



CONDUIT SCHEDULE

- 1" UNIT DUCT IN TRENCH
 - 1 1/4" UNIT DUCT IN TRENCH
 - 1 1/2" UNIT DUCT IN TRENCH
 - 2" UNIT DUCT IN TRENCH
 - 2 1/2" UNIT DUCT IN TRENCH
- UNLESS OTHERWISE NOTED THE CONDUIT TO GROUND MOUNTED RECEPTACLES, ARBOR'S COLUMN MOUNTED RECEPTACLES & LIGHTS AND GROUND MOUNTED FLOODLIGHTS SHALL BE 3/4" UNIT DUCT IN TRENCH
- ALL LOW VOLTAGE CABLE SHALL BE INSTALLED IN 3/4" UNIT DUCT.
- ALL CONDUIT FOR MUZZAK SOUND SYSTEM EQUIPMENT SHALL BE 3/4" EMPTY UNIT DUCT WITH PULL ROPE

WIRE AND CABLE SCHEDULE

- 2/C #10 AWG LOW VOLTAGE CABLE
 - EMPTY WITH PULL ROPE
 - 1/C #8, 1/C #8 NEUTRAL & 1/C #8 GROUND
 - 2/C #8 & 1/C #8 GROUND
 - 2/C #8, 1/C #8 NEUTRAL & 1/C #8 GROUND
 - 4/C #8 & 1/C #8 GROUND
 - 3/C #8, 1/C #8 NEUTRAL & 1/C #8 GROUND
 - 1/C #6, 1/C #6 NEUTRAL & 1/C #6 GROUND
 - 2/C #6 & 1/C #6 GROUND
 - 2/C #6, 1/C #6 NEUTRAL & 1/C #6 GROUND
 - 4/C #6 & 1/C #6 GROUND
 - NOT USED
 - 2/C #6, 1/C #6 NEUTRAL (FLAG POLE LIGHT CKT), 1/C #8, 1/C #8 NEUTRAL (GROUND MTD. RECEPT CKT) & 1/C #6 GROUND
 - 2/C #8 (LIGHT CKT), 1/C #8, 1/C #8 NEUTRAL (RECEPTABLE CKT) & 1/C #8 GROUND
 - 2/C #6 (LIGHT CKT), 1/C #6, 1/C #6 NEUTRAL (RECEPTABLE CKT) & 1/C #6 GROUND
 - 4/C #6 (LIGHT CKT), 2/C #6, 1/C #6 NEUTRAL (RECEPTABLE CKT) & 1/C #6 GROUND
 - 1/C #8, 1/C #8 NEUTRAL (TRANSFORMER CKT), 1/C #6, 1/C #6 NEUTRAL (GROUND MTD. RECEPT CKT) & 1/C #6 GROUND
 - 4/C #6 (LIGHT CKT), 1/C #6, 1/C #6 NEUTRAL (TRANSFORMER CKT), & 1/C #6 GROUND
 - 2/C #6 (LIGHT CKT), 1/C #6, 1/C #6 NEUTRAL (POLE RECEPT CKT), 1/C #6, 1/C #6 NEUTRAL (GROUND MTD. RECEPT CKT) & 1/C #6 GROUND
 - 2/C #6 (LIGHT CKT), 1/C #6, 1/C #6 NEUTRAL (POLE RECEPT CKT), 2/C #6, 1/C #6 NEUTRAL (GROUND MTD. RECEPT CKT) & 1/C #6 GROUND
 - 4/C #6 (LIGHT CKT), 2/C #6, 1/C #6 NEUTRAL (POLE RECEPT CKT), 6/C #6, 3/C #6 NEUTRAL (GROUND MTD. RECEPT CKT) & 1/C #6 GROUND
 - 4/C #6 (LIGHT CKT), 2/C #6, 1/C #6 NEUTRAL (POLE RECEPT CKT), 1/C #8, 1/C #8 NEUTRAL (GROUND MTD. RECEPT. CKT) & 1/C #8 GROUND
 - 2/C #8 (LIGHT CKT), 1/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT), 1/C #4, 1/C #4 NEUTRAL (LOWER POLE RECEPTABLE CKT) & 1/C #4 GROUND
 - 2/C #8 (LIGHT CKT), 1/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT), 2/C #4, 2/C #4 NEUTRAL (LOWER POLE RECEPTABLE CKT) & 1/C #4 GROUND
 - 4/C #8 (LIGHT CKT), 2/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT) & 1/C #4 GROUND
 - 4/C #8 (LIGHT CKT), 2/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT), 3/C #4, 3/C #4 NEUTRAL (LOWER POLE RECEPTABLE CKT) & 1/C #4 GROUND
 - 4/C #8 (LIGHT CKT), 2/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT), 4/C #4, 4/C #4 NEUTRAL (LOWER POLE RECEPTABLE CKT) & 1/C #4 GROUND
 - 4/C #8 (LIGHT CKT), 2/C #8, 1/C #8 NEUTRAL (UPPER POLE RECEPTABLE CKT), 5/C #4, 5/C #4 NEUTRAL (LOWER POLE RECEPTABLE CKT) & 1/C #4 GROUND
- UNLESS OTHERWISE NOTED THE WIRES TO GROUND MOUNTED RECEPTACLES, ARBOR COLUMN MOUNTED LIGHTS & RECEPTACLES AND GROUND MOUNTED FLOODLIGHTS SHALL BE 1/C #10, 1/C #10 NEUTRAL & 1/C #10 GROUND

- NOTES:**
- ALL SPARE CONDUIT SLEEVES AND STUBS SHALL BE CAPPED WATERTIGHT.
 - CONTRACTOR TO PROVIDE PRIMARY & SECONDARY CONDUITS AND SECONDARY WIRING FROM PROPOSED SITE LIGHTING CONTROLLER #3 TO PROPOSED COM ED ELECTRICAL SERVICE LOCATION. THIS WORK AND ALL FITTINGS, CONNECTORS AND FASTENERS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR "ELECTRIC SERVICE INSTALLATION" (SEE DETAIL ON SHEET DESI).

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

INC. DATE REMARKS

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9075 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(647) 825-9500

PROPOSED LIGHTING PLAN - 1

MAIN STREET TRIANGLE - PHASE 1
ORLAND PARK, ILLINOIS

5075 W. Higgins Road, Suite 700
Rosemont, Illinois 60018
Phone: (647) 886-4820 Fax: (647) 886-4825

FILENAME:
070227.Lite.L1.G1

DATE:
4/16/07

JOB NO.
4278.02

SHEET
EL1
OF

FOR INFORMATION ONLY

FILE NAME = D160K64-SHT-GE2.dgn	USER NAME = MTomaszo	DESIGNED - JLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH LIGHTING EXISTING LIGHTING PLAN - TRIANGLE		F.A.P. RTE. 330	SECTION 73 R-B	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 38
PLOT SCALE = 1/4"	DESIGNED - CJM	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	GE-2		CONTRACT NO. 60K64	
PLOT DATE = 12/16/10	CHECKED - KMY	REVISED -					ILLINOIS FED. AID PROJECT				
	DATE - 12/17/10	REVISED -									