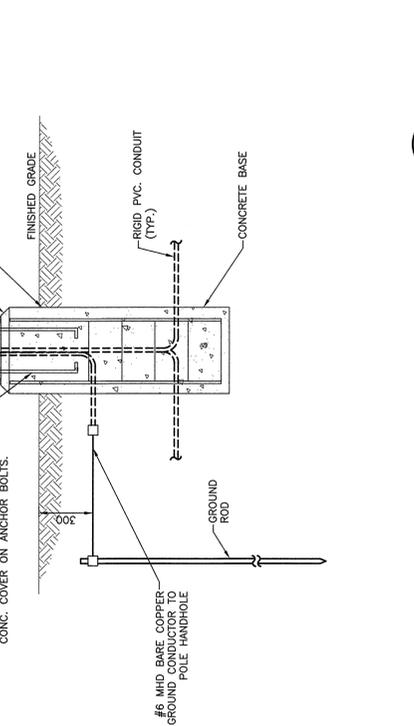
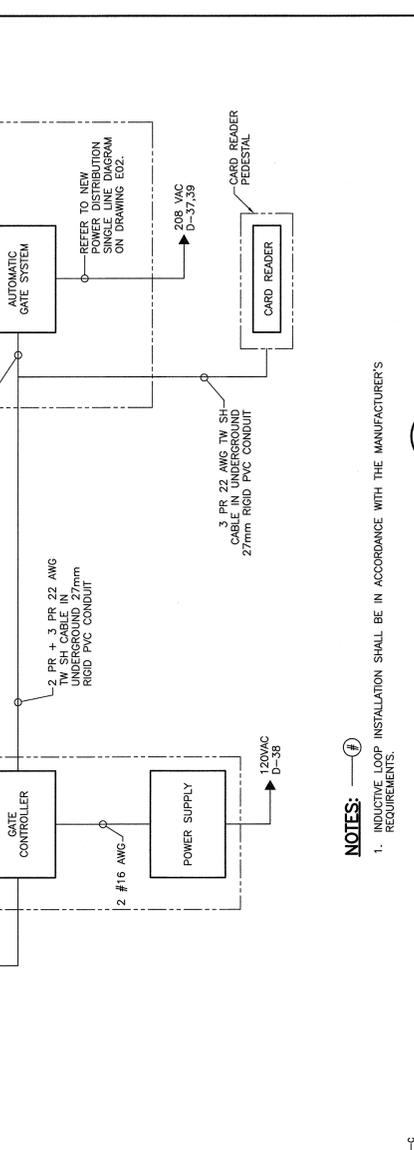


DIRECT BURIED CONDUITS (A)
SCALE : N.T.S.



EXT. LIGHT STANDARD POLE BASE DETAIL (2)
SCALE : N.T.S.



GATE CONTROL DIAGRAM (1)
SCALE : N.T.S.

NOTES:
1. INDUCTIVE LOOP INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER'S CATALOGUE NO.	LAMP(S)	MOUNTING
A2	LINEAR FLUORESCENT W/RAPOURROUND LUMINAIRE, 236mm x 1226mm, 720V.	LITONIA #SLS-32-AMVLT-GE810PS COOPER #APW-CPW2V PHILIPS #CAM232-JUNV	2 x 32W 4100K CCT 85 CRI	SURFACE TO CEILING
S1.3	LED ROADWAY LUMINAIRE WITH ELECTRONIC DRIVER, POWDER-COATED DIE CAST ALUMINUM HOUSING, BUBBLE LEVEL, ESNA TYPE III FULL CUT-OFF DISTRIBUTION WITH SHLL CONTROL, LOW SURGE INDEPENDENT CONTROL, GREY FINISH, 120V.	PHILIPS #RGS-5W1315ERAK-EE-US-UNV-BL-PH8-013 AEL #ATEB-20REZ70-120-13-HSBL COOPER #AAV-AA-01-E-UNV-SL3-10K-PER-K-IP86-AP	50W LED 3000K LUMEN 4000K 70 CRI	FIXTURE MOUNTED AT 1.0m (POLE BASE: 1.0m POLE HEIGHT: 5.4m)
TYPE LEGEND: H1.3 FIXTURE TYPE L # OF LAMPS OR L INDICATES LED LAMP				

