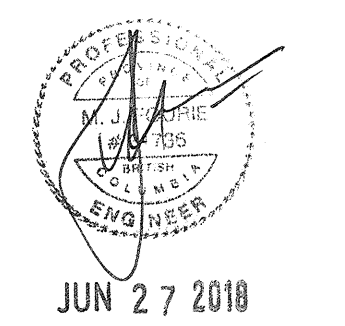


# TRANSPORT CANADA SANDSPIT AIRPORT LIGHTING UPGRADE

SANDSPIT, BC  
PR. #R.089425.001



SEAL:



0	ISSUED FOR TENDER	2018/06/27
Revision/ Revision	Description/Description	Date/Date

Client/client  
**TRANSPORT CANADA**

Project title/Titre du projet  
**SANDSPIT, B.C.  
TRANSPORT CANADA  
SANDSPIT AIRPORT  
LIGHTING UPGRADE**

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Designed by/Concept par  
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PR/SC Project Manager/Administrateur de Projets TPSGC  
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MARK BURGER

Drawing title/Titre du dessin

**COVER  
SYMBOL LEGEND  
DRAWING LIST  
NOTES**

Project No./No. du  
projet  
**R.089425.001**

Sheet/Feuille  
**E000**

Revision no./  
La Révision  
no.  
**0**

E000 - COVER
E001 - SITE PLAN
E100 - AIR TERMINAL BUILDING - LIGHTING DEMOLITION
E101 - AIR TERMINAL BUILDING - LIGHTING RENOVATION
E102 - AIR TERMINAL BUILDING - PHOTOS
E200 - PARKING LOT LIGHTING REPLACEMENT
E201 - APRON LIGHTING REPLACEMENT
E300 - COMBINED SERVICES BUILDING MAIN FLOOR PLAN - LIGHTING DEMOLITION
E301 - COMBINED SERVICES BUILDING UPPER FLOOR PLAN - LIGHTING DEMOLITION
E302 - COMBINED SERVICES BUILDING MAIN FLOOR PLAN - LIGHTING RENOVATION
E303 - COMBINED SERVICES BUILDING UPPER FLOOR PLAN - LIGHTING RENOVATION
E304 - COMBINED SERVICES BUILDING PHOTOS
E400 - SANDSPIT INN - LIGHTING DEMOLITION
E401 - SANDSPIT INN - LIGHTING RENOVATION
E402 - SANDSPIT INN - PHOTOS
E500 - LUMINAIRE SCHEDULE
E501 - PANEL SCHEDULES
E600 - DETAILS AND SINGLE LINE DIAGRAMS

	SURFACE MOUNTED OR SUSPENDED LED LUMINAIRE, 1'x4'		DIRECTIONAL / AIMED LUMINAIRE (ARROW INDICATES DIRECTION)
	SURFACE MOUNTED OR SUSPENDED LED LUMINAIRE, 2'x4'		TRACK LIGHT (# OF HEADS AS SHOWN, LENGTH AS INDICATED)
	SURFACE MOUNTED OR SUSPENDED LED LUMINAIRE, 2'x2'		LOW VOLTAGE SWITCH (30V OR LESS)
	RECESSED LED LUMINAIRE, 1'x4'		LOW VOLTAGE DIMMER SWITCH
	RECESSED LED LUMINAIRE, 2'x4'		LINE VOLTAGE SWITCH (120V TO 347V)
	RECESSED LED LUMINAIRE, 2'x2'		LINE VOLTAGE DIMMER SWITCH
	LED STRIP LUMINAIRE, 4'		LINE VOLTAGE SWITCH c/w OCCUPANCY SENSOR
	LED STRIP LUMINAIRE, 3'		CEILING MOUNTED LIGHTING OCCUPANCY SENSOR (TYPE AS INDICATED)
	LED STRIP LUMINAIRE, 2'		WALL MOUNTED LIGHTING OCCUPANCY SENSOR (TYPE AS INDICATED)
	WALL MOUNTED LINEAR LED LUMINAIRE, 4'		PHOTOCELL (EXTERIOR, TYPE AS INDICATED)
	WALL MOUNTED LINEAR LED LUMINAIRE, 3'		DAYLIGHT SENSOR (INTERIOR PHOTOCELL, TYPE AS INDICATED)
	WALL MOUNTED LINEAR LED LUMINAIRE, 2'		COMBINATION EXIT SIGN/EMERG. LTG. BATTERY PACK
	RECESSED LUMINAIRE / POT LIGHT, 6" DIAMETER OR LARGER		CEILING MOUNTED EXIT SIGN (TEXT ON SHADED SIDES, ARROWS AS INDICATED)
	RECESSED LUMINAIRE / POT LIGHT, LESS THAN 6" DIAMETER		WALL MOUNTED EXIT SIGN (TEXT ON SHADED SIDES, ARROWS AS INDICATED)
	SURFACE MOUNTED OR SUSPENDED LUMINAIRE		EMERG. LTG. BATTERY PACK (# OF LAMPS AS SHOWN)
	WALL MOUNTED LUMINAIRE		CEILING MOUNTED EMERG. LTG. REMOTE HEAD (# OF LAMPS AS SHOWN)
	POLE MOUNTED LUMINAIRE (SINGLE HEAD)		WALL MOUNTED EMERG. LTG. REMOTE HEAD (# OF LAMPS AS SHOWN)
	POLE MOUNTED LUMINAIRE (DOUBLE HEAD)		
	ELECTRICAL PANEL BOARD		

**GENERAL RENOVATION NOTES:**

- EMERGENCY LIGHTING BATTERY PACKS - ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW BATTERY PACK/DUAL HEAD EMERGENCY LIGHTING TO REPLACE EXISTING NON-FUNCTIONAL EQUIPMENT AS DISCOVERED DURING RENOVATION. ALLOW FOR 4, 320W, 24VDC STEEL BATTERY UNITS WITH TWO HEADS PER BUILDING (12 IN TOTAL). ALLOW FOR 8 REMOTE DOUBLE HEADS (24 IN TOTAL).
- ALL EXISTING LINE SWITCHES TO BE REPLACED WITH NEW DECORA STYLE SWITCHES, LINE VOLTAGE DIMMERS AND PIR/ULTRASONIC DUAL TECHNOLOGY ON/OFF/AUTO OCCUPANCY SENSOR SWITCHES AS INDICATED ON DRAWINGS. NOT ALL SWITCHES MAY BE SHOWN ON DRAWINGS. ALLOW AN ADDITIONAL 10 LINE VOLTAGE SWITCHES, 4 SPARE LINE VOLTAGE DIMMERS, 5 SPARE LINE VOLTAGE OCCUPANCY SENSOR SWITCHES TO ACCOUNT FOR SWITCHES NOT SHOWN ON DRAWINGS.
- ALL EXIT SIGNS TO BE REPLACED WITH NEW. FOR ATB PUBLIC SPACES, PROVIDE GREEN EDGE-LIT PICTOGRAM EXIT SIGNS. FOR ALL OTHER AREAS PROVIDE STEEL OR PLASTIC PICTOGRAM EXIT SIGNS.
- ELECTRICAL CONTRACTOR TO DETERMINE EXISTING LIGHTING CIRCUITS FOR ALL AREAS AND MARK ON AS-BUILT DRAWINGS. ANY CIRCUITING OR SOURCE INFORMATION SHOWN ON DRAWINGS IS FOR REFERENCE ONLY, AND ALL LABELING FOUND ON SITE IS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORK IN THAT AREA.
- UNLESS OTHERWISE NOTED, ALL EXISTING LUMINAIRES BEING REMOVED ARE TO BE REMOVED FROM SITE AND DISPOSED OF/RECYCLED BY CONTRACTOR.
- ALL EXISTING WIRING, CONDUIT, HARDWARE, ETC BEING REMOVED IS TO BE REMOVED FROM SITE AND DISPOSED OF/RECYCLED BY CONTRACTOR.

**BC HYDRO ENERGY INCENTIVES**

ALL NEW LUMINAIRES QUALIFY FOR BC HYDRO ENERGY CONSUMPTION REDUCTION INCENTIVES. ELECTRICAL CONTRACTOR TO COORDINATE INCENTIVE WITH BC HYDRO AND PROVIDE ALL REQUIRED DOCUMENTATION ON BEHALF OF TRANSPORT CANADA. REFER TO SUMMARY OF WORK SPECIFICATION SECTION FOR MORE INFORMATION.

**ASHRAE 90.1 COMPLIANCE**

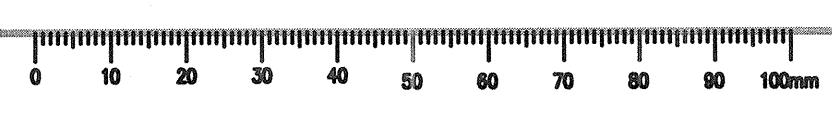
LIGHTING RENOVATION HAS BEEN DESIGNED TO ACHIEVE FULL ASHRAE 90.1 COMPLIANCE FOR AREAS AND SYSTEMS WITHIN THE SCOPE OF WORK. HOWEVER THIS RENOVATION WILL NOT PROVIDE FULL ASHRAE COMPLIANCE FOR ALL BUILDINGS AND ALL AREAS, AS THE EXISTING, NON-ASHRAE COMPLIANT LIGHTING CONTROL SYSTEMS ARE DEEMED TO BE OUT OF THE SCOPE OF WORK OF THIS PROJECT.

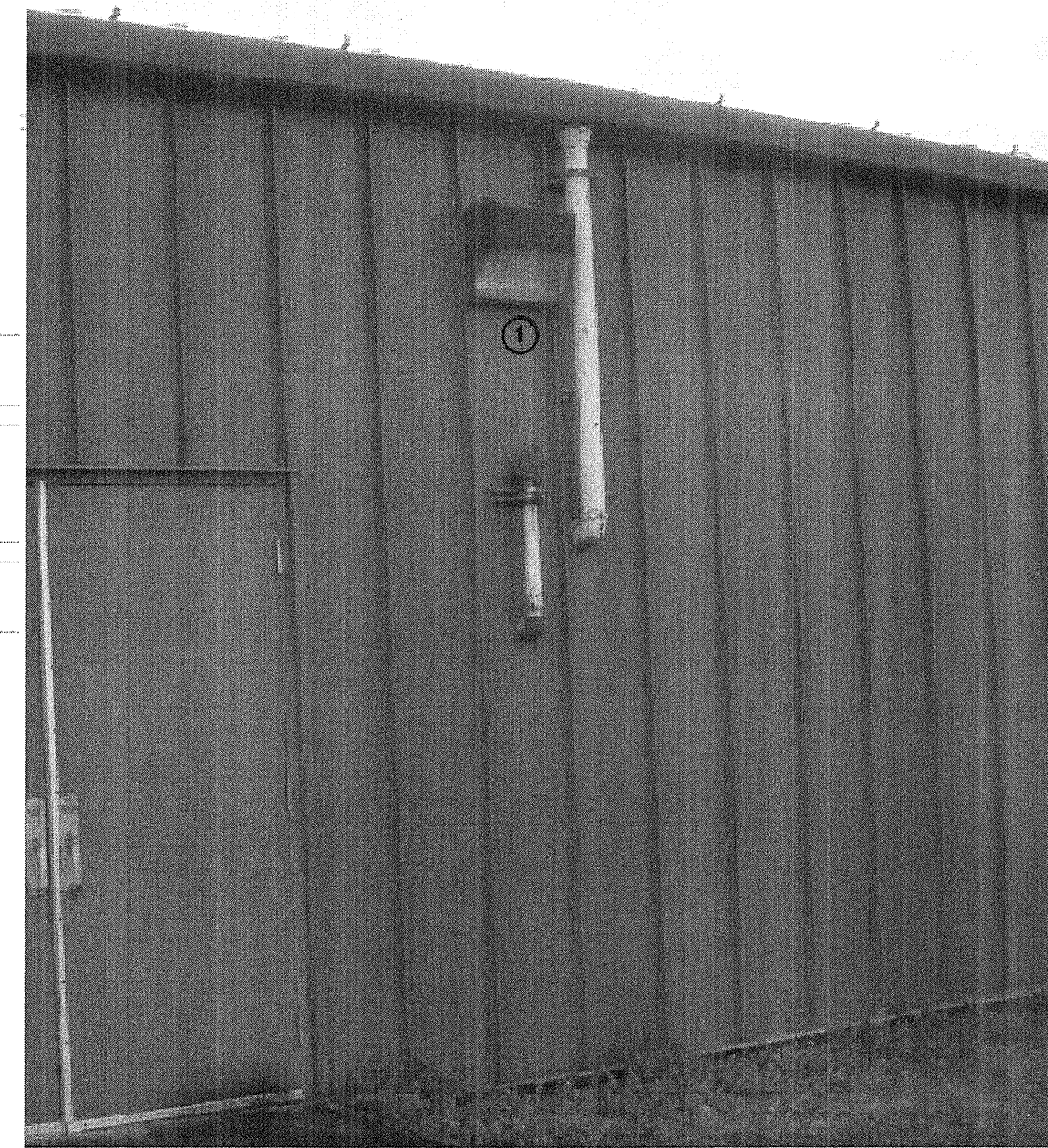
INTERIOR LIGHTING POWER DENSITY ALLOWANCES ARE WITHIN VALUES PROVIDED BY TABLE 9.5.1 FOR ALL RENOVATED AREAS (ALL BUILDINGS, ALL ROOMS, WITH EXCEPTION OF CSB EQUIPMENT ROOM 209)

EXTERIOR LIGHTING POWER ALLOWANCES ARE WITHIN VALUES PROVIDED BY TABLE 9.4.3B.

ATB AREAS SERVED BY NEW LOW VOLTAGE LIGHTING CONTROL SYSTEM ARE COMPLIANT WITH SECTION 9.4.1 WITH ALLOWANCES FOR TIME CLOCK CONTROL, OCCUPANCY SENSING AND DAYLIGHT DIMMING AS REQUIRED.

AREAS WHERE RENOVATION IS LIMITED TO SWITCH REPLACEMENT WILL ACHIEVE COMPLIANCE WITH 4.4.1 WHERE NEW OCCUPANCY SENSORS ARE PROVIDED, HOWEVER SINCE THE EXISTING LIGHTING CONTROL WIRING IS NOT INCLUDED WITHIN THE SCOPE OF THIS PROJECT, ASHRAE COMPLIANCE WILL REMAIN AS PER EXISTING CONDITION.

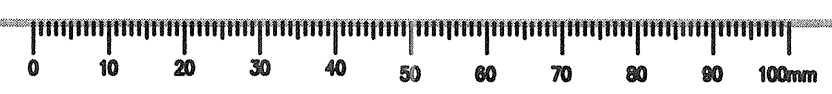




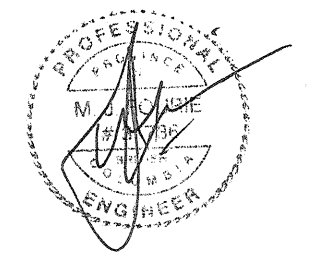
3 EXISTING WALL MOUNTED LUMINAIRE  
E200



1 SANDSPIT AIRPORT (YZP) - SITE PLAN  
E001 1:1000



SEAL:



JUN 27 2018

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TRANSPORT CANADA

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**SANDSPIT, B.C.**  
TRANSPORT CANADA  
SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

Consultant Signature Only

Designed by/Concept par  
JD

Drawn by/Dessiné par  
JD

FWGSC Project Manager/Administrateur de Projets TFSGC  
NEDA NADERI

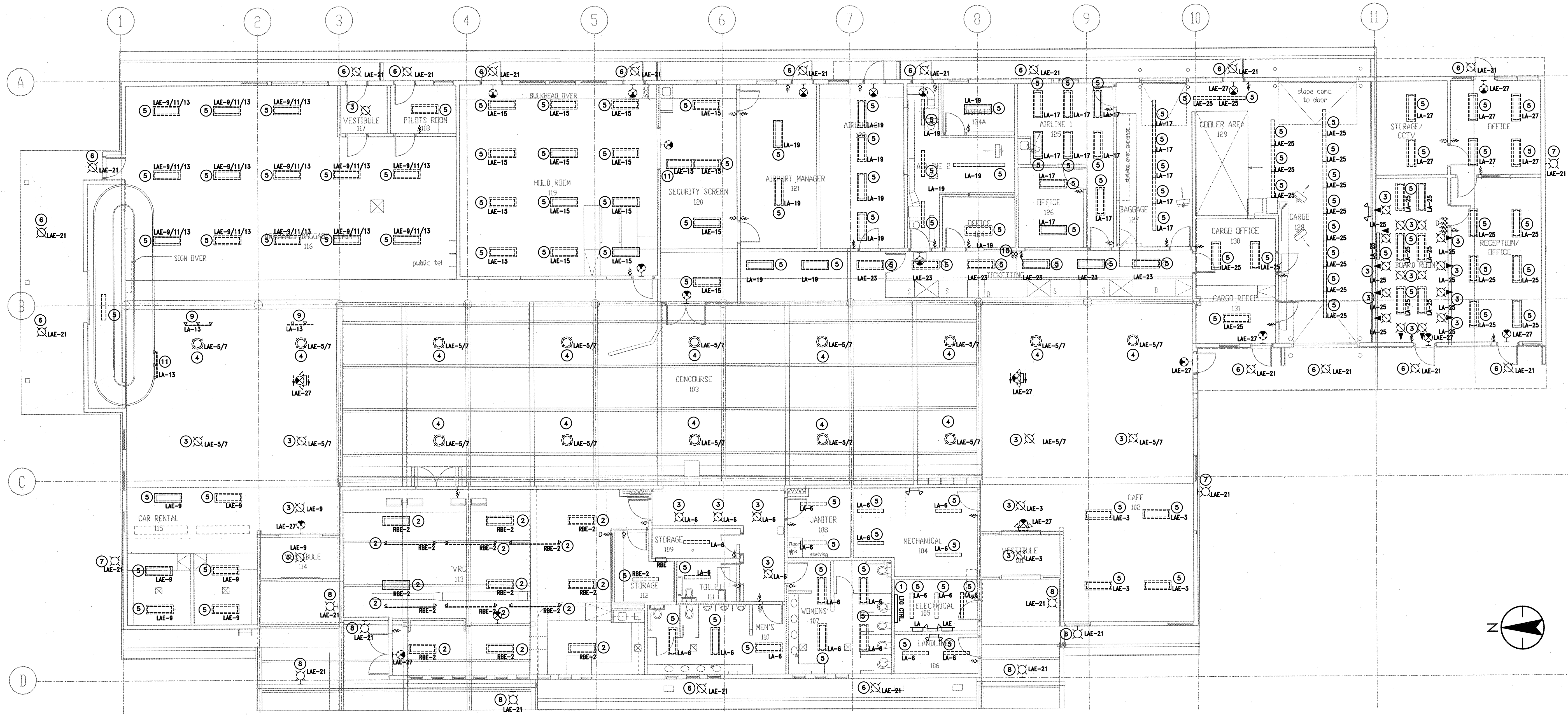
Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architecture et de génie, TFSGC  
MARK BURGER

Drawing title/Titre du dessin  
**SITE PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.089425.001	E001	0

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**GENERAL NOTES - LIGHTING DEMOLITION - ATB**

1. ALL EXISTING LIGHTING WITHIN THE PROPOSED PLANS ARE TO BE REMOVED UNLESS OTHERWISE NOTED OTHERWISE BY OTHER NOTES AND EXCEPT AS NOTED BY THIS NOTE.
2. ALL EXISTING LIGHTING TO BE REMOVED SHALL BE REMOVED TO THE CONSTRUCTION SITE AND STORED IN AN APPROPRIATE MANNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF ALL EXISTING LIGHTING TO BE REMOVED. EXISTING LIGHTING TO BE REMOVED SHALL BE STORED IN AN APPROPRIATE MANNER AND NOT TO BE RE-USED FOR ANY OTHER PURPOSE.
3. CONTRACTOR TO VERIFY QUANTITY AND LOCATION OF EXISTING LIGHTING TO BE REMOVED AND REPORT TO THE ARCHITECT IMMEDIATELY UPON IDENTIFICATION OF ANY DISCREPANCIES.
4. VERIFY AND REMOVE EXISTING LIGHTING TO BE REMOVED FULLY INCLUDING ALL NORMAL CONNECTIONS AND WIRING TO BE REMOVED. REFER TO SECTION 11 FOR WIRING DEMOLITION.

**KEY NOTES**

1. EXISTING LIGHTING CONTROL RELAY CABINETS TO BE REMOVED, WIRING TO BE REMOVED AND LABELLED FOR RE-USE WITH NEW RELAY PANEL W-218-1. EXISTING TIME CLOCK AND ALL OTHER EQUIPMENT TO BE REMOVED. REMOVED RELAY CABINETS TO BE RE-USED.
2. EXISTING LIGHTING CONTROL RELAY CABINETS TO BE REMOVED, WIRING TO BE REMOVED AND LABELLED FOR RE-USE WITH NEW RELAY PANEL W-218-1. EXISTING TIME CLOCK AND ALL OTHER EQUIPMENT TO BE REMOVED. REMOVED RELAY CABINETS TO BE RE-USED.
3. EXISTING RECESSED DOWNLIGHT TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED RECESSED DOWNLIGHT.
4. EXISTING RECESSED DOWNLIGHT TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED RECESSED DOWNLIGHT.
5. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
6. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
7. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
8. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
9. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
10. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.
11. EXISTING TRACK LIGHTING TO BE REMOVED, INCLUDING TO BE REMOVED TO BE RE-USED WITH LED TRACK LIGHTING.

**1 AIR TERMINAL BUILDING - EXISTING LIGHTING / DEMOLITION**  
E100 1:100

SEAL:

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TRANSPORT CANADA

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**SANDSPIT, B.C.**  
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**LIGHTING UPGRADE**

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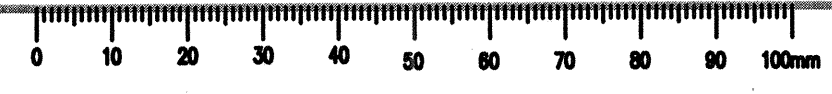
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NEDA NADERI

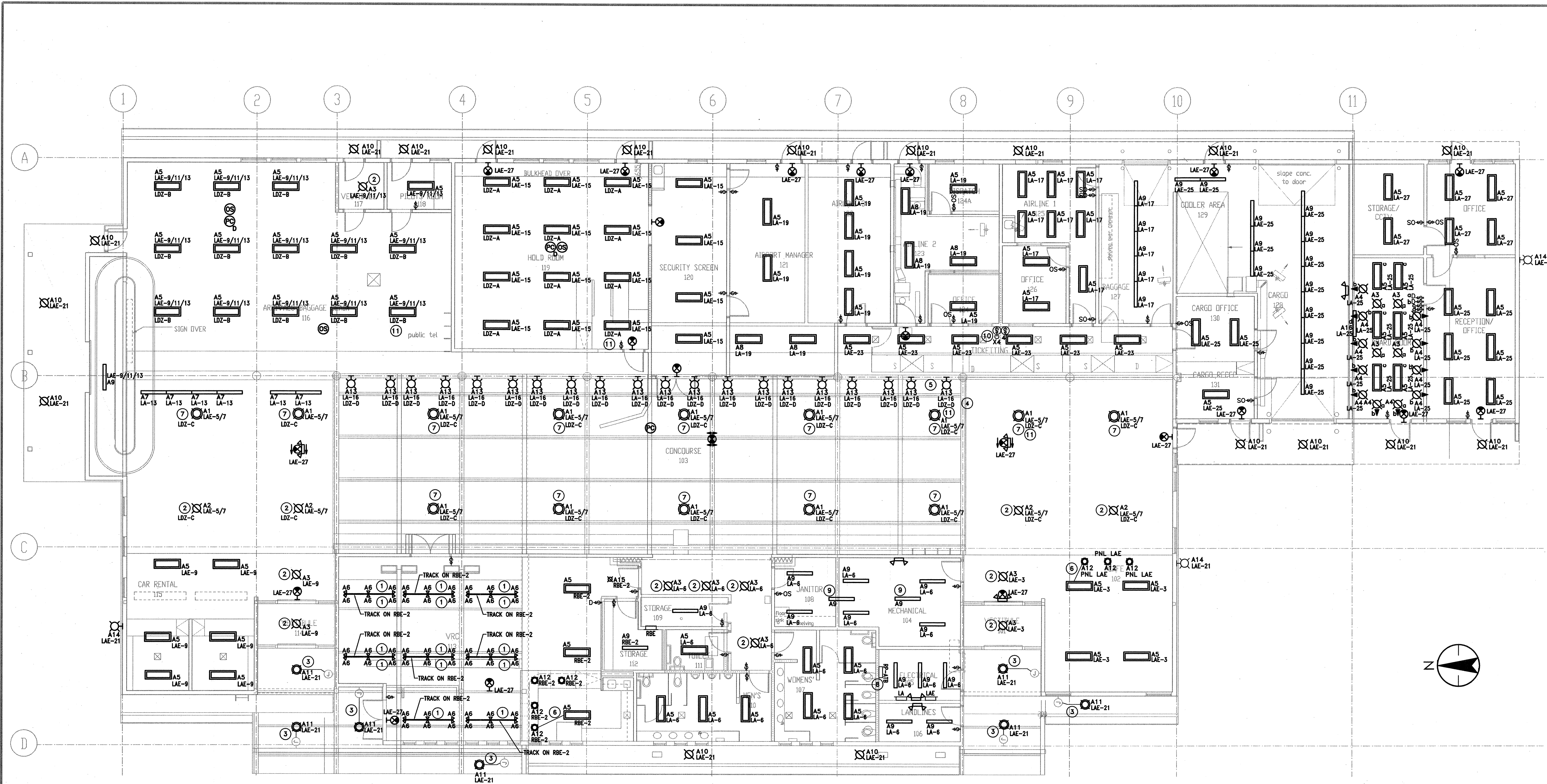
Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architecture et de génie, TPSGC  
MARK BURGER

Drawing title/Titre du dessin  
**AIR TERMINAL BUILDING  
 LIGHTING DEMOLITION**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.089425.001	E100	0

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- GENERAL NOTES**
- ALL NEW LUMINAIRES INDICATED ARE TO BE POWERED FROM EXISTING CIRCUITS, RE-USE WIRING AND BACK BOXES.
  - UNLESS OTHERWISE NOTED BY KEY NOTE, ALL LUMINAIRES SHOWN ARE TO BE INSTALLED IN EXACT LOCATION AS EXISTING LUMINAIRE SUCH THAT PAINT AND DRYWALL REPAIR IS MINIMAL. NOTE THAT DEPENDING ON LOCATION OF EXISTING CONNECTIONS, MINOR DRYWALL REPAIR AND PAINTING MAY BE REQUIRED TO REPAIR DAMAGE FROM SCREWS OR EXISTING FIXTURE MOUNTING. ELECTRICAL CONTRACTOR TO INCLUDE ALL COSTS TO BRING CEILING TO EQUIVALENT OR BETTER CONDITION THAN EXISTING.
  - ALL EXISTING LIGHT SWITCHES ARE TO BE REPLACED WITH NEW DECORA STYLE ON/OFF, ON/OFF/OCCUPANCY SENSOR, OR LINE VOLTAGE DIMMER AS INDICATED AND NEW STAINLESS STEEL COVER PLATES ALLOW FOR SPARE SWITCHES AS INDICATED IN LIGHTING CONTROL SPECIFICATION TO ACCOUNT FOR EXISTING SWITCHES WHICH MAY NOT BE SHOWN ON DRAWINGS.
  - ALL CIRCUIT INFO SHOWN IS TO DEMONSTRATE INTENT ONLY AND IS BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHERS. WHERE MULTIPLE CIRCUITS ARE SHOWN ON SINGLE LUMINAIRE AREA IS CIRCUITED FROM MULTIPLE BREAKERS AS INDICATED ON EXISTING PANEL SCHEDULES. EXISTING DOCUMENTATION IS NOT CLEAR WHICH LUMINAIRES ARE ON WHICH CIRCUITS. ELECTRICAL CONTRACTOR TO CONFIRM ALL CIRCUITS SHOWN PRIOR TO COMMENCING WORK. RECORD ALL FINAL CIRCUITS ON AS-BUILT DRAWINGS.
  - ALL EXIT SIGNS TO BE REPLACED WITH NEW. PROVIDE EDGE LIT PICTOGRAM EXIT SIGNS IN AREAS ACCESSIBLE TO PUBLIC, AND PLASTIC PICTOGRAM EXIT SIGNS IN BACK OF HOUSE/STAFF ONLY AREAS.
  - CONTRACTOR TO CONFIRM ALL ROOM NAMES AND NUMBERS WITH TRANSPORT CANADA MANAGEMENT PRIOR TO PANEL SCHEDULE LABELLING, CONTROLS COMMISSIONING, ETC AND NOTE CORRECT NUMBER ON AS-BUILTS AND ALL O&M MANUAL MATERIALS.

