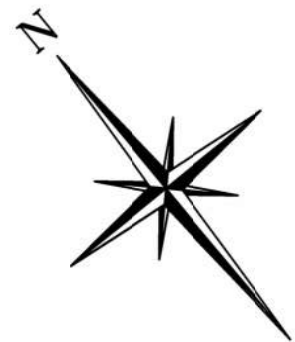
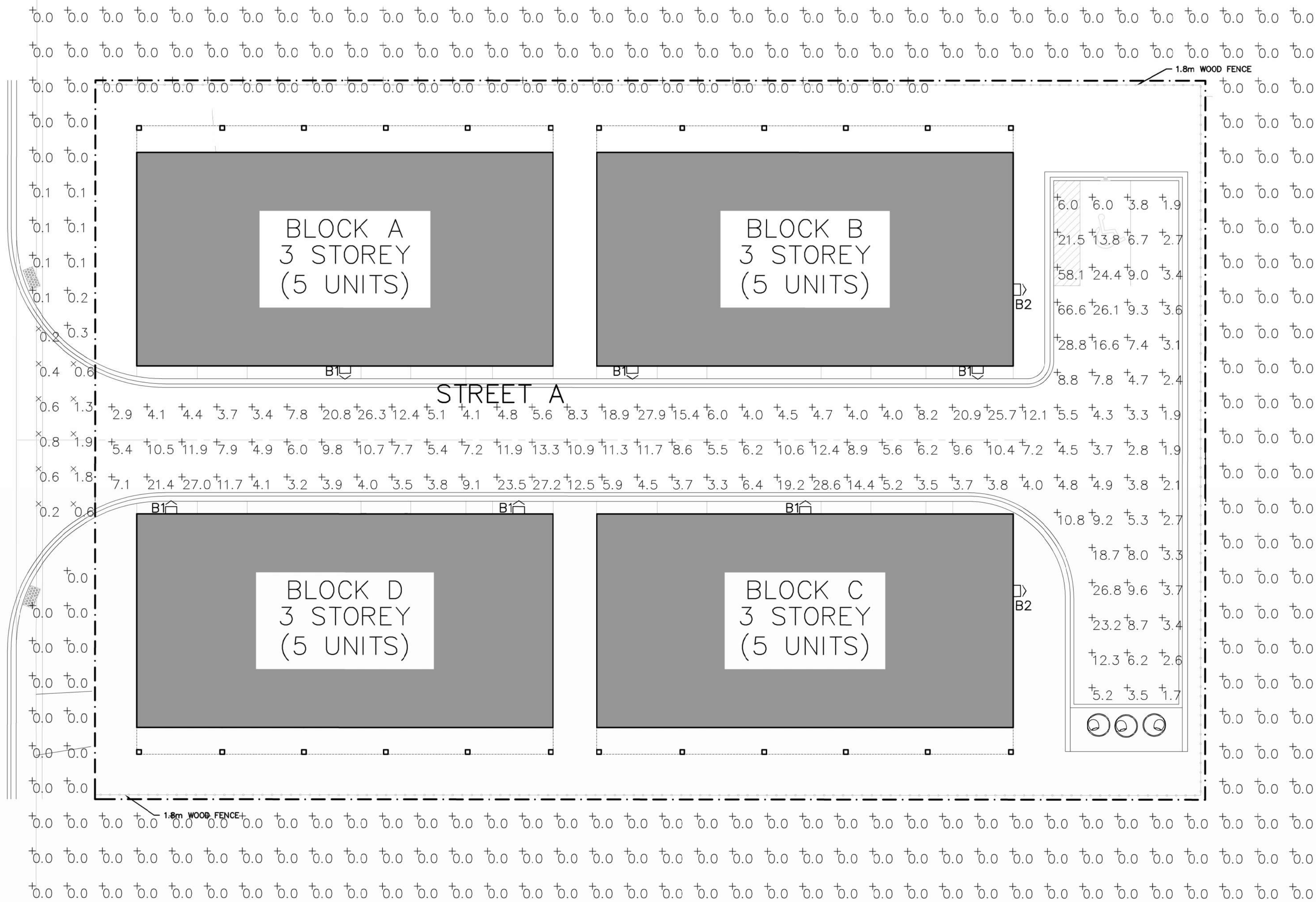