NEW PANEL 'D' SCHEDULE

WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION	BRAKER	PHASE	WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION
15 1 1/2	15 1 1/2	LIGHTING	15 1 1/2	A1	15 1 1/2	15 1 1/2	INDUCTIVE LOOP FOR TRAFFIC DETECTION
15 1 1/2	15 1 1/2	REC. TEL. SERV.	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. COUNTING AREA
15 1 1/2	15 1 1/2	REC. COUNTING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR REC.
15 1 1/2	15 1 1/2	EXTERIOR REC.	15 1 1/2	A1	15 1 1/2	15 1 1/2	DOOR CHIME
15 1 1/2	15 1 1/2	DOOR CHIME	15 1 1/2	A1	15 1 1/2	15 1 1/2	HEATING
15 1 1/2	15 1 1/2	HEATING	15 1 1/2	A1	15 1 1/2	15 1 1/2	HOT WATER TANK
15 1 1/2	15 1 1/2	HOT WATER TANK	15 1 1/2	A1	15 1 1/2	15 1 1/2	HAND DRYER
15 1 1/2	15 1 1/2	HAND DRYER	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR LGTS.
15 1 1/2	15 1 1/2	EXTERIOR LGTS.	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C UNIT
15 1 1/2	15 1 1/2	A/C UNIT	15 1 1/2	A1	15 1 1/2	15 1 1/2	GOLF CART
15 1 1/2	15 1 1/2	GOLF CART	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C PLUG
15 1 1/2	15 1 1/2	A/C PLUG	15 1 1/2	A1	15 1 1/2	15 1 1/2	RECEPTACLES
15 1 1/2	15 1 1/2	RECEPTACLES	15 1 1/2	A1	15 1 1/2	15 1 1/2	ELECTRIC HEATERS
15 1 1/2	15 1 1/2	ELECTRIC HEATERS	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. CONTROL
15 1 1/2	15 1 1/2	REC. CONTROL	15 1 1/2	A1	15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY
15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY	15 1 1/2	A1	15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA
15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE
15 1 1/2	15 1 1/2	SPACE	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE

EXISTING PANEL 'D' SCHEDULE

WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION	BRAKER	PHASE	WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION
15 1 1/2	15 1 1/2	LIGHTING	15 1 1/2	A1	15 1 1/2	15 1 1/2	INDUCTIVE LOOP FOR TRAFFIC DETECTION
15 1 1/2	15 1 1/2	REC. TEL. SERV.	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. COUNTING AREA
15 1 1/2	15 1 1/2	REC. COUNTING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR REC.
15 1 1/2	15 1 1/2	EXTERIOR REC.	15 1 1/2	A1	15 1 1/2	15 1 1/2	DOOR CHIME
15 1 1/2	15 1 1/2	DOOR CHIME	15 1 1/2	A1	15 1 1/2	15 1 1/2	HEATING
15 1 1/2	15 1 1/2	HEATING	15 1 1/2	A1	15 1 1/2	15 1 1/2	HOT WATER TANK
15 1 1/2	15 1 1/2	HOT WATER TANK	15 1 1/2	A1	15 1 1/2	15 1 1/2	HAND DRYER
15 1 1/2	15 1 1/2	HAND DRYER	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR LGTS.
15 1 1/2	15 1 1/2	EXTERIOR LGTS.	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C UNIT
15 1 1/2	15 1 1/2	A/C UNIT	15 1 1/2	A1	15 1 1/2	15 1 1/2	GOLF CART
15 1 1/2	15 1 1/2	GOLF CART	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C PLUG
15 1 1/2	15 1 1/2	A/C PLUG	15 1 1/2	A1	15 1 1/2	15 1 1/2	RECEPTACLES
15 1 1/2	15 1 1/2	RECEPTACLES	15 1 1/2	A1	15 1 1/2	15 1 1/2	ELECTRIC HEATERS
15 1 1/2	15 1 1/2	ELECTRIC HEATERS	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. CONTROL
15 1 1/2	15 1 1/2	REC. CONTROL	15 1 1/2	A1	15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY
15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY	15 1 1/2	A1	15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA
15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE
15 1 1/2	15 1 1/2	SPACE	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE

NEW PANEL 'D' SCHEDULE

WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION	BRAKER	PHASE	WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION
15 1 1/2	15 1 1/2	LIGHTING	15 1 1/2	A1	15 1 1/2	15 1 1/2	INDUCTIVE LOOP FOR TRAFFIC DETECTION
15 1 1/2	15 1 1/2	REC. TEL. SERV.	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. COUNTING AREA
15 1 1/2	15 1 1/2	REC. COUNTING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR REC.
15 1 1/2	15 1 1/2	EXTERIOR REC.	15 1 1/2	A1	15 1 1/2	15 1 1/2	DOOR CHIME
15 1 1/2	15 1 1/2	DOOR CHIME	15 1 1/2	A1	15 1 1/2	15 1 1/2	HEATING
15 1 1/2	15 1 1/2	HEATING	15 1 1/2	A1	15 1 1/2	15 1 1/2	HOT WATER TANK
15 1 1/2	15 1 1/2	HOT WATER TANK	15 1 1/2	A1	15 1 1/2	15 1 1/2	HAND DRYER
15 1 1/2	15 1 1/2	HAND DRYER	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR LGTS.
15 1 1/2	15 1 1/2	EXTERIOR LGTS.	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C UNIT
15 1 1/2	15 1 1/2	A/C UNIT	15 1 1/2	A1	15 1 1/2	15 1 1/2	GOLF CART
15 1 1/2	15 1 1/2	GOLF CART	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C PLUG
15 1 1/2	15 1 1/2	A/C PLUG	15 1 1/2	A1	15 1 1/2	15 1 1/2	RECEPTACLES
15 1 1/2	15 1 1/2	RECEPTACLES	15 1 1/2	A1	15 1 1/2	15 1 1/2	ELECTRIC HEATERS
15 1 1/2	15 1 1/2	ELECTRIC HEATERS	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. CONTROL
15 1 1/2	15 1 1/2	REC. CONTROL	15 1 1/2	A1	15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY
15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY	15 1 1/2	A1	15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA
15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE
15 1 1/2	15 1 1/2	SPACE	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE

EXISTING PANEL 'D' SCHEDULE

WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION	BRAKER	PHASE	WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION
15 1 1/2	15 1 1/2	LIGHTING	15 1 1/2	A1	15 1 1/2	15 1 1/2	INDUCTIVE LOOP FOR TRAFFIC DETECTION
15 1 1/2	15 1 1/2	REC. TEL. SERV.	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. COUNTING AREA
15 1 1/2	15 1 1/2	REC. COUNTING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR REC.
15 1 1/2	15 1 1/2	EXTERIOR REC.	15 1 1/2	A1	15 1 1/2	15 1 1/2	DOOR CHIME
15 1 1/2	15 1 1/2	DOOR CHIME	15 1 1/2	A1	15 1 1/2	15 1 1/2	HEATING
15 1 1/2	15 1 1/2	HEATING	15 1 1/2	A1	15 1 1/2	15 1 1/2	HOT WATER TANK
15 1 1/2	15 1 1/2	HOT WATER TANK	15 1 1/2	A1	15 1 1/2	15 1 1/2	HAND DRYER
15 1 1/2	15 1 1/2	HAND DRYER	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR LGTS.
15 1 1/2	15 1 1/2	EXTERIOR LGTS.	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C UNIT
15 1 1/2	15 1 1/2	A/C UNIT	15 1 1/2	A1	15 1 1/2	15 1 1/2	GOLF CART
15 1 1/2	15 1 1/2	GOLF CART	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C PLUG
15 1 1/2	15 1 1/2	A/C PLUG	15 1 1/2	A1	15 1 1/2	15 1 1/2	RECEPTACLES
15 1 1/2	15 1 1/2	RECEPTACLES	15 1 1/2	A1	15 1 1/2	15 1 1/2	ELECTRIC HEATERS
15 1 1/2	15 1 1/2	ELECTRIC HEATERS	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. CONTROL
15 1 1/2	15 1 1/2	REC. CONTROL	15 1 1/2	A1	15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY
15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY	15 1 1/2	A1	15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA
15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE
15 1 1/2	15 1 1/2	SPACE	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE

NEW PANEL 'D' SCHEDULE

WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION	BRAKER	PHASE	WIRE / CONDUIT SIZE	LOAD (WATTS)	DESCRIPTION
15 1 1/2	15 1 1/2	LIGHTING	15 1 1/2	A1	15 1 1/2	15 1 1/2	INDUCTIVE LOOP FOR TRAFFIC DETECTION
15 1 1/2	15 1 1/2	REC. TEL. SERV.	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. COUNTING AREA
15 1 1/2	15 1 1/2	REC. COUNTING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR REC.
15 1 1/2	15 1 1/2	EXTERIOR REC.	15 1 1/2	A1	15 1 1/2	15 1 1/2	DOOR CHIME
15 1 1/2	15 1 1/2	DOOR CHIME	15 1 1/2	A1	15 1 1/2	15 1 1/2	HEATING
15 1 1/2	15 1 1/2	HEATING	15 1 1/2	A1	15 1 1/2	15 1 1/2	HOT WATER TANK
15 1 1/2	15 1 1/2	HOT WATER TANK	15 1 1/2	A1	15 1 1/2	15 1 1/2	HAND DRYER
15 1 1/2	15 1 1/2	HAND DRYER	15 1 1/2	A1	15 1 1/2	15 1 1/2	EXTERIOR LGTS.
15 1 1/2	15 1 1/2	EXTERIOR LGTS.	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C UNIT
15 1 1/2	15 1 1/2	A/C UNIT	15 1 1/2	A1	15 1 1/2	15 1 1/2	GOLF CART
15 1 1/2	15 1 1/2	GOLF CART	15 1 1/2	A1	15 1 1/2	15 1 1/2	A/C PLUG
15 1 1/2	15 1 1/2	A/C PLUG	15 1 1/2	A1	15 1 1/2	15 1 1/2	RECEPTACLES
15 1 1/2	15 1 1/2	RECEPTACLES	15 1 1/2	A1	15 1 1/2	15 1 1/2	ELECTRIC HEATERS
15 1 1/2	15 1 1/2	ELECTRIC HEATERS	15 1 1/2	A1	15 1 1/2	15 1 1/2	REC. CONTROL
15 1 1/2	15 1 1/2	REC. CONTROL	15 1 1/2	A1	15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY
15 1 1/2	15 1 1/2	GATE CTRL. POWER SUPPLY	15 1 1/2	A1	15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA
15 1 1/2	15 1 1/2	AUTO. GATE CAMPING AREA	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE
15 1 1/2	15 1 1/2	SPACE	15 1 1/2	A1	15 1 1/2	15 1 1/2	SPACE