**1 AIR TERMINAL BUILDING - LIGHTING RENOVATION KEY NOTES**  
E101 1:100

- NEW TRACK LIGHTING TO BE MOUNTED ON EXISTING RETAINED UNISTRUT SYSTEM. EXTEND EXISTING CIRCUIT FROM RETAINED JUNCTION BOX TO NEW LUMINAIRE POWER CONNECTION LOCATIONS. NEW WIRING TO BE #12 Cu R90 IN EMT CONDUIT, CONDUIT TO BE PAINTED BLACK TO MATCH EXISTING UNISTRUT SYSTEM.
- LED RETROFIT RECESSED LUMINAIRE - RE-USE EXISTING HOUSING AND ELECTRICAL CONNECTIONS.
- LUMINAIRE IN NEW LOCATION - EXTEND WIRING AND CONDUIT FROM EXISTING JUNCTION BOX AS INDICATED. CONDUIT TO BE SURFACE MOUNTED RGS PAINTED TO MATCH SOFFET.
- PROVIDE NEW 15A, 120V CIRCUIT FROM EXISTING PANEL LA (LA-16) FOR NEW TYPE A13 LIGHTING. PROVIDE NEW #12Cu CONDUCTORS. WIRING TO BE CONCEALED SUCH THAT IT WILL BE HIDDEN FROM VIEW.
- TYPE A13 LUMINAIRES AND ASSOCIATED WIRING TO BE INSTALLED ON TOP SIDE OF WOODEN BEAM AT APPROXIMATELY 3.0 METERS A.F.F.
- EXTEND EXISTING LIGHTING CIRCUIT FROM ADJACENT TYPE A5 LUMINAIRES TO NEW TYPE A12 LUMINAIRES IN ATTIC SPACE ABOVE.
- NEW TYPE A1 LUMINAIRES TO BE SUSPENDED TO MATCH HEIGHT OF EXISTING LUMINAIRES. ELECTRICAL CONTRACTOR TO HIRE SEISMIC ENGINEER TO PROVIDE RESTRAIN DETAILS AND SCHEDULES.
- NEW LIGHTING RELAY AND CONTROL PANEL RP-AT9 TO REPLACE EXISTING RELAYS MOUNTED IN CABINETS. PROVIDE NEW PANEL AND TIE TO EXISTING RELAY CONTROLLED LIGHTING CIRCUITS AND TO EXISTING BMS SYSTEM VIA BACNET.
- TYPE A5 LUMINAIRE TO REPLACE EXISTING LUMINAIRE LOCATED IN ATTIC SPACE ABOVE MECHANICAL ROOM.
- EXISTING LIGHTING MASTER SWITCHES AND TIMERS LOCATED BEHIND TICKET COUNTER TO BE REPLACED WITH 4 NEW LOW VOLTAGE DIMMER SWITCHES AND ONE 4 BUTTON LOW VOLTAGE MASTER SWITCH. PROVIDE 0-10V DIMMING CONTROLLER ADJACENT TO SWITCHES AND WIRE ALL 0-10V DIMMING ZONES (AS INDICATED BY DIMMING ZONE TAGS) TO DIMMING CONTROLLER. PROVIDE NEW LIGHTING CONTROL ADDRESSABLE LOOP CONNECTION TO LCU IN ELECTRICAL ROOM. REFER TO LIGHTING CONTROL RISER DIAGRAM ON DRAWING E600 FOR DETAILS. NEW WIRING TO BE CONCEALED SUCH THAT IT WILL BE HIDDEN FROM VIEW.
- PROVIDE NEW 0-10V WIRING TO LUMINAIRES IN NEW DIMMING ZONES, INDICATED LDZ- FROM NEW DIMMING MODULE INSTALLED AT MASTER SWITCHES BEHIND TICKETING COUNTER.

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TRANSPORT CANADA

Project Title/Titre du projet  
**SANDSPIT, B.C.**  
TRANSPORT CANADA  
SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

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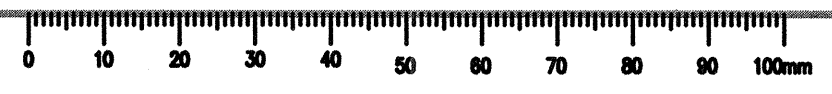
PWGSC Project Manager/Administrateur de Projets TPSGC  
NEDA NADERI

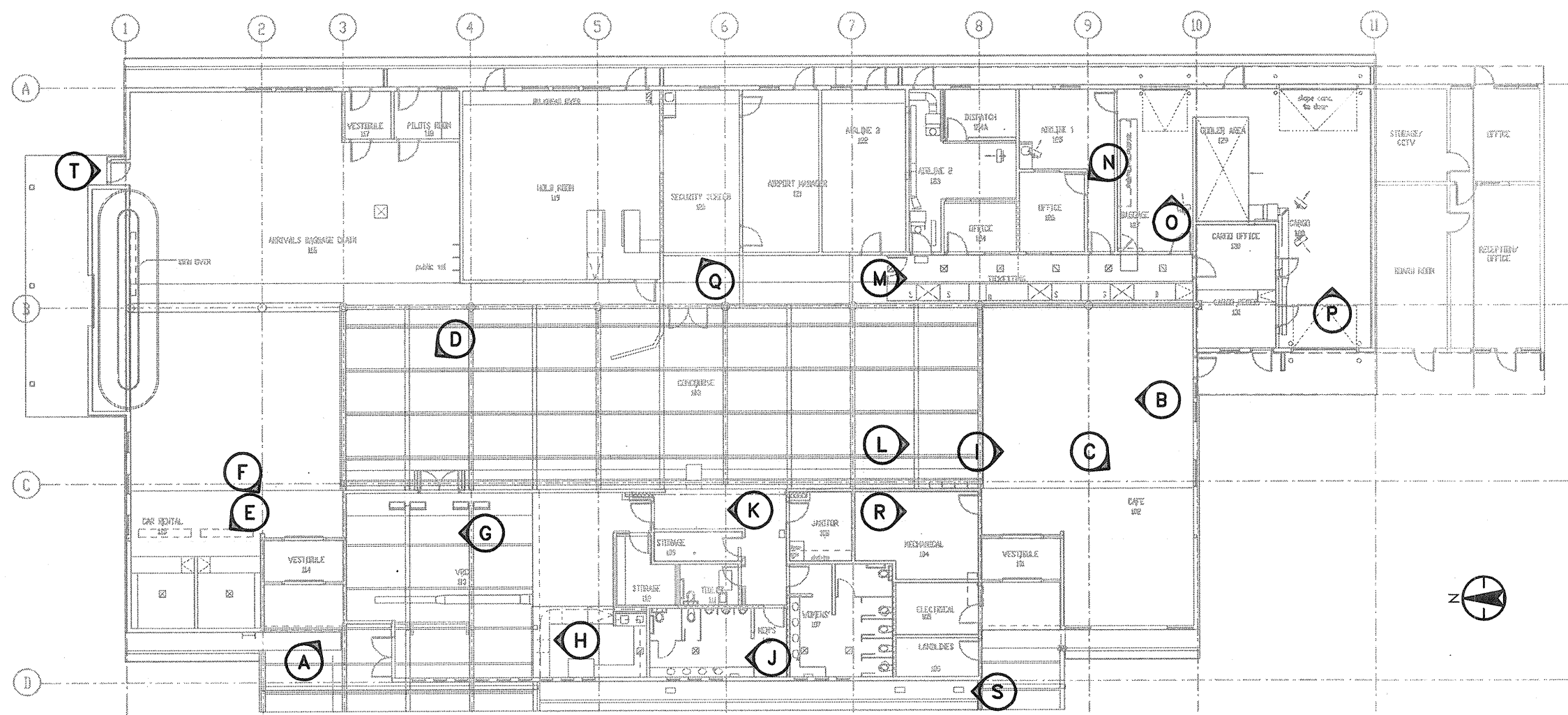
Regional Manager, Architectural and Engineering Services  
Gestionnaire régional, Services d'architecture et de génie, TPSGC  
MARK BURGER

Drawing Title/Titre du dessin  
**AIR TERMINAL BUILDING  
LIGHTING RENOVATION**

Project No./No. du projet <b>R.089425.001</b>	Sheet/Feuille <b>E101</b>	Revision no./La Révision no. <b>0</b>
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**1** AIR TERMINAL BUILDING - PHOTO KEY PLAN  
 E102 1:250



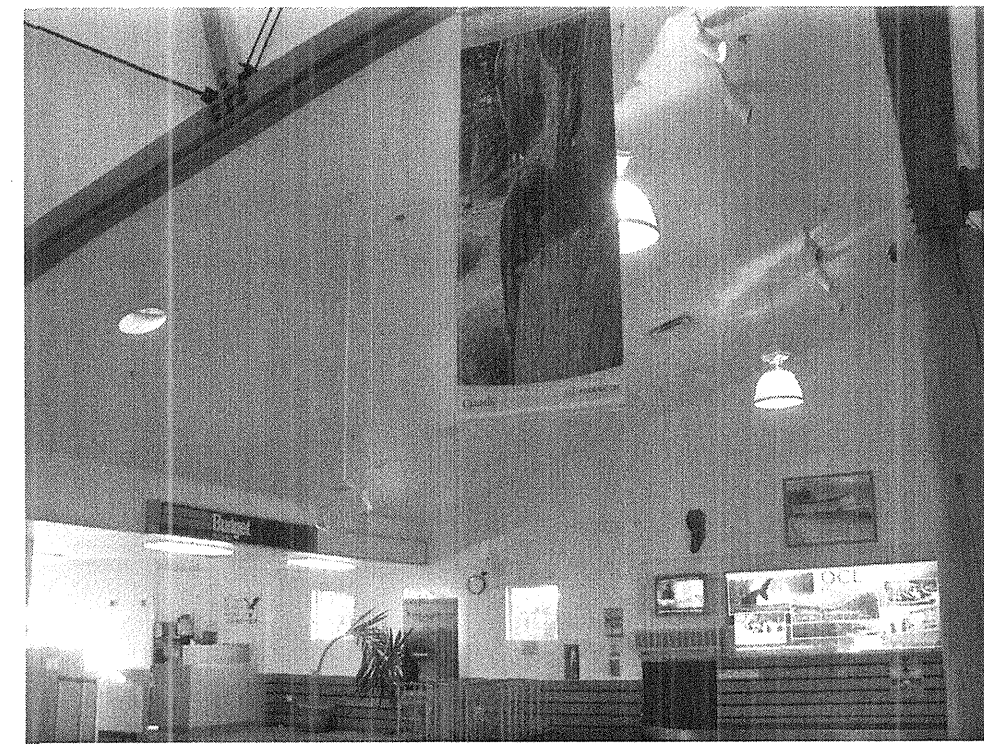
**A** ENTRANCE  
 E102



**B** CONCOURSE  
 E102



**C** CONCOURSE - CAFE  
 E102



**D** CONCOURSE  
 E102



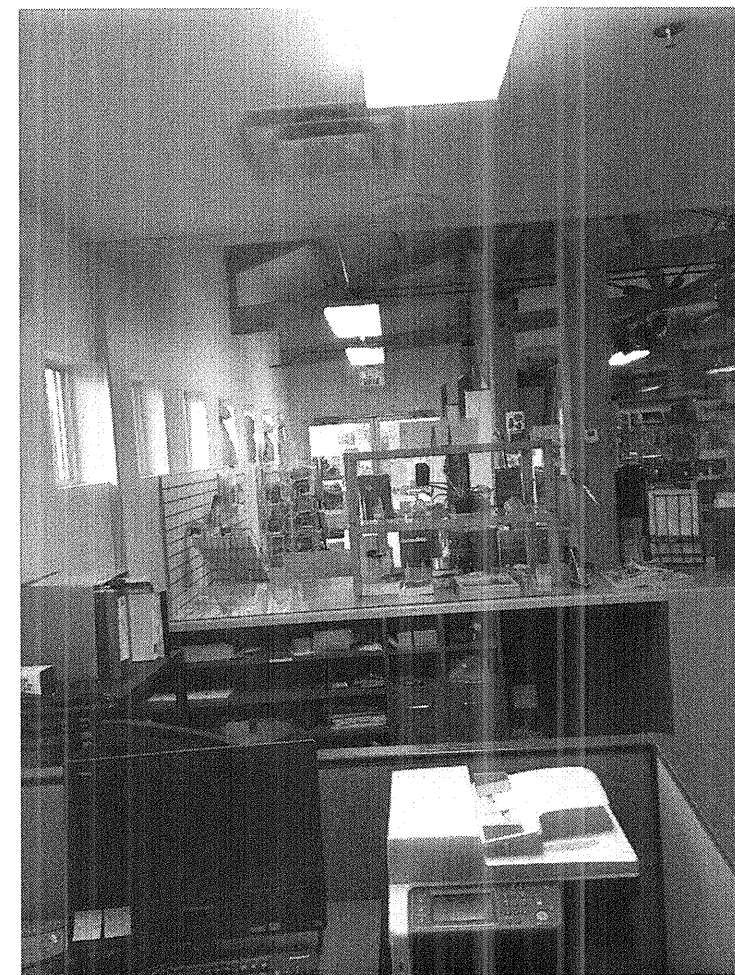
**E** CONCOURSE - CAR RENTAL  
 E102



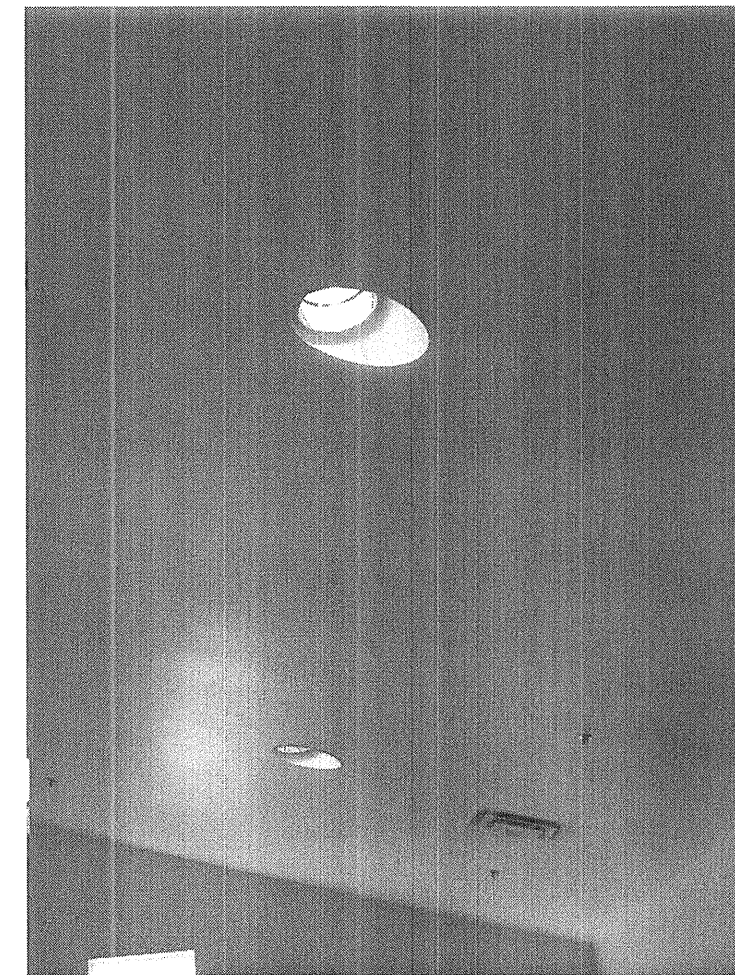
**F** EXIT  
 E102



**G** GIFT SHOP  
 E102



**H** GIFT SHOP  
 E102



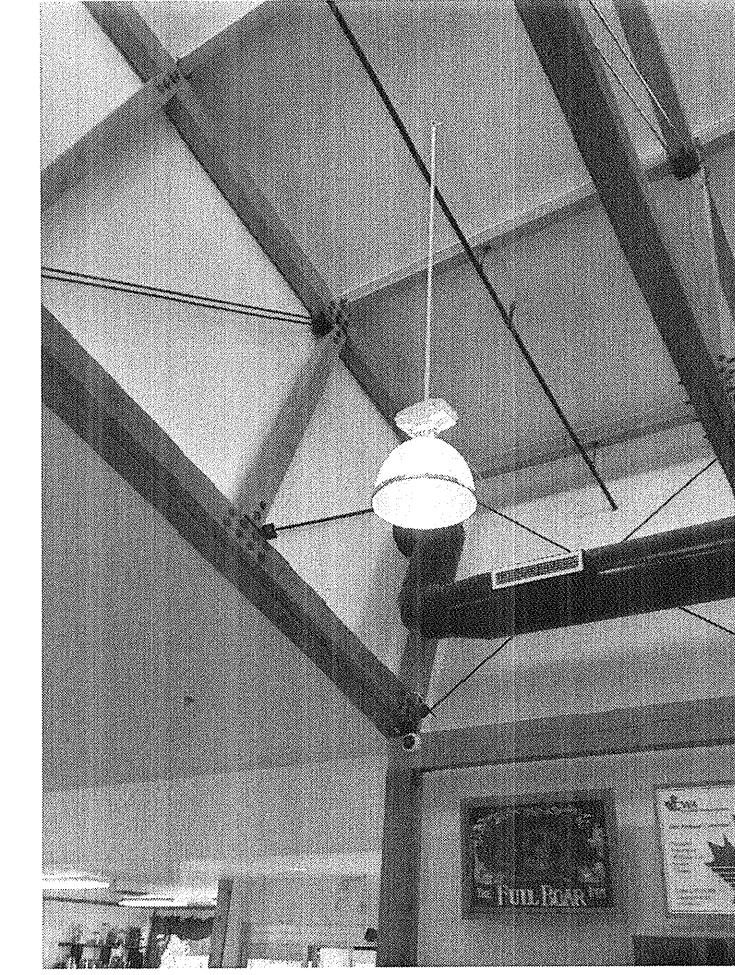
**I** CONCOURSE  
 E102



**J** WASHROOM  
 E102



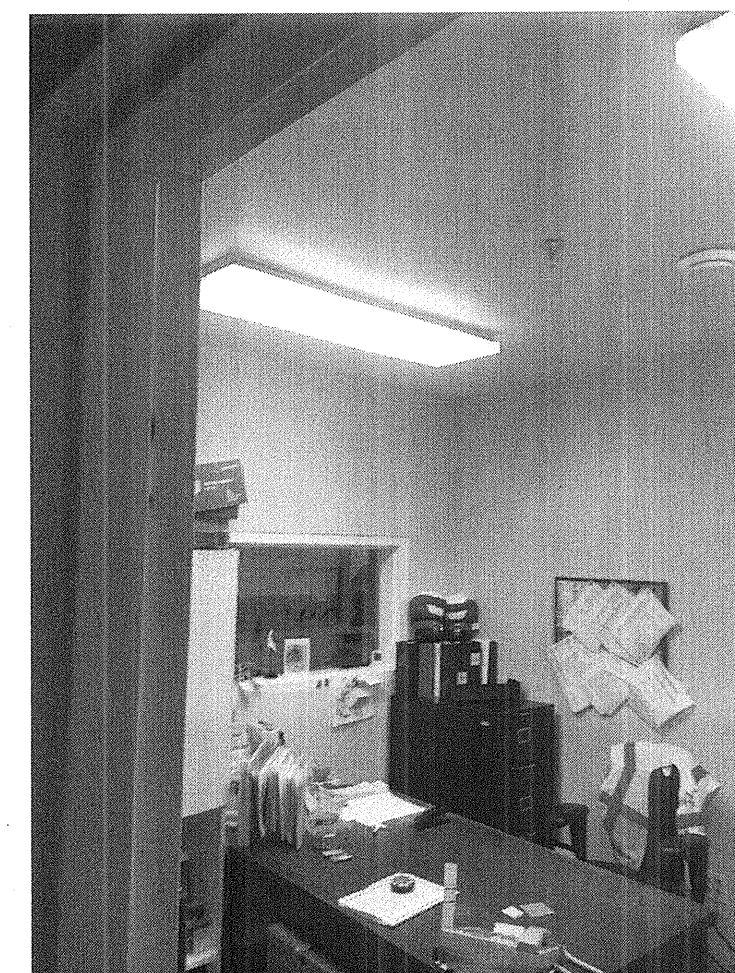
**K** WASHROOM CORRIDOR - CONCOURSE  
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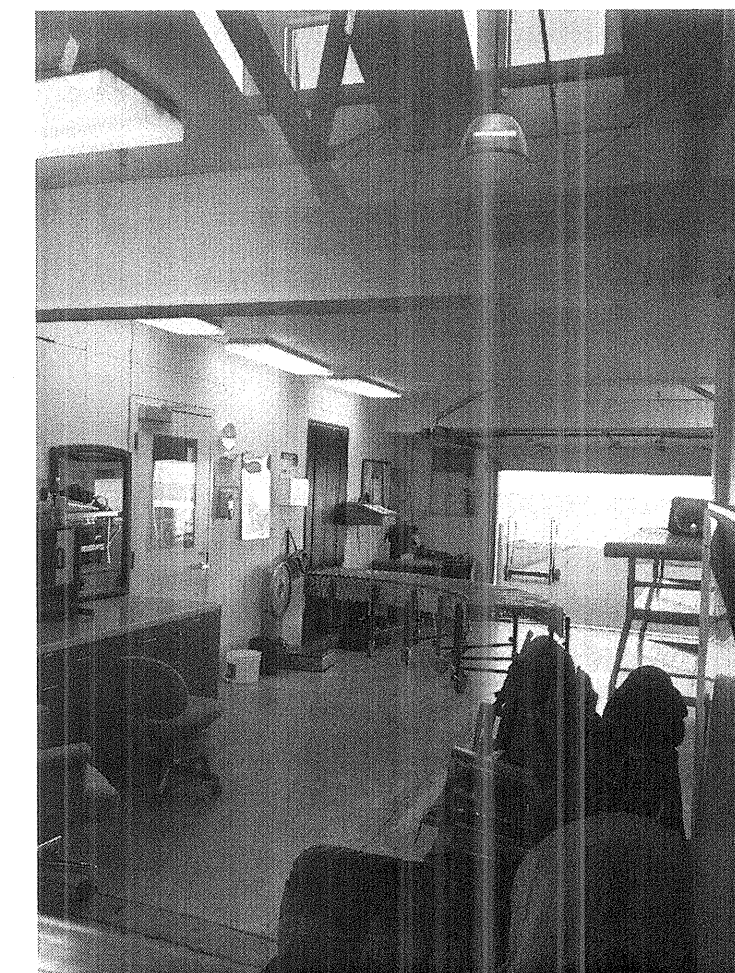
**L** CONCOURSE  
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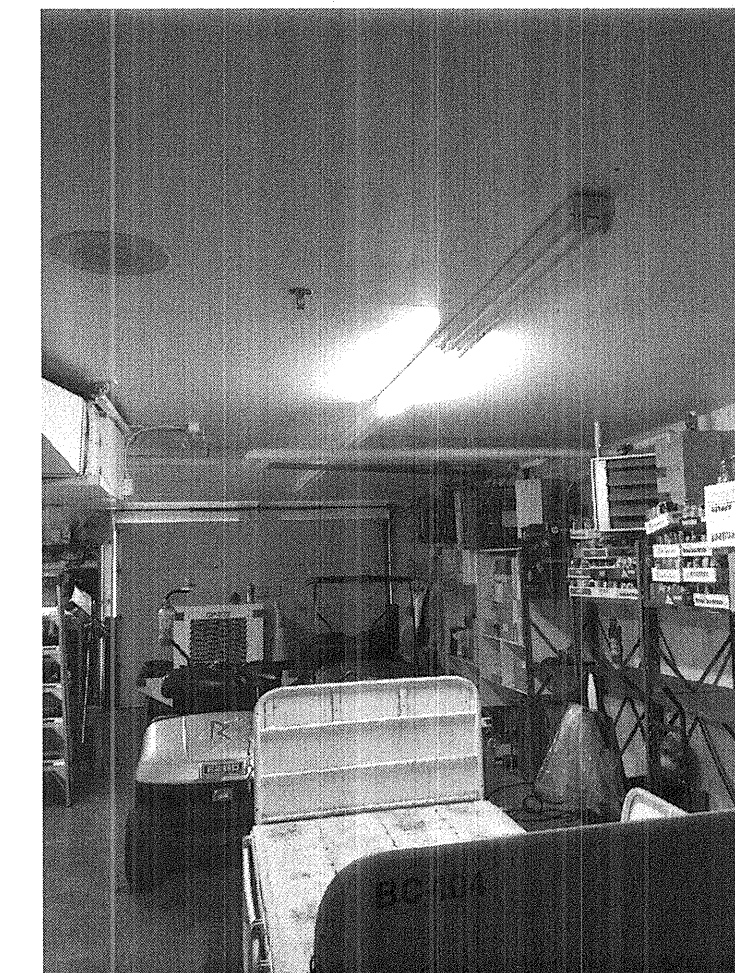
**M** TICKET COUNTER  
 E102



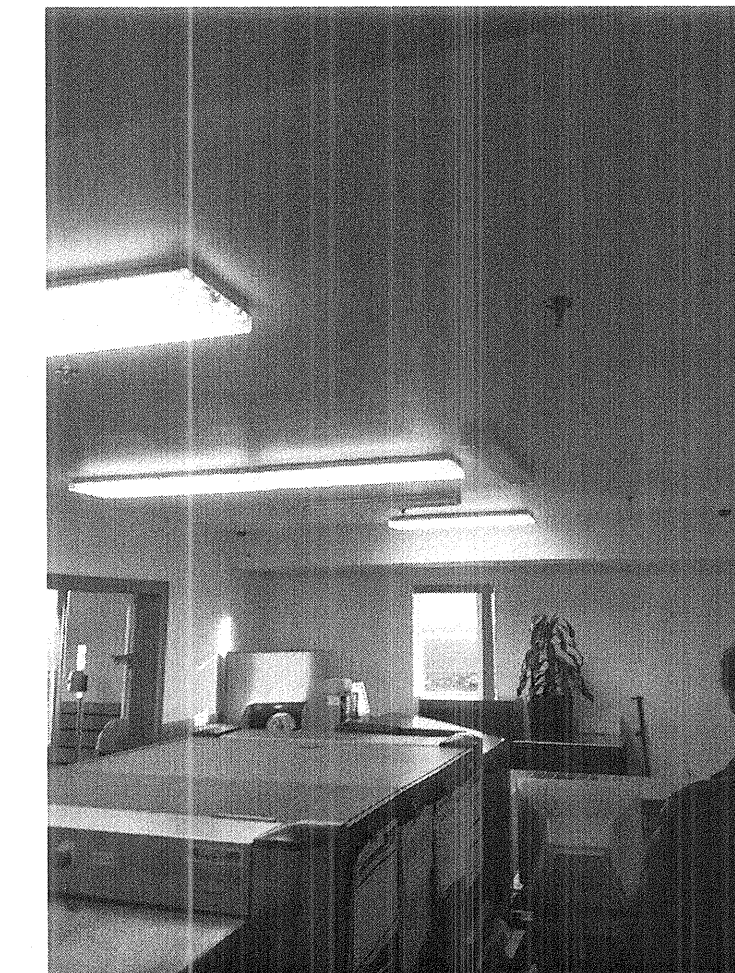
**N** TYPICAL OFFICE  
 E102



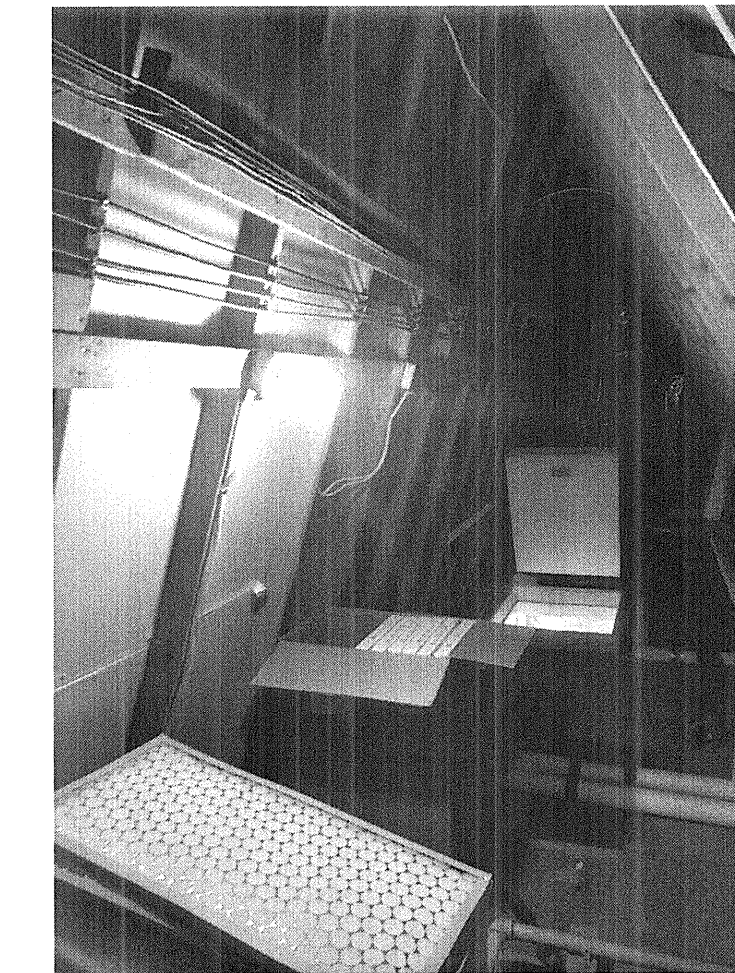
**O** BAGGAGE HAND  
 E102



**P** CARGO  
 E102



**Q** SCREENING  
 E102



**R** ATTIC SPACE  
 E102

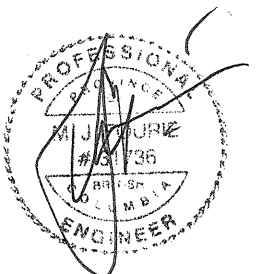


**S** SOFFIT LIGHTING  
 E102



**T** SOFFIT LIGHTING  
 E102

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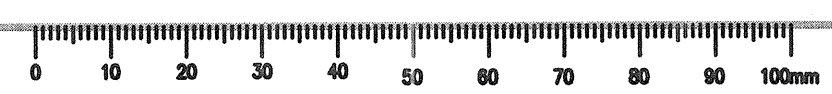
PWGCSC Project Manager/Administrateur de Projets TPSGC  
 NEDA NADERI

