



1 SITE PLAN
E101 1:200

2	RESUBMISSION FOR SPA	NOV. 18, 2021
1	ISSUED FOR SPA	JUN. 23, 2021
ISSUES/REVISIONS		
ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON SITE. DISCREPANCIES TO BE REPORTED TO THE ARCHITECT. LATEST APPROVED STAMPED DRAWINGS ONLY TO BE USED FOR CONSTRUCTION.		

20-134

PROJECT NORTH

Jain

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DRAWING TITLE:
SITE LIGHTING PLAN

PROJECT NAME:
THE RESIDENCE ON OWEN LTD

67 OWEN STREET
BARRIE, ON

BRUCE STEWART
DATE: 04/27/2021 PROJECT # SHEET #
DRAWN BY: JW PROJECT 20-134 E101
SCALE: As indicated

LUMINAIRE SCHEDULE					
TYPE	DESCRIPTION	LAMPS AND BALLAST	CATALOGUE NO.	IMAGE	DIV. 16 SUPPLIED
WI	EXTERIOR LED WALL MOUNTED FIXTURE. FULL CUT-OFF. WITH SILICONE SEALED OPTICAL AND DIE-CAST ALUMINUM HOUSING. RATED. APPLICATION: SITE	12.2W LED, 1418 LUMENS, 347V DRIVER, 4000K, 70CRI	COOPER LIGHTING XTOR1B-W-347V SERIES OR APPROVED EQUAL		✓
B1	EXTERIOR CANOPY RECESSED 6" DIA., LED DOWNLIGHT. C/W REGRESSED LENS AND GALVANIZED STEEL PLASTER FRAME. TRIM COLOR FINISH AS PER ARCHITECT'S SELECTION. IP65 RATED. APPLICATION: SITE	14W LED, 1410 LUMENS, 347V DRIVER, 4000K, 80CRI	COOPER LIGHTING HC615D010347-HM612940-61W0H SERIES OR APPROVED EQUAL		✓
NOTES: 1. ONLY "SHIELDED" LIGHTING FIXTURES ARE PERMITTED FOR ALL DEVELOPMENT, EXCEPT FOR DETACHED AND SEMI-DETACHED DWELLINGS WITHIN 60 M (196.8 FT.) OF A RESIDENTIALLY ZONED PROPERTY AND MUST CONFORM TO THE ENGINEER CERTIFIED LIGHTING PLAN. 2. ALL LIGHTING FIXTURES TO BE DARKSKY COMPLIANT TO THE SATISFACTION OF LOCAL A.H.L. 3. COORDINATE ON SITE FOR FIXTURES REMOTE DRIVERS LOCATION WHEN REQUIRED.					

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CANOPY	Illuminance	Lux	143.39	198.3	71.3	2.01	2.78
SITE	Illuminance	Lux	11.24	136	0	N.A.	N.A.
SPILLAGE	Illuminance	Lux	1.71	10	0	N.A.	N.A.

DRAWING NOTES:

- EXTERIOR LIGHTING AND SIGNAGE SHALL BE CONTROLLED BY PHOTOCELL WITH MANUAL OVERRIDE SWITCH AND TIMER. REFER TO SPECIFICATIONS FOR MORE INFORMATION. CONFIRM EXACT ELECTRICAL REQUIREMENTS WITH SIGNAGE MANUFACTURER.
- RUN MINIMUM #8AWG WIRING AND TYPE II PVC CONDUITS FOR ALL EXTERIOR LIGHTING.
- COORDINATE WITH SITE SERVICING CONTRACTOR AND HYDRO ELECTRIC ON SITE FOR HYDRO SERVICE PLAN TO THIS PROPERTY, INCLUDING HYDRO TRANSFORMER LOCATION, PRIMARY DUCT BANK, INCOMING SERVICE ROUTE, CUSTOMER SCOPE OF WORK PER "OFFER TO CONNECT", FOLLOW HYDRO STANDARD SPECIFICATION AS REQUIRED, AND GET APPROVAL BY AUTHORITIES PRIOR TO START THE SITE EXCAVATION.