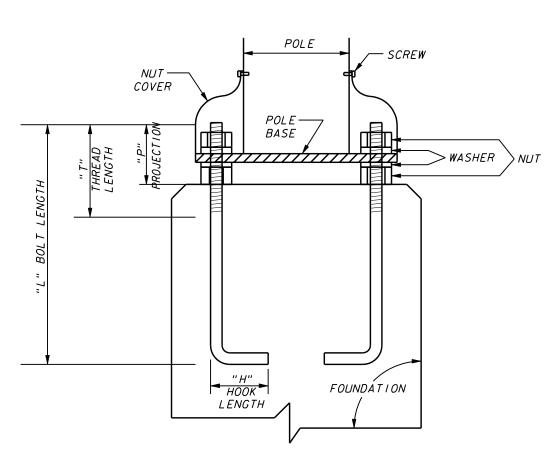


SCHEMATIC TYPE D 120/240 VOLTS - THREE WIRE

TYPE D SERVICE NOTES

Photocell and lighting contactor shall be located in the same UL type 3R enclosure with load center. There shall be a window on each side of enclosure to allow operation of photocell. Both photocell, contactor and breaker area shall have dead front trim. Type D load center with lighting controls shall have power distribution blocks for a minimum of 12, #2 conductors.

EXISTING ELECTRIC SERVICE PEDESTAL SCHEMATIC



NOTES:

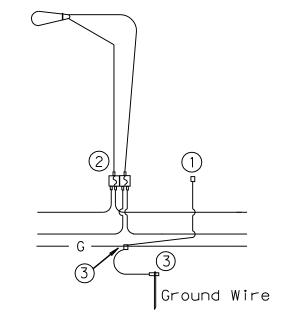
1. USE ANCHOR BOLT TEMPLATE FURNISHED BY POLE
MANUFACTURER FOR ANCHOR BOLT ALIGNMENT.

2. ALL EXPOSED HARDWARE TO BE STAINLESS STEEL.

TYPE NO.	BOLT DIA. (IN.)	LENGTH "L" (IN.)	" <i>H</i> "	THREAD "T" (IN.)	PROJECTION "P" (IN.)	
45	3/4	17	3 1/2	5 1/2	3 1/2	
47	1	36	4	6	4	

SUPPLY 2 NUTS & 2 WASHERS WITH EACH BOLT

ANCHOR BOLT DETAIL



FOR THREE-WIRE CIRCUIT-CENTER GROUNDED
LUMINAIRES SERVED AT 240V FOR 120/240 VOLT SERVICE
SINGLE FIXTURE

ANCHOR BOLT-FOUNDATION ¾" CHAMFER— MUST BE LEVEL FINISHED GRADE III III III III 1/4" DIA. SPIRAL REBAR 8" PITCH ON DIA. OF 4" LESS THAN SHAFT VERTICAL REINFORCEMENT-LOOSE DIRT, WATER EQUALLY SPACED ON AND DEBRIS TO BE INSIDE OF SPIRAL. REMOVED PRIOR (4) 1/2" BARS TO POUR DIAMETER OF DRILL SHAFT — A MINIMUM OF 12' OF #6 SD CU WIRE TO BE PLACED IN BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT. TYPE NO. DEPTH DIA. BOLT ANCHOR CONDUIT DISTANCE ACROSS BOLTS NO. DIM. "CC" DIM "BB" NO. DIM. "CC" DIM "BB" 1 60" 18" 9 1/2" 45 4 1/2" 6 3/4" 6 3/4" 2 60" 18" 9 1/2" 45 4 1/2" 3 72" 24" 11 1/2" 47 7 1/2 4 72" 24" 11 1/2" 47 7 1/2 8 3/6" DRILLED SHAFT FOUNDATION

<u>DRILLED SHAFT FOUNDATION</u>
<u>PLAN VIEW (ENLARGED)</u>

VARIABLE IN MEDIAN
SEE PLAN

DRILLED SHAFT ---

FOUNDATION

DIM. "CC"

CLEARANCE DIA. FOR

LOCATION

OF CONDUIT -

PROVIDE 24" PIGTAIL

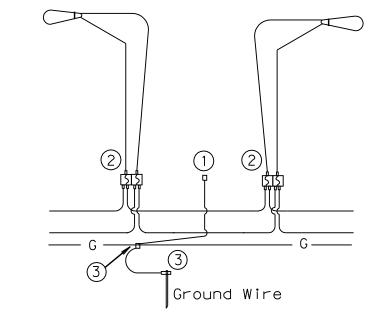
GROUND WIRE TO POLE ----

FOR CONNECTION OF

LINE THROUGH ANCHOR

BOLTS PERPENDICULAR

TO LUMINAIRE SUPPORT



FOR THREE-WIRE CIRCUIT-CENTER GROUNDED
LUMINAIRES SERVED AT 240V FOR 120/240 VOLT SERVICE

DOUBLE FIXTURE

NOTES:

- ① Use threaded, copper or tin-plated copper, pole bonding connector, sized appropriately for conductors.
- Double-Pole Inline fuse and connector, sized appropriately for conductors. Bussmann TRON HEY with 2A0660 & 2A0661 Insulating Boots and LIMITRON KTK-R fast acting fuses or equal 100W fixture use 1 amp fuses, 400 W fixture use 4 amp fuses.
- Split Bolt or other connector.

ELECTRICAL CONNECTION DETAIL



	REVISION	BY	
Addison!	TOWN OF ADDISON DALLAS COUNTY, TEXAS		
VING. DRAINA	GE & UTILITY IMPROV	EMI	 ₹ \

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

STREET LIGHT DETAILS

con	Consult	ing Engine eers - Designe	eers, Inc.	250 W. Southlake Blvd., Suite 117 Southlake, Tx 76092 (817) 552-6210				
PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET			
5029-01	ICE	ICE	OCT 01 2010	PW# 2010-02	16			