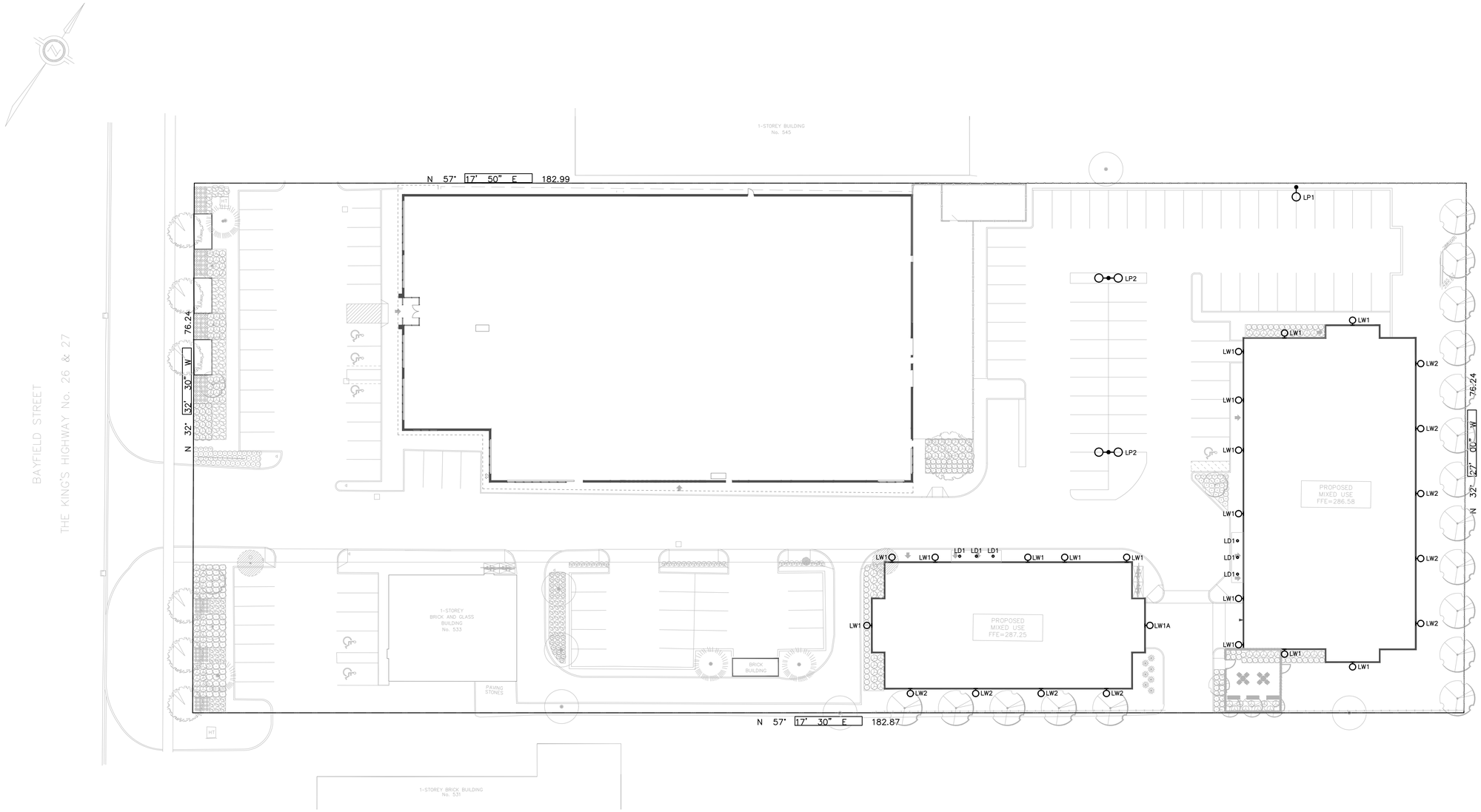

Issue	Date	Description	By
01	13 MAR 2023	ISSUED FOR SPA	FC

Rev.	Date	Description	By

CONSULTING ENGINEERS
LIGHTING - ELECTRICAL
596 CITYVIEW BLVD, SUITE 204/205
VAUGHAN, ONTARIO, CANADA L4H 5M7
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LICENSED PROFESSIONAL ENGINEER
MAR 13,2023
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PROVINCE OF ONTARIO

CERTIFIED ENGINEERING TECHNOLOGIST
OACETT
ONTARIO
GABRIEL G. MOSELIO
No 57663

Professional Certification

SITE PLAN APPROVAL
Issued for

JANUARY 06, 2023	1 : 300	
Issue date	Scale	
22-294	F.C.	F.C.
Project no.	Drawn by	Checked by

Mixed Use Buildings
Buildings 3 & 4

535 Bayfield Street, Barrie, Ontario

OWNER: Petro Gold Ltd.

