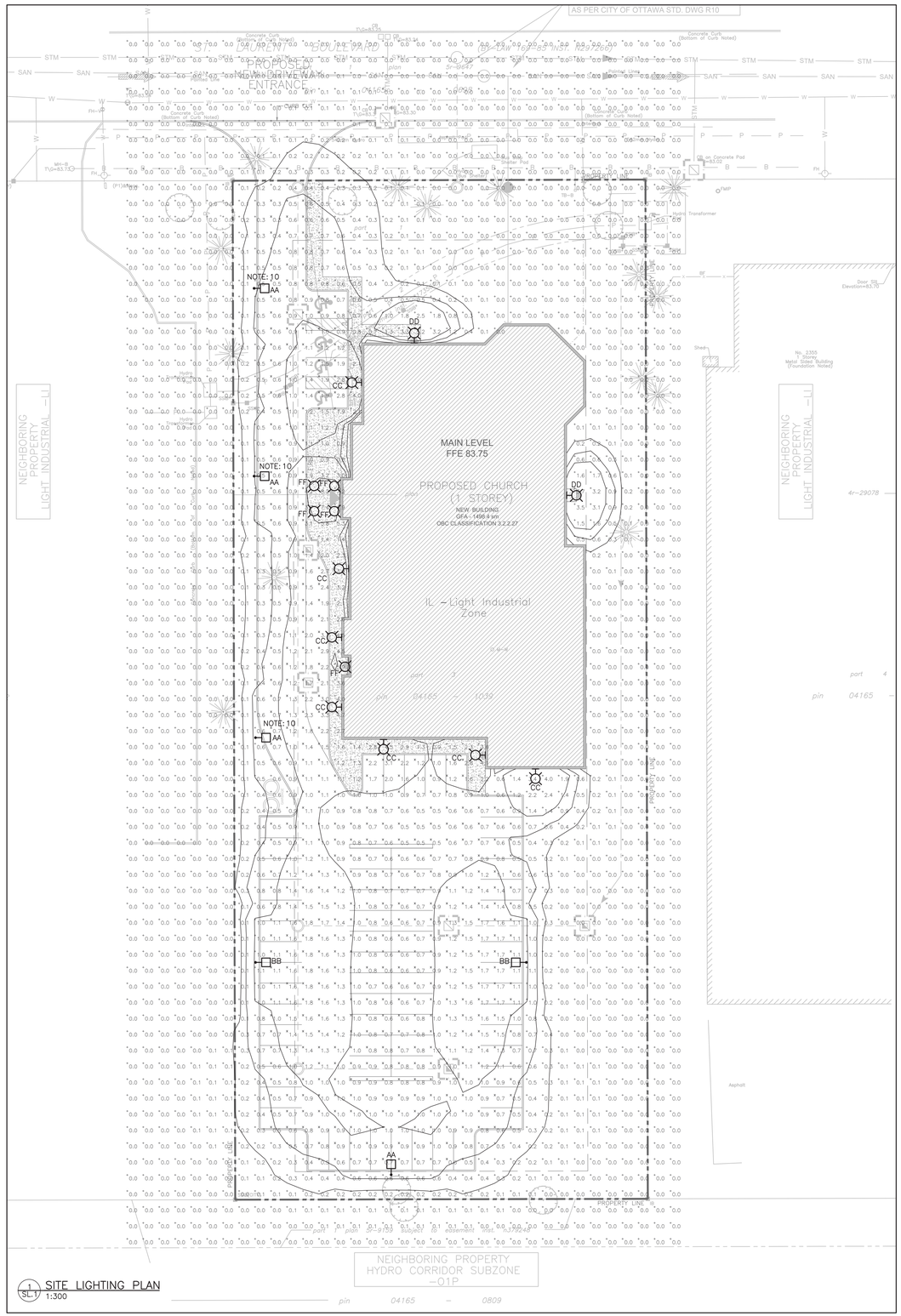


1 SL.1 SITE LIGHTING PLAN
1:300

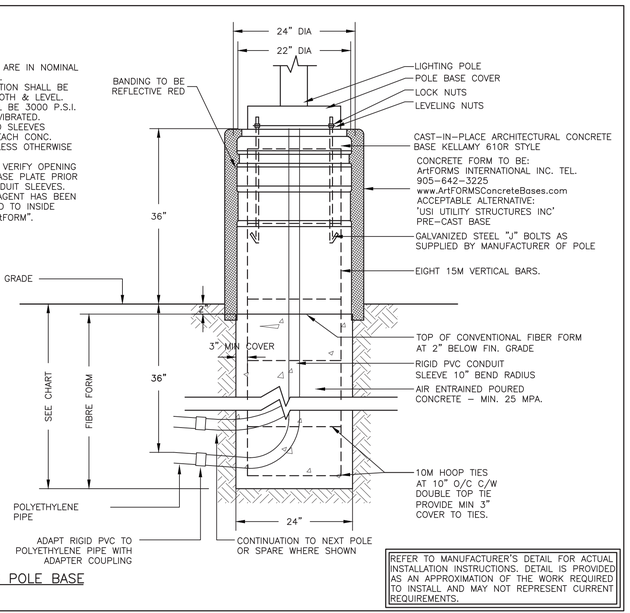
LUMINAIRE SCHEDULE

TYPE	ACCEPTABLE MANUFACTURES	MODELS	CATALOGUE NUMBERS	DESCRIPTION NUM OF LAMPS VOLTAGE	LOCATION MOUNTING HEIGHT	NOTES
AA	LITHONIA	D SERIES 0	DSXO.LED.P1.30K.BLC.MVOLT.SPA .FAO.DDBXD C/W BACKLIGHT CONTROL	POLE LIGHT 38W 3000K 120V	EXT. POLE POLE+BASE 25FT+3FT	C/W 25FT SQUARE STEEL GALVANIZED POLE +3FT BASE. CONFIRM FINISHES WITH ARCHITECT. FIELD ADJUSTABLE OUTPUT INITIAL SETTING AT 100%. SEE NOTES.
BB	LITHONIA	D SERIES 0	DSXO.LED.P4.30K.BLC.MVOLT.SPA .DDBXD C/W BACKLIGHT CONTROL	POLE LIGHT 92W 3000K 120V	EXT. POLE POLE+BASE 25FT+3FT	C/W 25FT SQUARE STEEL GALVANIZED POLE +3FT BASE. CONFIRM FINISHES WITH ARCHITECT.
CC	LITHONIA	WST LED	WST.LED.P1.30K.VF.MVOLT	WALL PACK-FWD 11W 3000K 120V	EXT. WALL WALL ~12FT	COORDINATE EXACT MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS.
DD	LITHONIA	WST LED	WST.LED.P1.30K.VW.MVOLT	WALL PACK-WIDE 11W 3000K 120V	EXT. WALL WALL ~12FT	COORDINATE EXACT MOUNTING HEIGHTS WITH ARCHITECTURAL FEATURES AND ELEVATIONS.
