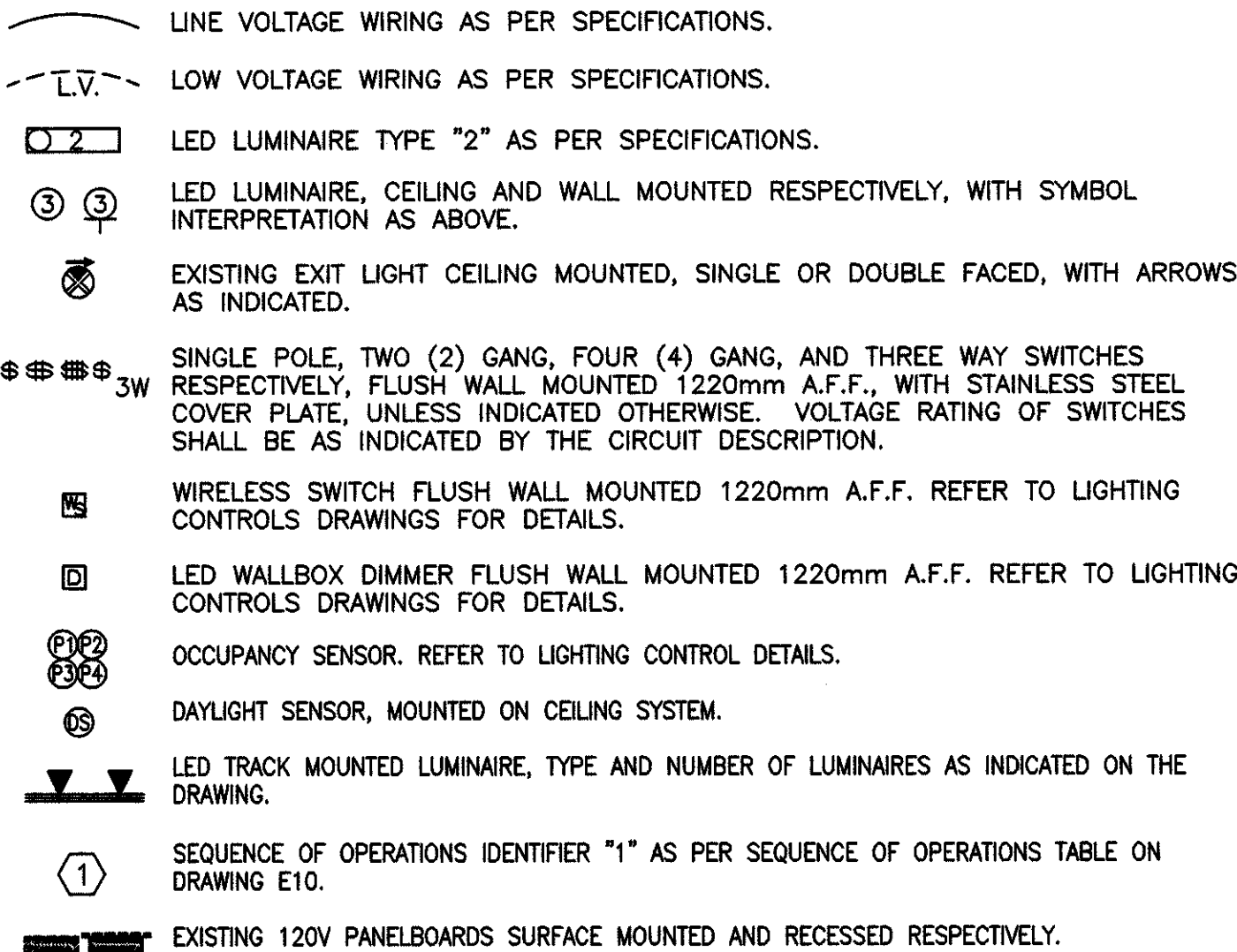
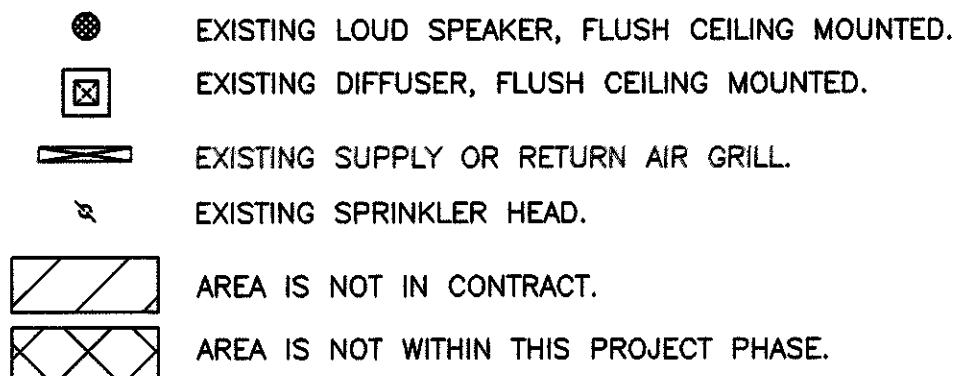


