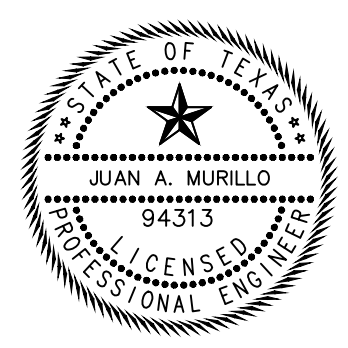
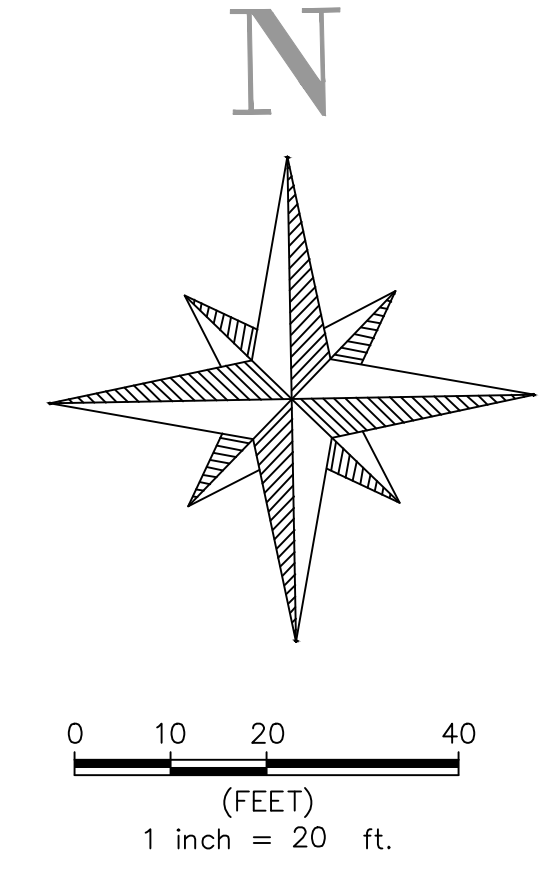
ELECTRICAL MECHANICAL TOTALIZER: 0.00 TO 9999999

POWER SUPPLY: AC380V OR AC220V WITH A CHANGING RANGE FROM -15% TO + 10%

MOTOR'S OUTPUT POWER: 750W AND 1000W

WORKING ENVIRONMENTAL TEMPERATURE: -40°C TO +55°C

RELATIVE HUMIDITY: 30% TO 90%



"THE SEAL APPEARING ON THIS DRAWING WAS AUTHORIZED BY JUAN A. MURILLO, P.E. 94313 ON SEPTEMBER 16th, 2025"

LOG OF SUBMISSION /REVISION		
1	UPDATED AS REQUIRED BY TIA ROADWAY & SIDEWALK IMPROVEMENTS	08/14/2023
NO	DESCRIPTION	DATE

**Engineering & Construction Integration Services, Inc.**  
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214-591-3100

**SHEET ELECTRICAL PLAN**

OWNER	AMMAR SHOMALI	ENGINEER	JUAN A. MURILLO
ADDRESS	1245 LONGHORN ROAD CITY OF FORT WORTH TEXAS 76179	ADDRESS	1303 W. WALNUT HILL LN. SUITE 285, IRVING, TEXAS 75038
		PHONE NUMBER	214-591-3100
		MAIL ADDRESS	jmurillo@ecis-engineering.com

PROJECT: VICTORY HUB

DESIGNED	BRYAN ANDRADE	CHECKED	JOSE G. MURILLO
DRAWN	JHOEL MERCADO	APPROVED	JUAN A. MURILLO
SUB	LOT	BLK	SUBMISSION DATE
LONGHORN PLAZA ADDITION	01	A	05/12/2023
		FILE NUMBER	SHEET NO
		2224.1245	E1.01