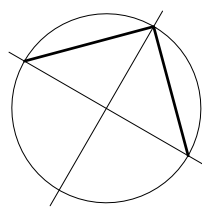


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Revisions

No.	By	Description	Date
04	BK	ISSUED FOR SPA	2026-06-25
03	BK	ISSUED FOR REVIEW	2026-06-12
02	BK	ISSUED FOR COORDINATION	2025-10-29
01	BK	ISSUED FOR COORDINATION	2025-08-20

Project

WO MW REALTY LIMITED OFFICE GROUP SITE PLAN APPLICATION NEW MILLER WASTE FACILITY

3145 CONROY ROAD, OTTAWA, ON

Drawing

ELECTRICAL PHOTOMETRIC SITE PLAN OVERALL

Scale

AS NOTED

Stamp

Drawn

BD

Checked

BK

Plan # 15862

File # D07-12-25-0107

Project No.

25-000-087

Drawing No.

Date

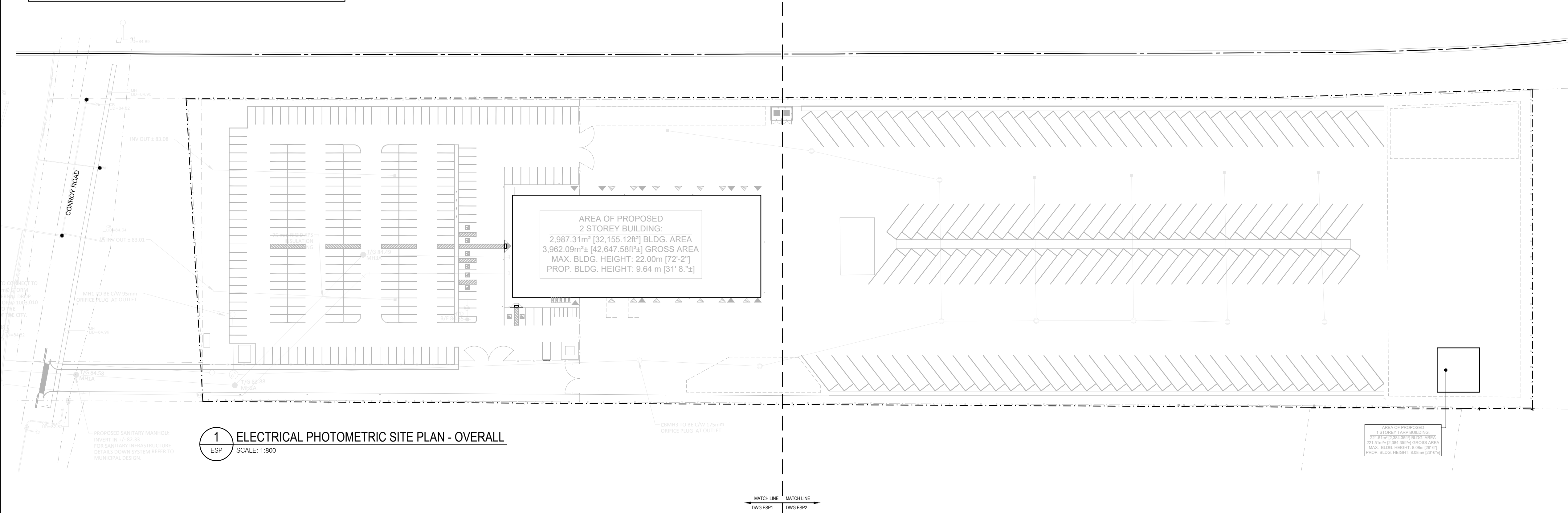
MAY 2025

ESP



GENERAL NOTES : PHOTOMETRIC DRAWING

- ALL CALCULATIONS POINTS ARE TAKEN AT GROUND LEVEL AND ARE IN FOOTCANDLES.
- TOTAL MOUNTING HEIGHT FOR ALL PARKING LOT/SITE LIGHTS IS 33' (10m).
- TOTAL MOUNTING HEIGHT FOR ALL BUILDING LIGHTS IS 20' (6m).
- ALL LIGHTS ARE FULL CUT-OFF/DARK SKY FRIENDLY.