MAIN STREET EAST





ELECTRICAL DRAWING LIST	
E100	SITE PLAN – PHOTOMETRIC
E101	SITE LIGHTING DETAILS

LIGHTING	
 x	WALL PACK LIGHT FIXTURE (X = FIXTURE TYPE)
LINETYPES	
 - - -	PROPERTY LINE
ABBREVIATIONS	
AFG	ABOVE FINISHED GRADE
C/W	COMPLETE WITH
N.T.S.	NOT TO SCALE
TYP.	TYPICAL

SITE PLAN – PHOTOMETRIC

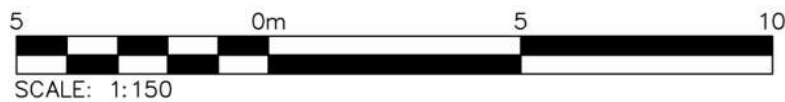
SCALE: 1:100

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	MANUFACTURER	CATALOG NUMBER	LIGHT LOSS FACTOR	MOUNTING HEIGHT	WATTAGE	DESCRIPTION
	B1	SPITZER LIGHTING	WPFP-71L-U-CC-T4-C1-A0D	0.85	MOUNTED AT 3m (10'-0")	6.3W	PEAK FULL CUTOFF LIGHT FIXTURE, 1000 LUMENS WITH TYPE IV DISTRIBUTION, 3000K, BUILT-IN PHOTOCCELL, ADJUSTABLE OUTPUT DEVICE SET TO 14%
	B2	SPITZER LIGHTING	WPFP-71L-U-CC-T4-C1-A0D	0.85	MOUNTED AT 3m (10'-0")	16.4W	PEAK FULL CUTOFF LIGHT FIXTURE, 2840 LUMENS WITH TYPE IV DISTRIBUTION, 3000K, BUILT-IN PHOTOCCELL, ADJUSTABLE OUTPUT DEVICE SET TO 40%

THE FOLLOWING NOTATIONS APPLY TO ALL LUMINAIRES IN SCHEDULE, UNLESS OTHERWISE NOTED:

- ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE PHOTOCELLS AS REQUIRED, COORDINATE EXACT LOCATION & REQUIREMENTS WITH LIGHT MANUFACTURER.
- ALL PROPOSED LUMINAIRES ARE DARK SKY COMPLIANT WITH UP LIGHT = ZERO.

LUMINAIRE STATISTICS								TARGET VALUES		
LABEL	CALC. TYPE	SYMBOL	UNITS	AVG	MAX	MIN	AVG/MIN	ROADWAY TYPE CLASSIFICATION	AVG	AVG/MIN
STREET A	ILLUMINANCE	+	LUX	9.7	66.6	1.7	5.7:1	LOCAL/LOW	4.0	6.0:1



- THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM THIS OFFICE.
- THE DIGITAL FILES CONTAIN INTELLECTUAL AND DIGITAL DATA PROPERTY THAT IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION.
- THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
- ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- DO NOT SCALE DRAWINGS.

BENCHMARKS

SURVEY COMPLETED BY SCHAEFFER DZALDOV PURCELL LIMITED ON NOVEMBER 16TH, 2023. ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE ONTARIO MINISTRY OF NATURAL RESOURCES AND FORESTRY CONTROL No. 00819688527 HAVING A PUBLISHED ELEVATION OF 515.566 METRES (CGVD28:78)

Town



No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR COORDINATION	2025/05/02

Engineer

Engineer

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

Project

271 MAIN STREET EAST DUNDALK
TOWNSHIP OF SOUTHGATE

Drawing

SITE PLAN – PHOTOMETRIC



Drawn By	S.M.	Design By	S.M.	Project	2514-6796
Check By		Check By	I.S.	Drawing	E100

