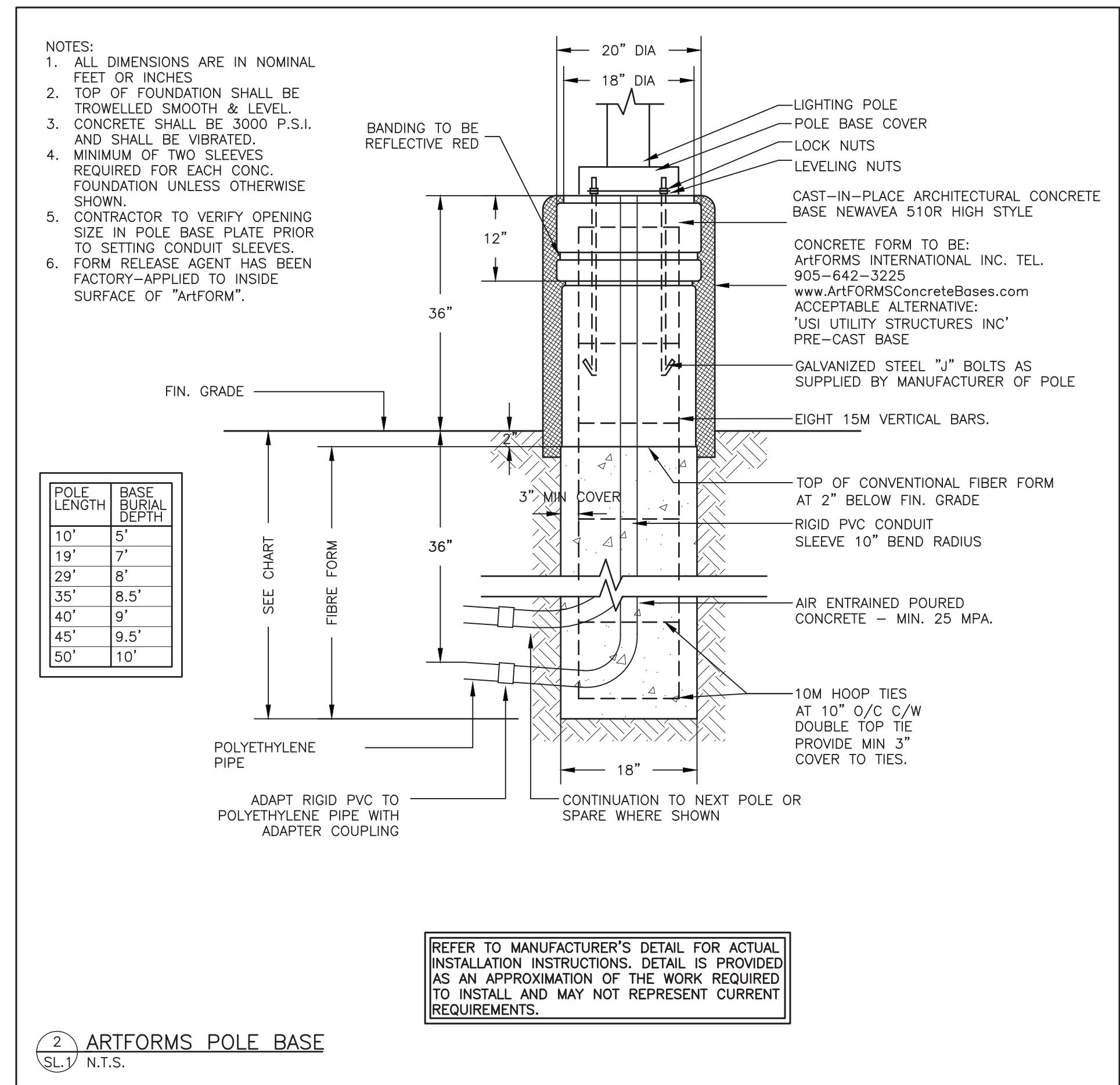


KEY PLAN

SITE PLAN
1:200



LIGHTING LEVEL CALCULATIONS

MEASUREMENT (ZONE#1)	HORIZONTAL ILLUMINATION (FC)
AVERAGE	1.2
MAXIMUM	1.8
MINIMUM	0.6
MAXIMUM:MINIMUM	3.0:1
AVERAGE:MINIMUM	2.0:1

LIGHTING LEVEL CALCULATIONS

MEASUREMENT (ZONE#2)	HORIZONTAL ILLUMINATION (FC)
AVERAGE	1.4
MAXIMUM	2.1
MINIMUM	0.7
MAXIMUM:MINIMUM	3.0:1
AVERAGE:MINIMUM	2.0:1