Regional Manager, Architectural and Engineering Services  
 Gestionnaire régionale, Services d'architecture et de génie, TPSGC  
 MARK BURGER

Drawing title/Titre du dessin

**AIR TERMINAL BUILDING  
 PHOTOS**

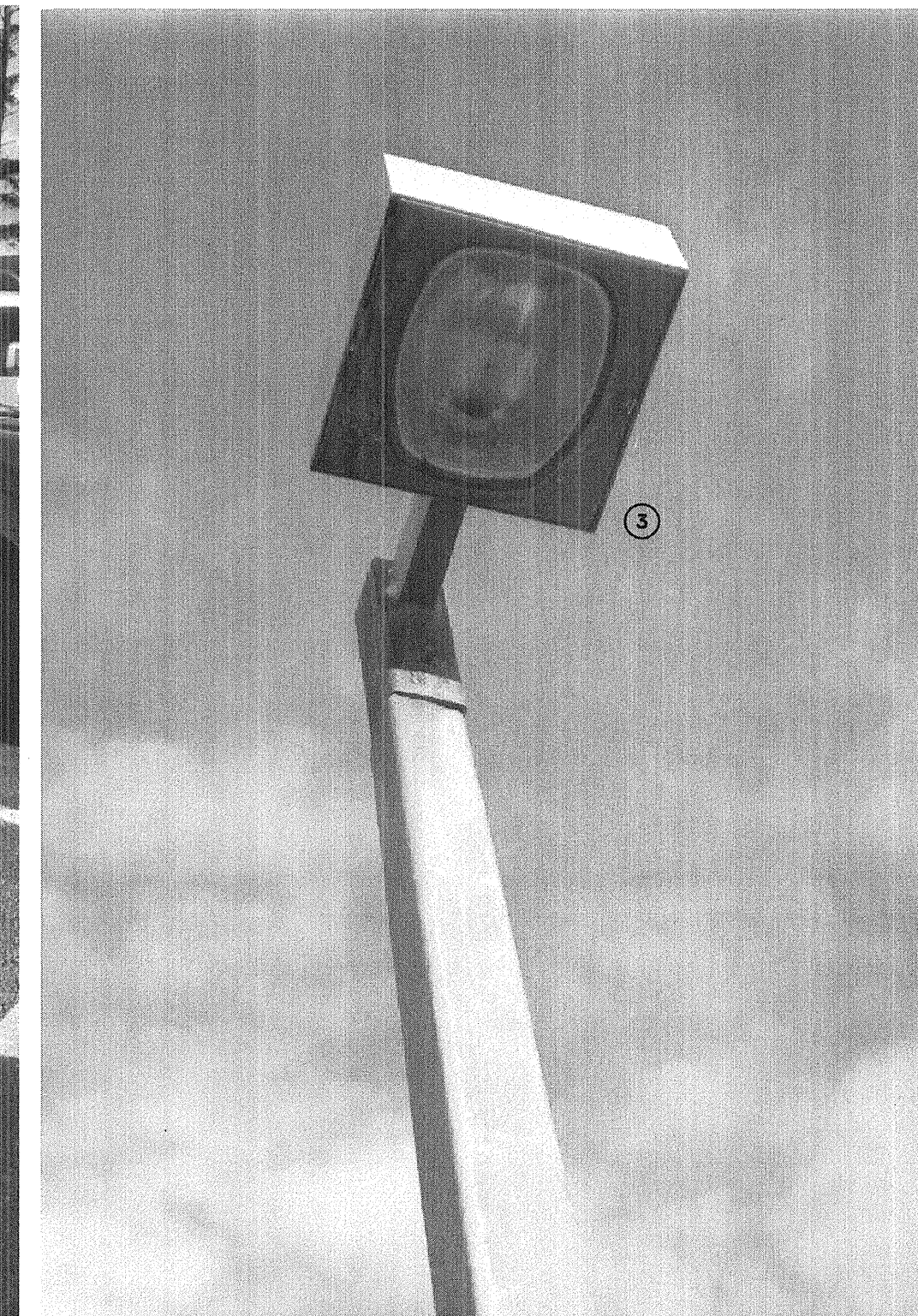
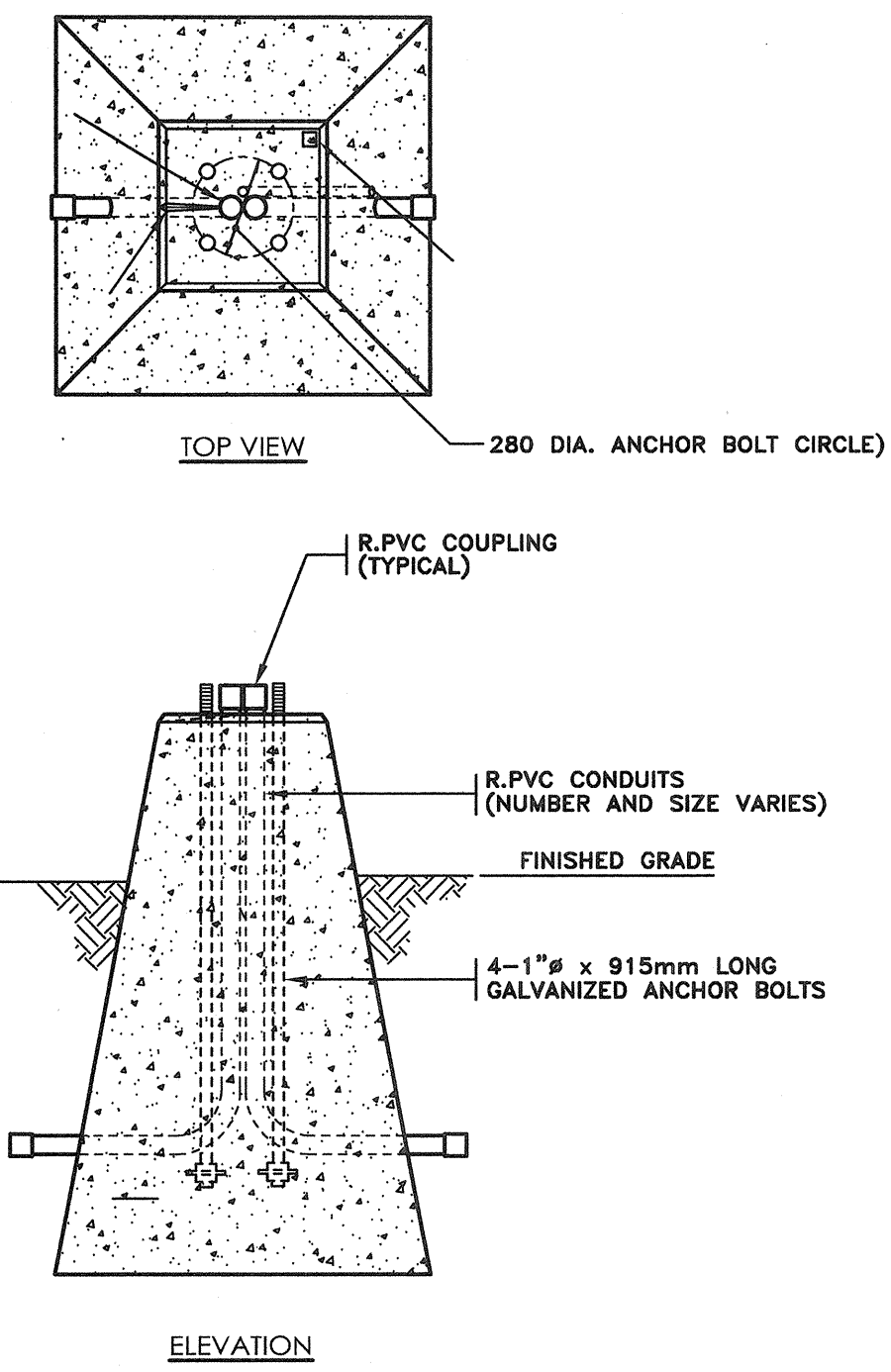
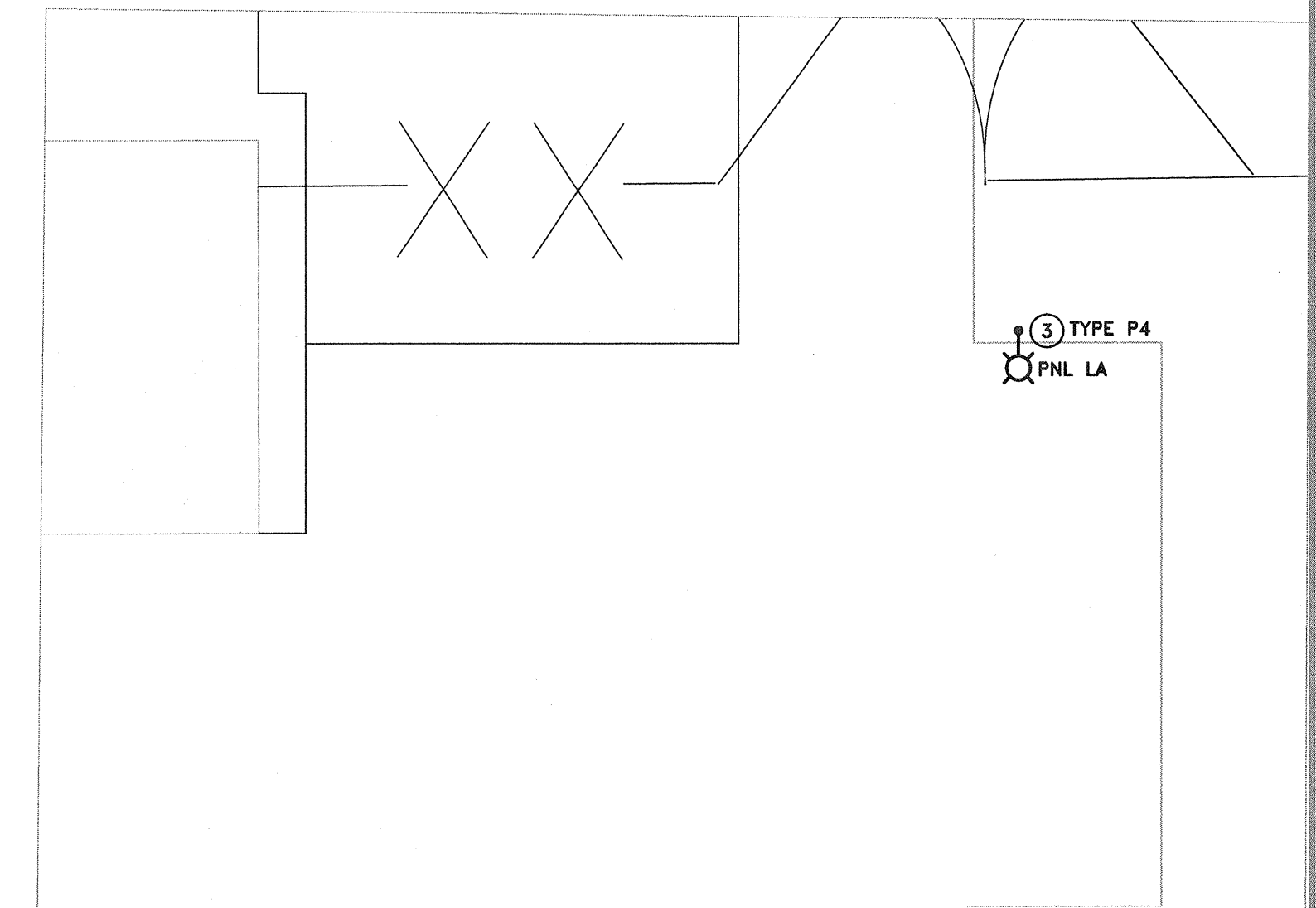
Project No./No. du projet R.089425.001	Sheet/Fauille E102	Revision no./La Révision no. 0
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**KEY NOTES - PARKING LOT**

- ① EXISTING DAVIT POLE AND LUMINAIRES TO BE REMOVED. POLES TO BE REMOVED FROM SITE BY CONTRACTOR, LUMINAIRES TO BE HANDED OVER TO TRANSPORT CANADA. RE-USE EXISTING BASE AND PROVIDE NEW POLE AND LUMINAIRES AS INDICATED IN LUMINAIRE SCHEDULE.
- ② RE-USE EXISTING POWER CONDUCTORS AND CONDUIT FROM SOURCE TO POLE BASE. PROVIDE NEW WIRING UP POLE TO LUMINAIRE. EXISTING GROUNDING CONDUCTOR TO BE TIED TO NEW POLE GROUND BOLT. ALL CONNECTIONS TO BE MADE IN POLE HANDHOLE.
- ③ EXISTING LUMINAIRE TO BE REMOVED. RETAIN POLE AND WIRING FOR RE-USE. REPLACE LUMINAIRE WITH NEW TYPE P4 LUMINAIRE.

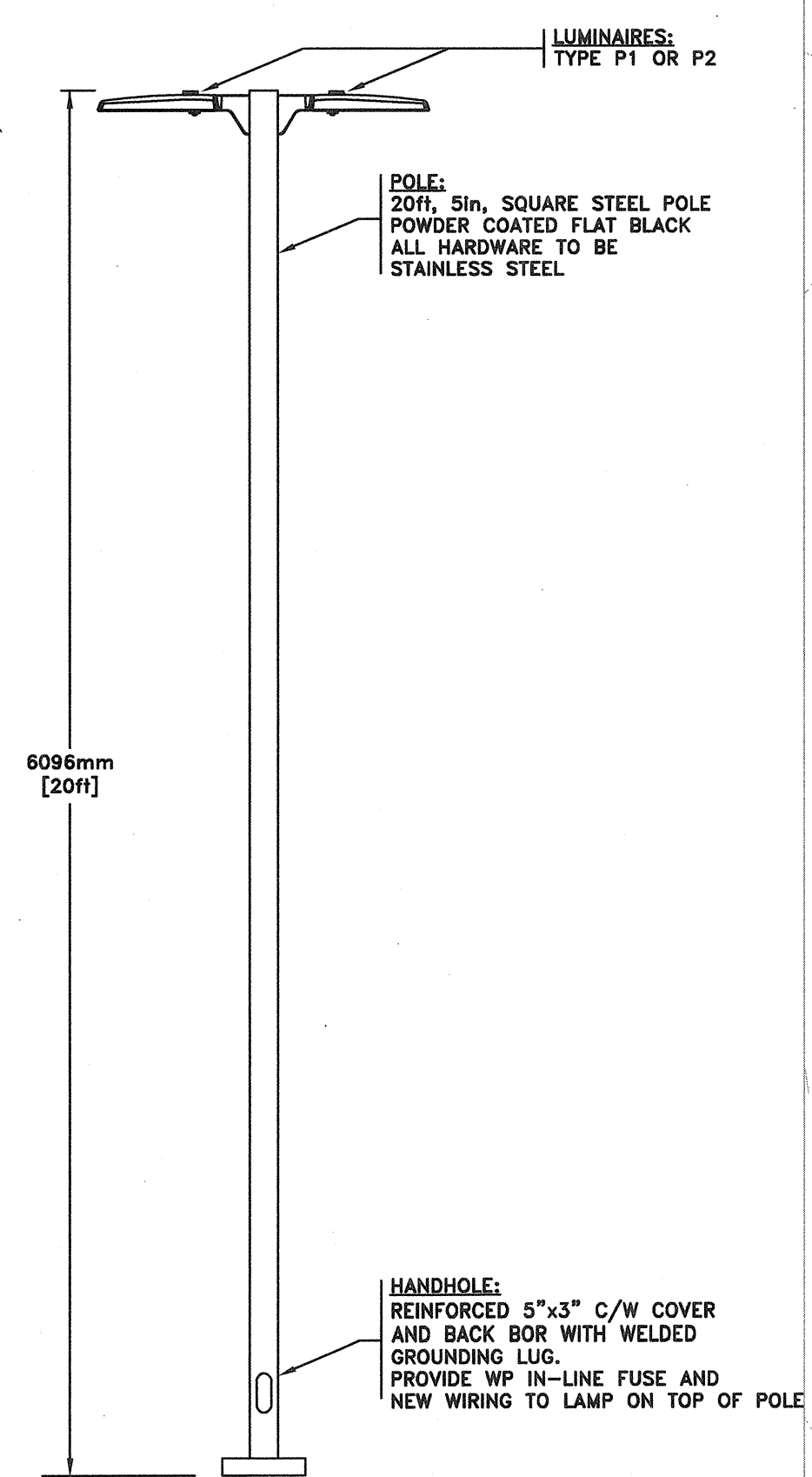


**2 EXISTING POLE BASE**  
 E200 N.T.S.

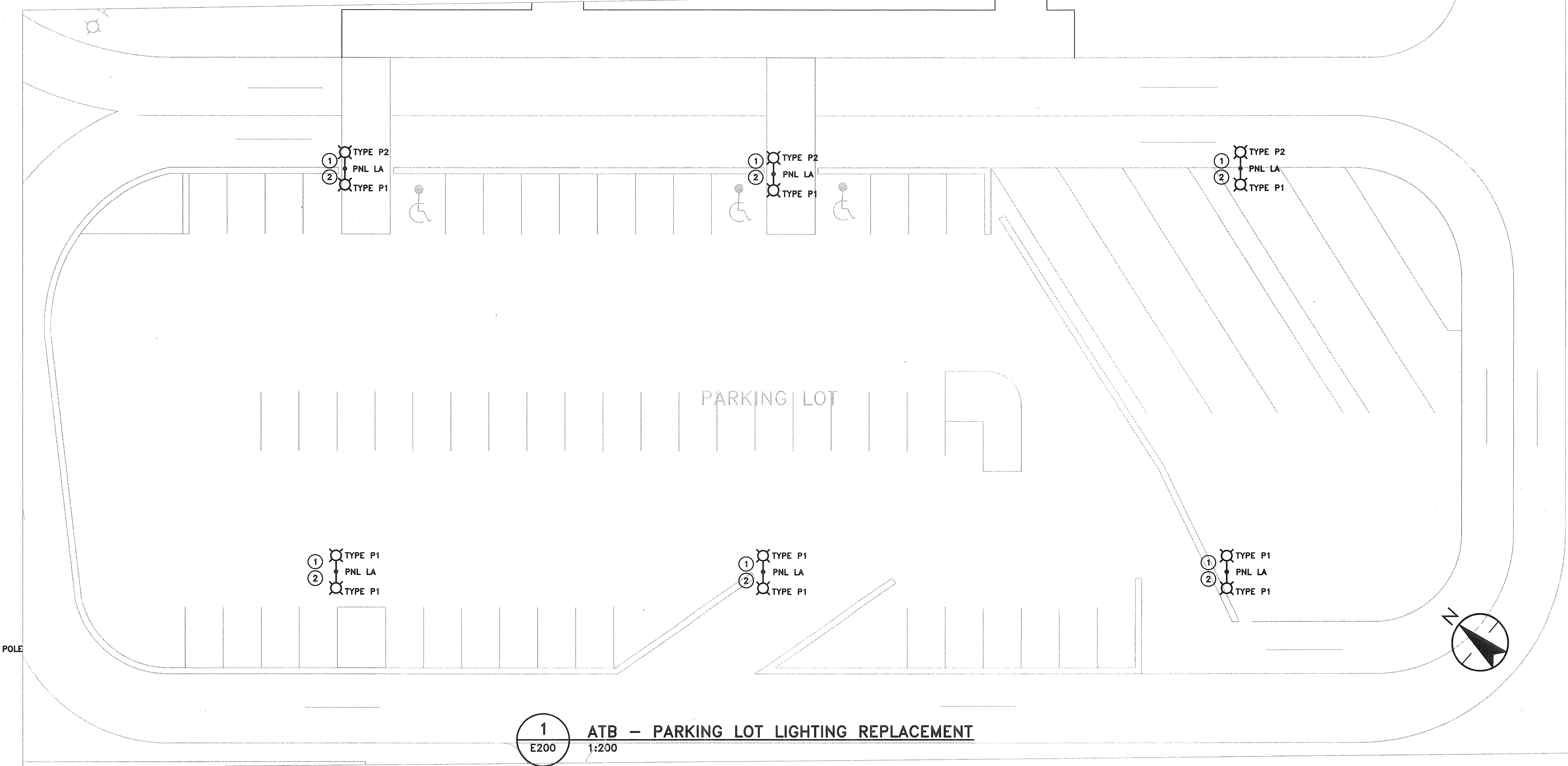
**3 EXISTING POLE**  
 E200

**4 EXISTING BASE**  
 E200

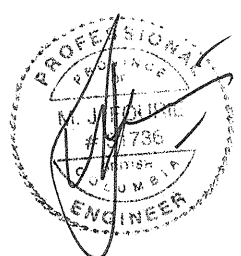
**5 EXISTING LUMINAIRE**  
 E200



**6 TYPE P1&P2 POLE DETAIL**  
 E200 N.T.S.



**1 ATB - PARKING LOT LIGHTING REPLACEMENT**  
 E200 1:200

SEAL:  
  
 JUN 27 2018

0	ISSUED FOR TENDER	2018/06/27
Revision/Revision	Description/Description	Date/Date
Client/client		

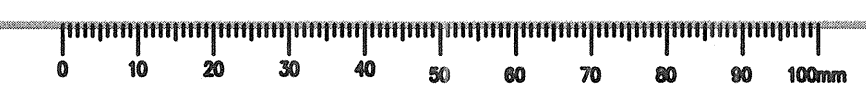
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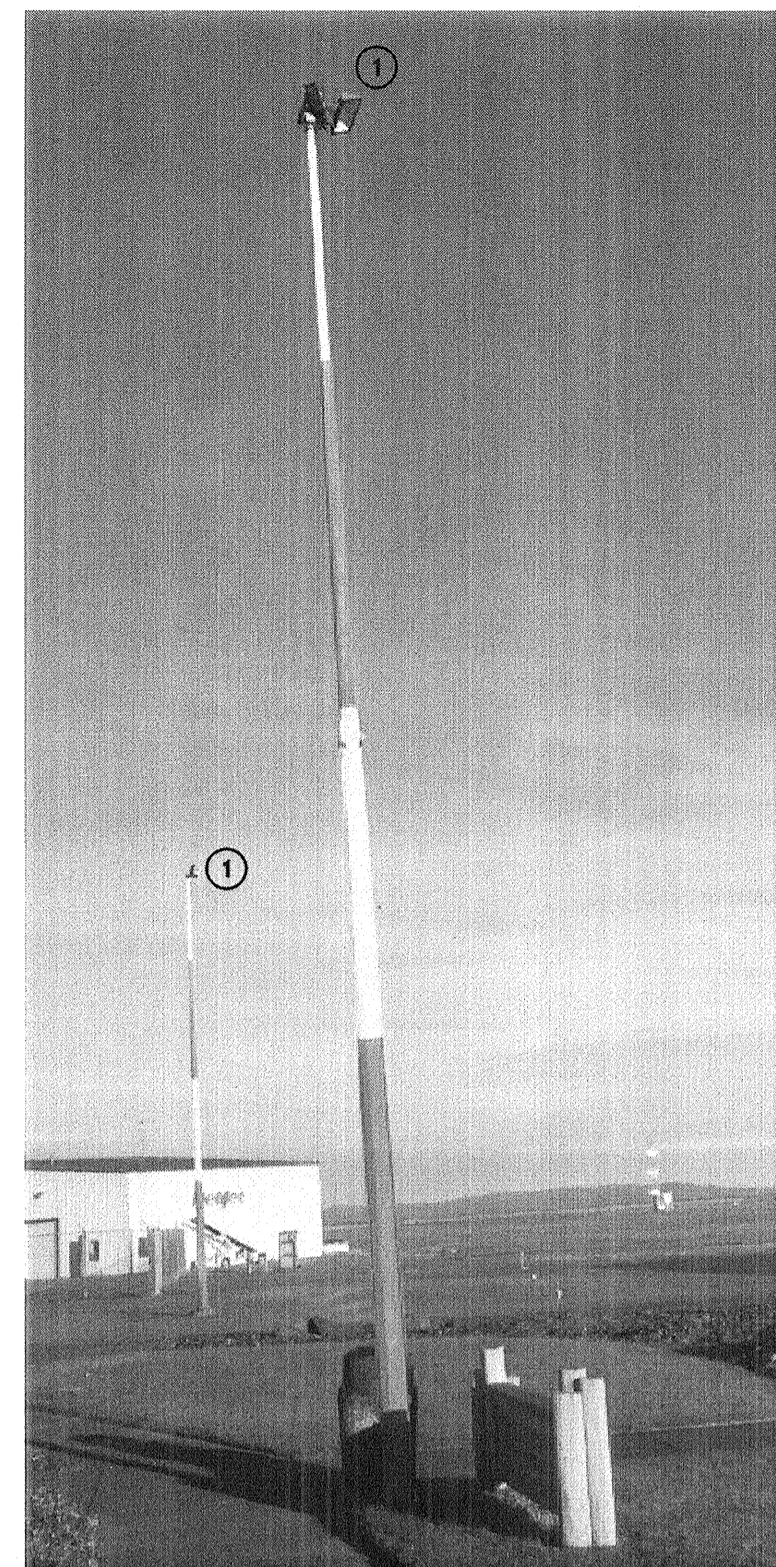
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**SANDSPIT, B.C.**  
 TRANSPORT CANADA  
 SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

Consultant Signature Only  
 Designed by/Concept par  
 Drawn by/Dessine par  
 PWGSC Project Manager/Administrateur de Projets TPSGC  
 NEDA MADARI  
 Regional Manager, Architectural and Engineering Services  
 Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
 MARK BURGER