Color Changeable Full Cut-off Wall Pack

TYPE: B1 & B2

Spitzer
LIGHTING

MODEL NO.	TYPE	PROJECT DATE
KEY FEATURES <ul style="list-style-type: none"> • Modern recessed design • Multiple distributions option available for different applications • Lumens output up to 17,000 • Zero uplight dark sky compliant 		
TECHNICAL SUMMARY		
WATTAGE:	45W, 70W, 120W	
LUMEN EFFICACY	7100LM, 11000LM, 17000LM, custom / 150LM/W	
INPUT VOLTAGE	120-277Vac, 277-480Vac	
AVAILABLE CCT/CRI	30K/60C/50K Changeable / CRI >10	
CONTROL	On/Off with 0V 0Vv, Photocell, Bi-level motion sensor	
VALIDATIONS	UL & cUL wet location listed, IP65, IK08(B), IK10(housing), FCC, RoHS, DLC Premium	
LIFETIME	150-56,000 hours, 5 year warranty	
DISTRIBUTION	Type II, IV General	
OPERATION TEMP	-13°F ~ 113°F (w/o EM) / 32°F ~ 113°F (with EM), 2) -4°F ~ 113°F (with EMS)	
FINISH	Dark Bronze, Matte Black, White	

*Delivered lumen may vary, refer to photometric for full performance data.



DIMENSIONS



Weight: 8.14 lbs

Spitzer
LIGHTING

702 Interchange Blvd., Newark, DE 19711

www.spitzerlighting.com

Specification is subject to change without notice


V3 1/3

Color Changeable Full Cut-off Wall Pack

TYPE: B1 & B2

Spitzer
LIGHTING

MODEL NO.		TYPE		PROJECT/DATE	
ORDERING INFORMATION <div style="text-align: right;">*Additional cost and/or lead time on customized features may apply.</div>					
<div> <div></div> <div></div> <div></div> <div></div> </div>		<div> <div></div> <div></div> <div></div> <div></div> </div>		<div> <div></div> <div></div> <div></div> <div></div> </div>	
Series	Lumen Package	Voltage	CC1	Distribution	Control
WAPP	71L (1000m, 450v)	CC - Color Changeable (30v/40v/50v)	CC2	T3 (Type III) T6 (General)	CO - ON & Off with 0-10V driver CW - (Color) with 0-10V driver & integrated controller
	71T (1000m, 700v)	CC - Color Changeable (40v/50v)**			DB - (Dark Blue) DL - (Black)* BW - (White) CU - (Custom)**
	717LC (17000m, 1200v)**				EM1 - (BW EM factory installed) EM2 - (10K EM factory installed) EM3 - (BW cold weather sensor factory installed)



ADD (Adjustable Output Device)

Splice the ADD wired in to customize the Voltage and Lumen output to match your exact needs. Talk to your Sales Rep today

Custom lumens with ADD (please contact the selection when ordering)

VOLTAGE:	LUMEN OUTPUT:
TYPE B1: 6.3W	TYPE B1: 1000 LUMENS
TYPE B2: 16.4W	TYPE B2: 2840 LUMENS

*Additional cost and/or lead time on customized features may apply. Customized features can not be returned