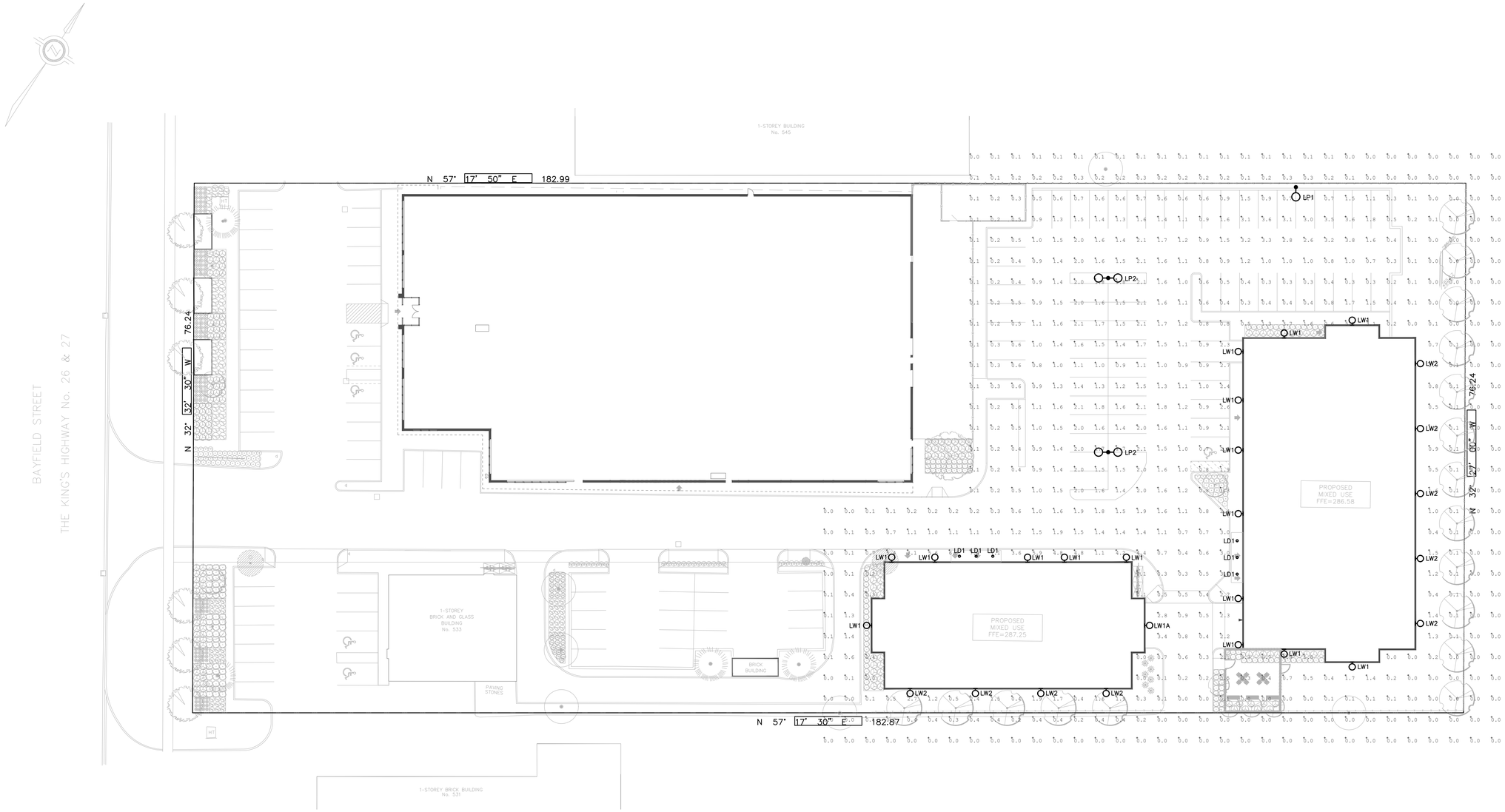
Project

LIGHTING SITE PLAN

Drawing Title

E001

Sheet no.



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Project

LIGHTING SITE PLAN ANALYSIS

Drawing Title

E002

Sheet no.