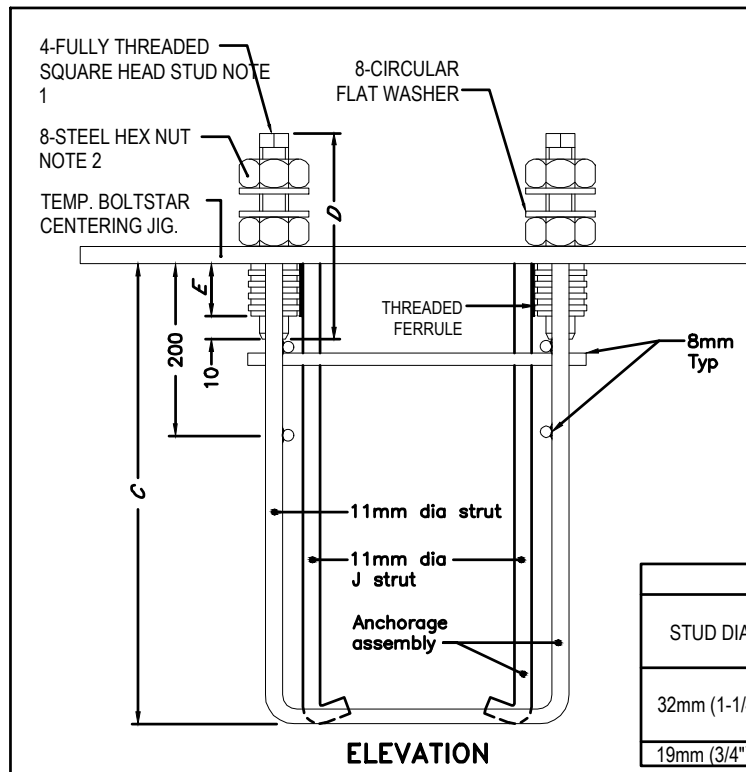
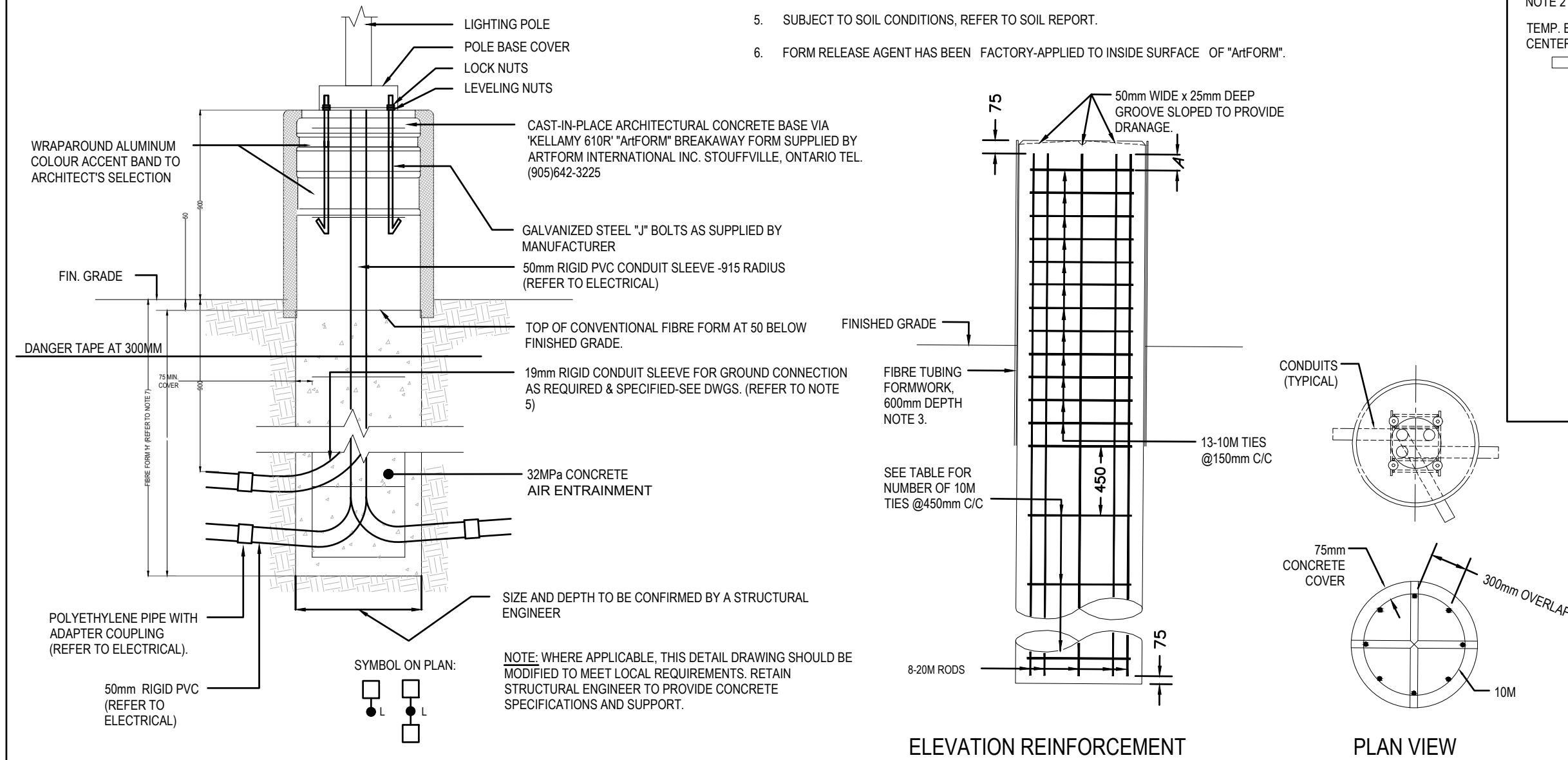