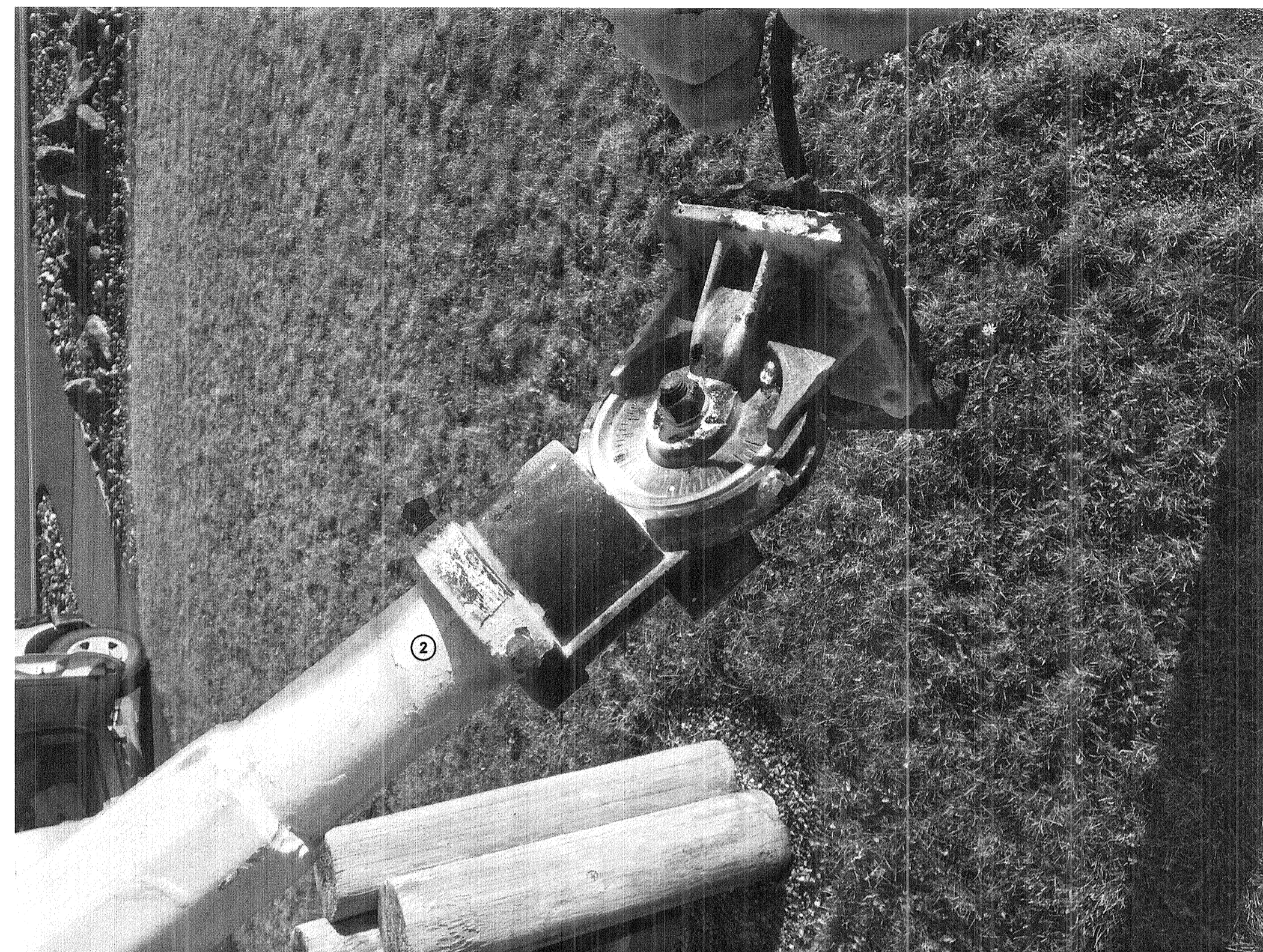
Drawing title/Titre du dessin  
**ATB PARKING LOT LIGHTING REPLACEMENT**

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R.089425.001	E200	0
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**2** EXISTING SCISSOR POLE  
E201



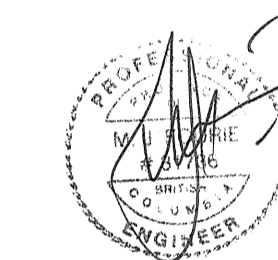
**3** EXISTING TENON ADAPTOR/BRACKET  
E201

**KEY NOTES - APRON**

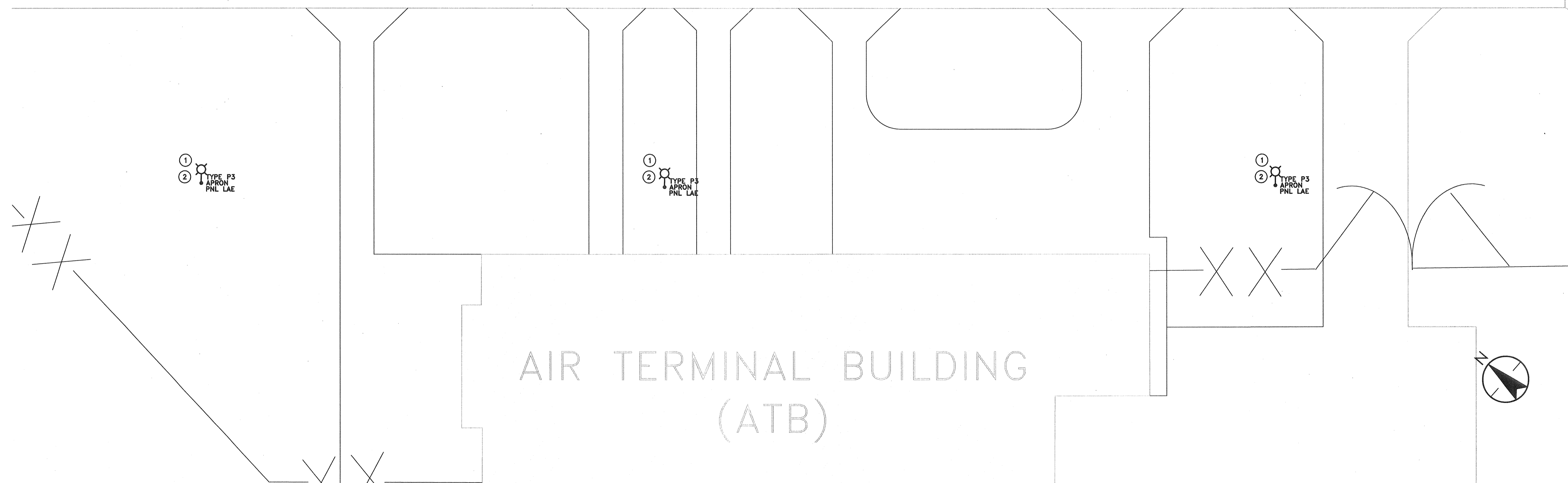
- ① EXISTING APRON FLOOD LIGHTING TO BE REMOVED FROM EXISTING POLES (4 LUMINAIRES IN TOTAL). LED LUMINAIRES TO BE HANDED OVER TO OWNER, HPS LUMINAIRES TO BE REMOVED FROM SITE BY CONTRACTOR.
- ② PROVIDE NEW TENON-ADAPTOR AND DUAL HEAD, ADJUSTABLE LED FLOOD LIGHTS AS INDICATED IN LUMINAIRE SCHEDULE. LOWER LIGHT OF MIDDLE POLE TO BE ANGLED DOWN TO 15° ABOVE HORIZONTAL TO ILLUMINATE PATHWAY TO ATB, REMAINING LOWER HEADS TO BE ANGLED AT 25°. UPPER HEADS TO BE ANGLED AT 40°. ALLOW FOR FINAL ADJUSTMENT ON SITE. CONFIRM TENON SIZE PRIOR TO ORDERING.



SEAL:



JUN 27 2018



AIR TERMINAL BUILDING  
(ATB)

**1** ATB - APRON LIGHTING REPLACEMENT  
E201 1:200



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**SANDSPIT, B.C.**  
 TRANSPORT CANADA  
 SANDSPIT AIRPORT  
 LIGHTING UPGRADE

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Drawn by/Dessine par

FWGSC Project Manager/Administrateur de Projets TPSGC  
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 Gestionnaire régionale, Services d'architecture et de génie, TPSGC  
 MARK BURGER

Drawing title/Titre du dessin

**ATB APRON  
 LIGHTING REPLACEMENT**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.089425.001	E201	0



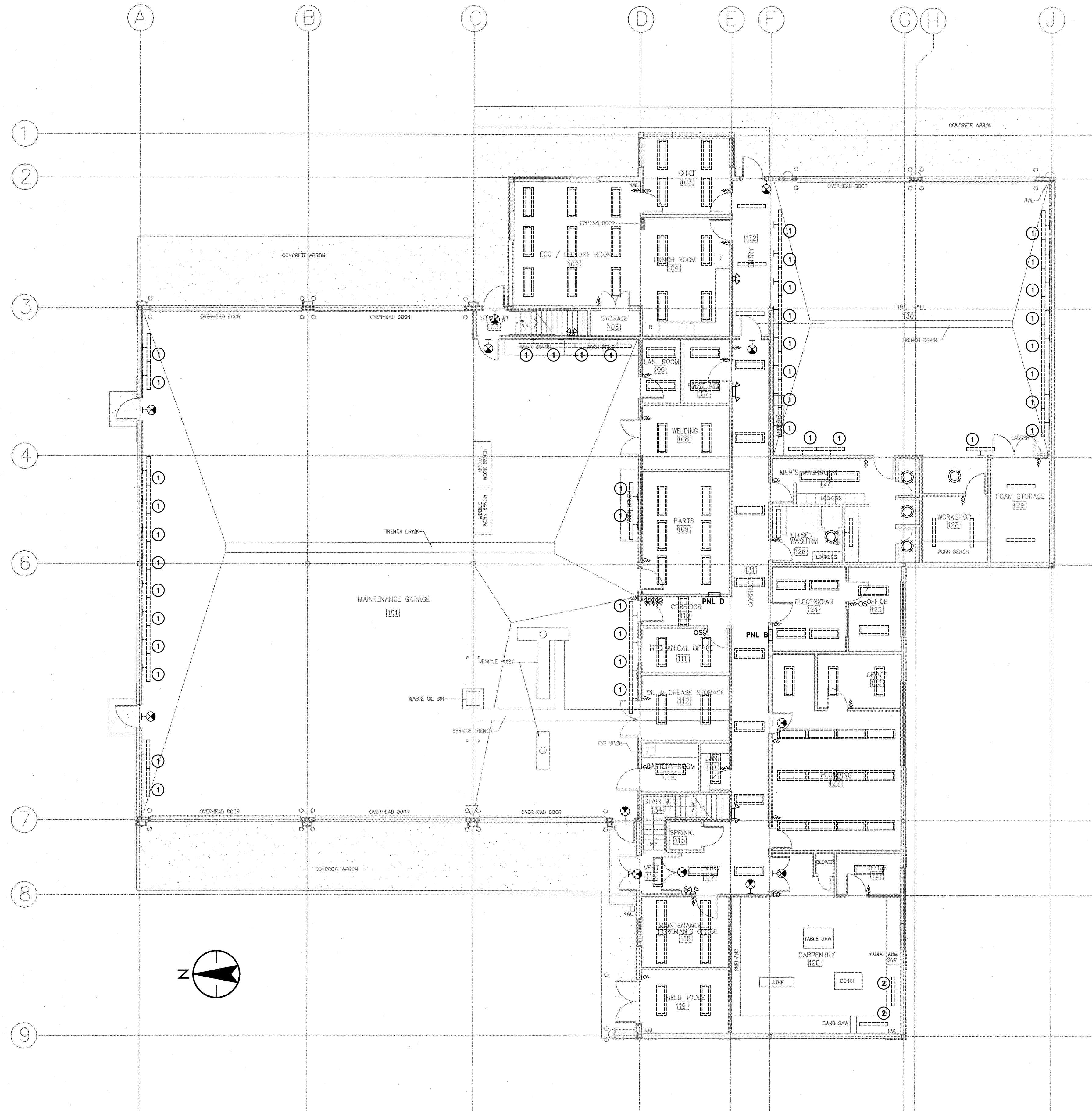


**GENERAL NOTES - LIGHTING DEMOLITION - CSB**

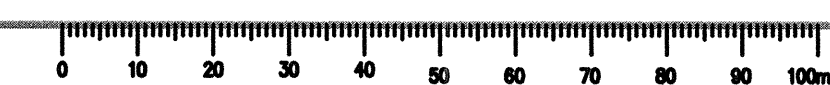
- UNLESS OTHERWISE NOTED, ALL LUMINAIRES SHOWN ARE TO BE REMOVED. EXISTING WIRING, BACK BOX, HARDWARE ETC. ARE TO BE RETAINED FOR RE-USE WITH NEW LUMINAIRES AS INDICATED ON RENOVATION PLAN.
- ALL EXISTING EXTERIOR LED SOFFIT LIGHTING TO REMAIN.
- EMERGENCY LIGHTING BATTERY PACKS - ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW BATTERY PACK/DUAL HEAD EMERGENCY LIGHTING TO REPLACE EXISTING NON-FUNCTIONAL EQUIPMENT AS DISCOVERED DURING RENOVATION. ALLOW FOR 4, 320W, 24VDC STEEL BATTERY UNITS FOR THE CSB.
- ALL EXISTING SWITCHES TO BE REPLACED WITH NEW DECORA STYLE SWITCHES AND PIR/ULTRASONIC DUAL TECHNOLOGY ON/OFF/AUTO OCCUPANCY SENSOR SWITCHES AS INDICATED. REFER TO PROJECT GENERAL NOTES ON DRAWING E000 FOR DETAIL ON SPARE SWITCHES.
- ALL EXIT SIGNS TO BE REPLACED WITH NEW. PROVIDE PLASTIC PICTOGRAM EXIT SIGNS.
- REFER TO PANEL SCHEDULES ON DRAWING E501 FOR EXISTING LIGHTING CIRCUITS. EXISTING LABELING DOES NOT INDICATE WHICH FIXTURES ARE ON WHICH CIRCUITS AND AS SUCH CIRCUITS ARE NOT SHOWN ON DRAWING. CONTRACTOR TO DETERMINE EXISTING CIRCUIT FOR ALL EXISTING LUMINAIRES BEING REPLACED. RE-USE CIRCUITS FOR NEW LUMINAIRES AND RECORD CIRCUIT NUMBERS ON AS-BUILT DRAWINGS. UPDATE PANEL SCHEDULE WITH DESCRIPTIVE LABELS INCLUDING ROOM NAME AND NUMBER.

**KEY NOTES - LIGHTING DEMOLITION - CSB**

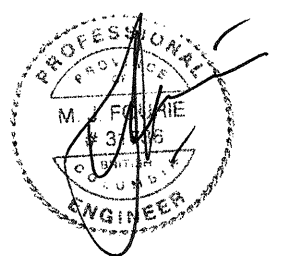
- WALL MOUNTED LUMINAIRES TO BE REMOVED. REMOVE ALL BRACKETS AND OTHER MOUNTING HARDWARE. WIRING TO BACK BOXES TO BE RETAINED FOR RE-USE WITH NEW LUMINAIRES. REPLACEMENT LUMINAIRES TO BE MOUNTED DIRECTLY TO WALL AS INDICATED ON RENOVATION PLAN.
- EXISTING FLOURESCENT STRIP LIGHTS MOUNTED UNDER CABINETS TO BE REMOVED. RETAIN WIRING FOR RE-USE WITH NEW LUMINAIRE.



**1** COMBINED SERVICES BUILDING - MAIN FLOOR - LIGHTING DEMOLITION  
E300 1:100



SEAL:



JUN 27 2018

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Client/client

TRANSPORT CANADA

Project title/Titre du projet

SANDSPIT, B.C.

TRANSPORT CANADA  
SANDSPIT AIRPORT

LIGHTING UPGRADE

Consultant Signature Only

Designed by/Concept par

JD

Drawn by/Dessiné par

JD

PWGC Project Manager/Administrateur de Projets TPSGC

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MARK BURGER

Drawing title/Titre du dessin

COMBINED SERVICES BUILDING

MAIN FLOOR PLAN

LIGHTING DEMOLITION

Project No./No. du projet

R.089425.001

Sheet/Feuille

E300

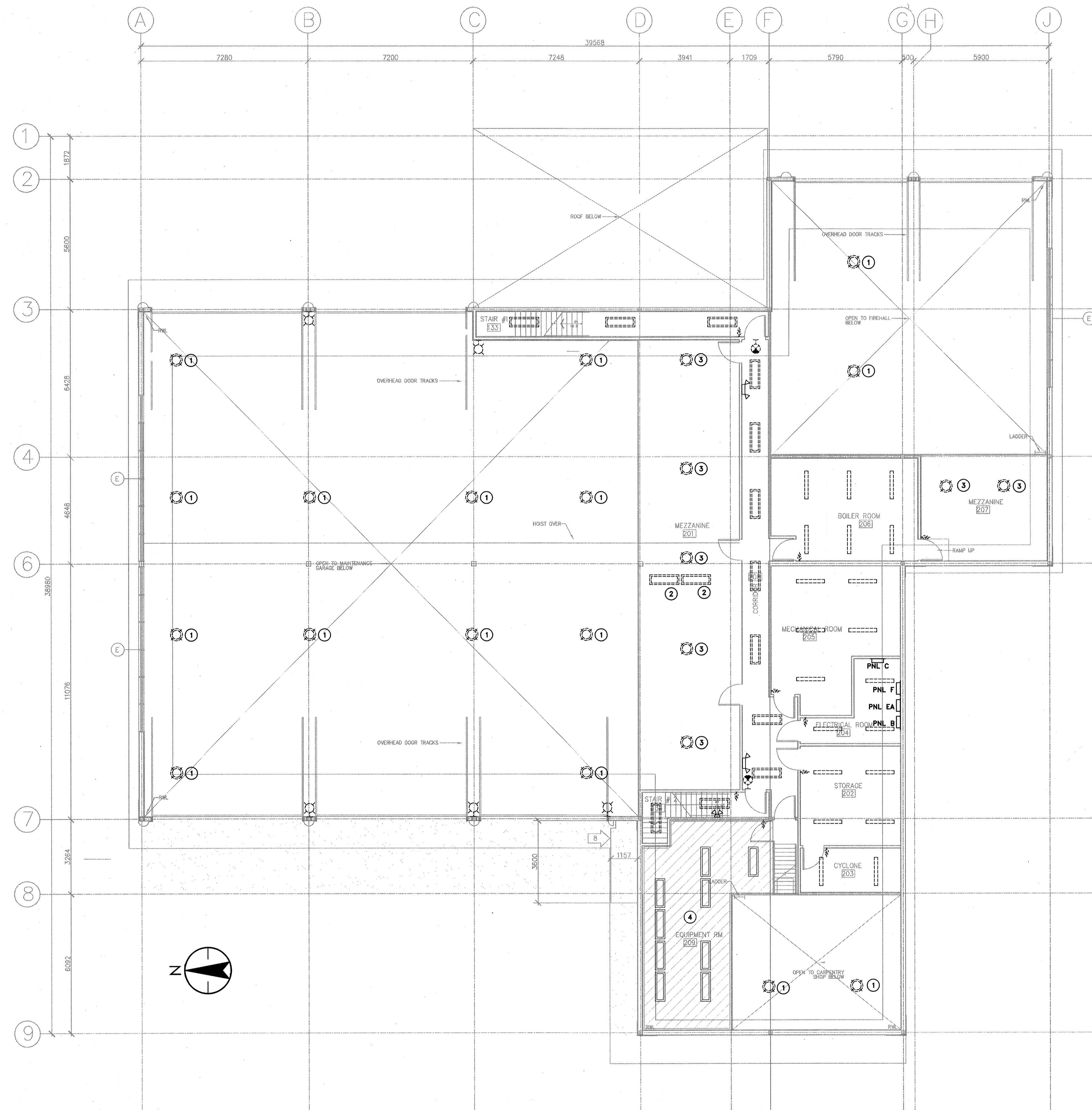
Revision no./La Révision no.

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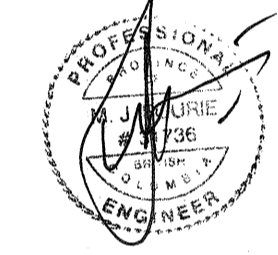




- KEY NOTES - LIGHTING DEMOLITION - CSB**
- ① PENDANT HIGH BAY LUMINAIRES TO BE REMOVED. ALL ASSOCIATED MOUNTING HARDWARE AND BRACKETS TO BE REMOVED. CONDUIT AND WIRING TO BE REMOVED TO NEAREST JUNCTION BOX.
  - ② EXISTING LUMINAIRES TO BE REMOVED AND NOT REPLACED WITH NEW. REMOVE WIRING BACK TO JUNCTION BOX. REMOVE ANY REDUNDANT CONDUIT AND WIRING.
  - ③ EXISTING HIGH BAY LUMINAIRES TO BE REMOVED AND REPLACED WITH LINEAR STRIP LIGHT. REMOVE ALL ASSOCIATED MOUNTING HOOKS, BRACKETS AND HARDWARE. REMOVE WIRING TO JUNCTION BOX.
  - ④ EXISTING EQUIPMENT ROOM 209 LIGHTING AND SWITCHING TO REMAIN. AREA NOT IN SCOPE OF PROJECT



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JUN 27 2018

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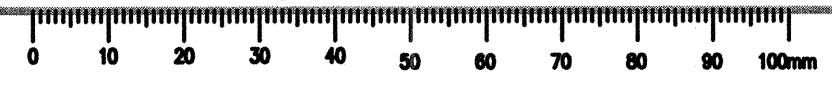
Project title/Titre du projet  
**SANDSPIT, B.C.**  
 TRANSPORT CANADA  
 SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

Consultant Signature Only  
 Designed by/Concept par  
 Drawn by/Dessine par  
 PWOSC Project Manager/Administrateur de Projets TPSGC  
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 Gestionnaire régionale, Services d'architecture et de génie, TPSGC  
 MARK BURGER

Drawing title/Titre du dessin  
**COMBINED SERVICES BUILDING  
 UPPER FLOOR PLAN  
 LIGHTING DEMOLITION**

Project No./No. du projet R.089425.001	Sheet/Feuille E301	Revision no./ La Révision no. 0 9 OF 18
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**1** COMBINED SERVICES BUILDING - UPPER FLOOR - LIGHTING DEMOLITION  
 E301 1:100



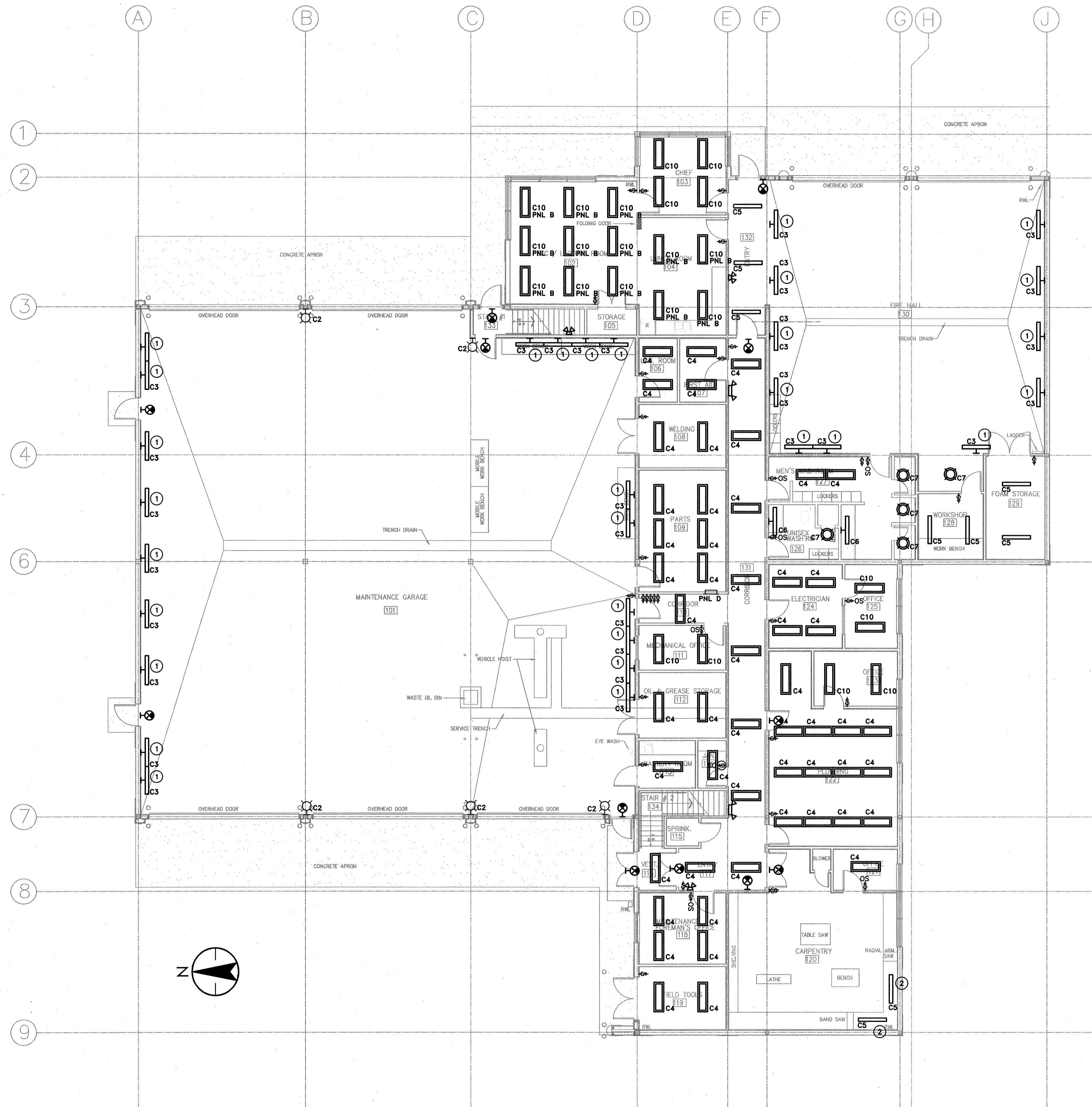


**GENERAL NOTES – LIGHTING RENOVATION – CSB**

1. UNLESS OTHERWISE NOTED, ALL LUMINAIRES SHOWN ARE TO BE REMOVED. EXISTING WIRING, BACK BOX, HARDWARE ETC. ARE TO BE RETAINED FOR RE-USE WITH NEW LUMINAIRES AS INDICATED ON RENOVATION PLAN.
2. ALL EXISTING EXTERIOR LED SOFFIT LIGHTING TO REMAIN.
3. EMERGENCY LIGHTING BATTERY PACKS – ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW BATTERY PACK/DUAL HEAD EMERGENCY LIGHTING TO REPLACE EXISTING NON-FUNCTIONAL EQUIPMENT AS DISCOVERED DURING RENOVATION. ALLOW FOR 4, 320W, 24VDC STEEL BATTERY UNITS FOR THE CSB.
4. ALL EXISTING SWITCHES TO BE REPLACED WITH NEW DECORA STYLE SWITCHES AND PIR/ULTRASONIC DUAL TECHNOLOGY ON/OFF/AUTO OCCUPANCY SENSOR SWITCHES AS INDICATED. REFER TO PROJECT GENERAL NOTES ON DRAWING E000 FOR DETAIL ON SPARE SWITCHES.
5. ALL EXIT SIGNS TO BE REPLACED WITH NEW. PROVIDE PLASTIC PICTOGRAM EXIT SIGNS.
6. REFER TO PANEL SCHEDULES ON DRAWING E501 FOR EXISTING LIGHTING CIRCUITS. EXISTING LABELING DOES NOT INDICATE WHICH FIXTURES ARE ON WHICH CIRCUITS AND AS SUCH CIRCUITS ARE NOT SHOWN ON DRAWING. CONTRACTOR TO DETERMINE EXISTING CIRCUIT FOR ALL EXISTING LUMINAIRES BEING REPLACED. RE-USE CIRCUITS FOR NEW LUMINAIRES AND RECORD CIRCUIT NUMBERS ON AS-BUILT DRAWINGS. UPDATE PANEL SCHEDULE WITH DESCRIPTIVE LABELS INCLUDING ROOM NAME AND NUMBER.

**KEY NOTES – LIGHTING DEMOLITION – CSB**

- 1 NEW WALL MOUNTED LUMINAIRES IN EXISTING LOCATION, LUMINAIRES ARE TO BE DIRECTLY MOUNTED ON WALL WITH SPACING BRACKETS (APPROX 5") TO CLEAR EXISTING SERVICES MOUNTED ON WALL AS REQUIRED.
- 2 NEW LED STRIP LIGHTS MOUNTED UNDER CABINETS.