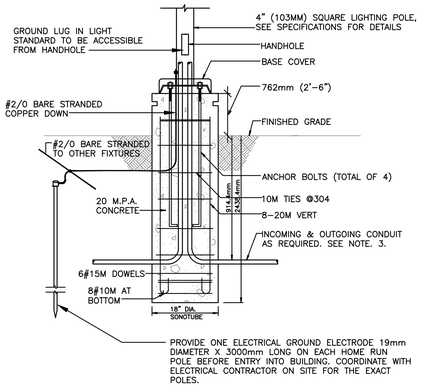
LUMINAIRE SCHEDULE							
SYMBOL	LABEL	ARRANGEMENT	LUMENS PER LAMP	TOTAL WATTAGE	LLF	MOUNTING HEIGHT	MANUFACTURER
○●	LP1	SINGLE	7371	90	0.9	18'–6"	HUBBEL LIGHTING: CAT# ASL1–160L–100–4K7–4W–BC
○●○	LP2	SINGLE	6212	49.7	0.9	18'–6"	HUBBEL LIGHTING: CAT# ASL1–80L–50–4K7–4W–U
⚲	LW1	SINGLE	1466	13.8	0.9	8'–0"	LIGMAN LIGHTING: CAT# LEW–30011–T4–W40
⚲	LW1A	SINGLE	1466	13.8	0.9	10'–0"	LIGMAN LIGHTING: CAT# LEW–30011–T4–W40
⚲	LW2	SINGLE	610	7.6	0.9	8'–0"	LIGMAN LIGHTING: CAT# LEW–30001–T3–W40
○	LD1	SINGLE	1225	13.8	0.9	9'–0"	PRESCOLITE: CAT# LBRST–4RD–M–LS–SL–CWCS9–WH

CALCULATION SUMMARY							
LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
SITE	ILLUMINANCE	Fc	1.45	2.1	0.2	7.25	10.5
LIGHT SPILL	ILLUMINANCE	Fc	0.06	0.4	0.0	N/A	N/A

1 E003 LUMINAIRE SCHEDULE & STATISTICS
SCALE: N.T.S.

NOTES:

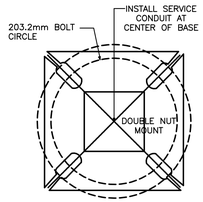
1. PROVIDE ALL WORK ASSOCIATED WITH THIS DETAIL. FINISH TO SUIT ARCHITECT'S REQUIREMENTS. EXACT LOCATION OF POLE MOUNTED LUMINAIRES TO BE COORDINATED WITH ARCHITECTURAL SITE PLAN.
2. REFER TO STRUCTURAL DRAWINGS FOR DETAILS OF BASE. THE BASE SHALL BE PROVIDED BY DIVISION 16 IN ACCORDANCE WITH DETAILS OF DIVISION 3.
3. ELECTRICAL CONTRACTOR TO SIZE CONDUIT/FEEDER TO SUIT. REFER TO SITE PLAN FOR DETAILS.



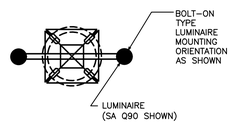
2 E003 LIGHTING POLE BASE DETAIL
SCALE: N.T.S.

NOTES:

1. INSTALL BOLTS ACCURATELY CENTERED WITHIN 1/16" OF NOMINAL POSITION FOR PROPER FIT WITH BASE.



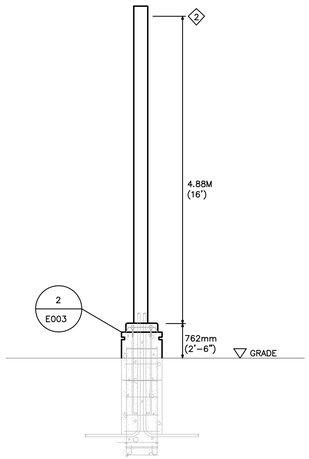
SQUARE BASE PATTERN



3 E003 ANCHOR BOLTS DETAIL
SCALE: N.T.S.

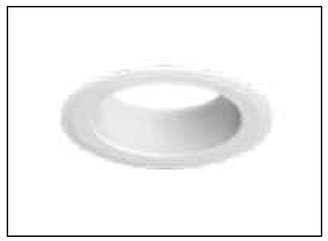
NOTES:

1. PROVIDE 4" (103MM) SQUARE POLE TO SUIT.
2. HEIGHT TO CENTER OF LUMINAIRE OPTICS.



4 E003 POLE DETAIL
SCALE: N.T.S.

5 E003 POLE MOUNTED LUMINAIRE TYPE LP1/LP2
SCALE: N.T.S.



6 E003 RECESSED LUMINAIRE TYPE LD1
SCALE: N.T.S.

7 E003 WALL MOUNTED LUMINAIRE TYPE LW1/LW1A
SCALE: N.T.S.

8 E003 WALL MOUNTED LUMINAIRE TYPE LW2
SCALE: N.T.S.

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LIGHTING SITE PLAN DETAILS

Drawing Title

E003

Sheet no.