



NOTES:

- 1) CIRCUIT BREAKER INCLUDES AN ADAPTER KIT C/W 2 ADAPTER PLATES AND 4 MOUNTING SCREWS TO ACCOMMODATE HANDHOLES WITH 11" CENTRES.
- 2) USE 15 A CIRCUIT BREAKER FOR COMBINED LOAD EQUAL OR LESS THAN 1200 W.
- 3) USE 50 A CIRCUIT BREAKER FOR COMBINED LOAD OF GREATER THAN 1200 W.
- 4) CONNECT GROUND WIRE LOOP IN EACH HANDHOLE TO GROUND CONNECTOR (BOM ITEM 4).
- 5) WRAP INSULATED CONNECTORS WITH AT LEAST 2 LAPS OF PVC TAPE.
- 6) NEUTRAL AND GROUND ARE BONDED TOGETHER AT NEUTRAL-GROUND BAR AT THE BACK OF CIRCUIT BREAKER.
- 7) REFER TO STD. 30-3200 FOR FUSE ASSEMBLY INSTALLATION DETAIL.
- 8) REFER TO STD. 30-3820 FOR DETAILS OF UNDERGROUND SUPPLY DUCT INTO POLE APERTURE.

DISTRIBUTION CONSTRUCTION STANDARD
Street Lighting

**UNDERGROUND 120 V SUPPLY
TO POLE-MOUNTED LUMINAIRE
AT THE FIRST POLE WITH IN-POLE CIRCUIT BREAKER**



Approved By:
E.H. 2016-12-05
Drafted By:
B.W.

Designed By:
E.H.

Original Issue:
C.P. 2006-02-21

Scale:
N.T.S.

Rev:

4

30-3700

1/2

BOM LEGEND	
A	15 A SINGLE POLE CIRCUIT BREAKER
B	50 A SINGLE POLE CIRCUIT BREAKER

BILL OF MATERIALS FOR 30-3700				
ITEM NO.	DESCRIPTION	ITEM I.D.	QTY	
			A	B
1	CIRCUIT BREAKER 15A 1 POLE 120 V 22 kA IN-POLE TYPE 3R	9662036	1	-
2	CIRCUIT BREAKER 50A 1 POLE 120 V 22 kA IN-POLE TYPE 3R	9662037	-	1
3	CONNECTOR AL KIT #14 TO #2/0	7214022	4	4
4	CONNECTOR AL MAIN #1/0 - #8 TAP #2 - #14	9665361	1	1
5	FUSE 600 V 10 A 100 kA FAST-ACTING	7020006	1	1
6	FUSEHOLDER 600 V 30 A WATERTIGHT	7030139	1	1
7	CABLE 2C #12 SOL CU WITH #14 SOL CU BARE GND	7155155	13	13
8	CABLE #6 CU XLPE RW90 PVCJ WHITE 600 V	9663417	1	1
9	WIRE #2 19 STR CU	7105045	6	6
10	CONNECTOR $\frac{3}{4}$ " ROD TO #2 CU	7214201	2	2
11	ROD $\frac{3}{4}$ " X 10' GROUND STEEL GALVANIZED	2470102	2	2
OPEN BIN MATERIALS				
12	TAPE PVC $\frac{3}{4}$ "	7600001	+	+
ASSOCIATED STANDARDS				
13	SECONDARY BUS CABLES SELECTION TABLE	STD. 30-1300	+	+



+ AS REQUIRED

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