1. ALTERNATE #1: PROVIDE NEW PEDESTRIAN LIGHTING
HOLOPHANE POST TOP LUMINAIRE #AUCL2-P30-40K-AS
- BK-L3-S-P7-FPD85-HH RFD298604 HOLOPHANE POLE
#CMA15FTJ20P07ANOD-PROV RFD169829. INSTALL ON
EXISTING CONCRETE FOUNDATIONS AND RECONNECT TO
EXISTING BRANCH CIRCUITS AND CONTROLS. CONTRACTOR
TO FIELD VERIFY EXISTING BOLT PATTERNS AND MATCH WITH
NEW LIGHTING POLE ASSEMBLIES OR PROVIDE CUSTOM BOLT
RING. EXTEND CONDUIT AND WIRING AS REQUIRED.

ALTERNATE #2: REPLACE EXISTING CONCRETE
FOUNDATIONS AND UNDERGROUND BRANCH CIRCUITS.
PROVIDE NEW LIGHT FIXTURES. PROVIDE INTEGRAL OR
EXTERNALLY MOUNTED OCCUPANCY SENSOR AND
PHOTOCELL CONTROLS. REFER TO SPECIFICATIONS FOR
CONTROL SEQUENCE REQUIREMENTS. UTILIZE EXISTING
CIRCUIT BREAKERS AT PANEL IN BUILDING.

2. ALTERNATE #1: PROVIDE NEW LED FLOOD LIGHT ON POST
TOP (LITHONIA LIGHTING #RSXF1LED-P3-30K-WFL
- MVOLT-IS-FAO-DDBXD OR APPROVED ALTERNATE). INSTALL
ON EXISTING CONCRETE FOUNDATION AND RECONNECT TO
EXISTING BRANCH CIRCUITS. PROVIDE CUSTOM BOLT RING.
EXTEND CONDUIT AND WIRING AS REQUIRED. OWNER TO
PROVIDE PUSH BUTTON CONTROL ON LIGHT FIXTURE POLE.

ALTERNATE #2: REPLACE EXISTING CONCRETE
FOUNDATIONS AND UNDERGROUND BRANCH CIRCUITS.
PROVIDE NEW LIGHTS. OWNER TO PROVIDE PUSH BUTTON
CONTROL ON LIGHT FIXTURE POLE. UTILIZE EXISTING
CIRCUIT BREAKERS AT PANEL IN BUILDING.

3. ALL ELECTRICAL WIRING AND RACEWAYS SHALL BE ROUTED
AROUND THE PERIMETER OF ARTIFICIAL TURF OF THE FIELD
AS SHOWN. DO NOT RUN ELECTRICAL UNDERGROUND
FEEDERS UNDER THE FIELD OF PLAY. PATCH AND REPAIR
ALL DISTURBED SURFACES TO MATCH EXISTING.

4. PROVIDE UNDERGROUND ELECTRICAL BRANCH CIRCUITS
FROM SPORTS LIGHTING RELAY PANEL IN ENCLOSURE TO
CONNECTION POINT ON ATHLETIC FIELD LIGHTING ASSEMBLY
AWG COPPER CONDUCTORS PLUS (1)#2/0 GROUND.

5. EXISTING/NEW UTILITY PAD MOUNTED TRANSFORMER BY
LOCAL UTILITY. CONTRACTOR TO PROVIDE NEW CONCRETE
PAD FOR UTILITY TRANSFORMER AND SPORTS LIGHTING
RELAY CABINET. CONTRACTOR TO MAKE APPLICATION TO
LOCAL UTILITY FOR MODIFICATIONS OF EXISTING SERVICE.
COORDINATE EXACT REQUIREMENTS WITH LOCAL UTILITY
AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

6. NEW SERVICE ENCLOSURE. SEE DETAIL 4/E3.1 AND
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

7. NEW ATHLETIC FIELD LIGHTING CONTROLS PANEL MOUNTED
IN SERVICE ENCLOSURE. SEE DETAIL 4/E3.1 AND
SPECIFICATIONS FOR MORE INFORMATION.

8. PROVIDE WEATHER PROOF GFCI RECEPTACLE IN SPORTS
LIGHTING ASSEMBLY POLE. CONTROL RECEPTACLE VIA
PROGRAMMABLE ASTRONOMICAL TIME CLOCK. SEE DETAIL
4/E3.1 FOR ADDITIONAL INFORMATION.

9. PROVIDE A 1 1/4" CONDUIT WITH (2) #4 PLUS (1) #4 GROUND
FROM ELECTRICAL PANEL TO GFCI RECEPTACLE. CONTROL
RECEPTACLE CIRCUIT FED FROM PANEL L1 VIA
PROGRAMMABLE TIME CLOCK.
Lighting Assembly Detail

1. Typical Lighting Assembly Base Detail

2. Lighting Assembly Detail

- Lighting Standard
- Handhole with Cover
- In-Line Fusing
- Ground Lug
- Base Cover
- Base Plate and Anchor Bolts by Manufacturer
- Double Nut (Leveling)
- Concrete
- Conduit & Wiring per Plan
- Electromagnetic Components
- Electrical Components
- Enclosure
- 10 ft (3 m)
- 2 ft (600 mm)
- Ground Level
- Precast Concrete Base
- "Sono" Tube Formed Base
- 60,000 PSI Minimum
- 3000 PSI Minimum
- Rebar with Entrained Air
- 30 ft (9 m)