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Client/client		

**TRANSPORT CANADA**

Project Title/Titre du projet  
**SANDSPIT, B.C.**  
 TRANSPORT CANADA  
 SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

Consultant Signature Only

Designed by/Concept par  
 JD

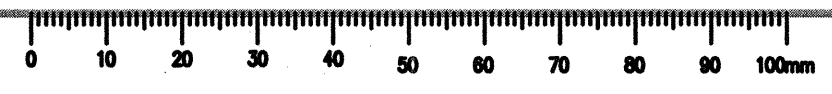
Drawn by/Dessine par  
 JD

PWOSC Project Manager/Administrateur de Projets TPSGC  
 NEDA NADERI

Regional Manager, Architectural and Engineering Services  
 Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
 MARK BURGER

Drawing Title/Titre du dessin  
**COMBINED SERVICES BUILDING  
 MAIN FLOOR PLAN  
 LIGHTING RENOVATION**

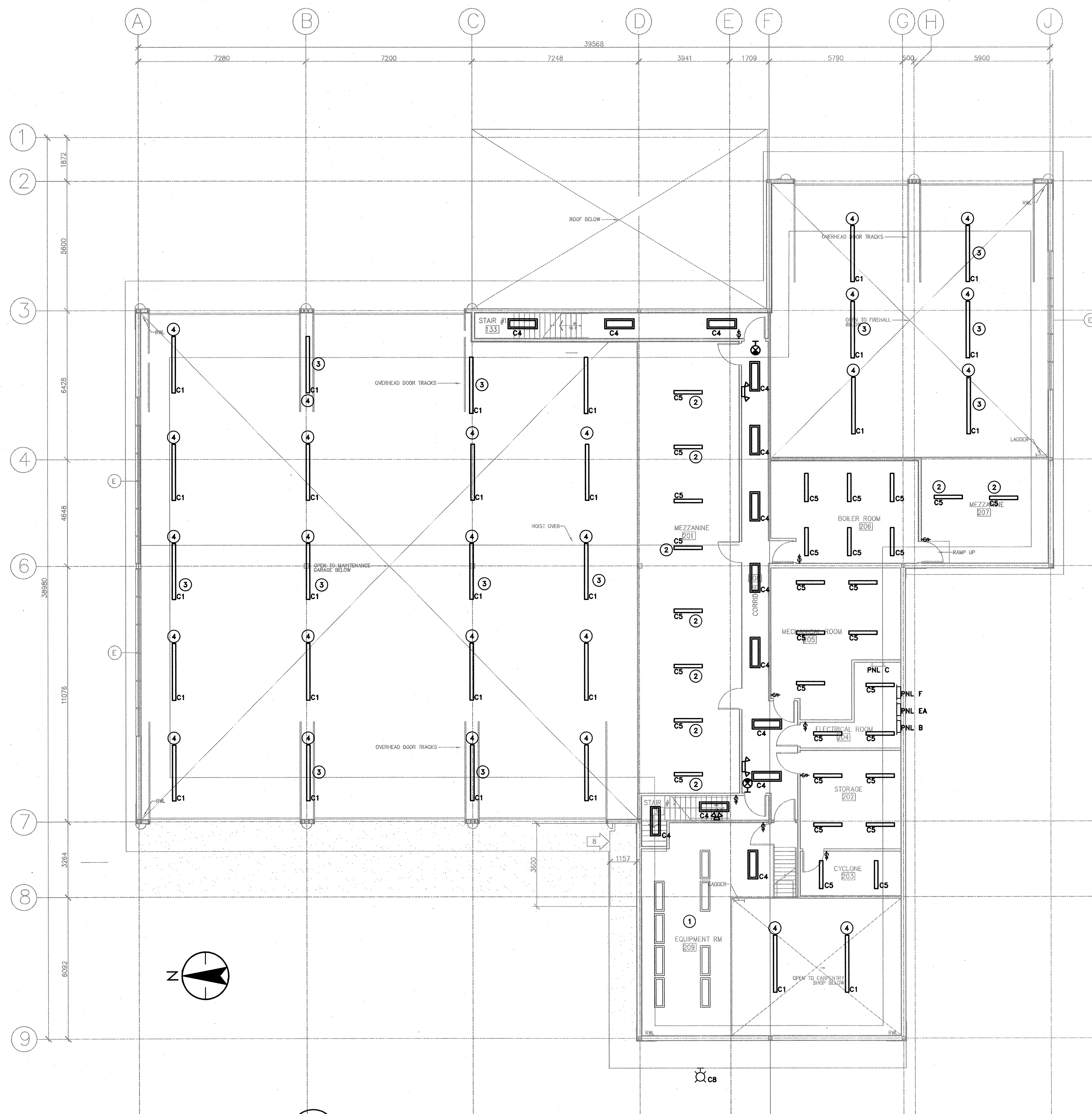
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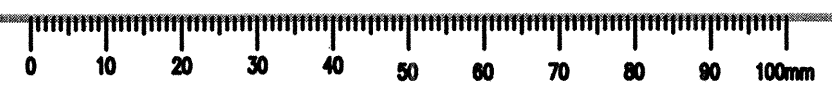


**KEY NOTES – LIGHTING RENOVATION – CSB**

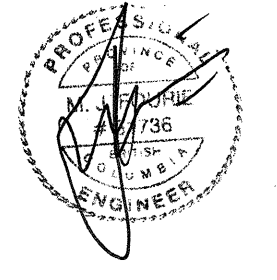
- ① EXISTING LUMINAIRE TO REMAIN
- ② NEW LUMINAIRE IN NEW LOCATION – EXTEND EXISTING WIRING FROM ADJACENT LUMINAIRE BEING REMOVED.
- ③ EXTEND EXISTING AREA LIGHTING CONDUIT AND WIRING SYSTEM TO NEW LUMINAIRE LOCATION FOR 120V CONNECTION.
- ④ NEW LINEAR LED FIXTURE TO BE PENDANT MOUNTED. SUSPEND AT THE BOTTOM OF TRUSS LEVEL, CLEAR OF ANY OBSTRUCTION. EXTEND WIRING FROM EXISTING CONNECTION POINTS TO NEW LUMINAIRES.



**1** COMBINED SERVICES BUILDING – UPPER FLOOR – LIGHTING RENOVATION  
E303 1:100



SEAL:



JUN 27 2018

Revision/Revision	Description/Description	Date/Date
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Client/client: **TRANSPORT CANADA**

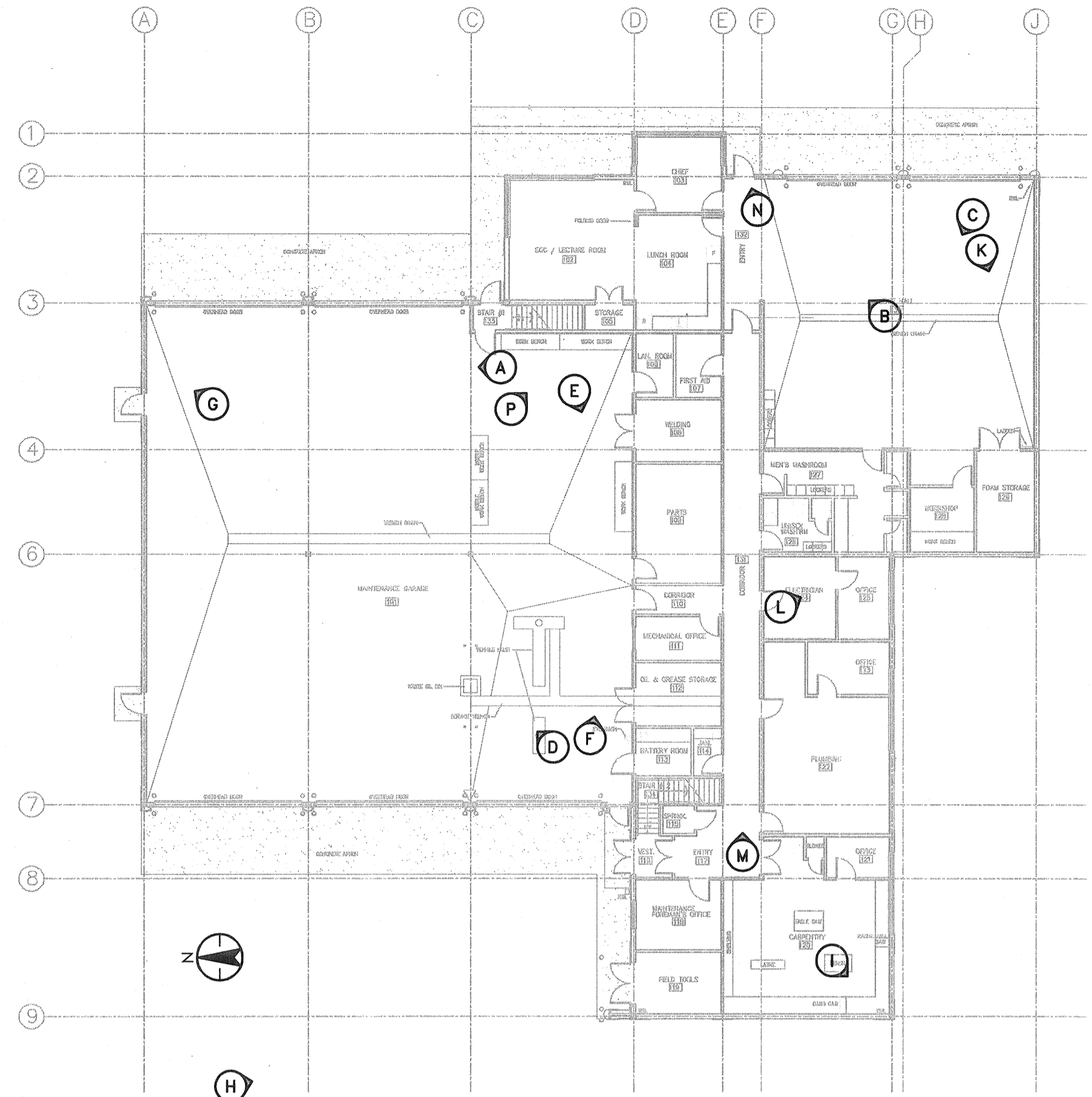
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**SANDSPIT, B.C.**  
TRANSPORT CANADA  
SANDSPIT AIRPORT  
LIGHTING UPGRADE

Consultant Signature Only:  
Designed by/Concept par: JD  
Drawn by/Dessiné par: JD  
PWGSC Project Manager/Administrateur de Projets TPSGC: NEDA NADERI  
Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architectural et de génie, TPSGC: MARK BURGER

Drawing title/Titre du dessin:  
**COMBINED SERVICES BUILDING  
UPPER FLOOR PLAN  
LIGHTING RENOVATION**

Project No./No. du projet: <b>R.089425.001</b>	Sheet/Feuille: <b>E303</b>	Revision no./La Révision no.: <b>0</b>
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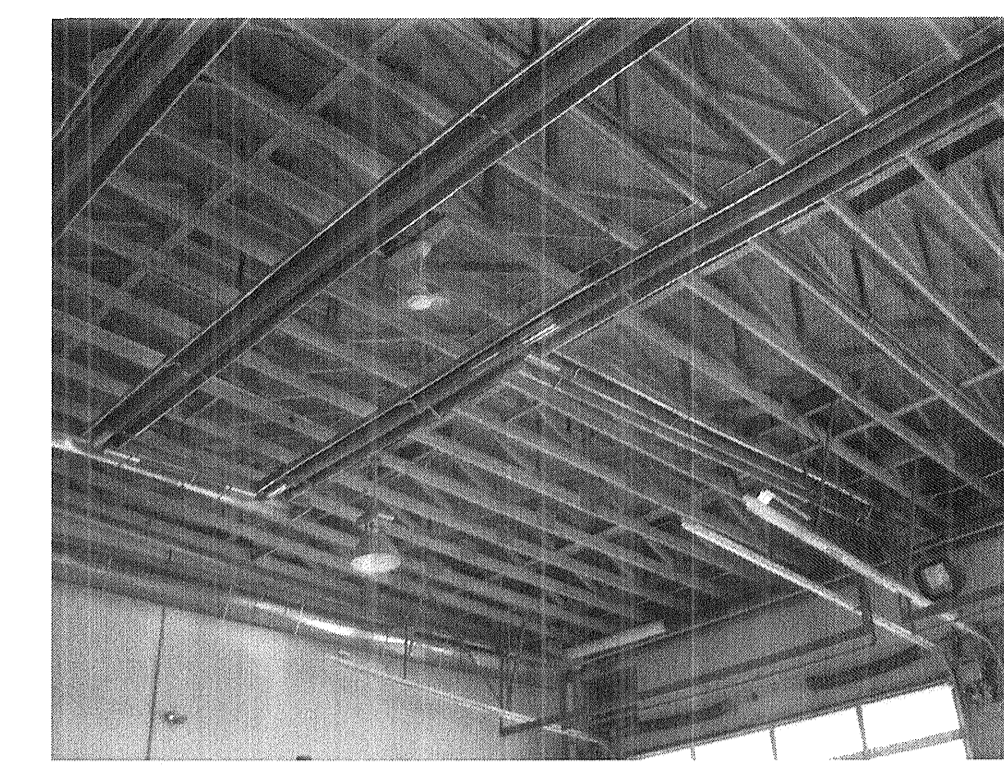




1 CSB - UPPER FLOOR - PHOTO KEY PLAN  
E304



A MAINTENANCE GARAGE  
E304



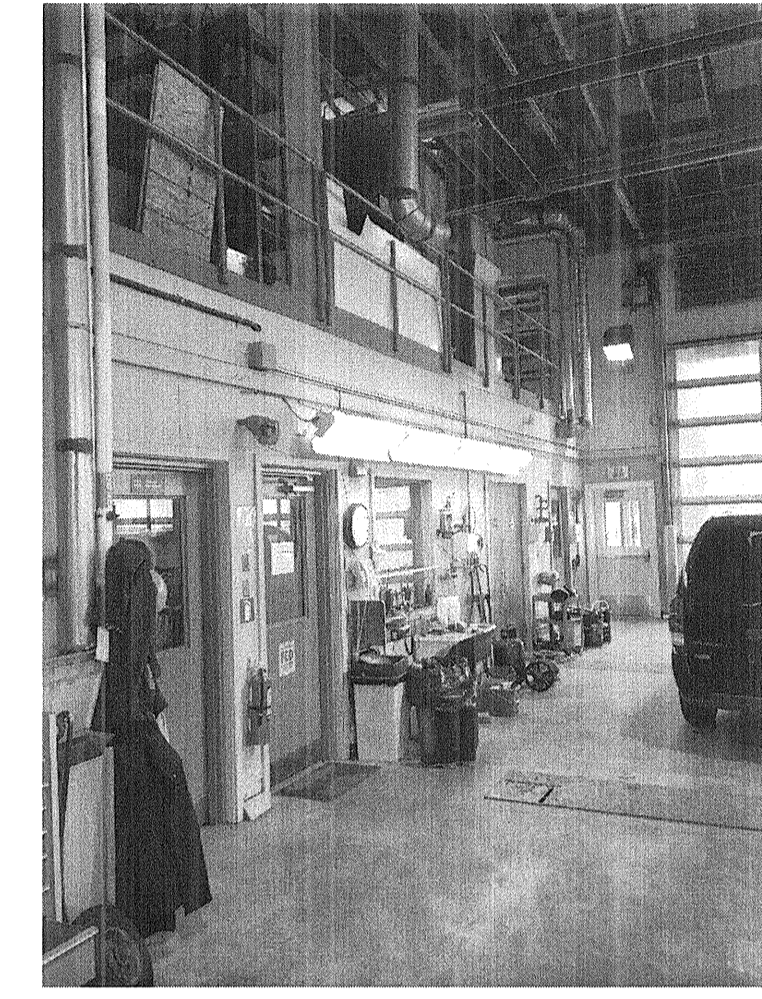
B FIRE HALL  
E304



C FIRE HALL  
E304



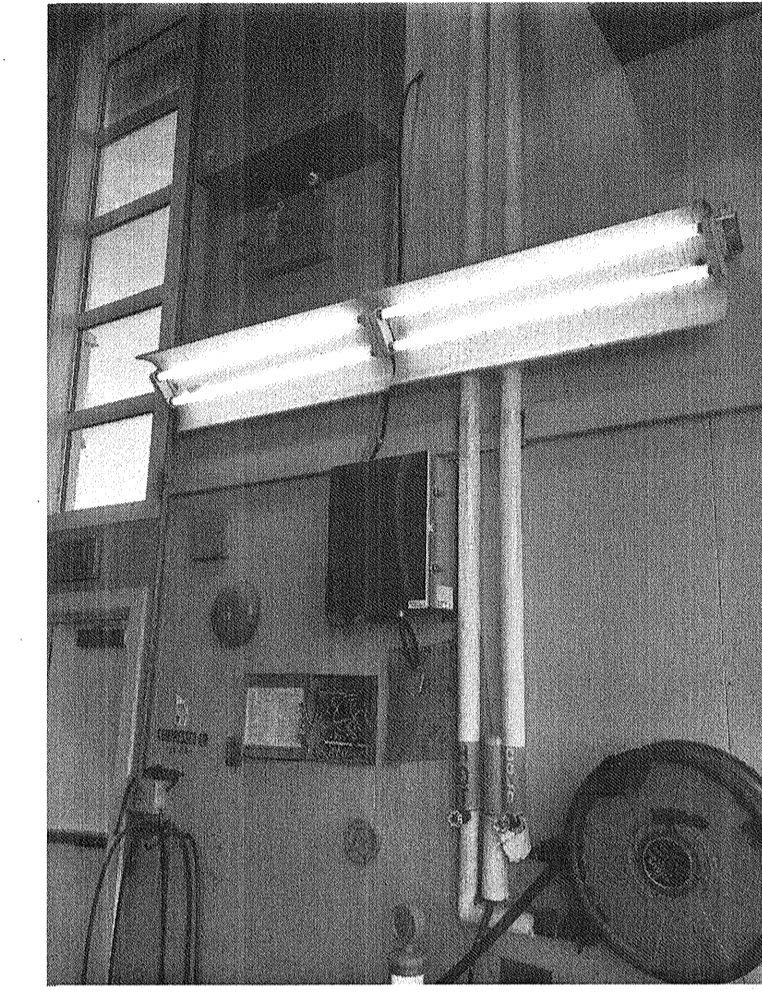
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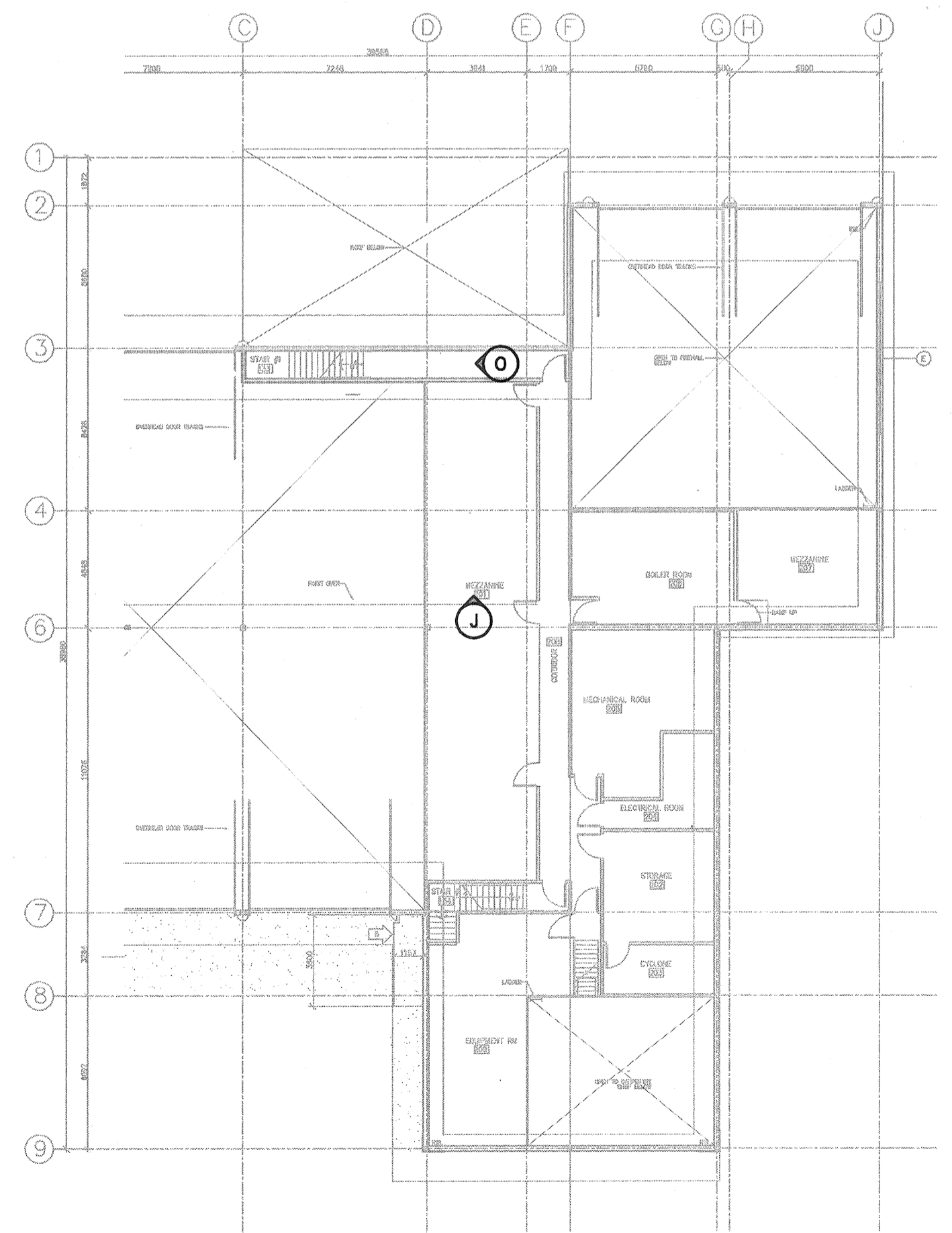
E MAINTENANCE GARAGE  
E304



F MAINTENANCE GARAGE  
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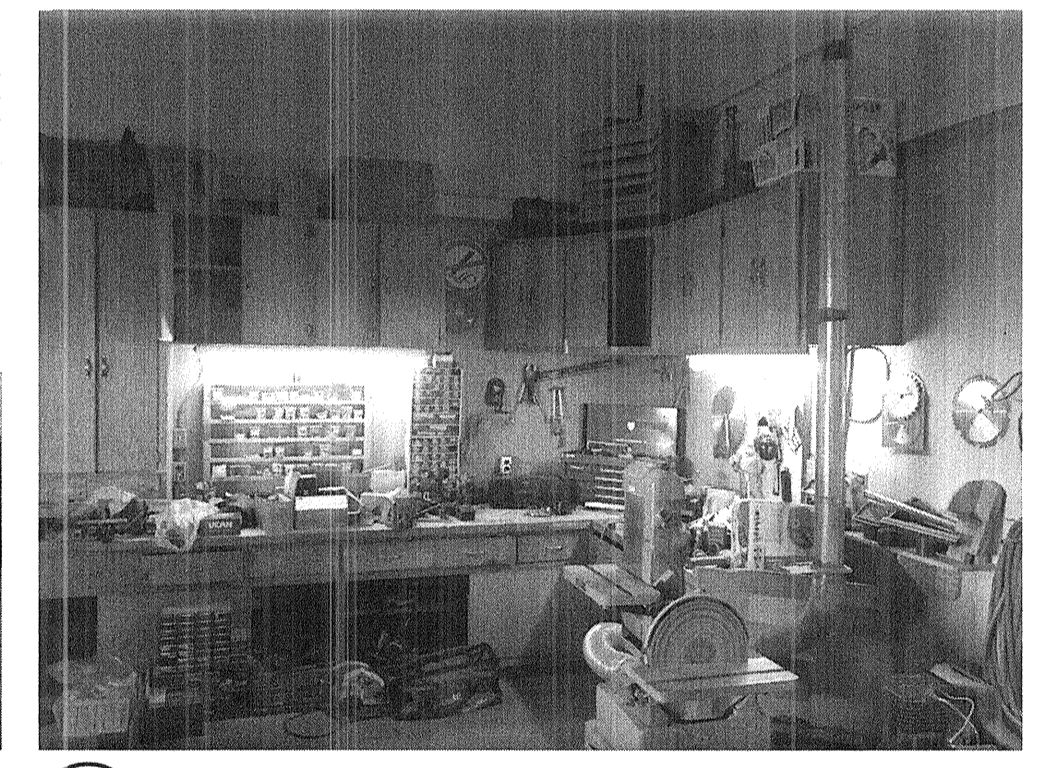
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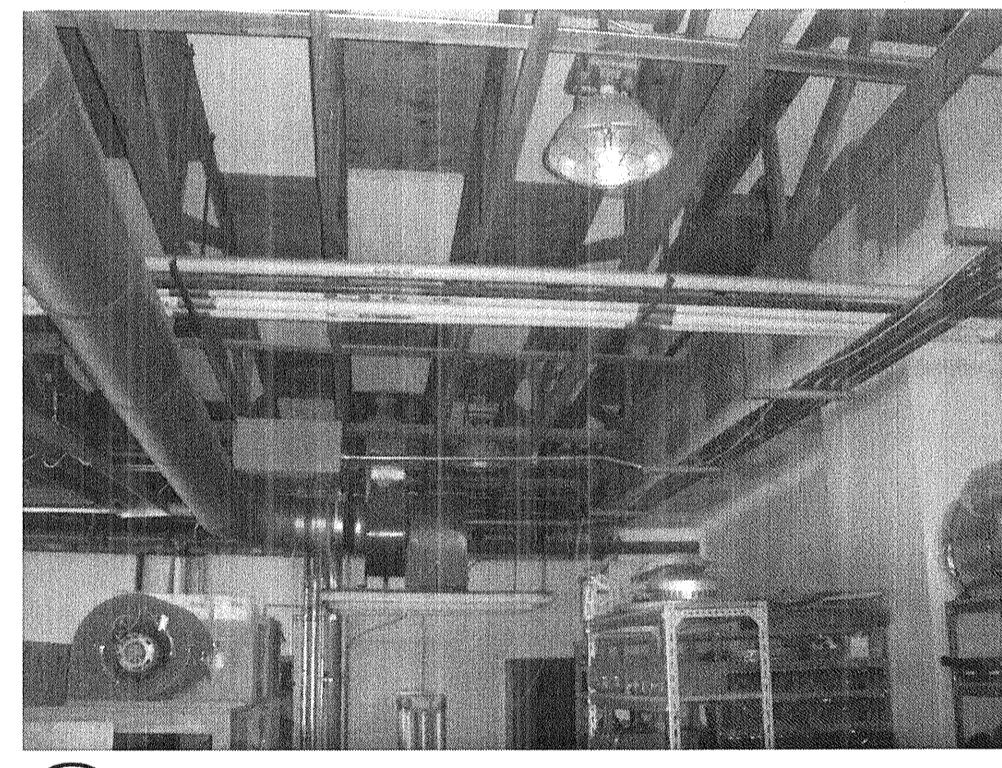
2 CSB - UPPER FLOOR - PHOTO KEY PLAN  
E304