ELECTRICAL LEGEND

LIGHTING



REFLECTED CEILING



DEFINITIONS:  
A.F.F. - ABOVE THE FINISHED FLOOR.  
N.L. - INDICATES NIGHT LIGHTING, UNSWITCHED CIRCUIT, FED FROM EMERGENCY PANEL.  
\*\*\* DOTTED DEVICES ARE EXISTING, TO REMAIN UNLESS \*\*\* INDICATED OTHERWISE

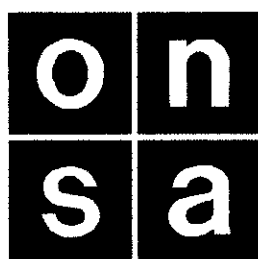
GENERAL NOTES:

1. NEW LUMINAIRES SHALL BE CONNECTED TO THE EXISTING CIRCUITRY
2. ENSURE CONTINUITY OF CIRCUIT AND REMOVE REDUNDANT WIRING FOR ANY LOCATIONS WHERE EXISTING LUMINAIRES ARE NOT REPLACED.
3. THIS CONTRACTOR SHALL REPAIR THE CEILING, INCLUDING CUTTING AND PATCHING AND MAKING GOOD ALL FINISHES TO THE CONDITION PRIOR TO CHANGES.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW TILES IN THE LOCATIONS THAT LUMINAIRES ARE REMOVED FROM AND NOT REINSTATED.
5. THE ELECTRICAL CONTRACTOR SHALL INSTALL NEW 120V WIRING DROPS FROM THE EXISTING JUNCTION BOX IN THE CEILING SPACE TO EACH LUMINAIRE. SEE TYPICAL DETAIL 1/E9.
6. FOR TYPE 1 LUMINAIRE LOCATIONS, RE-INSTALL THE EXISTING SUPPLY AIR BOOT IN THE NEW LUMINAIRE, AND ENSURE A TIGHT SEAL BETWEEN EXISTING DUCT AND BOOT. BLANK OFF ANY SUPPLY AIR SLOTS NOT UTILIZED BY THE SUPPLY AIR BOOT. INSTALL A BRACKET FROM THE SUPPLY AIR BOOT TO THE NEW LUMINAIRE TO PROVIDE LATERAL SUPPORT FOR BOOT. THE ELECTRICAL CONTRACTOR SHALL HIRE A QUALIFIED hvac MECHANICAL CONTRACTOR TO PERFORM THIS WORK.
7. ELECTRICAL CONTRACTOR IS TO TRACE AND IDENTIFY EXISTING EMERGENCY LIGHTING CIRCUITS, AND MARK UP ON THEIR AS-BUILT DRAWINGS.
8. WHERE NEW LUMINAIRES ARE INSTALLED INTO LOCATIONS, WIRE TO THE SAME CIRCUIT AS OTHER NORMAL POWER LUMINAIRES IN THAT SPACE.

