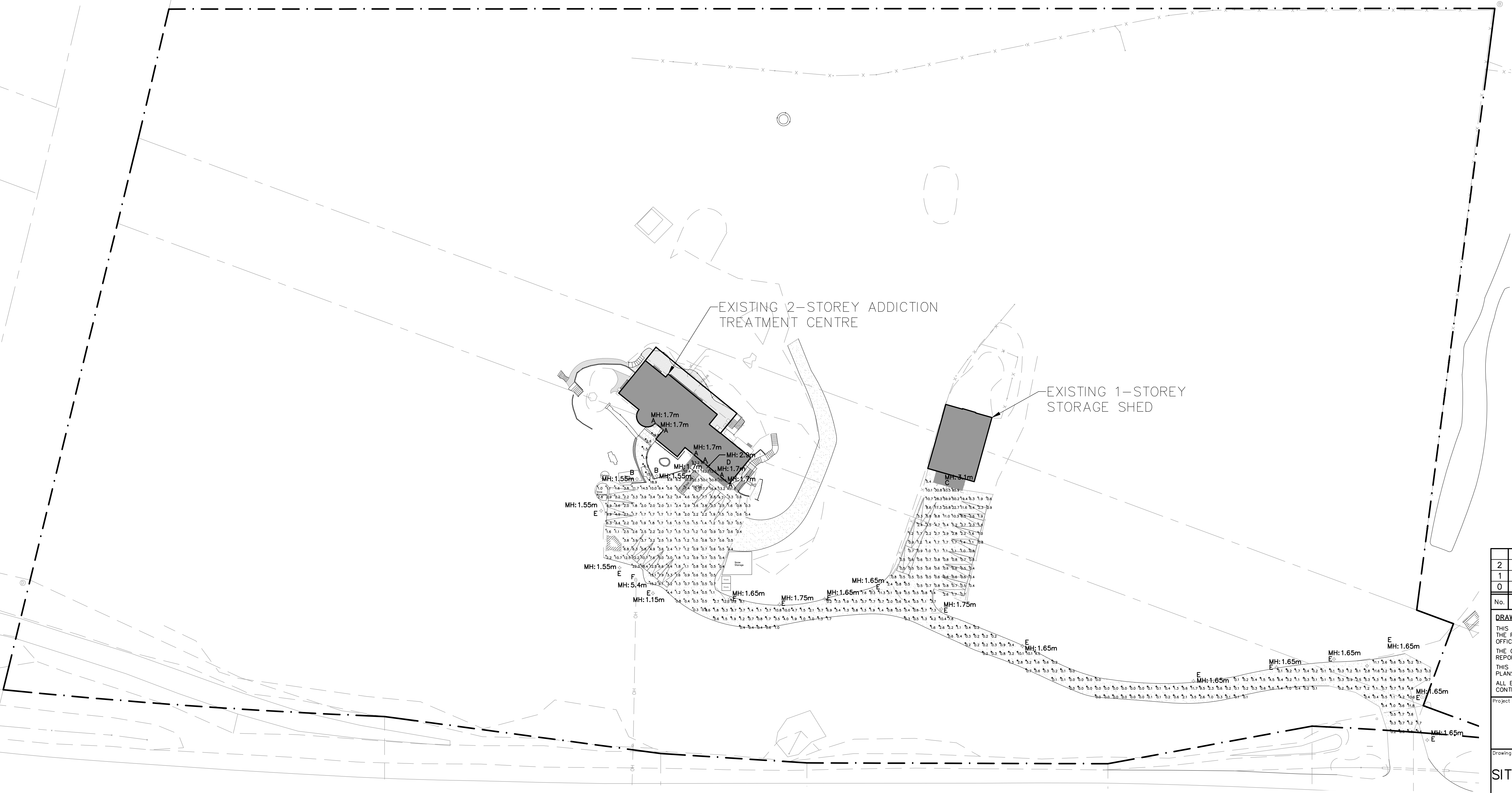
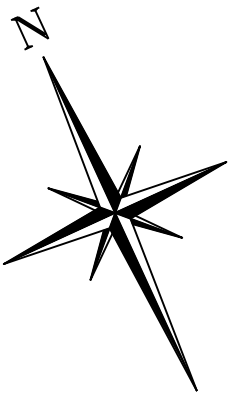


ELECTRICAL LEGEND	
LIGHTING	
	EXISTING LIGHT BOLLARD FIXTURE (X = FIXTURE TYPE)
	EXISTING WALL PACK LIGHT FIXTURE (X = FIXTURE TYPE)
	EXISTING WALL SCONCE LIGHT (X = FIXTURE TYPE)
LINETYPES	
	PROPERTY LINE
ABBREVIATIONS	
MH	MOUNTING HEIGHT
N.T.S.	NOT TO SCALE

ELECTRICAL DRAWING LIST	
E100	SITE PLAN – PHOTOMETRIC (EXISTING)
E101	SITE LIGHTING DETAILS (EXISTING)

PLEASE NOTE THAT FIXTURES SHOWN IN THIS PACKAGE ARE DIFFERENT TO WHAT IS INSTALLED IN THE FIELD DUE TO LACK OF EXISTING LUMINAIRE SPECIFICATIONS AND ACCURATE IES FILES, AS WELL AS INACCURACIES IN FIELD MEASUREMENTS. BEST JUDGEMENT WAS USED TO MODEL EXISTING SITE LIGHTING CONDITIONS.



