



RAISING AND LOWERING SCHEMATIC DIAGRAM

LIGHTING PLAN

ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2016 Rev 1

HIGH MAST LIGHTING POLE INTERNAL DRIVE WIRING DIAGRAM

OPSD 2453.180



NOTE:
A Male and female connectors for the motor shall be uniquely keyed to prevent mating with other connectors.

L1-Red
L2-Black
Neutral-White
Ground-Bare

Main power female connector
White
Red
Green
Black

Raising and lowering push button box
Raise
Lower

Lighting power male connector
Power cable
Stainless steel luminaire support ring

Motor control male connector

Main power female connector

High mast lighting pole

White
Black
Red
Green

Motor control male connector

Raise
Lower

240V
30V
O/L
Lower Coil
Raise Coil

Raise
Lower

Raise
Lower

240V motor
G
T1
T2

T1
T2
G

T1
T2
G

Motor power cable

Ground stud

Main power female connector

Raising and lowering push button box

Lighting power male connector

Stainless steel luminaire support ring

White
Red
Green
Black

White
Black
Red
Green

RAISE
LOWER
G
N
G

Red
Black

White
Red
Green
Black

Lower
Raise

Motor power cable

Raise
Lower

Raise
Lower

Motor

Raise
Lower