LUMINAIRE SCHEDULE				
TYPE	LUMINAIRE DESCRIPTION	LAMP	SPECIFIED UNIT	NOTES
1	LED 305mm X 1220mm LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, REMOVEABLE BLANKS FOR SUPPLY AIR DUCTED FIXTURES, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	DELVIRO CAT. NO.: DELSNAP 1X4-30-35K-U-NL-WH-TBAR-AH	1,4,5
			PHILIPS CAT. NO.: 15TAGA29L835-4-D-UNV-DIM	
			LITHONIA CAT. NO.: BLT4 A 30L ADP 120 EZ1 LP835	
2	LED 305mm X 1220mm ZERO PLENUM LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	4000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	LITHONIA CAT. NO.: EPANL 14 40L 35K	1,5
			STANDARD CAT. NO.: LED/PANEL/1X4/120-DIM/40W/35K/STD (63808)	
			PREMISE CAT. NO.: FP14-35-G2	
3	LED 610mm X 610mm LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	EATON CAT. NO.: 22RTC-34-UNV-835-HCD	1,5
			LITHONIA CAT. NO.: 2BLT2 33L ADP 120 EZ1 LP835	
			CREE CAT. NO.: ZR22C 32L 35K 10V FD	
4	LED 1220mm LONG STRIP LUMINAIRE CHAIN HUNG TO 3050mm A.F.F. OR SURFACE MOUNTED ON CEILING WHEN CEILING IS BELOW 2745mm. COORDINATE LOCATION WITH OBSTRUCTIONS.	4500 LUMENS AT 4000K LED SUPPLIED WITH FIXTURE	PHILIPS CAT. NO.: 2FG-30L835-2-D-UNV-DIM	1,5
			EATON CAT. NO.: 4SLSTP4035DD-UNV	
			LITHONIA CAT. NO.: CLX L48 5000LM SEF RDL MVOLT G210 35K 80CRI WH	
5	LED TRACK LIGHT FIXTURE ON CEILING SYSTEM SUPPORTED FROM DECK/ABOVE CEILING. NUMBER OF HEADS AS INDICATED ON DRAWING AND A SINGLE CIRCUIT TRACK WITH ALL COMPONENTS FOR A COMPLETE WORKING TRACK SYSTEM.	850 LUMEN HEADS AT 3500K LED AND 85+ CRI SUPPLIED WITH FIXTURE	CREE CAT. NO.: LS4 50L 35K 10V	1,5
			PHILIPS CAT. NO.: FSS4-55L835-UNV-DIM	
			EATON CAT. NO.: L8080N9035AH	
6	LED 610mm X 1220mm LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	JUNO CAT. NO.: T381L TEK 35K 90CRI PDIM NFL SL	1,5
			WAC LIGHTING CAT. NO.: H1014N8358N	
			PHILIPS CAT. NO.: LC-10-930-AL-TE-LLM-RNF-AL	
7	LED 1220mm LONG STRIP LUMINAIRE SURFACE MOUNTED ON DRYWALL IN ARCHITECTURAL COVE. COORDINATE LOCATION WITH OBSTRUCTIONS.	2000 LUMENS AT 4000K LED SUPPLIED WITH FIXTURE	EATON CAT. NO.: 24RTC-34-UNV-835-HCD	1,5
			LITHONIA CAT. NO.: 2BLT4 30L ADP 120 EZ1 LP835	
			CREE CAT. NO.: ZR24C 40L 35K 10V FD	
8	LED TRACK LIGHT FIXTURE WALL MOUNTED. NUMBER OF HEADS AS INDICATED ON DRAWING AND A SINGLE CIRCUIT TRACK WITH ALL COMPONENTS FOR A COMPLETE WORKING TRACK SYSTEM.	1500 LUMEN HEADS AT 3500K LED AND 85+ CRI SUPPLIED WITH FIXTURE	PHILIPS CAT. NO.: 2FG-30L835-2-D-UNV-DIM	1,5
			LITHONIA CAT. NO.: CLX L48 3000LM SEF RDL MVOLT G210 35K 80CRI WH	
			CREE CAT. NO.: LS4 25L 35K 10V	
9	EXISTING SQUARE OR ROUND DOWNLIGHT RECESSED IN LINEAR METAL SLAT CEILING SYSTEM.	EXISTING TO REMAIN	PHILIPS CAT. NO.: FSS4-30L-835-UNV-DIM	2
