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TRANSPORT CANADA

Project title/Titre du projet

SANDSPIT, B.C.

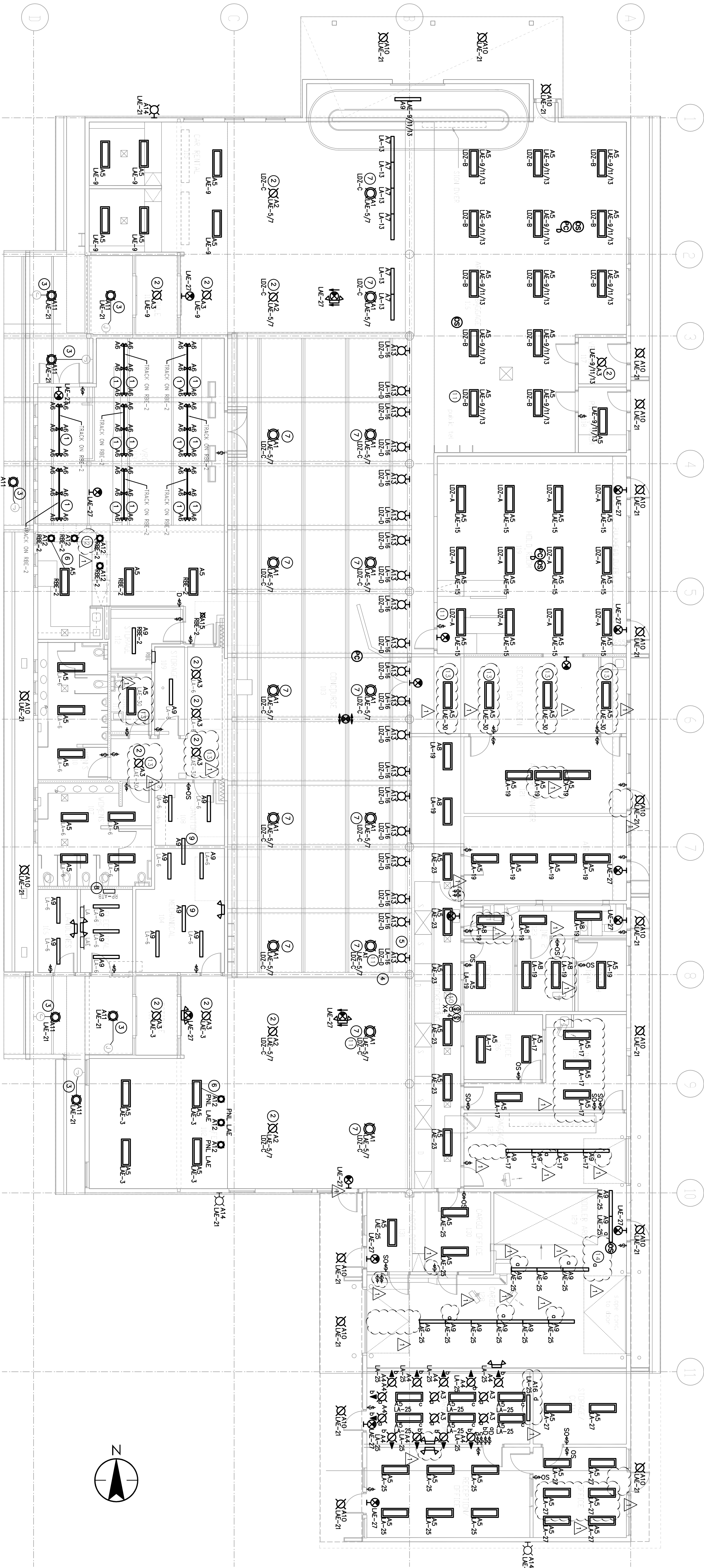
TRANSPORT CANADA
SANDSPIT AIRPORT

LIGHTING UPGRADE


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AIR TERMINAL BUILDING LIGHTING RENOVATION

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|---------------------------|---------------|------------------------------|
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GENERAL NOTES

1. ALL NEW LUMINAIRES LOCATED ARE TO BE POWERED FROM EXISTING CIRCUITS. RE-USE WIRING AND BOXES.
2. 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, UNIFORM DRYWALL REPAIR AND PAINTING MAY BE REQUIRED TO REPAIR DRYWALL FROM SPENCERS OR EXISTING REFLECTOR MOUNTING. ELECTRICAL CONTRACTOR TO INCLUDE ALL COSTS TO BRING CABLE TO EQUIVALENT OR BETTER CONDITION THAN EXISTING.
3. ALL EXISTING LIGHT SWITCHES ARE TO BE REPLACED WITH NEW DECORA STYLE ON/OFF, ON/OFF/OCCUPANCY SENSOR , OR LINE VOLTAGE DIMMER AS INDICATED. SWITCHES WHICH MAY NOT BE SHOWN ON DRAWINGS OR ARE SHARPE SWITCHES AS INDICATED IN LIGHTING CONTROL SPECIFICATION TO ACCORD FOR EXISTING SWITCHES WHICH MAY NOT BE SHOWN ON DRAWINGS.
4. ALL CIRCUIT AND SHOWN IS TO DEMONSTRATE INTENT ONLY, AND IS BASED ON UNCHANGED INFORMATION PROVIDED BY OTHERS. WHERE MULTIPLE CIRCUITS ARE SHOWN ON SINGLE LUMINAIRE ARE, IS ORIGINATED 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 PRIORS TO COMMENCING WORK. RECORD ALL CIRCUITS ON AS-BUILT DRAWINGS.
5. ALL EXIT SIGNS TO BE REPLACED WITH NEW, PROVIDE STEEL EXIT SIGNS IN ALL AREAS OF THE AIR. 
6. CONTRACTOR TO CONFIRM ALL ROOM NAMES AND NUMBERS WITH TRANSITION CONTROL MANAGEMENT PRIOR TO PANEL SCHEDULE LABELING. CONTROLS COMMENSURING, ETC. AND NOTE CORRECT NUMBER ON AS-BUILTS AND ALL ODM VARNAL MATERIALS.

