

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
01 Driveway	Illuminance	Lux	5.74	10.2	2.0	2.87	5.10
02 Parking Entrance North	Illuminance	Lux	6.15	8.1	4.1	1.50	1.98
02 Parking Entrance South	Illuminance	Lux	5.13	7.7	2.9	1.77	2.66
02 Parking North	Illuminance	Lux	3.79	6.9	2.0	1.90	3.45
02 Parking South	Illuminance	Lux	3.86	7.1	2.1	1.84	3.38
03 Pathway East	Illuminance	Lux	6.56	10.0	3.4	1.93	2.94
03 Pathway North	Illuminance	Lux	5.32	9.9	1.3	4.09	7.62
03 Pathway Rear North	Illuminance	Lux	2.64	3.7	1.9	1.39	1.95
03 Pathway Rear South	Illuminance	Lux	2.99	3.9	2.4	1.25	1.63
03 Pathway South	Illuminance	Lux	5.37	10.0	0.9	5.97	11.11
05 Loading Area	Illuminance	Lux	11.21	17.9	7.2	1.56	2.49
09 Property Line	Illuminance	Lux	0.00	0.0	0.0	N.A.	N.A.

1 ILLUMINANCE CALCULATION SUMMARY

E-1 SCALE: 1:500

ANSI/IES RP-8-21 RECOMMENDED PRACTICE: LIGHTING PARKING FACILITIES
TABLE 17-2. RECOMMENDED MAINTAINED ILLUMINANCE VALUES FOR PARKING LOTS

HORIZONTAL ILLUMINANCE	2.0 LUX	AVERAGE
UNIFORMITY RATIO	20:1	MAX:MIN

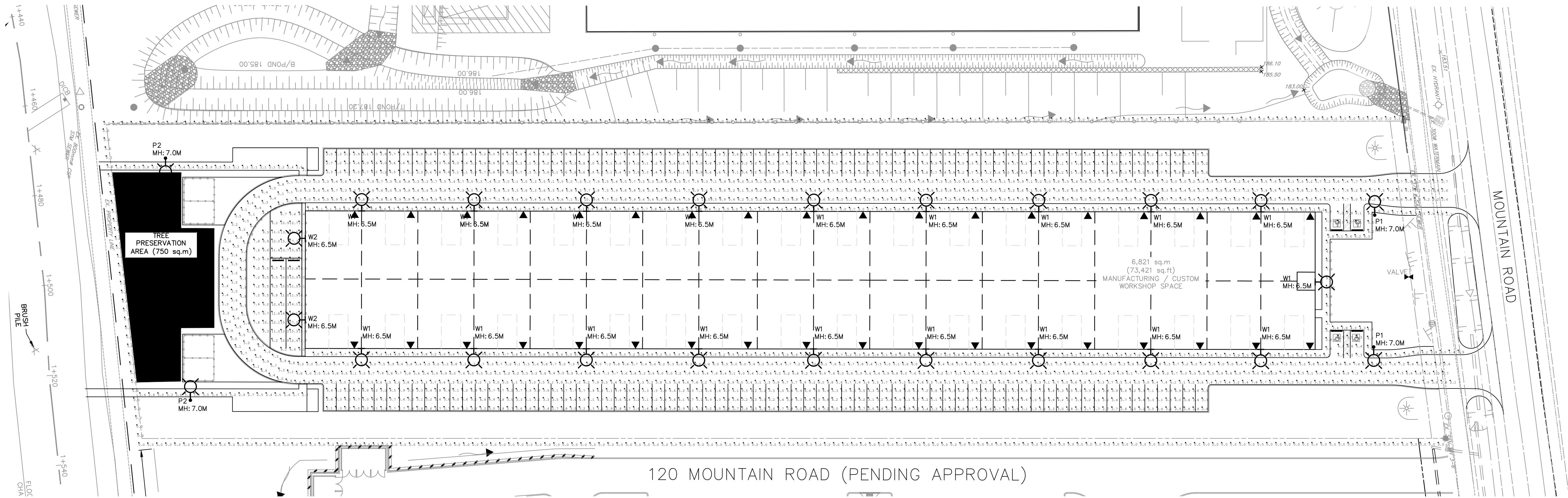
ANSI/IES RP-8-21 RECOMMENDED PRACTICE: LIGHTING PATHWAYS
TABLE 11-2. RECOMMENDED DESIGN CRITERIA FOR WALKWAYS

PEDESTRIAN ACTIVITY	LOW
HORIZONTAL ILLUMINANCE	2.0 LUX
UNIFORMITY RATIO	10:1
AVERAGE	AVG:MIN

2 ILLUMINATION TARGET VALUES (ANSI/IES RP8-21)

E-1 SCALE: 1:500

180 MOUNTAIN ROAD (CONSTRUCTION IN PROGRESS)



3 ELECTRICAL PHOTOMETRIC LAYOUT (ILLUMINATION SHOWN IN LUX)

E-1 SCALE: 1:500

ACCEPTED FOR
CONSTRUCTION
TOWN OF COLLINGWOOD

PER _____
DATE: _____

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BENCHMARKS

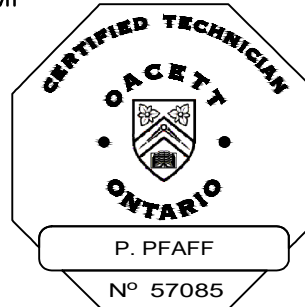
TBM2 - ELEVATION 189.765
NAIL & WASHER ON NORTH FACE OF HYDRO POLE
LOCATED ON NORTH SIDE OF MOUNTAIN ROAD JUST WEST OF EXISTING ACCESS TO SITE.

NOTES

LEGAL INFORMATION SHOWN FROM REGISTERED PLAN 51R-41847 BY ZUBEK, EMO, PATTEN & THOMSEN LIMITED, DATED NOVEMBER 16, 2018 AND SIGNED BY PAUL R. THOMSEN.

No.	REVISION DESCRIPTION	DATE
1.	1ST SUBMISSION	DEC 16/22

ENGINEER STAMP



140 MOUNTAIN ROAD
TOWN OF COLLINGWOOD

SITE PHOTOMETRICS

TATHAM
ENGINEERING

DESIGN: PP	FILE: 121036	DWG: E-1
DRAWN: RSB	DATE: DEC 2022	
CHECK: SRT	SCALE: AS NOTED	

