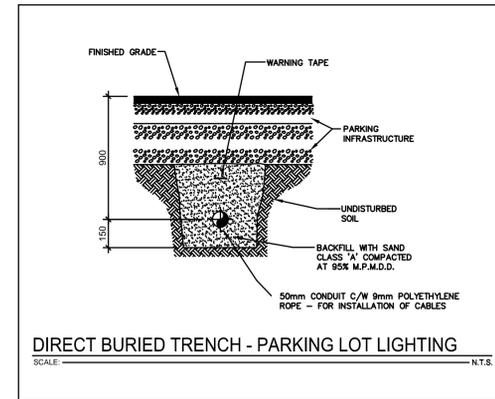
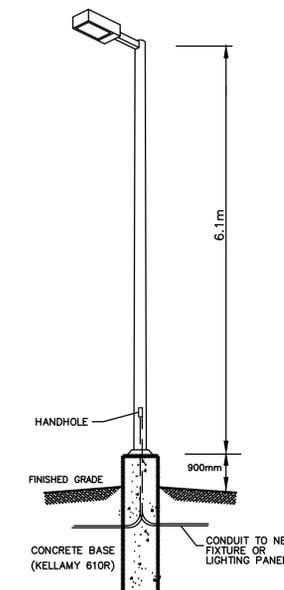


BILL OF MATERIALS	
CATALOG No.	DESCRIPTION
GAN-AE-01-LED-U-SL4-HSS-BK-4	59 WATT LED GALLEON FIXTURE, TYPE IV DISTRIBUTION AS MANUFACTURED BY EATON c/w 6.1m (20') SQUARE STEEL POLE. LIGHT P1
GAN-AE-01-LED-U-SL3-BK-4	59 WATT LED GALLEON FIXTURE, TYPE III DISTRIBUTION AS MANUFACTURED BY EATON c/w 6.1m (20') SQUARE STEEL POLE. LIGHT P2
KELLAMY 610R	CONCRETE BASE AS MANUFACTURED BY ARTFORM, OR EQUIVALENT.



GALLEON LIGHT FIXTURE  
(DARK SKY FRIENDLY,  
FULL CUT-OFF)



DETAIL - LIGHT STANDARD  
SCALE: N.T.S.



LEGEND:

- PROPOSED PARKING LOT LIGHT
- PROPOSED LIGHT CABLE
- PROPOSED GROUNDING

GENERAL NOTES:

- 1 THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS AND THE TOWN OF COLLINGWOOD STANDARDS SHALL GOVERN OVER THIS DRAWING.
- 2 ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- 3 ALL WORK AND MATERIALS TO CONFORM WITH CURRENT MINISTRY OF THE ENVIRONMENT & ENERGY OF ONTARIO, TOWN OF COLLINGWOOD AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS. LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
- 4 THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND COORDINATION WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- 5 THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION.

LIGHTING NOTES

1. PARKING LOT LIGHTS P1 AND P2 SHALL BE INSTALLED AS SHOWN. GALLEON FIXTURE ON A 6.1m (20') SQUARE STEEL POLE INSTALLED ON A CONCRETE BASE LOCATED 1.5m FROM FACE OF CURB.
2. CABLE SHALL BE 3-#6 RW90 COPPER + 1-#6 GRN INSTALLED IN 50mm TYPE II PVC CONDUIT.
3. WIRING OF LIGHTS TO BE COORDINATED WITH BUILDING ELECTRICAL CONSULTANT AND FED FROM PANEL IN ELECTRICAL ROOM.

NO.	DESCRIPTION	DATE	BY
1	SUBMITTED FOR APPROVAL	4/10/2019	DAP

**UBD UTILITY BOX DESIGNS**  
Residential + Commercial Development  
251 Roxton Road, Toronto, Ont M6G 3R1  
416 686 7500 dpoirier@utilitybox.ca

CLIENTS  
**TD CONSULTING**  
**TOWN OF COLLINGWOOD**

PROJECT NAME  
**1 LOCKHART ROAD  
COLLINGWOOD, ONTARIO**

DRAWING NAME  
**PARKING LOT LIGHTING DESIGN**

	DATE:	APRIL 2019
	SCALE:	1:250
	PROJ. No:	UBD-0412
	DWG. No:	SL-1



Symbol	Quantity	Catalog Number	Description	Filename	Light Loss Factor	Wattage
	1	GAN-AF-01-LED-U-SL4-HSS	59 WATT LED TYPE IV DISTRIBUTION c/w HOUSE SHIELD. LIGHT P1	GAN-AF-01-LED-U-SL4-HSS.ies	0.85	59
	1	GAN-AF-01-LED-U-SL3-HSS	59 WATT LED TYPE III DISTRIBUTION c/w HOUSE SHIELD. LIGHT P2	GAN-AF-01-LED-U-SL3-HSS.ies	0.85	59

**Statistics**

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Light Spillage	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
Parking Lot	+	0.6 fc	1.8 fc	0.1 fc	18.0:1	6.0:1

**Note**  
 1. LIGHT FIXTURES ARE LED, FULL CUT-OFF, DARK SKY FRIENDLY.  
 2. THE LIGHT SPILLAGE IS 0.0 fc.

