

INCLUDE PHOTO CELL AT
120 VOLT, 5060 HZ,
1000 WATT TWIST LOCK,
(INTERMATIC-
PART#: LC4521C).

LIGHT FIXTURE TO BE 150 WATT HPS AT 120 VOLT
AC, GE WITH P.E.COBRHEAD CUT OFF, (GENERAL
ELECTRIC-PART#: MDCA1551M21GMC). BULB SHOULD BE
150 WATT HPS, MOGUL BASE, (SYLVANIA -
PART#: 67516).
SUBSTITUTE:
LED LIGHTS SHALL BE CONSIDERED ON A CASE BY
CASE BASIS.

TAPERED BRACKET ARM 2" SLIPFITTER COMPATIBLE
WITH POLE DESIGN, WITH STRENGTH ADEQUATE FOR
1 SQ. FT. OF PROJECTED AREA AT END OF PIPE
FOR 120 MPH WIND

2 #6 AWG STRANDED THW. CU. WIRES
(SEE WIRING DIAGRAM FOR WIRE SIZES)

HAPCO ALUMINUM POLE
23-587 OR EQUAL

OPENING IN BASE 8 3/4" x 9 1/2" x 13" HIGH,
LOCATED OPPOSITE APPROACHING
TRAFFIC WITH COVER FASTENED
WITH STAINLESS STEEL SCREWS

APPROVED GROUND LUG
LOCATED OPPOSITE OPENING

#6 AWG STRANDED CU. BARE GROUND WIRE
(SEE WIRING DIAGRAM FOR WIRE SIZE)

APPROVED GROUND CLAMP FOR
CONNECTING POLE GROUND BARE
BOND WIRE AND GROUND ROD

1 #6 AWG. STRANDED CU. BARE GROUND BOND
WIRE CONNECTING ALL GROUND RODS TOGETHER
(SEE WIRE DIAGRAM FOR WIRE SIZE)

APPROVED GROUND ROD 5/8" Ø X 8' LONG
COPPER CLAD ROD AT EACH POLE

CONCRETE POLE BASE (SEE DETAIL STL6)

POLE BASE
12" x 15.5" x 20" HIGH

5A FUSE

PULL BOX

APPROVED GROUND CLAMP
FOR CONNECTING POLE
GROUND BARE BOND
WIRE AND GROUND ROD

26'-4"

8'

30'-0"

LIGHT FIXTURE DETAIL
N.T.S.

F:\WORK\ALL\CAD-DWG\STANDARDS\CMB_STANDARD_DETAILS\Public Works Manual\CMB Street Light