			EATON CAT. NO.: L80815N9035AH	
			JUNO CAT. NO.: T383L TEK 35K 90CRI PDIM NFL SL	
10	EXISTING SQUARE OR ROUND DOWNLIGHT RECESSED IN T-BAR CEILING SYSTEM.	EXISTING TO REMAIN	WAC LIGHTING CAT. NO.: H1023N8358N	2
			PHILIPS CAT. NO.: LC-20-930-AL-TE-RNF-AL	
11	EXISTING 610mm DIAMETER LUMINAIRE RECESSED IN EXISTING GYPSUM BOARD CEILING.	PROVIDE AND INSTALL NEW MED BI-PIN G13 LED RETROFIT SOLUTION LAMPS 2500 LUMENS AT 3500K, WITH COMPATIBLE INSTANT START BALLASTS WITH A BALLAST FACTOR OF 0.88	EATON CAT. NO.: HU1024D930P	3
			LITHONIA CAT. NO.: UCCEL-22IN-30K-90CRI-WH	
			STANDARD CAT. NO.: LUCS/23.6/35K/STD (64583)	
12	EXISTING SQUARE OR ROUND DOWNLIGHT RECESSED IN DRYWALL CEILING.	EXISTING TO REMAIN	NORA CAT. NO.: NUD88-22-30-W	2
13	LED 610mm LONG UNDERCABINET LUMINAIRE SURFACE MOUNTED C/W DRIVER(POWER SUPPLY), AND ALL COMPONENTS FOR A COMPLETE WORKING SYSTEM.	700 LUMENS AT 3000K	EATON CAT. NO.: 8TSNLED-LD5-61SL-LW-UNV-L835-CD1-U	1,5
			LITHONIA CAT. NO.: CLX L96 8000LM SEF RDL MVOLT G210 35K 80CRI	
			CREE CAT. NO.: LS8 80L 35K 10V	
14	EXISTING WALL SCONCE SURFACE MOUNTED	EXISTING TO REMAIN	PHILIPS CAT. NO.: FSS8-60L-835-UNV-DIM	2
			EATON CAT. NO.: FM11WR35R	
			LITHONIA CAT. NO.: FM11WR35R	
15	LED 2440mm LONG STRIP LUMINAIRE CHAIN HUNG TO 3050mm A.F.F. OR SURFACE MOUNTED ON CEILING WHEN CEILING IS BELOW 2745mm. COORDINATE LOCATION WITH OBSTRUCTIONS.	6000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	STANDARD CAT. NO.: LED/CL11/35K/FM/RND/STD (63299)	1,5
			PREMISE LED CAT. NO.: FM-LP1615-4	
16	LED 305mm DIAMETER ROUND LUMINAIRE SURFACE MOUNTED ON EXISTING DRYWALL CEILING	1100 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	EATON CAT. NO.: 14FP4235C-FPSURF14	1,5
			LITHONIA CAT. NO.: EPANL 14 40L 80CRI 35K-MIN10-ZT-MVOLT	
			STANDARD CAT. NO.: LED/PANEL/1X4/120-DIM/35K/ACC/SMK/STD (63808 C/W KIT 64543)	
17	EXISTING CHANDELIER CHAIN HUNG FROM CEILING	EXISTING TO REMAIN	PREMISE LED CAT. NO.: FP14-35-G2 C/W FMK14 SURFACE KIT	2
			EATON CAT. NO.: 14RTC-34-UNV-835-HCD C/W DF-14-WU	
			LITHONIA CAT. NO.: BLT4 30L ADP 120 EZ1 LP835 C/W DGA14	
18	LED 305mm X 1220mm LUMINAIRE COMPLETE WITH SURFACE MOUNT KIT MOUNTED ON EXISTING DRYWALL CEILING, AND 0-10V DIMMING DRIVER (10% DIMMING)	4000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	ORCALE CAT. NO.: 14-OVHP-LED-3400LM-DIM10-MVOLT-35K-85	1,5
			PHILIPS CAT. NO.: 1FG-38L835-4-D-UNV-DIM-FMA14	
			EATON CAT. NO.: 24RTC-48-UNV-835-HCD C/W DF-24-WU	
19	LED 305mm X 1220mm LUMINAIRE COMPLETE WITH DRYWALL FRAMING KIT RECESSED IN DRYWALL CEILING, LENS ASSEMBLY, AND 0-10V DIMMING DRIVER (1% DIMMING).	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	LITHONIA CAT. NO.: 2BLT4 40L ADP 120 EZ1 LP835 C/W DGA24	1,5