H EXTERIOR  
E304



I CARPENTRY SHOP  
E304



J MAINTENANCE GARAGE - MEZZANINE  
E304



K FIRE HALL  
E304



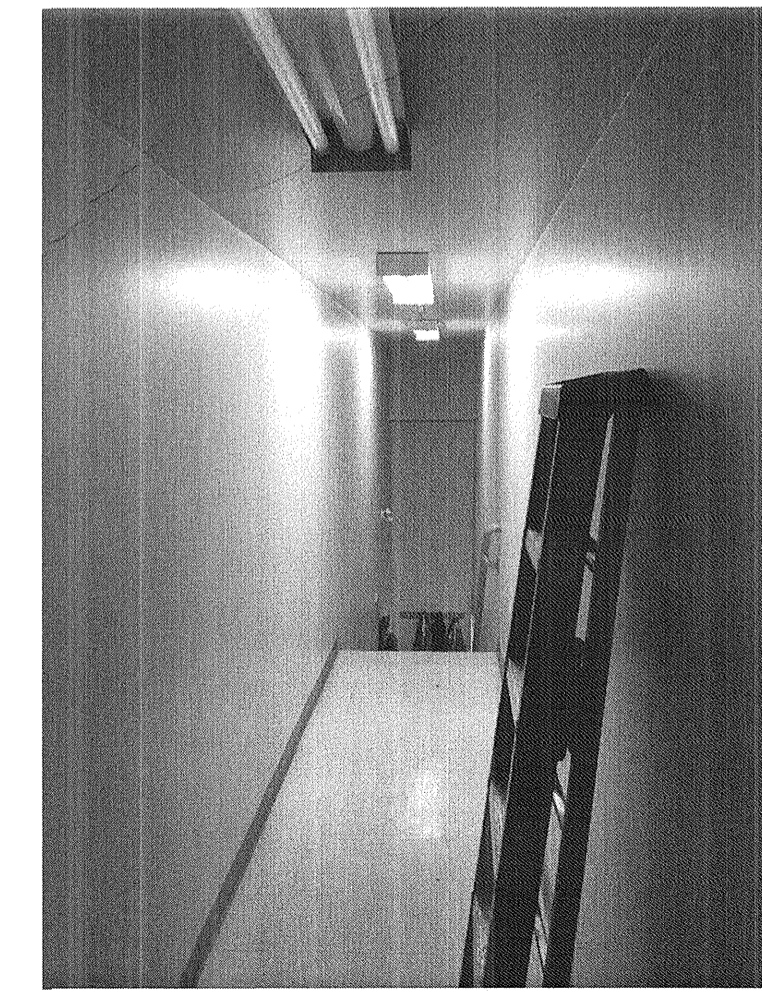
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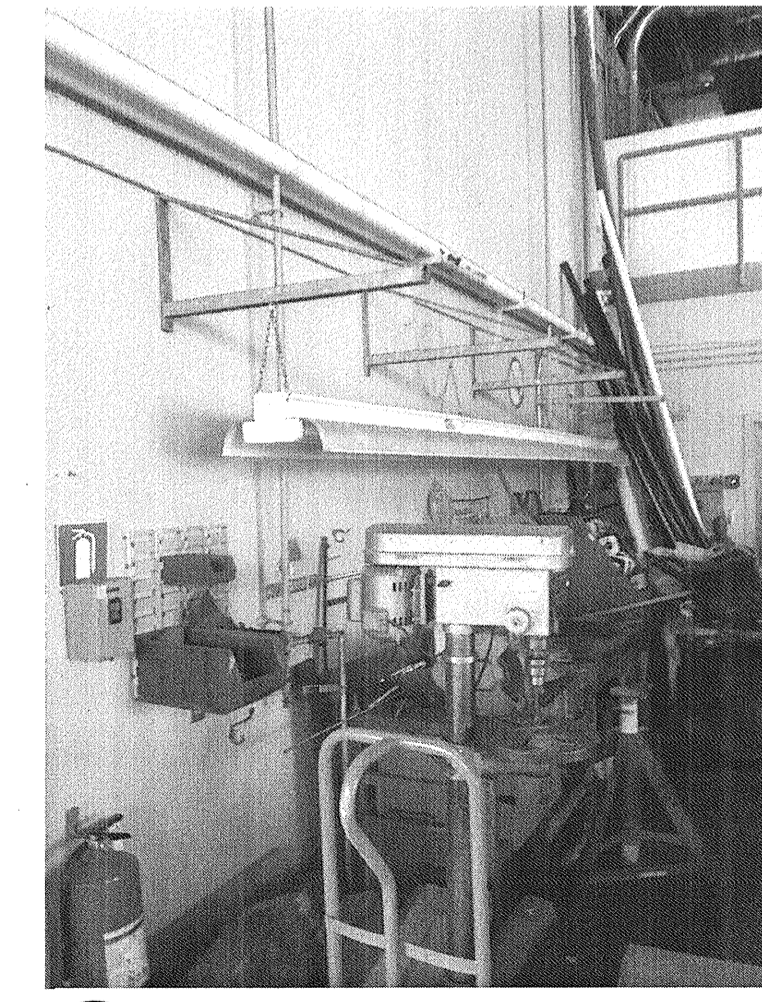
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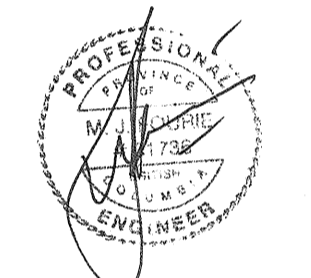


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E304



P FIRE HALL  
E304

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JUN 27 2018

Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	2018/06/27

TRANSPORT CANADA

Project Title/Titre du projet  
**SANDSPIT, B.C.**  
TRANSPORT CANADA  
SANDSPIT AIRPORT  
LIGHTING UPGRADE

Consultant Signature Only

Designed by/Concept par  
JD

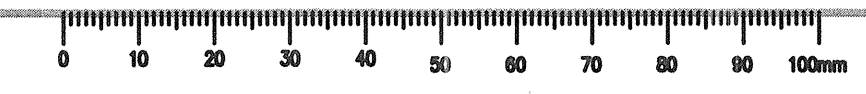
Drawn by/Dessiné par  
JD

PWGSC Project Manager/Administrateur de Projets TPSGC  
NEDA NADERI

Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architecture et de génie, TPSGC  
MARK BURGER

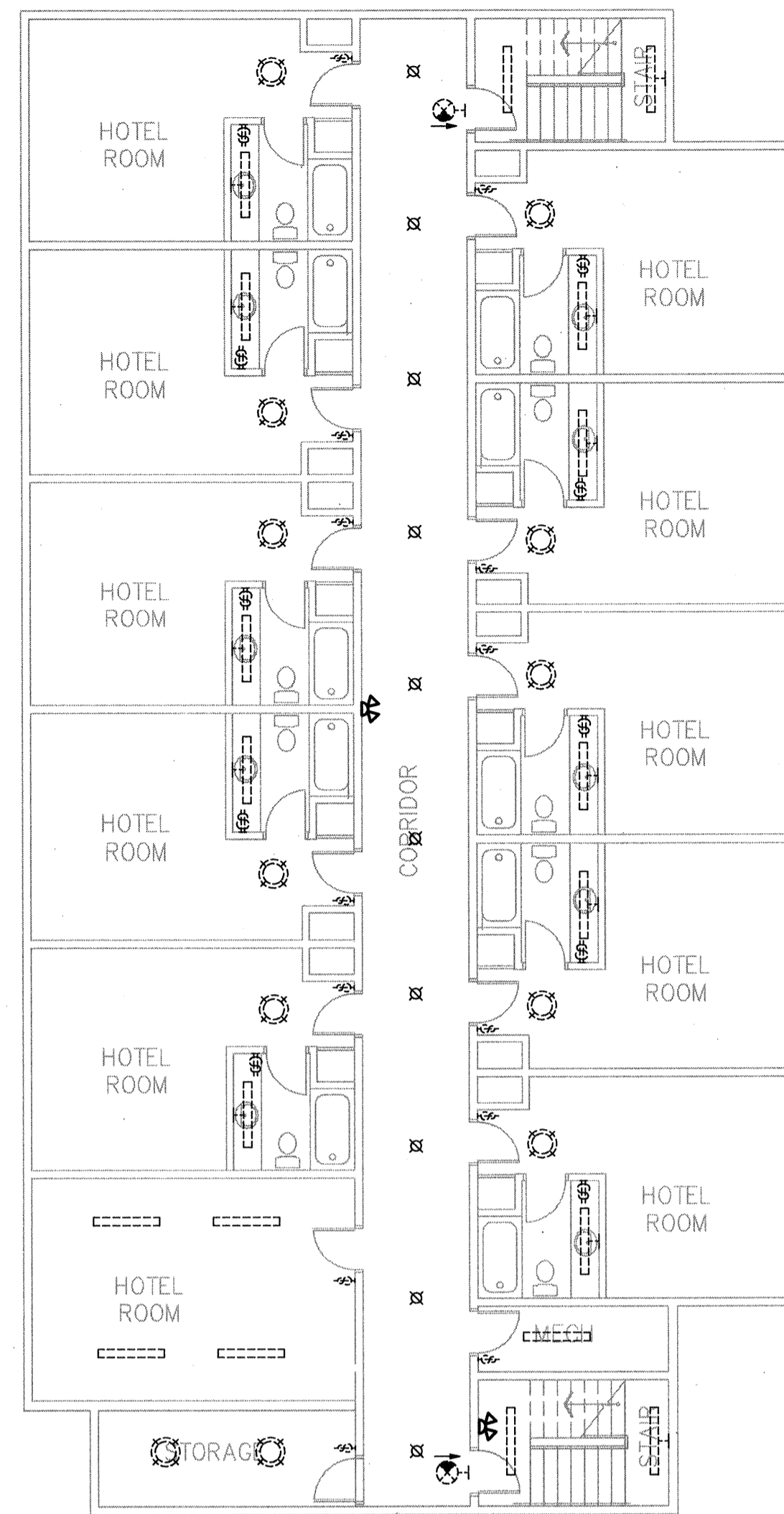
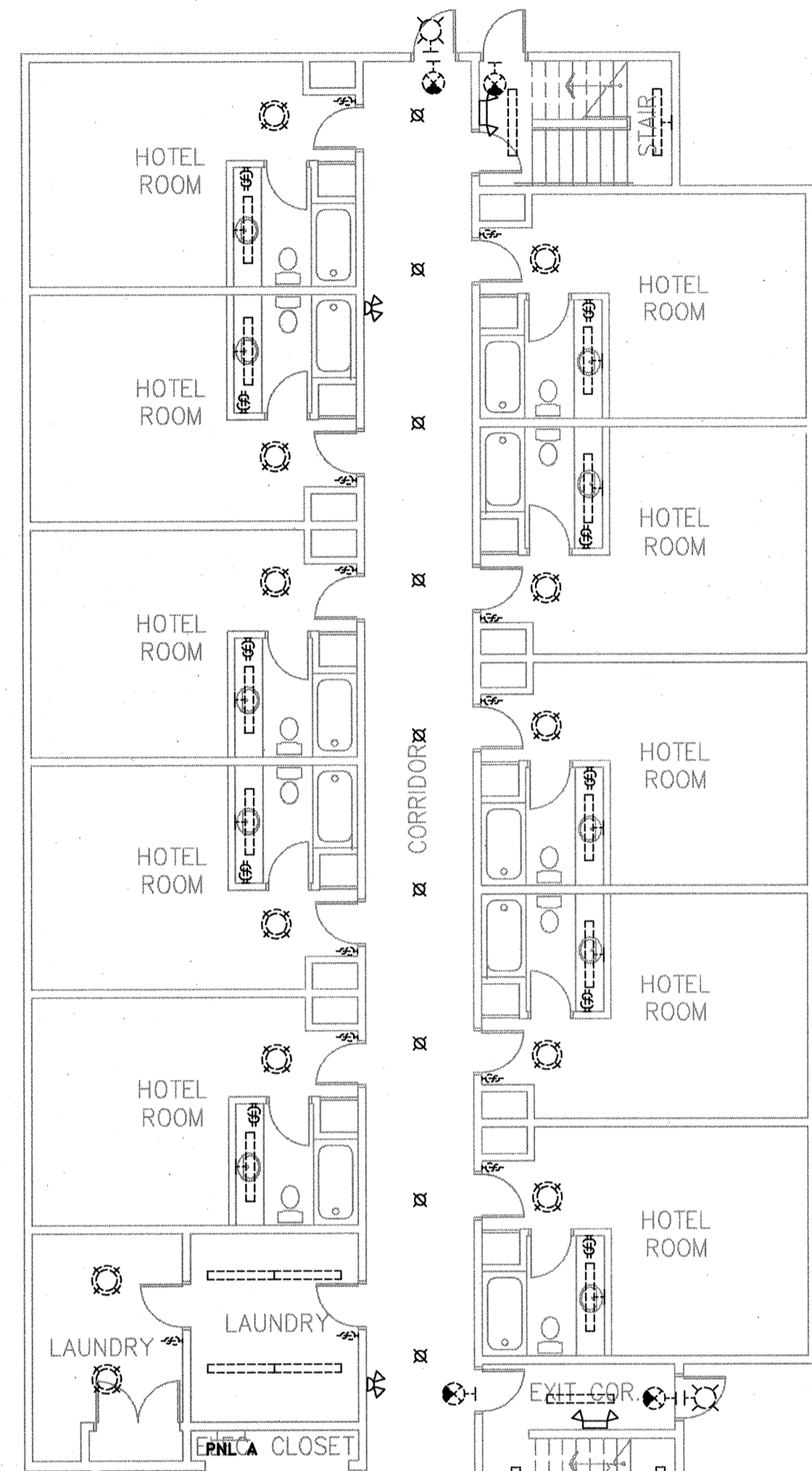
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**COMBINED SERVICES BUILDING  
PHOTOS**

Project No./No. du projet R.089425.001	Sheet/Feuille E304	Revision no./La Révision no. 0
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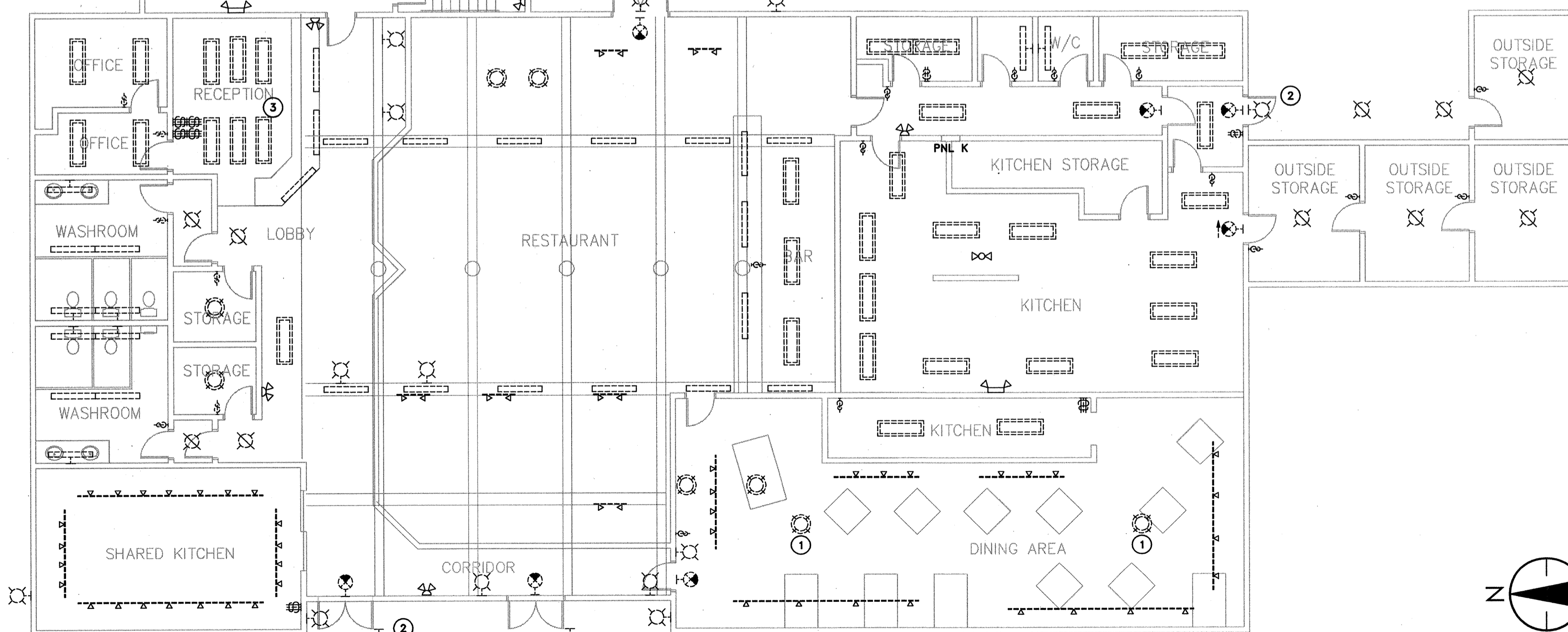




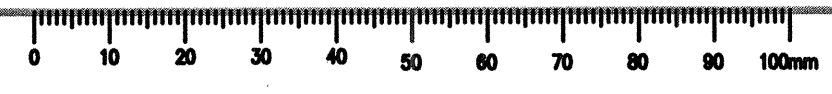
- GENERAL NOTES - LIGHTING DEMOLITION - CSB**
- UNLESS OTHERWISE NOTED, ALL LUMINAIRES SHOWN ARE TO BE REMOVED. EXISTING WIRING, BACK BOX, SWITCHES ETC. ARE TO BE RETAINED FOR RE-USE, WITH NEW LUMINAIRES AS INDICATED ON RENOVATION PLAN.
  - ALL EXISTING EXTERIOR LED SOFFIT LIGHTING TO REMAIN.
  - EMERGENCY LIGHTING BATTERY PACKS - ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW BATTERY PACK (VIA) HIGH EMERGENCY LIGHTING TO REMAIN. EXISTING NON-FUNCTIONAL EQUIPMENT AS INDICATED DURING RENOVATION, ALLOW FOR 4. LOW, 24VDC STEEL BATTERY UNITS FOR THE B.O.
  - ALL EXISTING LIGHT SWITCHES ARE TO BE REPLACED WITH NEW DECORA STYLE ON/OFF ON/OFF OCCUPANCY SENSOR. 100 WATT VOLTAGE DIMMER AS INDICATED AND NEW WIDEN COVER PLATES ALLOW FOR SPARE SWITCHES AS INDICATED IN LIGHTING CONTROL. SPECIFICATION TO ACCORD WITH EXISTING SWITCHES WHICH MAY NOT BE SHOWN ON DRAWING.
  - ALL EXIT SIGNS TO BE REPLACED WITH NEW, PROVIDE EDGE-LIT LED EXIT SIGNS IN ALL AREAS EXCEPT STAIRS AND ADJACENT BACK OF HOUSE CORRIDOR.
  - REFER TO PANEL SCHEDULES ON DRAWING ESD1 FOR EXISTING LIGHTING CIRCUITS. EXISTING LABELING DOES NOT INDICATE WHICH FEATURES ARE ON WHICH CIRCUIT AND AS SUCH CIRCUITS ARE NOT SHOWN ON DRAWING. CONTRACTOR TO DETERMINE EXISTING CIRCUIT FOR ALL EXISTING LUMINAIRES BEING REPLACED. RE-USE CIRCUITS FOR NEW LUMINAIRES AND RECORD CIRCUIT NUMBERS ON AS-BUILT DRAWING. UPDATE PANEL SCHEDULE WITH DESCRIPTIVE LABELS INCLUDING ROOM NAME AND NUMBER.
  - SANDBPIT INN MAY HAVE DIFFERENT OPERATIONAL HOURS THAN ATE. CONTRACTOR TO COORDINATE EXACT HOURS OF WORK WITH TRANSPORT CANADA AIRPORT MANAGER AND SANDBPIT INN STAFF TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC.
  - CONTRACTOR TO CONFIRM ALL ROOM NAMES AND NUMBERS WITH TRANSPORT CANADA MANAGEMENT PRIOR TO PANEL SCHEDULE LABELING. CONFIRM CORRESPONDING ETC AND NOTE CORRECT NUMBER ON AS-BUILTS AND ALL O&M MANUAL MATERIALS.
- KEY NOTES - LIGHTING DEMOLITION - INN**
- EXISTING CEILING FAN TO BE REPLACED WITH NEW TYPE, FIT LUMINAIRE.
  - REMOVE ALL EXPOSED ABANDONED WIRING AND JUNCTION BOXES.
  - ALLOW FOR REPAIR AND PAINTING OF CEILING ABOVE RECEPTION AREA WHERE LUMINAIRE ARE BEING REMOVED AND NOT RETAINED. REMOVE ALL WIRING AND JUNCTION BOXES NO LONGER REQUIRED.



**2 SANDSPIT INN - LEVEL 2 - LIGHTING DEMOLITION**  
E400 1:100

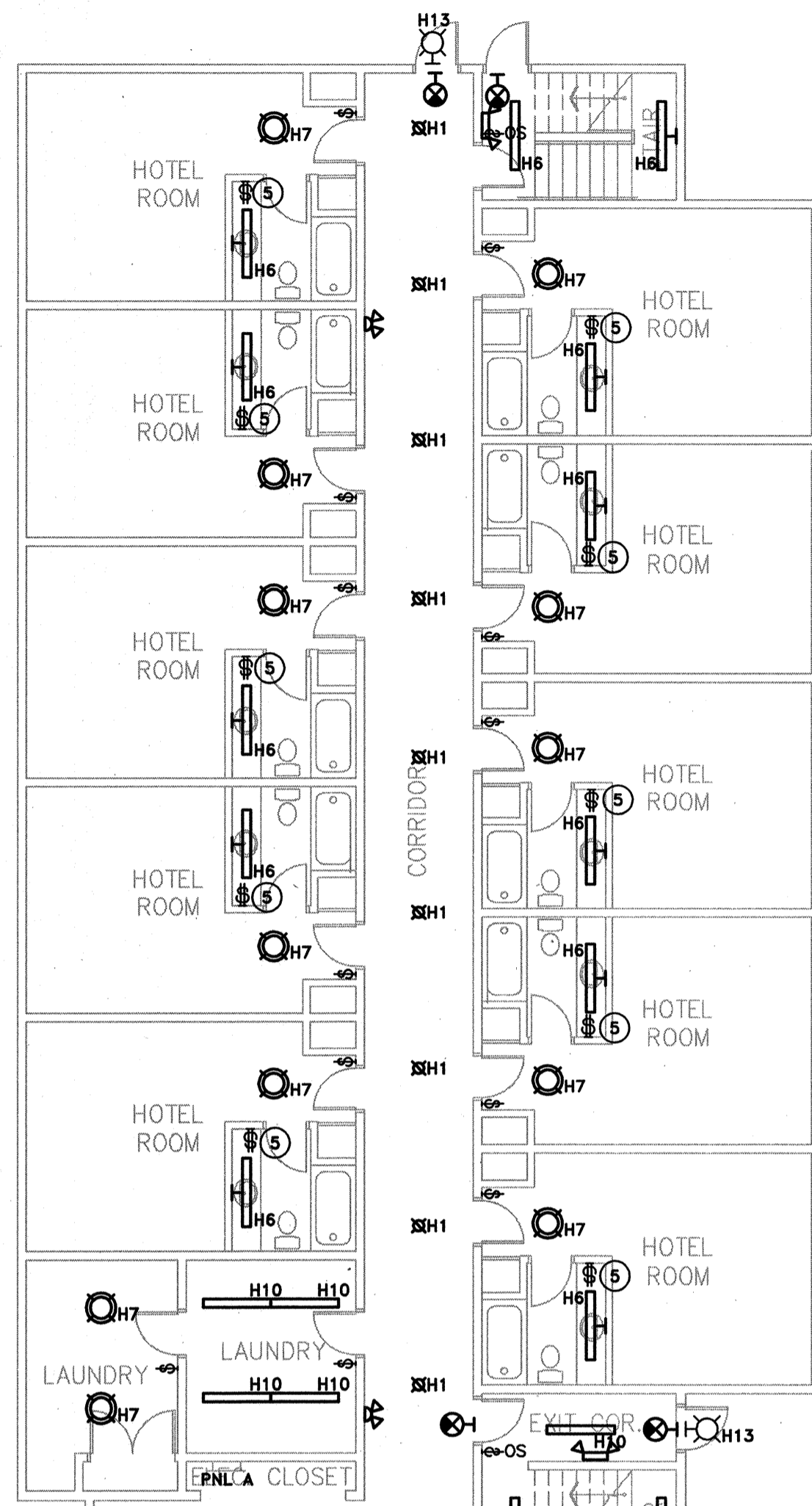


**1 SANDSPIT INN - LEVEL 1 - LIGHTING DEMOLITION**  
E400 1:100



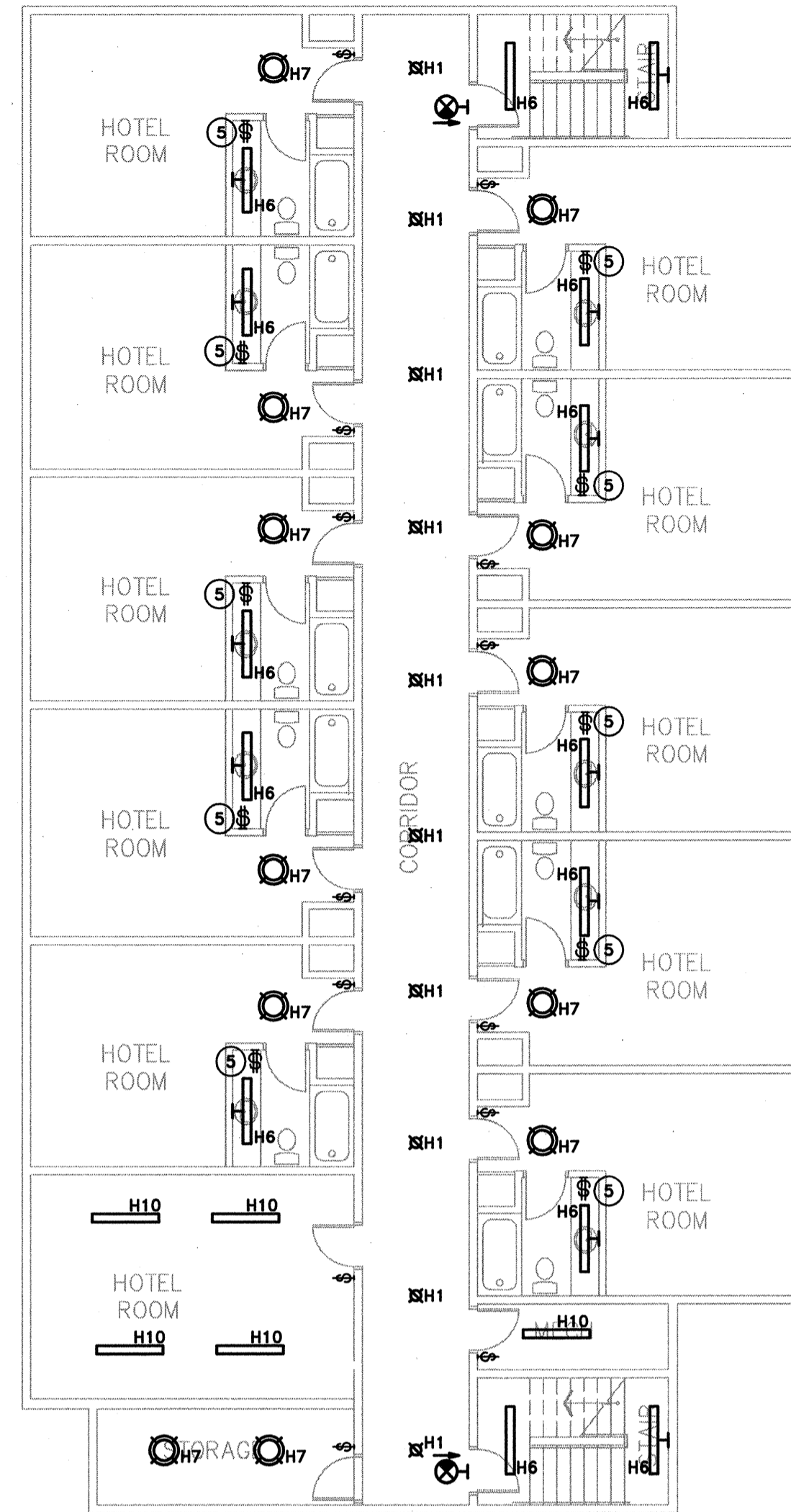
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Revision/Revision	Description/Description	Date/Date
Client/client		
TRANSPORT CANADA		
Project title/Titre du projet		
SANDSPIT, B.C.		
TRANSPORT CANADA SANDSPIT AIRPORT		
LIGHTING UPGRADE		
Consultant Signature Only		
Designed by/Concept par JD		
Drawn by/Dessiné par JD		
TPSGC Project Manager/Administrateur de Projets TPSGC NEDA NADERI		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architecture et de génie, TPSGC MARK BURGER		
Drawing title/Titre du dessin		
SANDSPIT INN LIGHTING DEMOLITION		
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
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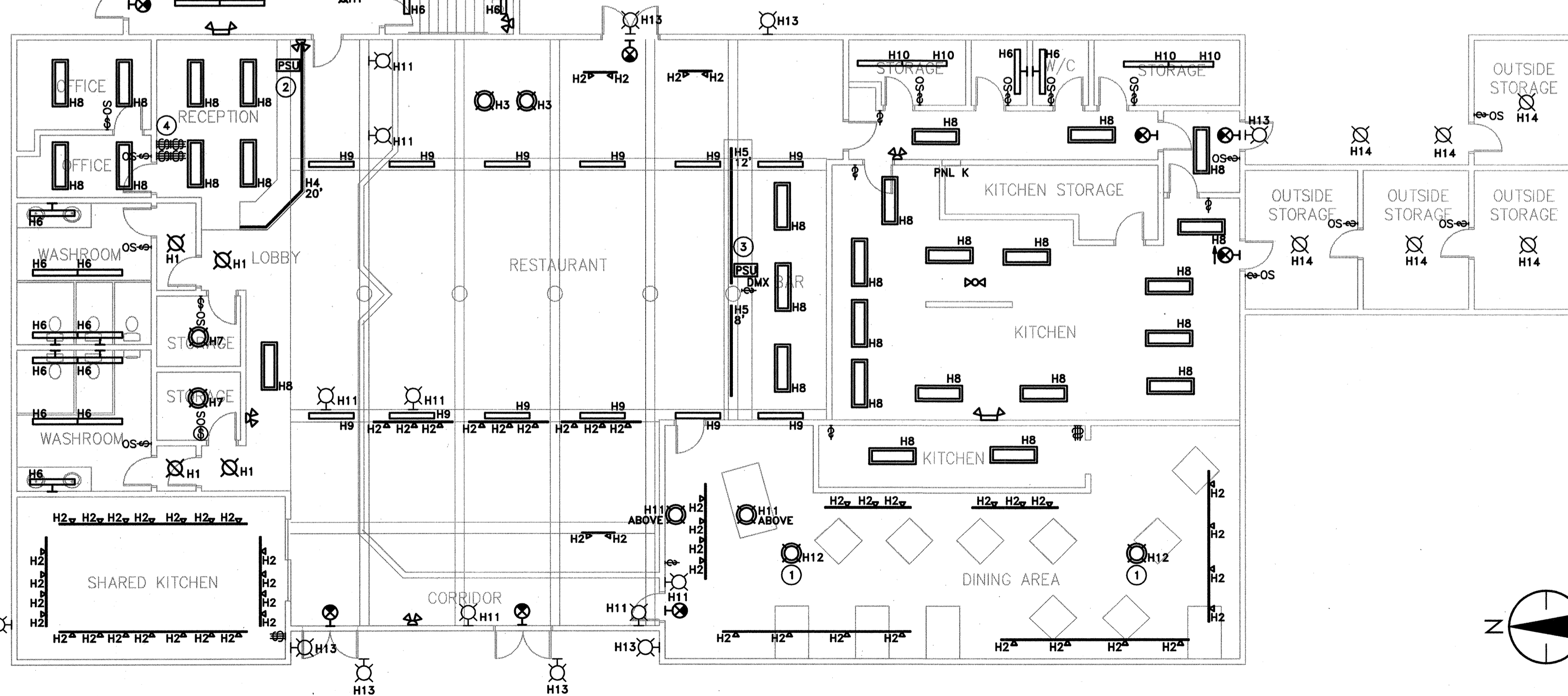


