



CONDUIT & CONDUCTOR SCHEDULE					
KEY	CONDUIT SIZE	CONDUCTORS			
		FOR FIXTURES	FOR EQUIPMENT	FOR COMM	FOR GROUND
A	2"	2#8			1#8G
B	2"	3#8			1#8G
C	2"	3#2			1#6G
D	2"	6#2			1#6G
E	2"	500 lb PULLCORD			1#6G
F	2"	9#2			1#6G
G	3"	3#1/0			1#6G
H	2"	6#8			1#8G

GENERAL NOTES:

- MAXIMUM OF 270° IN TOTAL BENDS PERMITTED IN SINGLE RUN OF CONDUIT
- LIGHTS SHALL BE FUSED AT BASE WITH Y-TYPE FUSE KIT WITH WATERPROOF INSULATED SEAL "FLOOD SEAL". SIZE OF SEAL SHALL MATCH WIRE AND HAVE A 10 AMP FUSE.
- CIRCUIT CONDUCTORS INCLUDING NEUTRAL CONDUCTOR SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY POLE BASE AND HANDHOLE.
- UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH INSULATED COVER FOR TAPS AT POLE BASE.
- UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH WATERTIGHT CONNECTOR, SUITABLE FOR DIRECT BURIAL IN JUNCTION BOXES, HANDHOLES AND MANHOLES.
- REFER TO THE LIGHTING & UTILITY PLANS FOR LOCATION OF ELECTRICAL CONDUIT SLEEVES (4") (PVC) (SCH. 80).

BUS		100A		PANEL No. LA		LOCATION JOHNSON AVE	
PANEL RATING		22 KAIC		MOUNTING PEDESTAL		DRAWING No.	
SUPPLY VOLTAGE		120/240V		SERVICE		1 PHASE, 3 WIRE	

WIRING	DESCRIPTION	VA OR W		BREAKER	CK	BUS	CK	T.BREAKER	VA OR W		DESCRIPTION	WIRING	
		#A	#B						#A	#B		COND	WIRE
SEE - I-LINE	SL-1,2,4,6,8,10	425		2	20	1	x	2	2	20	425	340	VT-1,2,4,6,8
SEE - I-LINE	SL-2,3,5,7,9		425	2	20	3	x	4	2	20	340	340	VT-3,5,7,9
SEE - I-LINE	SL-11,13,15	255		2	20	5	x	6	2	20	255	340	LA-17,19,21
SEE - I-LINE	SL-12,14		255	2	20	7	x	8	2	20	340	340	LA-16,18,20,22
SEE - I-LINE	SL-23,25,27,29	340		2	20	9	x	10	2	20	425	425	SL-32,34,36,38,40
SEE - I-LINE	SL-24,26,28,30		340	2	20	11	x	12	2	20	425	425	SL-31,33,35,37,39
	SPARE			2	20	13	x	14	2	20			SPARE
	SPARE			2	20	15	x	16	2	20			SPARE
	SPARE			2	20	17	x	18	1	20	180		CABINET RECEPTACLE
	SPARE			2	20	19	x	20	1	20			SPARE
	SPARE			2	20	21	x	22	1	20			SPARE
	SPARE			2	20	23	x	24					SPARE
TOTAL 1		1020	1020	TOTAL 2		1285	1105						
TOTAL 2		1285	1105	TOTAL 1 + 2		2305	2125						
TOTAL 1 + 2		2305	2125	CONN. LOAD TOTAL		4430							
AMPERES		19		MAIN BREAKER		100A		FEEDER ENTRANCE		BOTTOM	MAIN LUGS		N/A
				FEEDER SIZE		SEE PLAN		FEEDER TYPE		UTILITY POLE	ENCLOSURE TYPE		NEMA 3R
				SOURCE		UTILITY POLE		ACCESSORIES		SE RATED			
				PANEL TYPE		PLUG-IN							

RECORD DRAWING
DATE: DECEMBER 21, 2012



PROJECT NAME:	COLCHESTER CAMPUS CONNECTOR	FILE NAME:	...123-125.Lightdet.ptf	PLOT DATE:	12/2/2010
PROJECT NUMBER:	TCSP TCSE (007)	PROJECT LEADER:	JBL	DRAWN BY:	PZA
		DESIGNED BY:	MLC	CHECKED BY:	GGG
		LIGHTING DETAIL LID-1		SHEET	119 OF 153