NOTE:

- CONCRETE BASES FOR LUMINAIRES TO BE SUPPLIED AND INSTALLED BY THIS ELECTRICAL CONTRACTOR.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS OR METERS.
- CLASS OF CONCRETE SHALL BE 32MPa AIR ENTRAINMENT.
- MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.
- CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES. CONTRACTOR TO PROVIDE STRUCTURAL ENGINEER APPROVAL FOR BASE DESIGN.
- SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.
- FORM RELEASE AGENT HAS BEEN FACTORY-APPLIED TO INSIDE SURFACE OF "XIFORM".



NOTE:

- STUDS SHALL BE FACTORY SET WITH PRE-APPLIED THREAD LOCKING COMPOUND AND SHALL REMAIN IN PLACE DURING FOOTING AND POLE INSTALLATION.
- ASSEMBLY NUTS SHALL BE SHIPPED HAND TIGHT ONLY.
- THE WELDS SHALL DEVELOP THE STRENGTH OF THE STRUTS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

ASSEMBLY DIMENSIONS					
STUD DIA D	STUD LENGTH A	BOLT CIRC. B	STUD DISTANCE C	FERRULE LENGTH E	ANCHORAGE DEPTH F
32mm (1-1/4")	230	406	287	75	250mm FOR STRUCTURES
19mm (3/4")	180	190	135	38	305

TYPICAL CONCRETE BASE FOR LUMINAIRE N.T.S.

POLE LENGTH m	BURIAL DEPTH H m	ROD LENGTH m	A mm	NO. OF 10M TIES @450mm C/C	BOLT CIRCLE DIA FOR METAL POLES		
					ALUMINUM	STEEL	SECTIONAL STEEL
5.6	2.15	2.00	100	3	N/A	N/A	449
7.0	2.15	2.00	100	3	N/A	N/A	449
7.5	2.15	2.00	100	3	406	406	N/A
8.7	2.45	2.30	250	3	406	N/A	449
9.0	2.45	2.30	0	4	406	406	N/A
10.5	2.50	2.45	100	4	406	406	449
12.0	2.75	2.60	150	4	406	406	N/A
13.6	2.90	2.75	0	5	406	406	N/A
15.1	3.05	2.90	100	5	406	406	N/A

