50 AMP OR AS SPECIFIED
BACK-FED MAIN BREAKER

RETAINING CLIP

WHEN SERVING FROM
TRANSFORMERS LARGER
THAN 50 KVA AN EVALUATION
OF INTERRUPT CAPACITY OF
THE SERVICE EQUIPMENT IS
REQUIRED.

BRANCH CIRCUITS
QTY MAY VARY

PANEL LAYOUT
N.T.S.

MINIMUM
10,000A/C

SIZE OF BRANCH CIRCUIT
MAXIMUM BREAKER SIZE *

#8 AWG COPPER 30AMP
#6 AWG COPPER 40AMP

* SIZE BASED ON ENSURING BREAKER WILL TRIP ON FAULTS AT END OF LONG CIRCUITS.

PROCEDURE:

1. OBTAIN ELECTRICAL PERMIT FROM TACOMA POWER FOR EACH ELECTRICAL SERVICE.

2. COMPLETE SERVICE PANEL INSTALLATION EXCEPT FOR ENTERING TRANSFORMER VAULT OR PAD. FOR SSB INSTALLATIONS, INSTALL CONDUIT AND WIRE INTO SSB.

3. PREFERRED PRACTICE IS TO OBTAIN SERVICE FROM SSB. CONTACT TACOMA POWER BEFORE SERVICING STREETLIGHTS FROM TRANSFORMER.

4. ARRANGE FOR ELECTRICAL INSPECTION AND CUT-IN BY TACOMA POWER (502-8277).

5. AFTER TACOMA POWER ACCEPTANCE OF SERVICE PANEL CONTACT THE UNDERGROUND RESIDENTIAL DISTRIBUTION (URD) OFFICE (502-8232) TO ARRANGE FOR CONDUIT AND CONDUCTOR ENTERANCE INTO TRANSFORMERS.

6. PRIMARY GRND. ROD MAY BE LOCATED OUTSIDE OF SERVICE ENCLOSURE IN GRND. ROD BOX.

7. DO NOT PENETRATE OUTER WALL OF ENCLOSURE WHEN MOUNTING EQUIPMENT HARDWARE.

APPROVED FOR PUBLICATION

CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS

STREETLIGHT SERVICE DETAIL
UNDERGROUND TYPE A
STANDARD PLAN NO. SL-08

CITY ENGINEER DATE