



- NOTE:
1. REFER TO ARCHITECTURE DRAWING "A1" FOR DIMENSIONS.
 2. PHOTOMETRIC SHOWN IN UNIT LUX.

GENERAL PHOTOMETRIC SCHEDULE	
AVERAGE LUX	4.37
MAXIMUM LUX	60.1
MINIMUM LUX	0.0
MINIMUM TO MAXIMUM FC RATIO	0.00
MAXIMUM TO MINIMUM FC RATIO	60.09 / 0.00
AVERAGE TO MINIMUM FC RATIO	4.37 / 0.00

LUMINAIRE SCHEDULE							
SYMBOL	DESCRIPTION	BALLAST	MOUNTING	MODEL	VOLTS	NOTE	QUANTITY
□	CPY250 B Version, Flat Lens Optic, Input Power Designator C, 120-277V, 3000K CCT	ELECTRONIC	CEILING	Cree Inc CPY250-B-xx-F-C-UL-xx-30K	120V 1P 2W	ree-RESL 04/17/2017 Measurement orientation: base up 120.00VAC, 0.27A, 32.13W TEST PROCEDURE: IESNA-LM-79-08 TEST DISTANCE = 29.36 Feet Philips XLD40C070V056CNUJM 4045.2	3
□	VISION WALL MEDIUM LED LUMINAIRE(1) LIGHTBARS WITH ACCUMULATED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD	ELECTRONIC	WALL	LSI INDUSTRIES, INC. XWS-LED-02L-SIL-3-40-70CRI	120V 1P 2W	SI INDUSTRIES, INC. 12/01/22 01/11/23 IESNA-LM-79-19 NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED. SCALED FROM ORIGINAL TEST DATA. LED Outdoor 4000	4

ZONING STATISTICS 16621 HWY 12, MIDLAND, ON HC ZONE (HIGHWAY COMMERCIAL)		
TOWN OF MIDLAND ZONING BY-LAW 2004-90		
	DEVELOPMENT DATA	BY-LAW REQUIREMENT
	PROPOSED	
USES	REMAINED PERMITTED HC USE	EATING ESTABLISHMENT
	REMAINED PERMITTED HC USE	RETAIL STORE
	REMAINED PERMITTED HC USE	GAS BAR
LOT AREA	2,794 M ²	3,000 M ² MAX.
GROSS AREA	533 M ²	
FLOOR AREA		
GROUND FLOOR	333 M ²	
GAS CANOPY	200 M ²	
COVERAGE	17.29 %	50% MAX.
LOT FRONTAGE	30.45 M	30.0 M MIN.
BUILDING HEIGHT	5.18 M	11.0 M MAX.
SETBACKS		
FRONT(SOUTH)	15.0 M	15.0 M MIN. (ZONING) 14.0M (MTD)
REAR (NORTH)	7.26 M	3.3 M MIN.
SIDE(EXTERIOR)	9.73 M	4.5 M MIN.
SIDE(INTERIOR)	0.76 M	0 M MIN.
PARKING		
GAS STATION	PROPOSED AREA 200 SQ M	1 FOR EACH 20 SQ M OF GFA with MIN. of 3 spots
C-STORE	PROPOSED AREA 88 SQ M	
EATING ESTABLISHMENT	2 (OCCUPANCY 8 PPL)	1 PER EVERY 4 PPL SEATING CAPACITY
ACCESSIBLE PARKING	1	1
TOTAL	17(SURPLUS PARKING 6)	17
*GENERAL NOTES: Parking stall lines, accessible parking stall symbols, pedestrian crosswalk hatching and vehicular directional arrows will be installed to an appropriate standard, including the requirement to use reflective paint. Sight triangle will ensure the intersection sight distance needed by a motorist, referring to MTO highway geometric design.		

FRONTOP ENGINEERING LIMITED

101 AMBER STREET, UNIT 182, MARKHAM ON L3R 3B2
 TELEPHONE: (905)947-0900 FAX: (905)305-9370
 Website: www.frontop.ca Email: info@frontop.ca

NOTES:
 1.All drawings are to be read in conjunction with the latest version of the Ontario Building Code.
 2.Verify all dimensions prior to construction.
 3.Do not scale drawings.
 4.Report all discoveries of errors, omissions or discrepancies to the Architect or Design Engineer as applicable.
 5.The drawings are the property of the Architect and/or Engineer and must be returned on completion of the project. Any unauthorized use is prohibited.
 6.Use only the latest revised drawings or those that are marked issued for construction.
 7.All area calculations are approximate and shall be site specified by the General Contractor.



NO.	ISSUED/REVISED	DATE
5	ISSUED FOR SPA	JUNE 13, 2023
4	ISSUED FOR SPA	MAR. 03, 2023
3	ISSUED FOR SPA	OCT. 21, 2022
2	ISSUED FOR SPA	FEB. 24, 2022
1	ISSUED FOR SPA	SEP. 21, 2021

Owner & Address

16621 HWY 12
 MIDLAND, ONTARIO

Drawing Title

PHOTOMETRIC LIGHTING PLAN

Project No.	DES21-03-13A
Drawn by	J.H.
Checked by	J.F.
Date	JUNE. 13, 2023
Drawing No.	E1
Scale	3/4" = 1'-0"