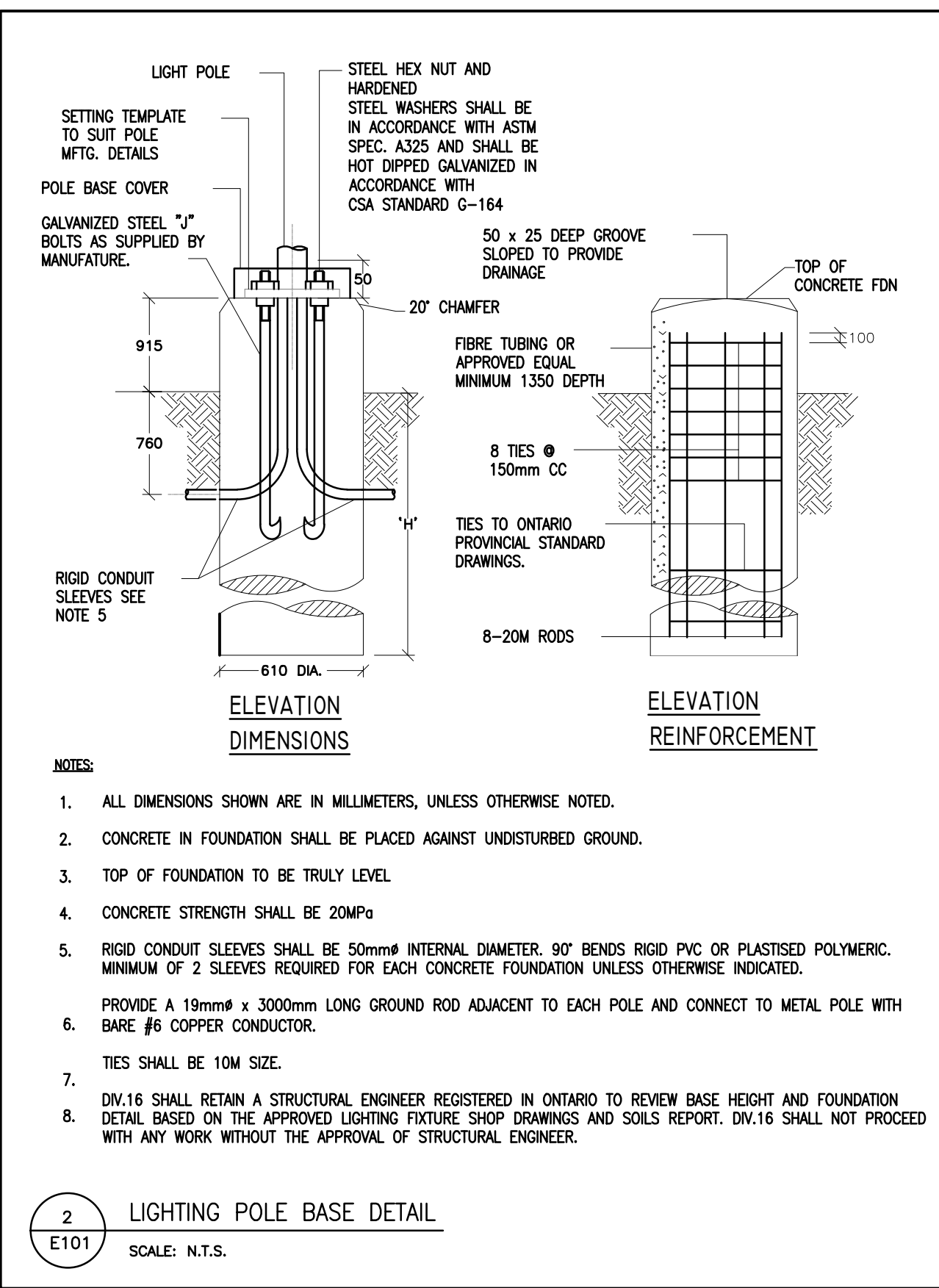


1 SITE PLAN - LIGHTING
SCALE: 1 : 250



2 LIGHTING POLE BASE DETAIL
SCALE: N.T.S.

DRAWING NOTES:
 1. EXTERIOR LIGHTING AND SIGNAGE IF ANY SHALL BE CONTROLLED BY PHOTOCELL WITH MANUAL OVERRIDE SWITCH AND TIMER.
 2. RUN MINIMUM #8AWG WIRING AND TYPE II PVC CONDUITS FOR ALL EXTERIOR LIGHTING.

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BF Parking 1	X	6.4 fc	10.3 fc	4.4 fc	2.3:1	1.5:1
BF Parking 2	□	6.6 fc	8.6 fc	5.0 fc	1.7:1	1.3:1
Parking 1	X	1.5 fc	4.6 fc	0.1 fc	46.0:1	15.0:1
Parking 2	X	2.1 fc	14.9 fc	0.3 fc	49.7:1	7.0:1
Entire Calculation Grid	+	0.5 fc	14.9 fc	0.0 fc	N/A	N/A