			CREE CAT. NO.: ZR24C 40L 35K 10V FD C/W DGA14-WHT	
			PHILIPS CAT. NO.: 2FG-38L835-4-D-UNV-DIM-FMA14	
20	LED 610mm X 1220mm LUMINAIRE COMPLETE WITH DRYWALL FRAMING KIT RECESSED IN DRYWALL CEILING	4000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	EATON CAT. NO.: FM11WR35R	1,5
			LITHONIA CAT. NO.: FM11WR35R	
			STANDARD CAT. NO.: LED/CL11/35K/FM/RND/STD (63299)	
21	LED 305mm DIAMETER ROUND LUMINAIRE SURFACE MOUNTED ON EXISTING T-BAR CEILING SYSTEM.	1100 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	PREMISE LED CAT. NO.: FM-LP1615-4	1,5
			LITHONIA CAT. NO.: 14FP4235C-FPSURF14	
			STANDARD CAT. NO.: LED/CL11/35K/FM/RND/STD (63299)	
22	LED 610mm X 610mm LUMINAIRE RECESSED IN LINEAR METAL SLAT CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER (10% DIMMING)	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	PREMISE LED CAT. NO.: FM-LP1615-4	1,5
			LITHONIA CAT. NO.: EPANL-2X2-3400LM-80CRI-35K-MIN10-ZT-MVOLT-DGA22	
			STANDARD CAT. NO.: LPAN/S2/2X2/120-DIM/40W/35K/ACC/SMK/STD (65542 C/W KIT 64544)	
23	LED 305mm X 1220mm LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER (1% DIMMING)	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	PREMISE LED CAT. NO.: FP22-35-G2-AC22	1,5
			EATON CAT. NO.: 14RTC-34-UNV-835-HCD	
			LITHONIA CAT. NO.: BLT4 30L ADP 120 EZ1 LP835	
24	LED 305mm X 1220mm LUMINAIRE RECESSED IN T-BAR CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	ORCALE CAT. NO.: 14-OVHP-LED-3400LM-DIM10-MVOLT-35K-85	1,5
			PHILIPS CAT. NO.: 1FG-38L835-4-D-UNV-DIM	
			EATON CAT. NO.: 14RTC-34-UNV-835-HCD	
25	LED 305mm X 1220mm LUMINAIRE RECESSED IN DRYWALL STAPLED TILE CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, REMOVEABLE BLANKS FOR SUPPLY AIR DUCTED FIXTURES, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	LITHONIA CAT. NO.: BLT4 30L ADP 120 EZ1 LP835	1,4,5
			ORCALE CAT. NO.: 14-OVHP-LED-3400LM-DIM10-MVOLT-35K-85	
			PHILIPS CAT. NO.: 1FG-38L835-4-D-UNV-DIM	
26	LED 305mm X 1220mm LUMINAIRE RECESSED IN DRYWALL STAPLED TILE CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	DELVIRO CAT. NO.: DELSNAP 1X4-20-35K-U-NL-WH-TBAR	1,5
			LITHONIA CAT. NO.: BLT4 30L ADP 120 EZ1 LP835	
			ORCALE CAT. NO.: 14-OVHP-LED-3400LM-DIM10-MVOLT-35K-85	
27	LED 305mm X 1220mm LUMINAIRE RECESSED IN DRYWALL LINEAR METAL CEILING SYSTEM. FIXTURE SHALL BE COMPLETE WITH LENS ASSEMBLY, AND 0-10V DIMMING DRIVER	3000 LUMENS AT 3500K LED SUPPLIED WITH FIXTURE	PHILIPS CAT. NO.: 1FG-38L835-4-D-UNV-DIM	1,5
			EATON CAT. NO.: 14RTC-34-UNV-835-HCD	
			LITHONIA CAT. NO.: BLT4 30L ADP 120 EZ1 LP835	