FF	GOTHAM	EVO4SH	EVO4SH.30.10.DFBR.SMO.MVOLT	4" POT LIGHT 8.8W 3000K 120V	EXT. CANOPY RECESSED CANOPY	WET LOCATION LISTED. CONFIRM CANOPY COLOUR PRIOR TO ORDERING (WHITE/BLACK TRIM)

CALCULATION NORTH PARKING AREA	HORIZONTAL ILLUMINATION (FOOTCANDLES)
MINIMUM	0.7
AVERAGE	1.4
MAXIMUM	2.8
UNIFORMITY RATIO	
MAXIMUM:MINIMUM	4.0:1
AVERAGE:MINIMUM	2.0:1

CALCULATION SOUTH PARKING AREA	HORIZONTAL ILLUMINATION (FOOTCANDLES)
MINIMUM	0.5
AVERAGE	1.0
MAXIMUM	3.1
UNIFORMITY RATIO	
MAXIMUM:MINIMUM	6.2:1
AVERAGE:MINIMUM	2.0:1

NOTES:
1. ALL DIMENSIONS ARE IN NOMINAL FEET OR INCHES.
2. TOP OF FOUNDATION SHALL BE TROWELLED SMOOTH & LEVEL.
3. CONCRETE SHALL BE 3000 P.S.I. AND SHALL BE VIBRATED.
4. MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.
5. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.
6. FORM RELEASE AGENT HAS BEEN FACTORY-APPLIED TO INSIDE SURFACE OF "ArtFORM".

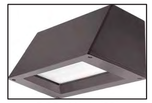


POLE LENGTH	BASE BURIAL DEPTH
10'	5'
19'	7'
29'	8'
35'	8.5'
40'	9'
45'	9.5'
50'	10'

REFER TO MANUFACTURER'S DETAIL FOR ACTUAL INSTALLATION INSTRUCTIONS. DETAIL IS PROVIDED AS AN APPROXIMATION OF THE WORK REQUIRED TO INSTALL AND MAY NOT REPRESENT CURRENT REQUIREMENTS.