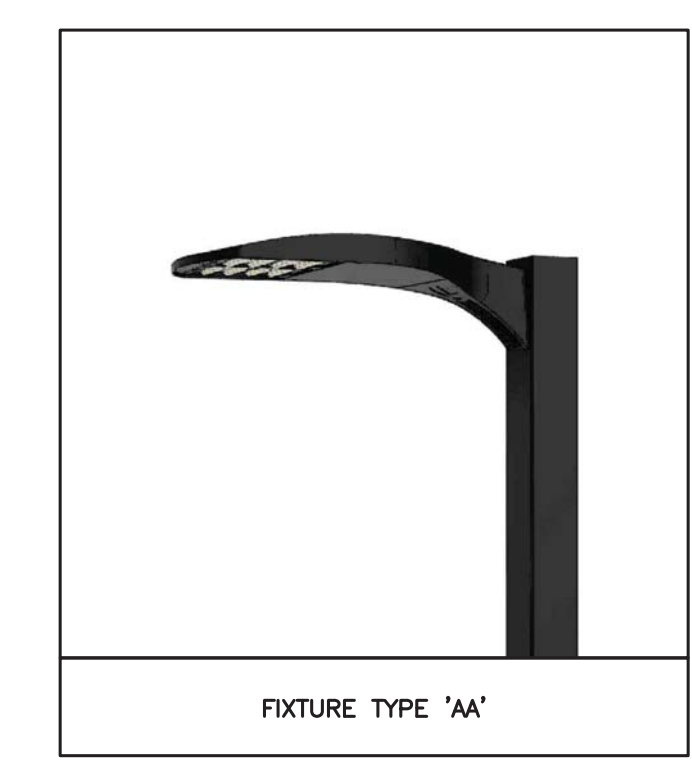
LIGHTING LEVEL CALCULATIONS

MEASUREMENT (ZONE#3)	HORIZONTAL ILLUMINATION (FC)
AVERAGE	1.5
MAXIMUM	2.1
MINIMUM	1.0
MAXIMUM:MINIMUM	2.1:1
AVERAGE:MINIMUM	1.5:1

ELECTRICAL LEGEND

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

- SITE LIGHTING NOTES:
- 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.
 - VOLTAGES OF FIXTURES ARE TO BE VERIFIED WITH THE ELECTRICAL SITE PLANS PRIOR TO ORDERING FIXTURES.
 - ELEVATIONS OF BASES ARE TO BE COORDINATED WITH SITE GRADING PLAN.
 - 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.
 - 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.
 - PHOTOMETRICS SHOWN CONSIDER ALL FACTORS AFFECTING LIGHT OUTPUT LEVELS SUCH AS LAMP AND BALLAST DEPRECIATION AND DIRT ACCUMULATION OVER AN ESTIMATED ONE-YEAR PERIOD.
 - PHOTOMETRIC VALUES ARE SHOWN IN FOOTCANDLES (fc). A LIGHT LOSS FACTOR OF 0.9 WAS USED IN THE CALCULATION.
 - TYPE 'AA' LIGHTING FIXTURES CONTAIN A BACK-LIGHT CONTROL FEATURE THAT SIGNIFICANTLY REDUCES LIGHT OUTPUT AND GLARE AT THE BACK OF FIXTURE.
 - ALL EXTERIOR LIGHTING POLES ARE TO BE GALVANIZED TO PREVENT CORROSION.
 - ALL EXTERIOR LIGHTING MUST BE CONTROLLED BY AN ASTRONOMICAL TIME CLOCK (INTERMATIC CAT#T2825CR) TO ENSURE THAT IT IS NOT 'ON' DURING TIMES WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.
 - BUILDING MOUNTED LIGHTING AT PORCHES AND DECKS ARE NOT MODELED. ALL BUILDING LIGHTING TO BE CONTROLLED BY THE UNIT IT SERVES, DARK SKY COMPLIANT, DIRECT LIGHT DOWNWARD AND NOT EXCEED SW LED.



LUMINAIRE SCHEDULE

TYPE	ACCEPTABLE MANUFACTURERS	MODELS	CATALOGUE NUMBERS	DESCRIPTION NUM. OF LAMPS VOLTAGE	LOCATION MOUNTING HEIGHT	NOTES
AA	LITHONIA	DSXO	DSXO_LED.P1.30K.80CRI.BLC4.MVOLT.SPA.DBLXD	LED AREA LIGHT 34W 3000K 120V	EXTERIOR POLE 15' A.F.G	PROVIDE 12" x 4" SQUARE STEEL POLE. REFER TO DETAIL 2/SL1 FOR POLE BASE DETAILS. CONNECT TO TIME CLOCK CONTROL.



5		
4		
3		
2	ISSUED FOR SPA	2023.01.31
1	ISSUED FOR REVIEW	2023.01.31
No	REVISION	DATE

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PROJECT TITLE:
RESIDENTIAL DEVELOPMENT

465 GARAFRAXA ST. WEST, TOWNSHIP OF CENTRE WELLINGTON, ONTARIO
DRAWING TITLE:
SITE LIGHTING PLAN

DRAWN BY: J.L	CUSTOMER PROJECT No. ---
CHECKED BY: T.A	MIGHTON PROJECT No. 43122
DATE: JAN 2023	DRAWING No. ---
SCALE: AS NOTED	SL.1