**TOLC only available in 4000/5000 Color Changeable only

***TOLC not available for High Voltage B1

PRE-SET SELECTABLE LUMEN OUTPUT CHART

WPPF-110LC			
OUTPUT	11,000 / 70W*	8,800 / 56W	7,100 / 45W
*Default setting			

WPFP-170LC				
OUTPUT	17,000 / 120W*	15,000 / 96W	11,000 / 72W	8,100 / 48W

*Default setting

***AVAILABLE ACCESSORIES:** (Sold separately)



Spitzer
LIGHTING

702 Interchange Blvd., Newark, DE 19711

www.spitzerlighting.com

Specification is subject to change without notice

V3 2/3

Color Changeable Full Cut-off Wall Pack

TYPE: B1 & B2

Spitzer
LIGHTING

MODEL NO.	TYPE	PROJECT/DATE
<p>SPECIFICATIONS</p> <p>CONSTRUCTION</p> <p>The single piece cast aluminum housing optimized thermal dissipation from the LED engine and promote long life. The die-cast door frame is fully gasketed with a silicone gasket to keep out moisture and dust, providing an IP65 rating.</p> <p>FINISH</p> <p>Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering.</p> <p>OPTICS/DIFFUSER</p> <p>UV stabilized polycarbonate optic engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Type III*, Type IV, General* distribution available.</p> <p>ELECTRICAL</p> <p>Light engine consists of high-efficiency LEDs mounted to aluminum boards to maximize thermal dissipation, reported L80 >50,000 hours. A Class 2, constant current 0-10V dimmable driver with 120V/277Vdc, 50-60 Hz. Ships with field enable/disable button protocol.</p> <p>MOUNTING</p> <p>Wall Mount</p> <p>VALIDATIONS</p> <p>UL, e-UL, wet location listed, IP65, K08 (Irr.), K110 (housing) FCC, RoHS, Dark Sky Compliant, DLC Premium</p>		



SPLITTER MODEL NUMBER	DLC PRODUCT ID
WPPP-7TL-U-40K-T4 [C1,C2,C3,C4] [D8,WH,RL,S]	S-78TLE1A
WPPP-7TL-U-50K-T3 [C1,C2,C3,C4] [D8,WH,RL,S]	S-55S059
WPPP-7TL-U-50K-T4 [C1,C2,C3,C4] [D8,WH,RL,S]	S-40NXBQ
WPPP-7TL-U-40K-T2 [C1,C2,C3,C4] [D8,WH,RL,S]	S-HG81JR
WPPP-11ELC-U-C2-T3 [C1,C2,C3,C4] [D8,WH,RL,S]	S-FT70NF
WPPP-11ELC-U-C2-TG [C1,C2,C3,C4] [D8,WH,RL,S]	S-RLFMFMS
WPPP-11ELC-U-C2-T4 [C1,C2,C3,C4] [D8,WH,RL,S]	S-JPVSGB3
WPPP-11ELC-U-C2-TG [C1,C2,C3,C4] [D8,WH,RL,S]	S-69L6P
WPPP-11ELC-U-C2-T4 [C1,C2,C3,C4] [D8,WH,RL,S]	S-BLJ55Q
WPPP-11ELC-U-C2-TG [C1,C2,C3,C4] [D8,WH,RL,S]	S-8Q563R

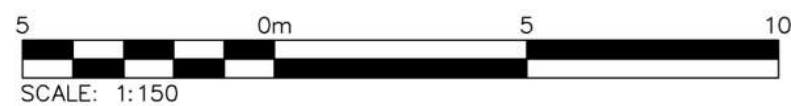
Spitzer
LIGHTING

702 Interchange Blvd., Newark, DE 19711

www.spitzerlighting.com

Specification is subject to change without notice

V3 3/3



1. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM C.F. CROZIER & ASSOCIATES INC.
2. THE DIGITAL FILES CONTAIN INTELLECTUAL AND DIGITAL DATA PROPERTY THAT IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. ANY REPRODUCTION OR FACTOR OF REPRODUCTION OF ANY LEVEL OR STATUS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION.
3. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
4. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
5. DO NOT SCALE DRAWINGS.

BENCHMARKS

SURVEY COMPLETED BY SCHAEFFER DZALDOV PURCELL LIMITED ON NOVEMBER 16TH, 2023. ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE ONTARIO MINISTRY OF NATURAL RESOURCES AND FORESTRY CONTROL No. 00819688527 HAVING A PUBLISHED ELEVATION OF 515.566 METRES (CGVD28:78)

[illegible]

Engineer

Engineer

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

Project	
---------	--

Drawing

271 MAIN STREET EAST DUNDALK
TOWNSHIP OF SOUTHGATE

SITE LIGHTING DETAILS



Drawn By	S.M.	Design By	S.M.	Project	2514-6796
Check By		Check By	I.S.	Drawing	E101