LIGHT FIXTURE SCHEDULE

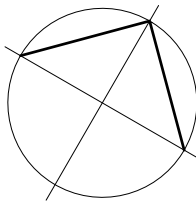
TYPE	DESCRIPTION
A	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A DOUBLE (2) LED LUMINAIRES WITH TYPE IV DISTRIBUTION PATTERN, 347V OUTDOOR USE DRIVER ON A 30" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS, BE FULL CUT OFF AND DARK-SKY FRIENDLY. SOLERA CORP. HAZE-1-166W-HLV-3500K-TY-IV-CC
A2	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A DOUBLE (2) LED LUMINAIRES WITH A TYPE V SQUARE DISTRIBUTION PATTERN, 5' MAST ARM, 347V OUTDOOR USE DRIVER ON A 30" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS, BE FULL CUT OFF AND DARK-SKY FRIENDLY. SOLERA CORP. HAZE-2-300W-HLV-3500K-TY-VS-CC-SMA
A3	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A TRIPLE (3) LED LUMINAIRES MOUNTED AT 90° WITH A TYPE V SQUARE DISTRIBUTION PATTERN, 5' MAST ARM, 347V OUTDOOR USE DRIVER ON A 30" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS, BE FULL CUT OFF AND DARK SKY FRIENDLY. SOLERA CORP. HAZE-2-300W-HLV-3500K-TY-VS-CC-SMA
B	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE IV DISTRIBUTION PATTERN, 5' MAST ARM, 347V OUTDOOR USE DRIVER ON A 30" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS, BE FULL CUT OFF AND DARK-SKY FRIENDLY. FIXTURE TO BE C/W HOUSE SIDE SHIELD. SOLERA CORP. HAZE-1-200W-HLV-3500K-TY-IV-HCO-CC-SMA
C	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE II DISTRIBUTION PATTERN, 347V OUTDOOR USE DRIVER ON A 30" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS, BE FULL CUT OFF AND DARK-SKY FRIENDLY. FIXTURE TO BE C/W HOUSE SIDE SHIELD. SOLERA CORP. HAZE-1-166W-HLV-3500K-TY-IV-HCO-CC
W	WALL MOUNTED LUMINAIRE CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE IV DISTRIBUTION PATTERN, 347V OUTDOOR USE DRIVER AND WALL MOUNT ADAPTER. COLOUR OF FINISH OF HEAD TO ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS BE FULL CUT OFF AND DARK-SKY FRIENDLY. FIXTURE TO BE MOUNTED AT 20' A.F.F. SOLERA CORP. HAZE-1-166W-HLV-3500K-TY-IV-CC-WM
W1	WALL MOUNTED LUMINAIRE CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE IV DISTRIBUTION PATTERN, 347V OUTDOOR USE DRIVER AND WALL MOUNT ADAPTER. COLOUR OF FINISH OF HEAD TO ARCHITECT/OWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS BE FULL CUT OFF AND DARK-SKY FRIENDLY. FIXTURE TO BE MOUNTED AT 20' A.F.F. SOLERA CORP. HAZE-1-80W-HLV-3500K-TY-IV-CC-WM