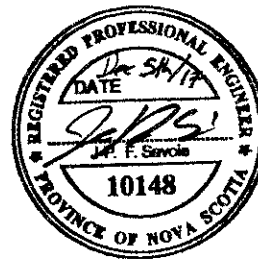
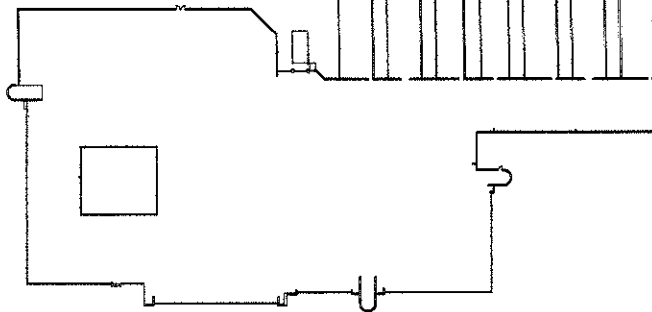
LUMINAIRE NOTES:

1. NEW LUMINAIRE TO BE INSTALLED IN THE SAME LOCATION AS EXISTING LUMINAIRE. CONNECT NEW LUMINAIRE TO EXISTING CIRCUIT. INSTALL NEW LIGHTING CONTROLS AS PER FLOOR PLANS.
2. EXISTING LUMINAIRE AND WIRING TO REMAIN. PROVIDE NEW LIGHTING CONTROLS AS PER FLOOR PLANS.
3. RETROFIT EXISTING LUMINAIRE TO REMAIN. PROVIDE NEW LIGHTING CONTROLS AS PER FLOOR PLANS.
4. REFEED INTEGRAL AIR VENT USING THE EXISTING LINEAR DIFFUSER IN THE CEILING. SEE GENERAL NOTE 6.
5. ANY ALTERNATES PRODUCT TO THIS BID SHALL ONLY BE CONSIDERED IF A COMPLETE WRITTEN DESCRIPTION OF THE PROPOSED SYSTEM ALONG WITH ANY VARIANCES TO THE SPECIFICATION, ARE RECEIVED TEN DAYS PRIOR TO BID DUE DATE. ANY VARIANCES NOT SPECIFICALLY ENUMERATED PRIOR TO BIDDING SHALL BE CONSIDERED NON-RESPONSIVE. ALTERNATE MANUFACTURERS MUST BE APPROVED IN



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NORTH



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2	ISSUED FOR 99% REVIEW	NOV. 3 2017
1	ISSUE FOR 66% REVIEW	OCT. 6 2017
revisions		date

project  
UPGRADE LIGHTING RETROFIT  
AFC KENTVILLE NOVA SCOTIA  
project

drawing  
ELECTRICAL LEGEND, LUMINAIRE SCHEDULE AND SEQUENCE OF OPERATIONS  
dessin

designed C. HALL C.E.T.	conçu
date DEC. 5 2017	
drawn B. DOUCET EIT	dessiné
date DEC. 5 2017	
approved J.P. SAVOIE P.ENG	approuvé
date DEC. 5 2017	
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PWGSC Project Manager	Administrateur de projets TPSGC
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