**KEY NOTES -- LIGHTING RENOVATION -- INN**

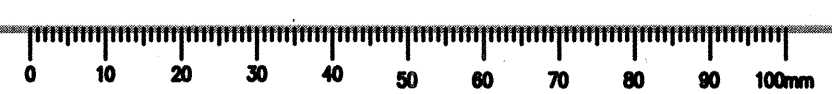
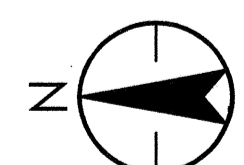
- ① EXISTING CEILING FAN TO BE REPLACED WITH NEW TYPE H12 LUMINAIRE.
- ② PROVIDE 24V POWER SUPPLY FOR TAPELIGHT MOUNTED ADJACENT TO LED TAPE LIGHT MOUNTED IN COVE BELOW RECEPTION COUNTER.
- ③ PROVIDE 24V POWER SUPPLY MOUNTED IN CEILING SPACE ABOVE BAR FOR RGBW TAPELIGHT MOUNTED ABOVE GLASS RACK. PROVIDE RGB CONTROLLER WITH SCENE PRESETS LOCATED ON COLUMN, REPLACING EXISTING SWITCH.
- ④ EXISTING 2 X 6 GANG MASTER SWITCHES LOCATED BEHIND COUNTER TO BE REPLACED WITH NEW. PROVIDE 8 NEW DECORA SWITCHES 4 NEW DECORA LINE VOLTAGE DIMMER SWITCHES (FOR TRACK LIGHT ZONES), 2 X 6 GANG FACEPLATES AS WELL AS NEW LABELING TO MATCH EXISTING.
- ⑤ EXISTING LIGHT AND FAN SWITCHES IN HOTEL WASHROOMS TO BE REPLACED WITH NEW.



**2 SANDSPIT INN - LEVEL 2 - LIGHTING RENOVATION**  
E401 1:100



**1 SANDSPIT INN - LEVEL 1 - LIGHTING RENOVATION**  
E401 1:100

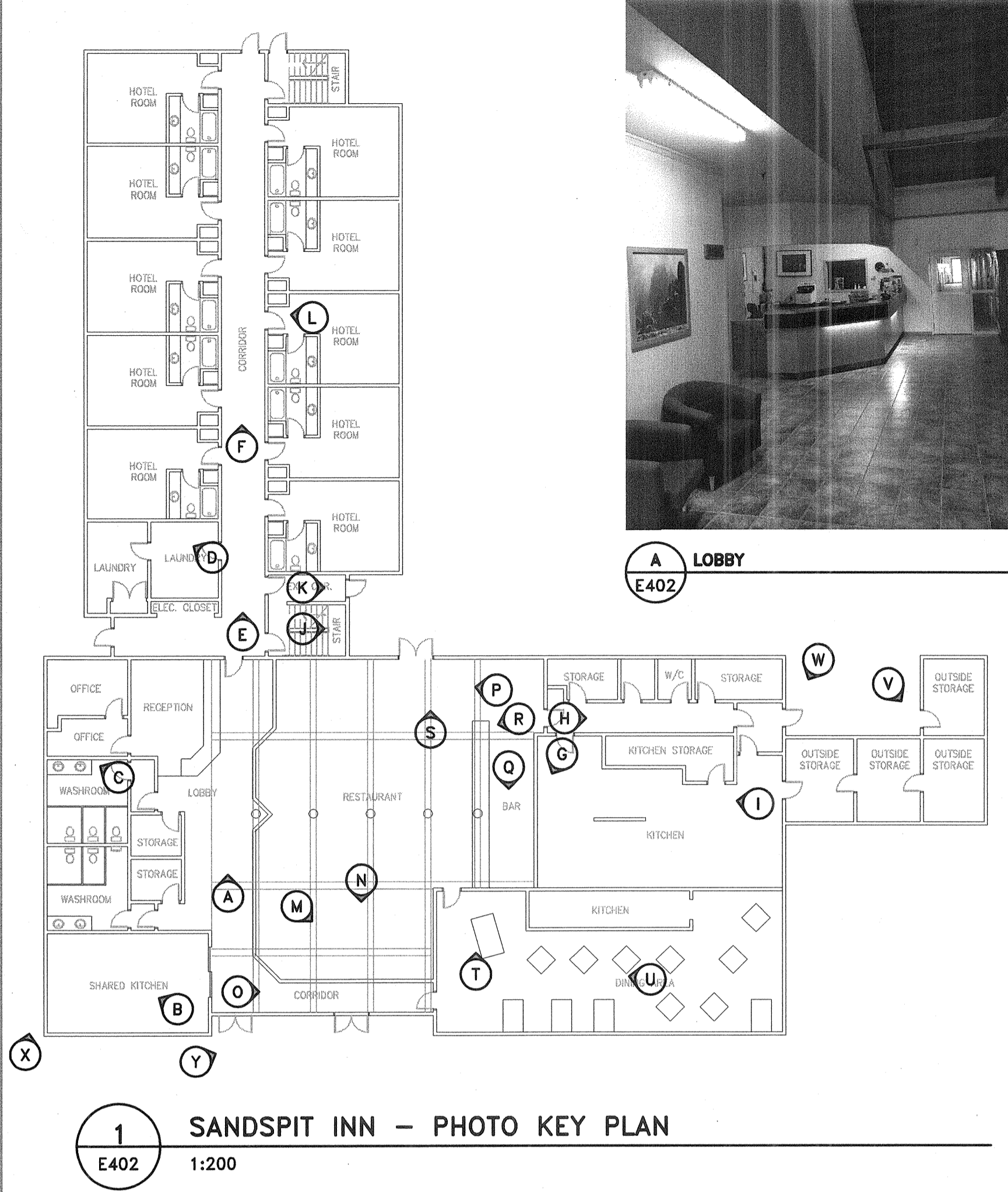
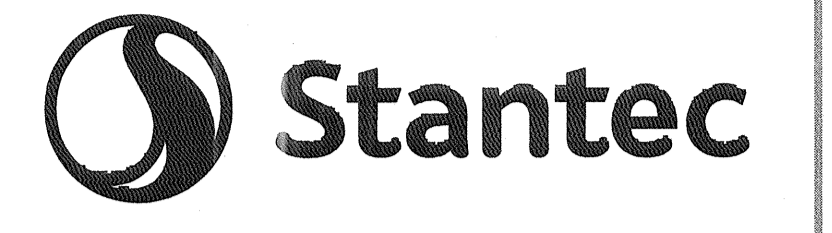


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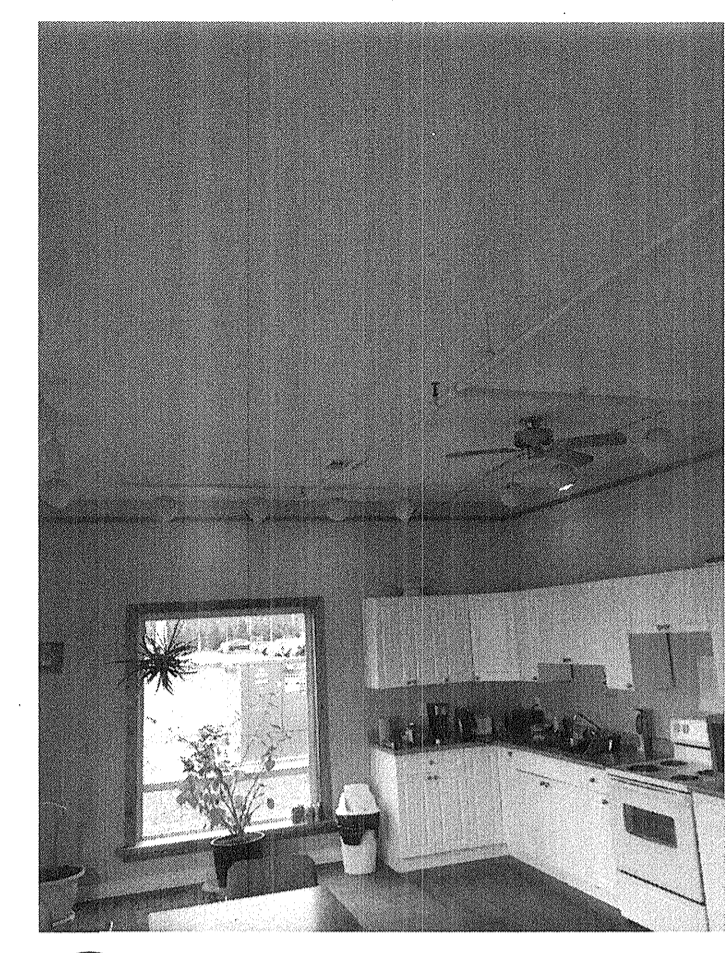
JUN 27 2018

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Revision/Revision	Description/Description	Date/Date

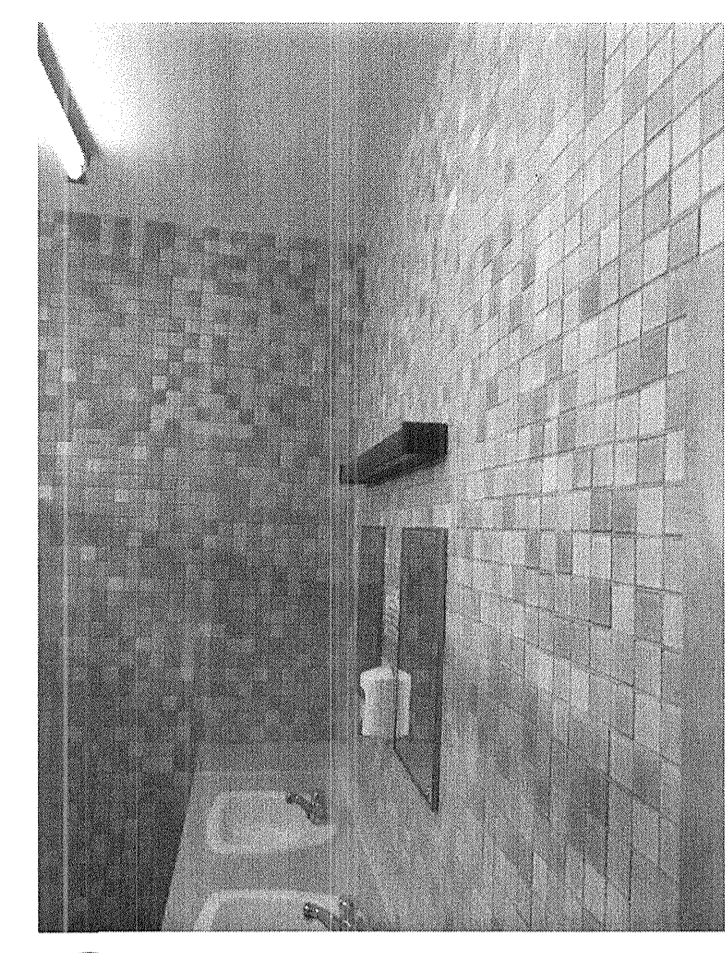
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TRANSPORT CANADA SANDSPIT AIRPORT LIGHTING UPGRADE		
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Designed by/Concept par		
Drawn by/Dessine par		
PRWSC Project Manager/Administrateur de Projets TPSC		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architecture et de génie, TPSC		
Drawing title/Titre du dessin		
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Project No./No. du projet	Sheet/Feuille	Revision no./Lo. Révision
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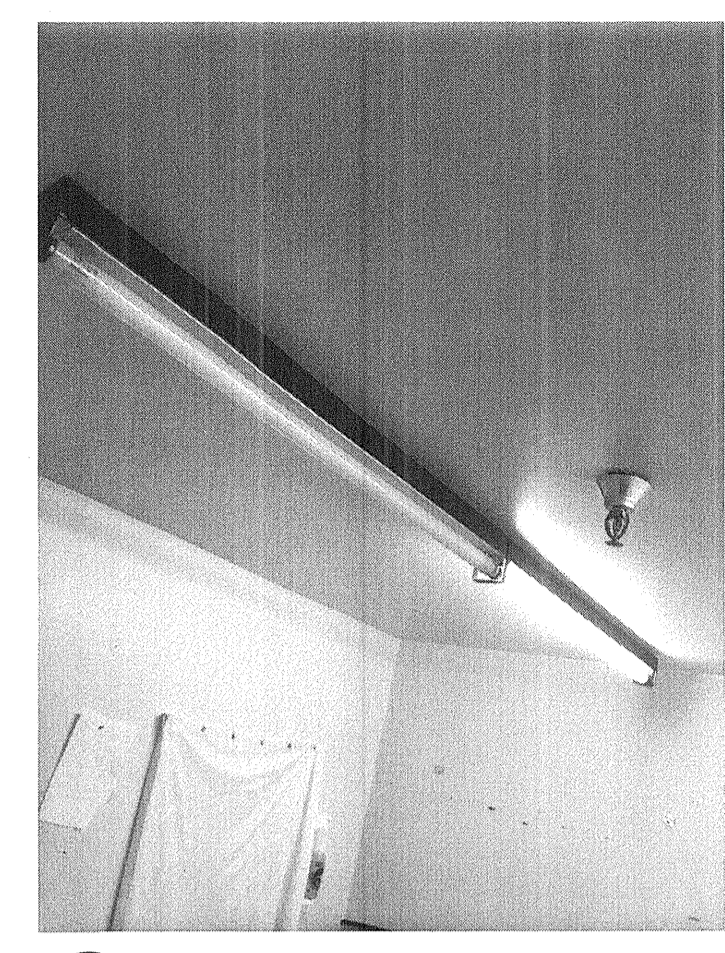
**A LOBBY**  
E402



**B SHARED KITCHEN**  
E402



**C WASHROOM**  
E402



**D LAUNDRY**  
E402



**E CORRIDOR**  
E402



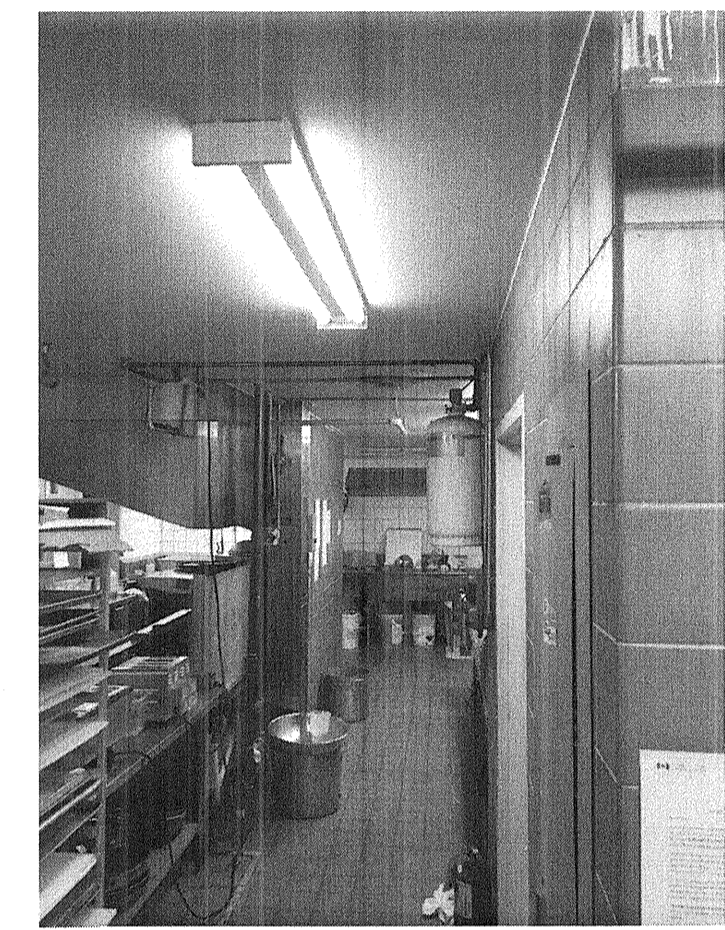
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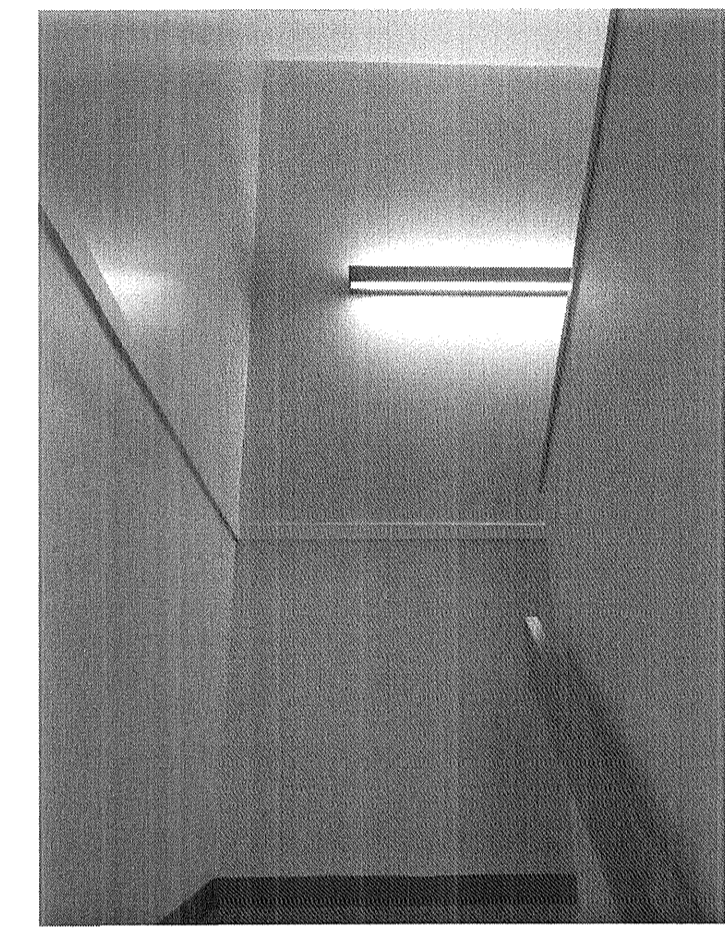
**G KITCHEN**  
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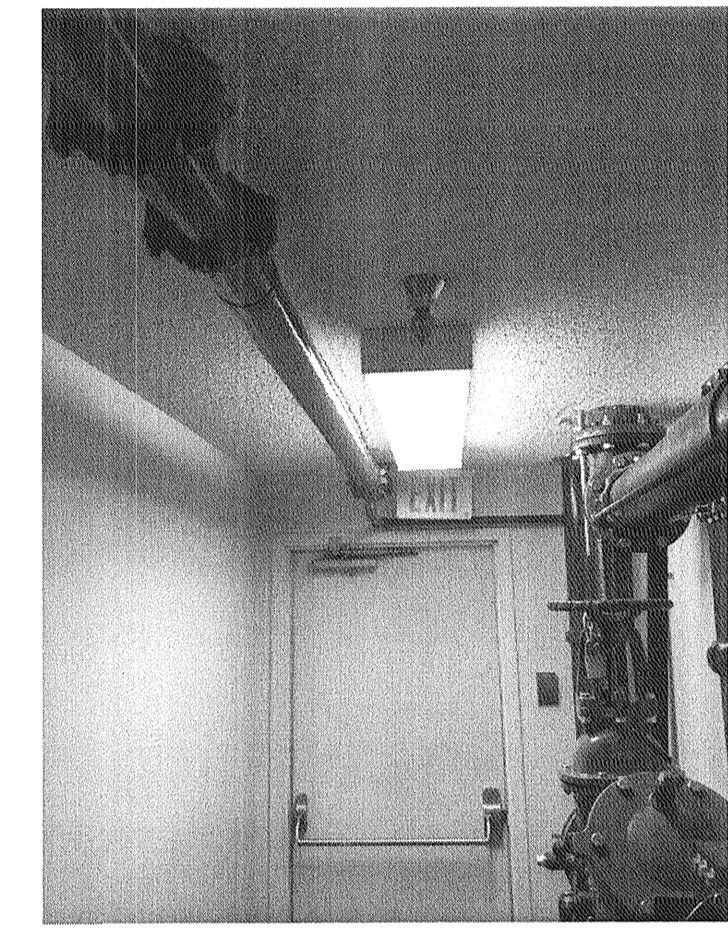
**H KITCHEN CORRIDOR**  
E402



**I KITCHEN**  
E402



**J STAIRS**  
E402



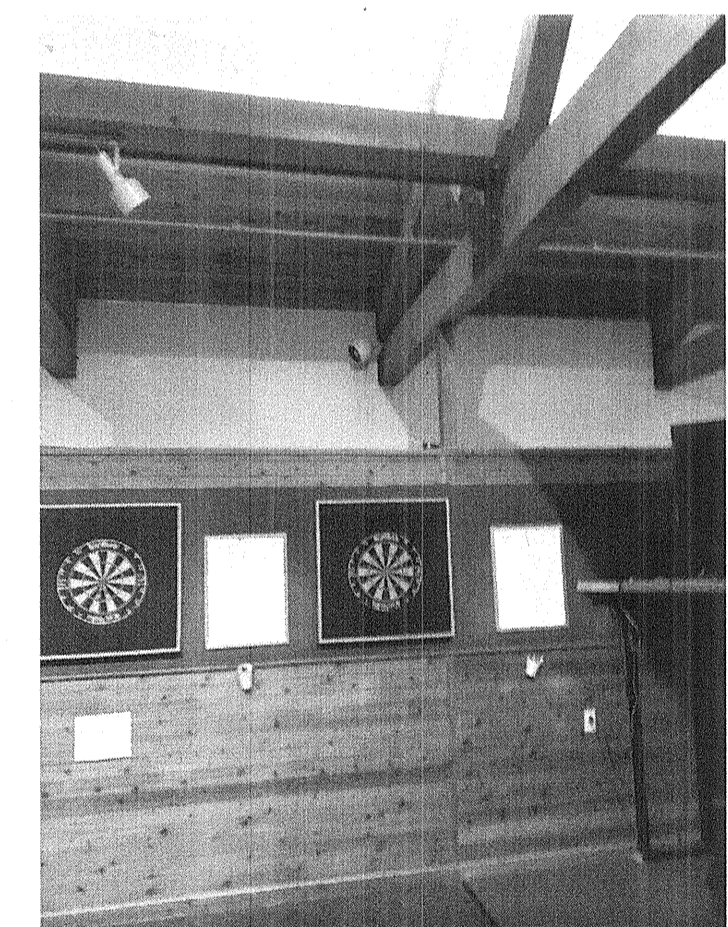
**K EXIT CORRIDOR**  
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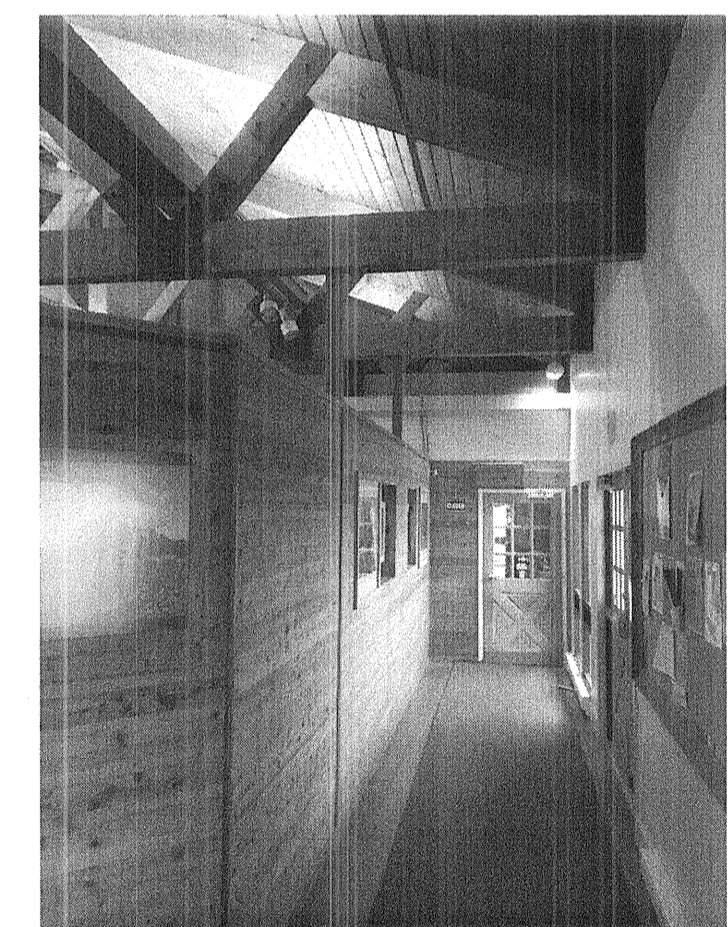
**L HOTEL ROOM – ENTRY**  
E402