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OFFICE GROUP
SITE PLAN APPLICATION
NEW MILLER WASTE FACILITY

3145 CONROY ROAD, OTTAWA, ON

Drawing

ELECTRICAL
PHOTOMETRIC SITE PLAN -
PART 1

Scale AS NOTED

Stamp

Drawn BD

Checked BK

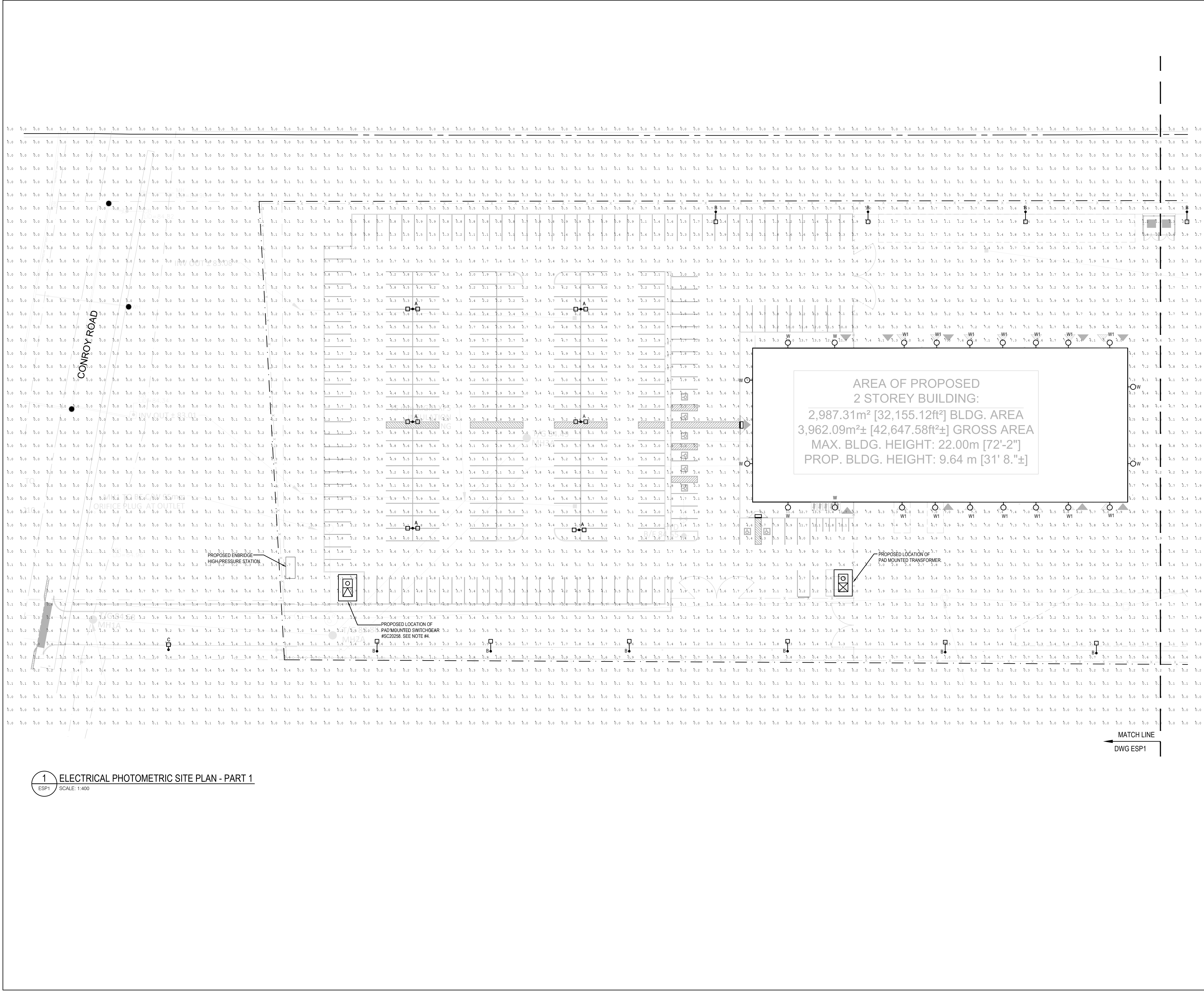
Plan # 15862
File # D07-12-25-0107

Project No. 25-000-087

Drawing No.

Date MAY 2025

ESP1





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1 ELECTRICAL PHOTOMETRIC SITE PLAN - PART 2
ESP2 SCALE: 1:400

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OFFICE GROUP
SITE PLAN APPLICATION
NEW MILLER WASTE FACILITY

3145 CONROY ROAD, OTTAWA, ON

Drawing

ELECTRICAL PHOTOMETRIC SITE PLAN - PART 2

Scale

Stamp

AS NOTED

Drawn

BD

Check

BK

Plan # 15862

File # D07-12-25-0107

Project No.

Drawing No.

25-000-087

Date _____

MAY 2025

ESP2

