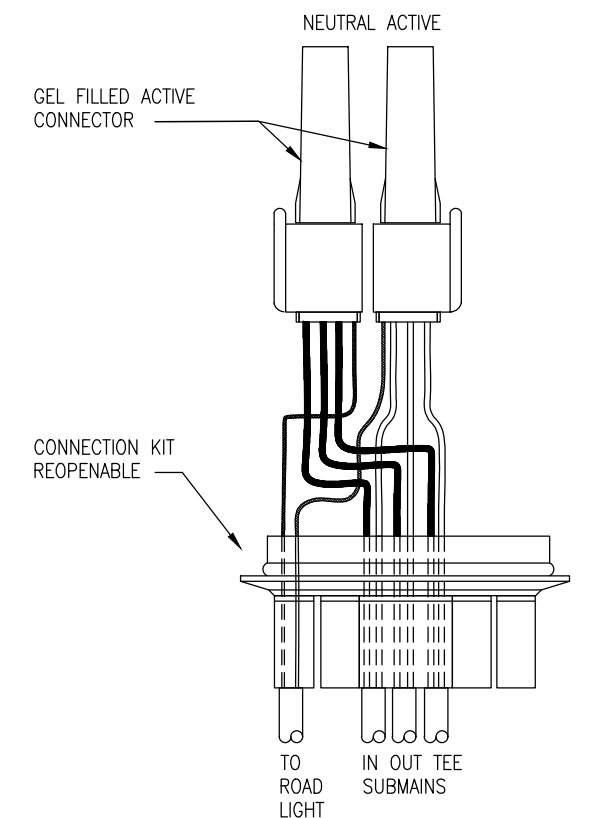


CROSS SECTION  
(N.T.S)

## RATE 3 STREET LIGHT CONNECTION FOR MULTIPLE STREET LIGHTS FROM UNMETERED RATE 3 SWITCHBOARD

### NOTES

- All dimensions shown are in mm.
- Dimensions shown are minimum only.
- RCD protection on lighting final subcircuit not required as per Ipswich City Council risk assessment and AS3000 2.6.3.2.1 Exception 5.
- Cable shall be suitable for underground installation.
- Circuit breaker type and rating shall be determined by the designer. Circuit breaker ratings depicted on the drawings are indicative only.
- Include drip loops of nominal 100mm radius.
- Provide tag "MAIN EARTH – DO NOT DISCONNECT".
- Fuse rating indicative only.
- Provide drip plate above the circuit breaker in the pole.
- Use conductivity grease for screwed and bolted electrical connections.
- Outgoing circuits may be single phase or three phase.
- Balance the street light electrical load across the phases of the supply.
- Cable size shown is the minimum allowable. Cable size to be determined by designer.
- Use bell joint method or other approved equal.
- Provide 1m service loop for each cable joined inside the pit.
- Maximum distance between the pits shall not exceed 50m.
- Maximum distance between the pole and the nearest pit shall be 3m.



BELL TYPE CABLE JOINT DETAIL  
SCALE N.T.S

REVISIONS					
AMENDMENT	INITIALS	DATE	AMENDMENT	INITIALS	DATE
F				L	
E				K	
D				J	
C	TM	17/05/18		I	
B	TM	16/03/18		H	
A	SGL	25/7/17		G	



**IPSWICH CITY COUNCIL**

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**STANDARD DRAWING**

RATE 3 PUBLIC LIGHTING  
MULTIPLE POLE INSTALLATION WITH  
UNMETERED 3 PHASE SUPPLY

LIGHTING

**SL.05**

REV: C DRAWER: 100