**M RESTAURANT**  
E402



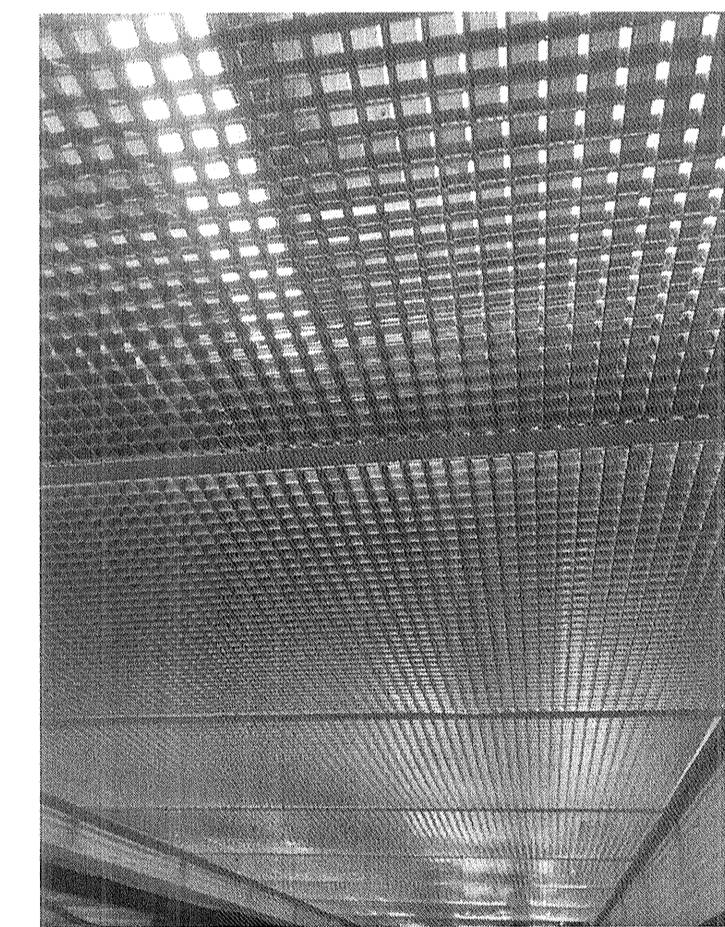
**N RESTAURANT**  
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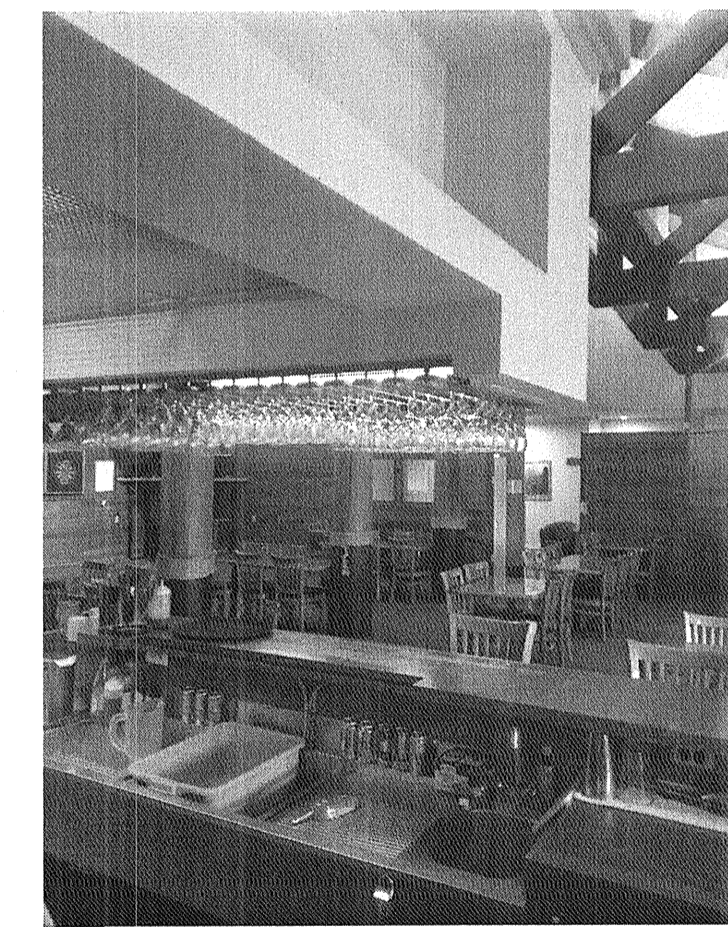
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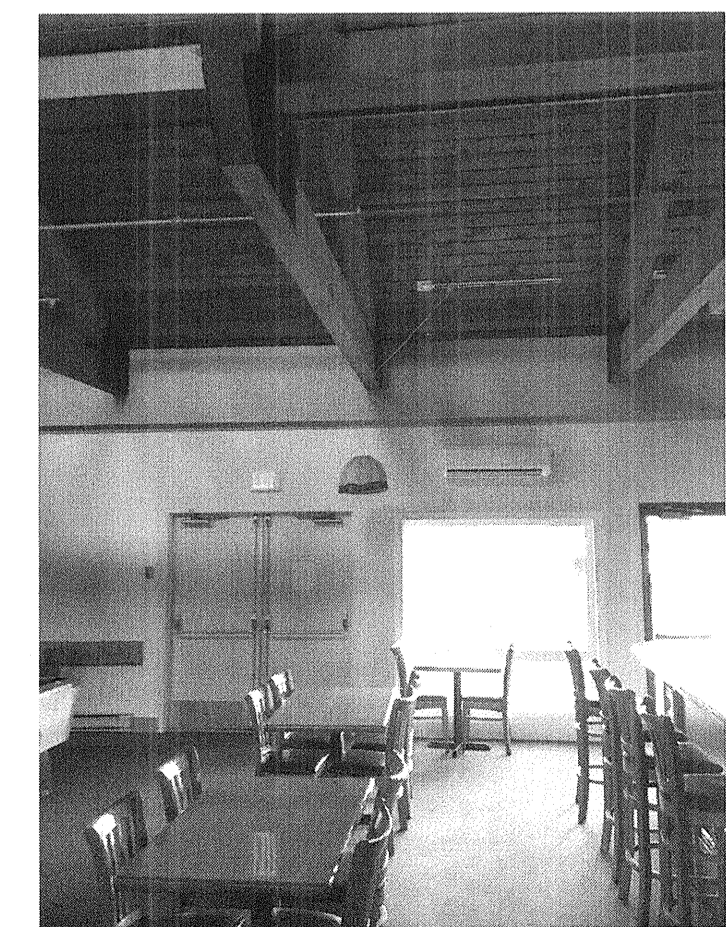
**P RESTAURANT**  
E402



**Q BAR CEILING**  
E402



**R RESTAURANT**  
E402



**S RESTAURANT**  
E402



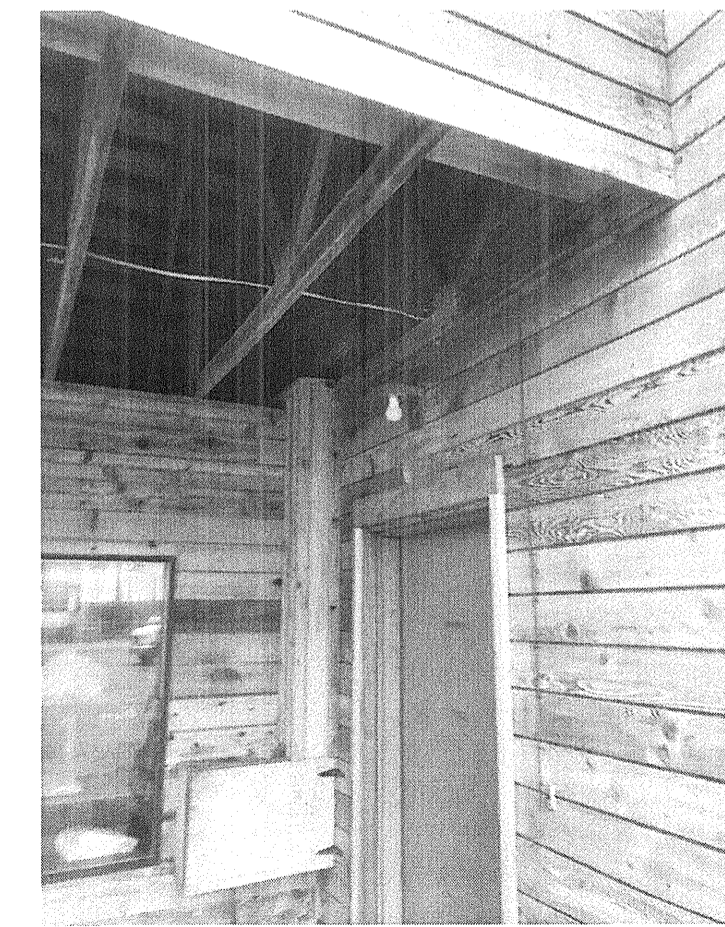
**T RESTAURANT**  
E402



**U RESTAURANT**  
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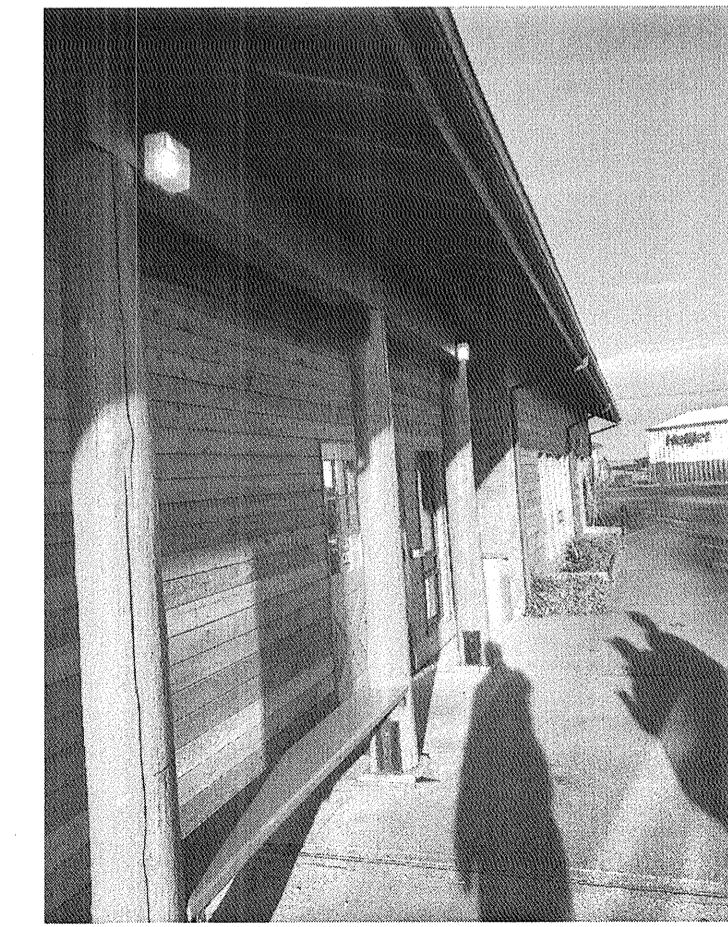
**V EXTERIOR**  
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**W EXTERIOR**  
E402

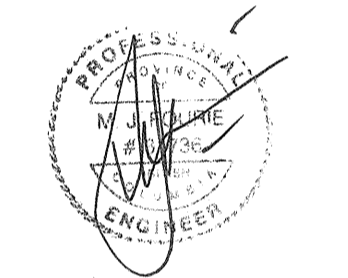


**X EXTERIOR**  
E402



**Y EXTERIOR – MAIN ENTRY**  
E402

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JUN 27 2018

Revision/Revision	Description/Description	Date/Date
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Client/client: **TRANSPORT CANADA**

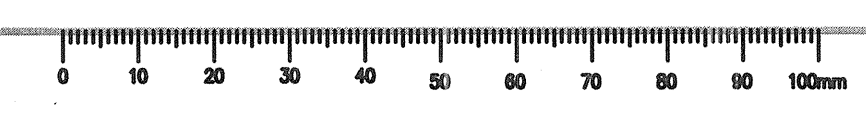
Project title/Titre du projet:  
**SANDSPIT, B.C.**  
 TRANSPORT CANADA  
 SANDSPIT AIRPORT  
**LIGHTING UPGRADE**

Consultant Signature Only  
 Designed by/Concept par: J.D.  
 Drawn by/Dessiné par: J.D.  
 PWSC Project Manager/Administrateur de Projets TPSGC: NEDA NADERI  
 Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architectural et de génie, TPSGC: MARK BURGER

Drawing title/Titre du dessin:  
**SANDSPIT INN PHOTOS**

Project No./No. du projet: R.089425.001	Sheet/Feuille: E402	Revision no./No. de la Révision: 0
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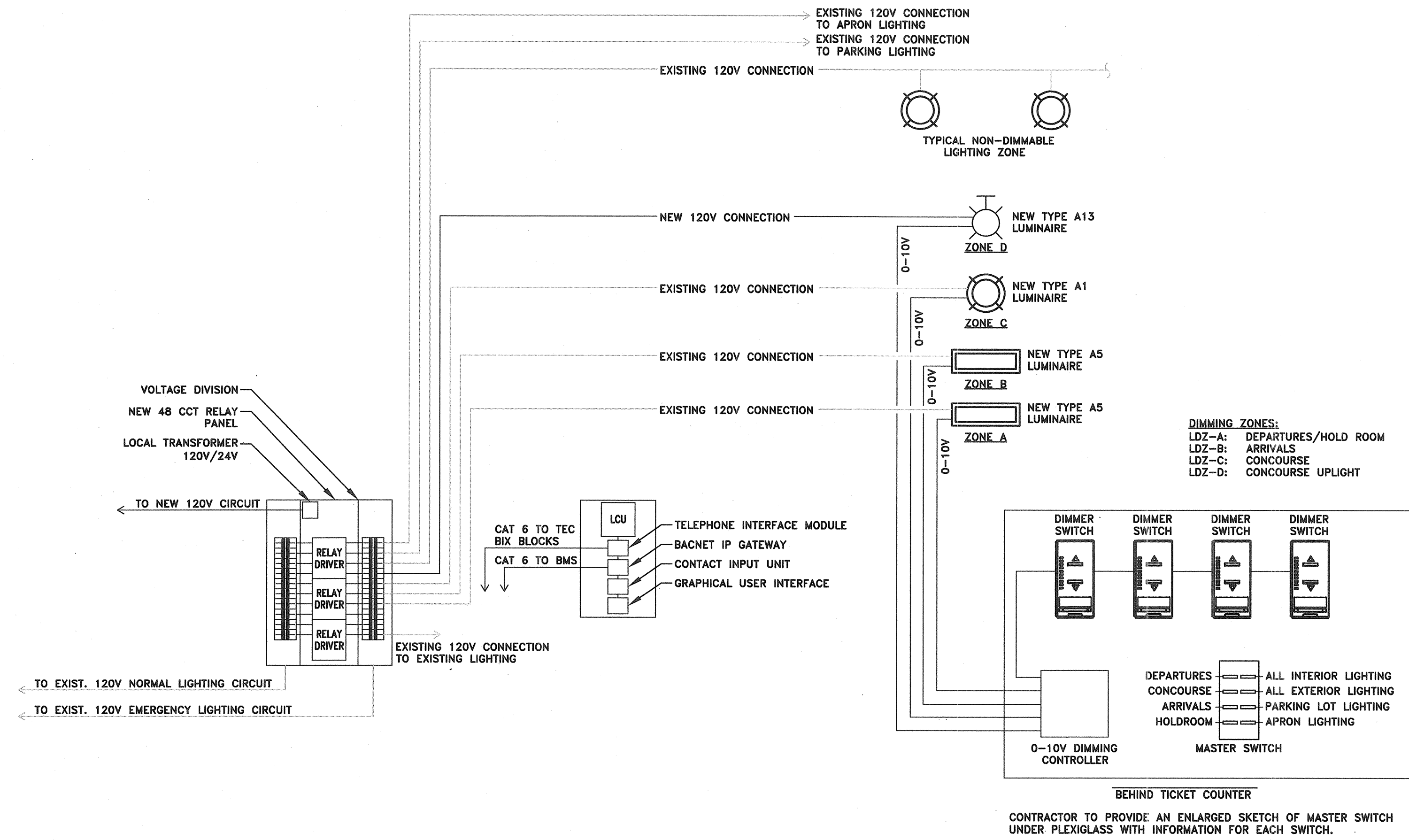
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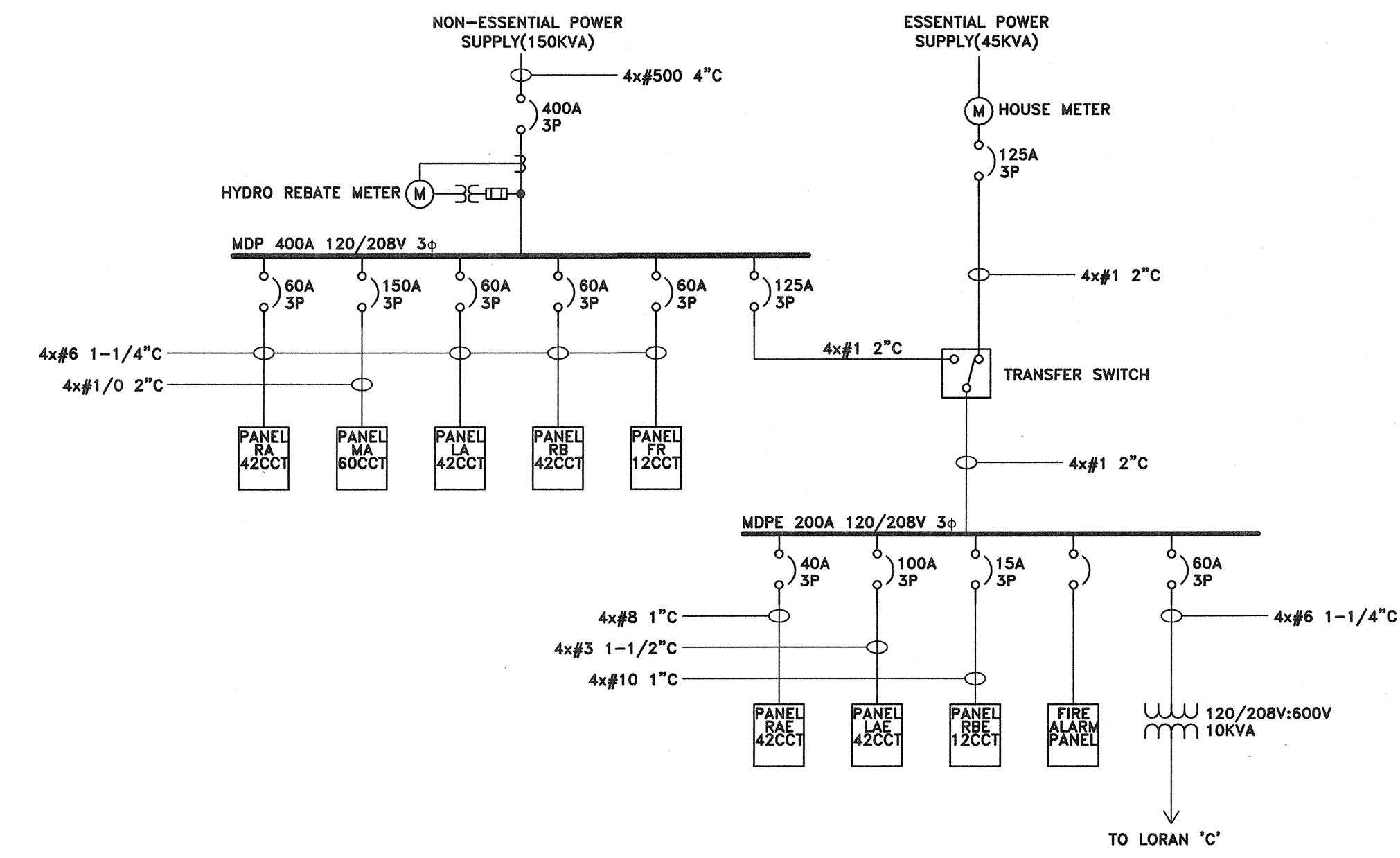




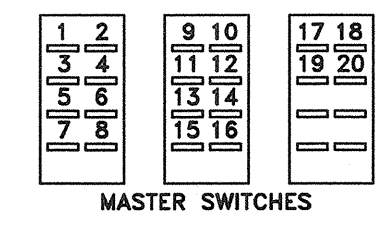




1 AIR TERMINAL BLDG. LIGHTING CONTROL CONNECTION DETAIL  
E600 N.T.S.



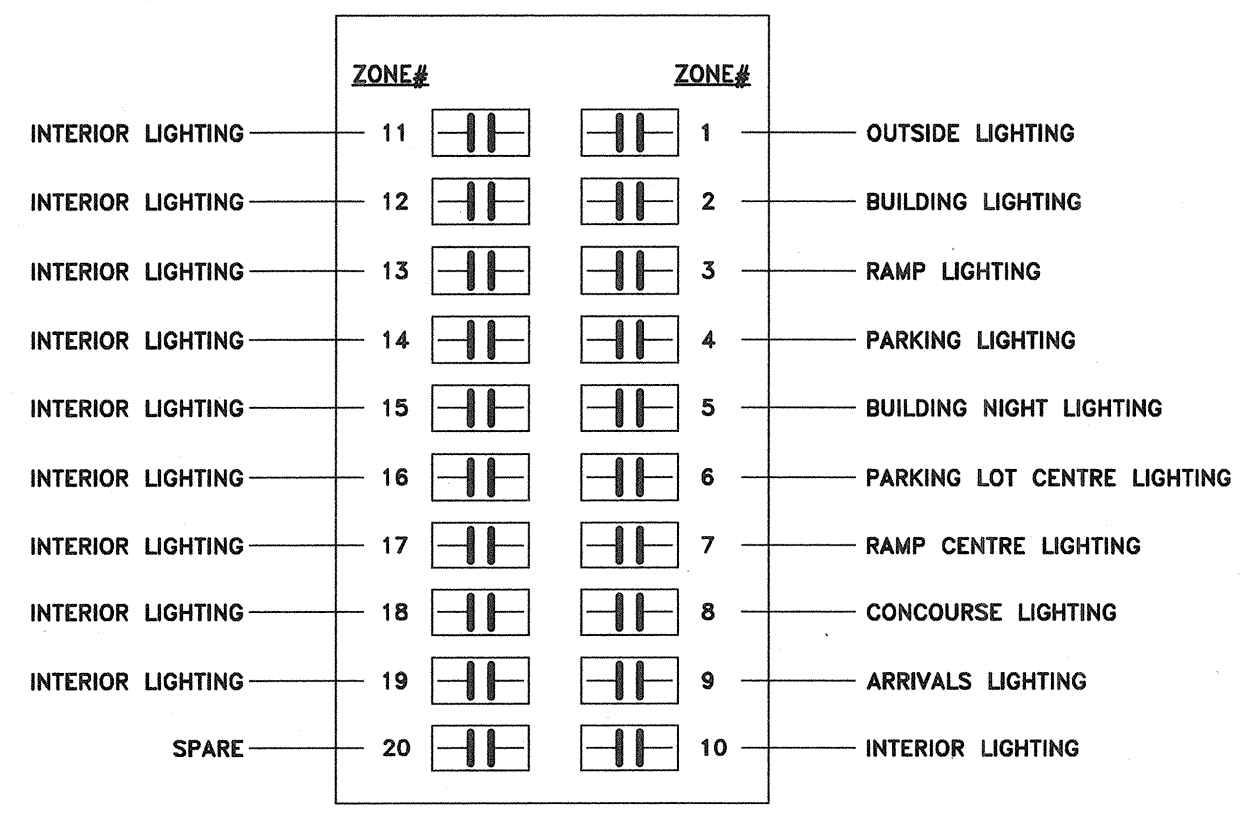
3 AIR TERMINAL BLDG. SINGLE LINE DIAGRAM  
E600 N.T.S.



MASTER SWITCHES

MECHANICAL ROOM

CONTRACTOR TO PROVIDE AN ENLARGED SKETCH OF MASTER SWITCHES UNDER PLEXIGLASS WITH INFORMATION FOR EACH SWITCH.

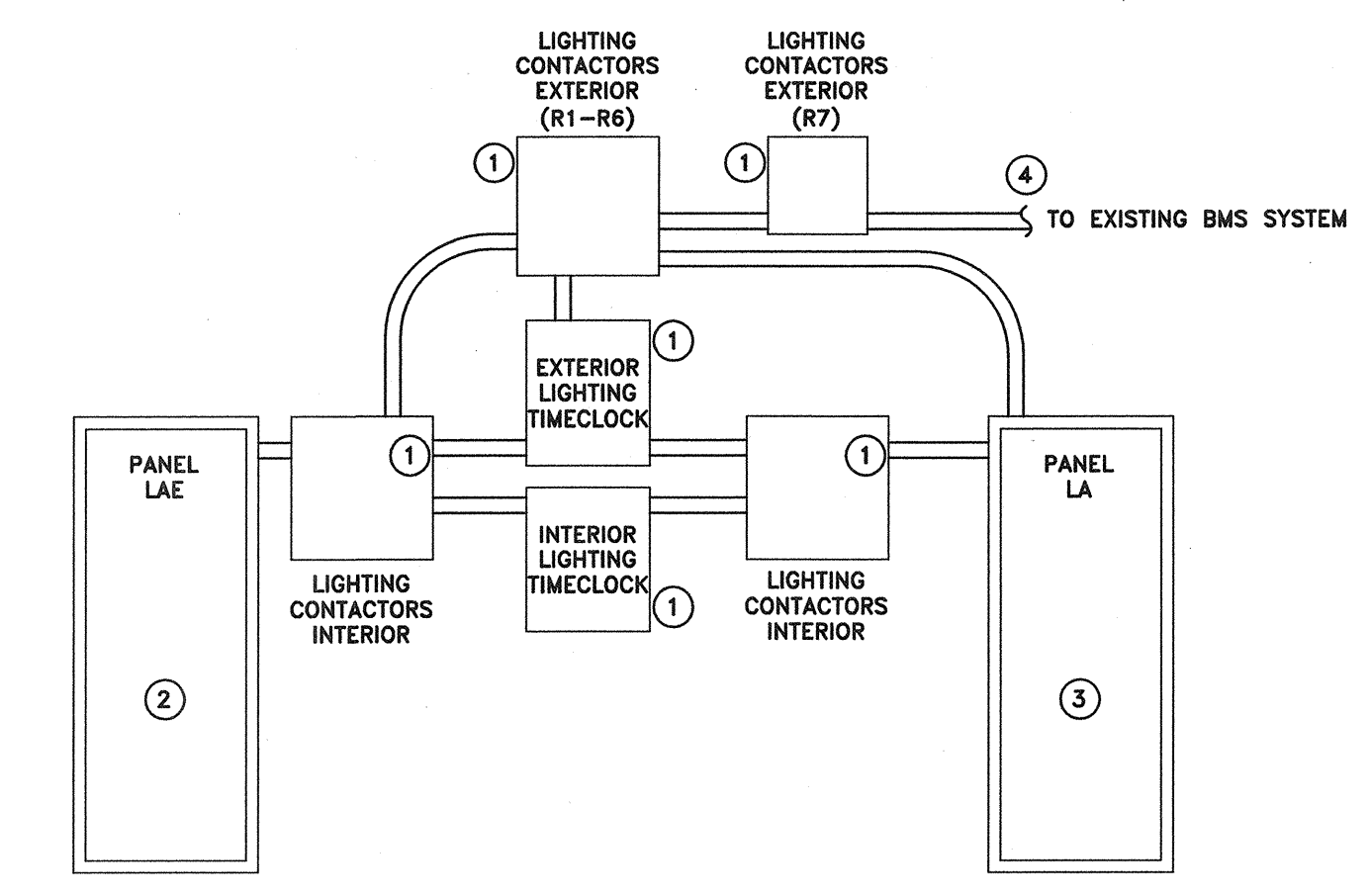


EXISTING RELAY ZONES LABELED ONLY AS "INTERIOR LIGHTING". ELECTRICAL CONTRACTOR TO DETERMINE SWITCH ZONING AND UPDATE WITH DESCRIPTIVE ZONE NAMES.

2 AIR TERMINAL BLDG. RELAY SCHEDULE  
E600 N.T.S.



4 EXISTING LIGHTING CONTROL BEHIND TICKET COUNTER  
E600 N.T.S.



KEY NOTES:  
1. EXISTING TO BE REMOVED. REMOVE ENCLOSURE, RELAYS/TIMELOCKS, CONTACTORS ETC. RETAIN WIRING TO LIGHTING FOR RE-USE.  
2. EXISTING PANEL TO REMAIN.  
3. EXISTING PANEL - PROVIDE NEW 15A BREAKERS (LA-16) FOR NEW CONCOURSE LIGHTING.  
4. EXISTING BUS CONNECTION TO BE RECONNECTED AS REQUIRED AND RE-USED TO NEW RELAY PANEL.

5 EXISTING LIGHTING CONTROL RELAY SYSTEM  
E600 N.T.S.

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JUN 27 2018

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TRANSPORT CANADA

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TRANSPORT CANADA  
SANDSPIT AIRPORT  
LIGHTING UPGRADE

Consultant Signature Only

Designed by/Concept par

Drawn by/Dessine par

Project Manager/Administrateur de Projets TPSGC  
NEGA NADERI

Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
MARK BURGER

Drawing Title/Titre du dessin

DETAILS AND SINGLE LINE DIAGRAMS