2 SL.1 ARTFORMS POLE BASE
N.T.S.


TYPE 'AA' & 'BB'


TYPE 'CC' & 'DD'


TYPE 'FF'

SITE LIGHTING NOTES:

1. THIS DRAWING IS FOR FIXTURE LOCATIONS AND PHOTOMETRIC LAYOUT OF SITE LIGHTING ONLY. CONTACT ELECTRICAL CONSULTANT FOR BUILDING ELECTRICAL SITE PLAN TO CONFIRM LAYOUT OF CONDUIT ROUTING, CIRCUIT ARRANGEMENT, AND WIRE SIZING.
2. VOLTAGES OF FIXTURES ARE TO BE VERIFIED WITH THE ELECTRICAL SITE PLANS PRIOR TO ORDERING FIXTURES.
3. ELEVATIONS OF BASES ARE TO BE COORDINATED WITH SITE GRADING PLAN.
4. LIGHT STANDARDS ARE TO BE COORDINATED WITH WINDOW LOCATIONS. ANY FIXTURES WITHIN 10' (3m) OF THE BUILDING OR ANY CHANGES MADE TO THE BUILDING ENVELOPE ARE TO BE BROUGHT TO THE ATTENTION OF THE SITE LIGHTING CONSULTANT OR PROJECT MANAGER.
5. SUBSTITUTIONS OF LIGHT FIXTURES ARE NOT PERMITTED. IF THE CONTRACTOR SUBSTITUTES LIGHTING FIXTURES THE CONTRACTOR SHALL CARRY ALL COSTS TO HAVE PHOTOMETRIC CALCULATIONS DONE BY THE OFFICE OF THE SITE LIGHTING CONSULTANT AND ALL COSTS ASSOCIATED WITH SITE PLAN RE-SUBMISSION TO THE CITY.
6. PHOTOMETRICS SHOWN CONSIDER ALL FACTORS AFFECTING LIGHT OUTPUT LEVELS SUCH AS LAMP AND BALLAST DEPRECIATION AND DIRT ACCUMULATION OVER AN ESTIMATED ONE-YEAR PERIOD.
7. PHOTOMETRIC VALUES ARE SHOWN IN FOOTCANDLES(fc). A LIGHT LOSS FACTOR OF 0.9 WAS USED IN THE CALCULATION.
8. HOUSE SIDE SHIELDS ARE USED WHERE INDICATED IN LUMINAIRE SCHEDULE. NO ADDITIONAL SHIELDING IS PROVIDED.
9. ALL EXTERIOR LIGHTING POLES ARE TO BE GALVANIZED TO PREVENT CORROSION.
10. FIELD ADJUSTABLE OPTION IS INSTALLED ON TYPE 'AA' POLES. POLES ALONG ENTRY DRIVEWAY MAY BE ADJUSTED DOWN TO 60% OF LIGHT OUTPUT TO MINIMIZE LIGHT SPILL INTO NEW BUILDING. PHOTOMETRICS SHOWN ARE CALCULATED AT 100% WITH LIGHT LOSS FACTOR OF 0.9. AT 100%, THE ENTRY DRIVEWAY MAINTAINS AN AVERAGE OF 0.9 FOOTCANDLES (fc). AT 60%, THE ENTRY DRIVEWAY MAINTAINS AN AVERAGE OF 0.6 FOOTCANDLES(fc).

EXTERIOR LIGHTING CONTROL:

A. ALL EXTERIOR LIGHTING MUST BE CONTROLLED BY PHOTOCELL, ASTRONOMICAL TIME CLOCK, OR A COMBINATION OF BOTH TO ENSURE THAT IT IS NOT 'ON' DURING TIMES WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.

ELECTRICAL LEGEND

z	LIGHT FIXTURE (z = TYPE AS PER SCHEDULE)
z H	WALL MOUNTED LIGHT FIXTURE (z = TYPE AS PER SCHEDULE)
z	POLE LIGHT FIXTURE (z = TYPE AS PER SCHEDULE)

No	REVISION	DATE
5		
4		
3		
2		
1	ISSUED FOR SPA	2022.02.23

TRUE NORTH

LICENSED PROFESSIONAL ENGINEER
T. ALI
100084607
Feb 23, 2022
PROVINCE OF ONTARIO

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PROJECT TITLE:
PROPOSED
CHORAC OTTAWA
2375 ST. LAURENT BLVD.
OTTAWA, ONTARIO

DRAWING TITLE:
SITE LIGHTING PLAN

DRAWN BY: T.S.	CUSTOMER PROJECT No. -
CHECKED BY: T.A.	MIGHTON PROJECT No. 42171
DATE: FEBRUARY 2022	DRAWING No. SL.1
SCALE 1:300	