

PLAN VIEW – LAYOUT
1:500

[illegible]

PRELIMINARY PRECAUTIONS

- 1 -EXISTING BURIED SERVICES INDICATED ON PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL NOT TAKE ANY MEASUREMENTS FROM THE PLANS TO DETERMINE EXACT LOCATION OF EXISTING SERVICES.
- 2 -BEFORE PERFORMING ANY EXCAVATION OPERATIONS, CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGING ELECTRICAL, TELECOMMUNICATIONS, CABLE TELEVISION, FIBER OPTIC AND TRAFFIC LIGHTING CONDUIT AND CABLES, METER SITES, EXISTING PIPES (WATER, SEWER, GAS) AND ALL ASSOCIATED STRUCTURES.
- 3 -CONTRACTOR SHALL SUBMIT A REQUEST TO INFO-EXCAVATION TO MARK OUT EXISTING BURIED SERVICES THAT INFO-EXCAVATION MANAGES, AND TO THE MUNICIPALITY INVOLVED TO MARK ITS BURIED SERVICES AND CONDUIT.
- 4 -CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EXISTING SERVICES ARE MARKED. NO MARKING SHALL BE DONE BY THE DEPARTMENT.
- 5 -NOTIFY RELEVANT BODY WHEN SERVICES ARE DAMAGED DURING WORK. CONTRACTOR IS RESPONSIBLE FOR REPAIR COSTS AND ANY OTHER COSTS INCURRED AS A RESULT OF DAMAGE.
- 6 - NO GUY WIRES ARE PERMITTED TO SUPPORT WOODEN POLES.

DESCRIPTIVE PRECAUTIONS

- 1 - FOLLOW CONNECTIONS AS SET FORTH BY HQ IN THE BLUE BOOK (E.21-10).
- 2 - INSTALL TWO CONCRETE JERSEY BARRIERS AT EACH POLE.
- 3 - MIN. CLASS OF WOODEN POLE TO BE DETERMINED BY CONTRACTOR'S STRUCTURAL ENGINEER.

DESIGN CRITERIA						
LOCATION	LUMINANCE METHOD				LIGHTING METHOD	
ROAD ELEMENT	AVERAGE L (cd/m ²)	UNIFORMITY		GLARE	AVERAGE L (lx)	UNIFORMITY
		AVG./MIN.	MAX./MIN.	LV RATIO		
PARKING LOT	—	—	—	—	9.38	4.08

QUANTITY OF CONDUITS, CONDUCTORS AND ELECTRICAL CABLES REQUIRED					
FROM DISTRIBUTION PANEL AT LAST LIGHTING UNIT ON EACH CIRCUIT					
CIRCUIT	CABLES	CONDUIT DIAMETER	BONDING		
			* BARE GAUGE	GREEN GAUGE	
1	2#6 C/A SUPPORT CABLE	-	-	-	
			*	BURIED DIRECTLY IN GROUND	

TRIPLEX CABLE
 ALU NS75 FT1
 L1 - RED
 L2 - BLACK
 NEUTRAL SUPPORT
 CABLE