



FILL WEATHERHEAD WITH DUCT SEAL

LINE (BLACK) 347 VOLTS
NEUTRAL (WHITE)
#6 (typ) RW 90 OUTDOOR WIRE

WEATHER HEAD TO BE 150mm FROM NEUTRAL OR WITHIN 300mm OF THE TOP OF THE POLE UNLESS OTHERWISE INSTRUCTED BY NSPI

UPPER STRAPS MAY BE INSTALLED OR REMOVED BY NSPI DURING CONNECTION AND DISCONNECTING SERVICES IF THE STRAPS ARE WITHIN THE PRIMARY ZONE LIMITS OF APPROACH.

STRAPS LOCATED EVERY 760mm

32mm RIGID PVC CONDUIT

GALVANIZED CLOSE NIPPLE
TOP OF DISCONNECT TO BE MOUNTED AT 1700mm

STRAIN RELIEF (THOMAS AND BETTS CSL 304)

BUSHING AND LOCKNUTS TOP AND BOTTOM

HIGHWAY LIGHTING RELAY SEE DETAIL A

USE FOUR STRAPS ON 13mm CONDUIT

32mm FEMALE ADAPTER
32mm HUB

SQUARE D ENCLOSED BREAKER
32mm x 150mm GALVANIZED NIPPLE
BULLET HUB - TAB 373

TERMINAL ADAPTOR

RIGID PVC CONDUIT (32mm typ)
SIZE TO MATCH DESIGN PLANS OR EXISTING.
STRAPS SHALL BE INSTALLED USING 2" STAINLESS SCREWS

EXPANSION JOINT

#6 RW 90 GREEN WIRE TO GROUND PLATE
DO NOT USE GROUND RODS

IN-LINE FUSE KIT ELASTIMOLD 65U

#12 TERMINALS END STOPS

LONG LIFE PHOTO CELL INTERMATIC BRAND PART NO. EK4036S

SQUARE D ENCLOSED BREAKER (NO SUBSTITUTIONS)
FAL 26030 2 POLE BREAKER 30A 600V
SN100FA 100A NEUTRAL KIT
FA 100RB EEMAC 3R ENCLOSURE
B125 32mm HUB
PK0GTA2 GROUND LUGS

DETAIL A

BULLET HUB TAB 373

HOLE TO BE ALIGNED WITH HOLE IN DISCONNECT

TRANSFORMER PH50KP 347:120 OR EQUIVALENT

MANUFACTURER APPROVED JUMPERS

CONTACTOR - 3 POLE 40 A FURNAS 42CF35AF OR EQUIVALENT

NEMA 3R RELAY ENCLOSURE PART No.TCSM141007 C/W POLICE TYPE LOCK, AS SUPPLIED BY APX ENCLOSURES, OR EQUIVALENT.

BREAKER-5SX21068 (LITECO)
TERMINAL BLOCKS-8WA1011DH
END STOPS-8WA1808

RELAY CONTROL ASSEMBLY MUST BE CUL, CSA, OR ENTELA CERTIFIED

1	LONG LIFE PHOTO CELL
No.	REVISION

Scale : N.T.S.
Drawn by : P.HILL
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**TYPE C SERVICE - 347 VOLT SINGLE PHASE
HIGHWAY LIGHTING**