2	ISSUED FOR SECOND SUBMISSION ZBA	2025/JAN/29
1	ISSUED FOR FIRST SUBMISSION ZBA	2024/JUN/11
0	DRAFT FOR REVIEW	2023/OCT/03
No.	ISSUE / REVISION	YYYY/MMM/DD

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ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project
**5483 TRAFALGAR ROAD
TOWN OF ERIN**

Drawing
SITE PLAN – PHOTOMETRIC (EXISTING)

Drawn	T.S.D.
Design	T.S.D.
Project No.	2533-6826
Check	Check
P.W.	Scale
1:500	Dwg. E100

SITE PLAN – PHOTOMETRIC (EXISTING)

SCALE: 1:250



SCALE: 1:500

GENERAL NOTE:

1. EXACT LOCATION AND MOUNTING HEIGHT OF ALL FIXTURES IS NOT EXACT DUE TO INACCURACIES OF FIELD MEASUREMENTS FROM EQUIPMENT AND UNEVEN TERRAIN.

LUMINAIRE STATISTICS									TARGET VALUES			
LABEL	SYMBOL	CALC. TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN	ROADWAY TYPE CLASSIFICATION	AVG	AVG/MIN	MAX/MIN
WEST PARKING LOT	×	ILLUMINANCE	LUX	3.3	22.3	0.3	11.0:1	*74.3:1	PARKING LOT	2.0	N/A	20:1
EAST PARKING LOT	+	ILLUMINANCE	LUX	6.4	93.5	0.4	15.9:1	*233.8:1	PARKING LOT	2.0	N/A	20:1
DRIVEWAY	*	ILLUMINANCE	LUX	*2.0	12.5	0.0	*N/A	N/A	LOCAL/LOW	4.0	6.0:1	N/A
BUILDING MAIN ENTRANCE	+	ILLUMINANCE	LUX	112.7	701.1	4.7	*24.0:1	N/A	LOCAL/LOW	4.0	6.0:1	N/A
BUILDING SIDE ENTRANCE	*	ILLUMINANCE	LUX	8.8	18.9	1.5	5.9:1	N/A	LOCAL/LOW	4.0	6.0:1	N/A

GENERAL NOTES:

1. *PLEASE NOTE THAT THE UNIFORMITY AVG, AVG/MIN, MAX/MIN AS PER RP-8 IS EXCEEDING THE TARGET VALUES DUE TO THE DISTANCE BETWEEN EXISTING FIXTURES AND THE MOUNTING HEIGHT OF EXISTING FIXTURES.
2. PLEASE NOTE THAT DUE TO ASSUMPTIONS OF EXISTING LUMINAIRE SPECIFICATIONS, LUMINAIRE STATISTICS PRESENTED ABOVE MAY DIFFER FROM ACTUAL SITE CONDITIONS.

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	MANUFACTURER	CATALOG NUMBER	LIGHT LOSS FACTOR	MOUNTING HEIGHT	WATTAGE	DESCRIPTION
♀	A	EXISTING	EXISTING	0.80	MOUNTED AT 1.7m (5.6')	30W	DECORATIVE SCONCE WALL PACK WITH TWO (2) 640 LUMEN LEDs AT 5000K CCT.
⬤	B	EXISTING	EXISTING	0.80	MOUNTED AT 1.55m (5.1')	15W	DECORATIVE BOLLARD WITH 640 LUMEN LED, 5000K CCT, AND CLEAR GLASS LENS.
⬢	C	EXISTING	EXISTING	0.80	MOUNTED AT 3.1m (10.2')	37W	WALL PACK, WITH TYPE 4 DISTRIBUTION, ROUGHLY 4800 LUMEN PACKAGE, AND 4000K CCT.
⬢	D	EXISTING	EXISTING	0.80	MOUNTED AT 2.9m (9.5')	27W	WALL PACK, WITH TYPE 4 DISTRIBUTION, ROUGHLY 3400 LUMEN PACKAGE, AND 4000K CCT.
⬤	E	EXISTING	EXISTING	0.75	SEE SHEET E100	15W	DECORATIVE BOLLARD WITH 640 LUMEN LED, 5000K CCT, AND FROSTED GLASS LENS.
⬢	F	EXISTING	EXISTING	0.80	MOUNTED AT 5.0m (16.4')	27W	WALL PACK, WITH TYPE 4 DISTRIBUTION, ROUGHLY 3400 LUMEN PACKAGE, AND 4000K CCT.

THE FOLLOWING NOTATIONS APPLY TO ALL LUMINAIRES IN SCHEDULE, UNLESS OTHERWISE NOTED:

1. EXISTING FIXTURES WERE MODELLED AS CLOSE AS POSSIBLE TO WHAT IS ON SITE. HOWEVER, DUE TO LIMITED INFORMATION, FIXTURES ARE NOT MODELLED EXACTLY AS THEY ARE ON SITE.
2. PLEASE NOTE THAT THE LUMINAIRE SPECIFICATIONS OF ALL EXISTING FIXTURES HAVE BEEN ESTIMATED BASED ON GENERAL VISUAL REVIEW OF EXISTING SITE CONDITIONS, AND WAS NOT ABLE TO BE VERIFIED.

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Project
5483 TRAFALGAR ROAD
TOWN OF ERIN

Drawing
SITE LIGHTING DETAILS (EXISTING)

Stamp

Stamp

C

CROZIER

CONSULTING ENGINEERS

Drawn	T.S.D.	Design	T.S.D.	Project No.	2533-6826
Check		Check	P.W.	Scale	N.T.S.
				Dwg.	E101