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Distribution
W1	W1	9	Lithonia Lighting	TWX2 LED P1 30K	TWX2 LED WITH P1 - PERFORMANCE PACKAGE, 3000K	1	3137	0.9	23,386W	TYPE IV, VERY SHORT, BUG RATING: B1 - U3 - G3
P3	P3	1	Lithonia Lighting	RSX1 LED P2 30K R5	RSX Area Fixture Size 1 P2 Lumen Package 3000K CCT Type R5 Distribution	1	9188	0.97	145.9	TYPE VS, BUG RATING: B4 - U0 - G2
P1	P1	1	Lithonia Lighting	RSX1 LED P2 30K R4 HS	RSX LED Area Luminaire Size 1 P2 Lumen Package 3000K CCT Type R4 Distribution with HS shield	1	5965	0.97	72.95	TYPE III, SHORT, BUG RATING: B1 - U0 - G2
P6	P6	2	Lithonia Lighting	RSX1 LED P2 30K R5	RSX Area Fixture Size 1 P2 Lumen Package 3000K CCT Type R5 Distribution	1	9188	0.97	72.95	TYPE VS, BUG RATING: B4 - U0 - G2
P7	P7	2	Lithonia Lighting	RSXF4 LED P1 30K NFL	RSX Floodlight Luminaire Size 4 P1 Lumen Package 3000K CCT Type NFL Distribution	1	37008	0.97	275,146W	TYPE VS, BUG RATING: B5 - U0 - G1

TYPE	DESCRIPTION	LAMPS AND BALLAST	CATALOGUE NO.	IMAGE	DIV. 16 SUPPLIED
W1	EXTERIOR LED WALL SCONCE, DIE-CAST ALUMINUM CONSTRUCTION, PERFORMANCE PACKAGE. TYPE FORWARD THROW MEDIUM OPTIC, FULL CUT-OFF. MOUNTED 05.49m AFFL. FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: EXTERIOR	23.38W LED 3137LM AND 347V DRIVER, 3000K, 80CRI, TYPE IV, VERY SHORT, BUG RATING: B1-U3-G3	LITHONIA LIGHTING #TWX2 LED P1 30K		✓
P1	REPLACE EXISTING EXTERIOR POLE SINGLE HEAD HIGH PERFORMANCE LED POLE LUMINAIRE, FULL CUT-OFF. TYPE R4 DISTRIBUTION, C/W HOUSE SIDE SHIELD. EXISTING POLE OVERALL HEIGHT IS 7.32m. FIXTURE FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	72.95W LED 5965LM AND 347V DRIVER, 3000K, 70CRI, TYPE III, SHORT, BUG RATING: B1-U0-G2	LITHONIA LIGHTING #RSX1 LED P2 30K R4 HS		✓
P2	NEW EXTERIOR DOUBLE HEAD HIGH PERFORMANCE POLE LIGHT, FORWARD THROW MEDIUM OPTIC, FULL CUT-OFF, C/W HOUSE SIDE SHIELD. PROVIDE NEW POLE WITH OVERALL HEIGHT IS 7.32m INCLUDING 6.42m HIGH SQUARE SHAPE POLE AND 0.9m HIGH BASE. FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	145.9W LED 5965LM AND 347V DRIVER, 3000K, 70CRI, TYPE III, SHORT, BUG RATING: B1-U0-G2	LITHONIA LIGHTING #RSX1 LED P2 30K R4 HS		✓
P3	REPLACE EXISTING EXTERIOR POLE DOUBLE HEADS LAMPS WITH NEW HIGH PERFORMANCE LED POLE LUMINAIRE, TYPE RS DISTRIBUTION, FULL CUT-OFF. EXISTING POLE OVERALL HEIGHT IS 7.32m. FIXTURE FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	145.9W LED 9188LM AND 347V DRIVER, 3000K, 70CRI, TYPE VS, BUG RATING: B4-U0-G2	LITHONIA LIGHTING #RSX1 LED P2 30K R5		✓
P6	REPLACE EXISTING EXTERIOR POLE SINGLE HEAD LAMP WITH NEW HIGH PERFORMANCE LED POLE LUMINAIRE, TYPE RS DISTRIBUTION, FULL CUT-OFF. EXISTING POLE OVERALL HEIGHT IS 7.32m. FIXTURE FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	72.95W LED 9188LM AND 347V DRIVER, 3000K, 70CRI, TYPE VS, BUG RATING: B4-U0-G2	LITHONIA LIGHTING #RSX1 LED P2 30K R5		✓
P7	REPLACE EXISTING EXTERIOR POLE SINGLE HEAD WITH NEW HIGH PERFORMANCE FLOODLIGHT LUMINAIRE, TYPE RS DISTRIBUTION, FULL CUT-OFF. EXISTING POLE OVERALL HEIGHT IS 7.32m. FIXTURE FINISH AS PER ARCHITECT'S SELECTION. APPLICATION: SITE	275.14W LED 37008LM AND 347V DRIVER, 3000K, 70CRI, TYPE VS, BUG RATING: B5-U0-G1	LITHONIA LIGHTING #RSXF4 LED P1 30K NFL		✓

NOTES:
 1. ONLY "SHIELDED" LIGHTING FIXTURES ARE PERMITTED FOR ALL DEVELOPMENT AND MUST CONFORM TO THE ENGINEER CERTIFIED LIGHTING PLAN.
 2. ALL LIGHTING FIXTURES TO BE DARKSKY COMPLIANT TO THE SATISFACTION OF LOCAL AHA.

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REGISTERED PROFESSIONAL ENGINEER
 D. JAIN
 MAR. 20' 2023
 PROVINCE OF ONTARIO
 23-117

PROJECT NORTH

No.	Date	Version	Dwn.
2.	20 MAR. 2023	ISSUED FOR SPA	M.J.
1.	17 FEB. 2023	ISSUED FOR SPA	M.J.

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PROJECT:
SHOELESS JOE'S RESTAURANT
 1444 HUGEL AVE
 MIDLAND, ONTARIO

DRAWING TITLE:
SITE PLAN LIGHTING

DRAWN BY: MJ	DATE: 17 FEB. 2023
CHECKED BY: LL	SCALE: AS NOTED
PROJECT NO.: 21-37	DRAWING NO.: E101