1) AIR TERMINAL BUILDING - LIGHTING RENOVATION

KEY NOTES

- 1 NEW TRUCK LIGHTING TO BE MOUNTED ON EXISTING RETAINED UNIFORMITY SYSTEM. EXTEND EXISTING CIRCUIT FROM RETAINED JUNCTION BOX TO NEW LUMINAIRE POSITION. CONNECTION LOCATIONS: NEW WIRING TO BE #12 CU, R90 IN EMT CONDUIT. CONDUIT TO BE PAINTED BLACK TO MATCH EXISTING UNIFORMITY SYSTEM.
- 2 LED RETROFIT RECESSED LUMINAIRE – RE-USE EXISTING HOUSING AND ELECTRICAL CONNECTIONS.
- 3 LUMINAIRE IN NEW LOCATION – EXTENDED WIRING AND CONDUIT FROM EXISTING JUNCTION BOX AS INDICATED. CONDUIT TO BE SURFACE MOUNTED. RGS PAINTED TO MATCH SPOFF.
- 4 PROVIDE NEW 15A, 120V CIRCUIT FROM EXISTING PANEL LA (1A-16) FOR NEW TYPE A13 LIGHTING. PROVIDE NEW #12CU CONDUCTORS, WIRING TO BE CONCEALED SUCH THAT IT WILL BE HIDDEN FROM VIEW.
- 5 TYPE A13 LUMINAIRE AND ASSOCIATED WIRING TO BE INSTALLED ON TOP SIDE OF WOODEN BEAM AT APPROXIMATELY 3.0 METERS A.F.F.
- 6 EXTEND EXISTING LIGHTING CIRCUIT FROM ADJACENT TYPE A5 LUMINAIRE TO NEW TYPE A13 LUMINAIRE IN ATTIC SPACE ABOVE.
- 7 NEW TYPE A13 LUMINAIRE TO BE SUSPENDED TO MATCH HEIGHT OF EXISTING LUMINAIRE. ELECTRICAL CONTRACTOR TO HIRE SENIOR ENGINEER TO PROVIDE RESTRAIN DETAILS AND SCHEDULES.
- 8 NEW LIGHTING RELAY AND CONTROL PANEL RE-ATTN TO REPLACE EXISTING. RELAYS MOUNTED IN CABINETS. PROVIDE NEW PANEL AND TIE TO EXISTING RELAY CONTROLLED LIGHTING CIRCUITS AND TO EXISTING DISC SYSTEM VIA BATTERY.
- 9 TYPE A5 LUMINAIRE TO REPLACE EXISTING LUMINAIRE LOCATED IN ATTIC SPACE ABOVE MECHANICAL ROOM.
- 10 EXISTING LIGHTING MASTER SWITCHES AND DIMMER LOCATED BEHIND TRUCK ADJUNCT TO BE REPLACED WITH A NEW LOW VOLTAGE DIMMER SWITCHES AND ONE 4 BUTTON LOW VOLTAGE MASTER SWITCH. PROVIDE 0-10V DIMMING CONTROLLER ADDRESSEABLE LOGIC CONNECTED TO FCU IN ELECTRICAL ROOM. REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E001 FOR DETAILS. NEW WIRING TO BE CONCEALED SUCH THAT IT WILL BE HIDDEN FROM VIEW.
- 11 PROVIDE NEW 0-10V WIRING TO LUMINAIRE IN NEW DIMMING ZONES. INDICATED 10Z- FROM NEW DIMMING MODULE INSTALLED AT MASTER SWITCHES BEHIND CEILING SPACE ABOVE GIFT SHOP SALES COUNTER IS ACCESSIBLE THROUGH MECHANICAL ROOM ACCESS LADDER. ALL WIRING FOR NEW TYPE A12 LUMINAIRE TO BE CONCEALED.
- 12 DISCONNECT EXISTING LUMINAIRE FROM EXISTING NON-EMERGENCY LIGHTING CIRCUIT AND RECONNECT LUMINAIRE TO NEW EMERGENCY LIGHTING CIRCUIT. 21A-30.
- 13 PROVIDE NEW WIRING THROUGH ATTIC SPACE TO NEW RELAY PANEL, CIRCUIT BREAKER AND WIRING FROM CIRCUIT BREAKER TO RELAY PANEL.
- 14 PROVIDE NEW LOW VOLTAGE OCCUPANCY SENSOR, LOW VOLTAGE LIGHTING CONTROL RELAY AND WIRING TO 8 TYPE A9 LUMINAIRE IN BAGGAGE 121 AND COOLER AREA 123. ROUTE NEW WIRING THROUGH ACCESSIBLE ATTIC SPACE ABOVE. OCCUPANCY SENSOR TO OVER-IDE THE SCHEDULED LIGHTING CONTROL.