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Revision/ Revision	Description/Description	Date/Date

A	A detail number numéro de détail	A
B	B source drawing no. de dessin no.	B
C	C detail on drawing no. détail sur dessin no.	C

Client/client

**PARK CANADA AGENCY**

**WESTERN AND NORTHERN REGION**

Project title/Titre du projet  
**DAWSON CITY  
YUKON TERRITORY**

**PALACE GRAND THEATRE  
FOUNDATION REPLACEMENT**

Consultant Signature Only

Designed by/Concept par  
AD

Drawn by/Dessiné par  
AD

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Drawing title/Titre du dessin  
**ELECTRICAL DEMOLISHING  
AND RE-INSTALLATION PLAN**

Project No./No. du projet <b>R.068835.001</b>	Sheet/Feuille <b>E1</b> OF 2	Revision no./ La Révision no. <b>0</b>
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APPROXIMATE LOCATION OF OVERHEAD MAIN SERVICE, ALL MAIN SERVICE EQUIPMENT IS LOCATED INSIDE THE MECHANICAL ROOM. CONTRACTOR TO ALLOW FOR ANY CIRCUITS, CABLES AND CONDUITS REMOVAL AND RE CONNECT IN THE CRAWL SPACE TO ALLOW FOR ALL CRAWL SPACE WORK (NEW SUPPORT BEAMS, NEW PILES AND NEW FLOORS, ETC...).

MECHANICAL ROOM ABOVE

ALL DISTRIBUTION PANELS ARE LOCATED IN THE MECHANICAL ROOM, WIRES AND CONDUITS ARE DROPPED TO THE CRAWL SPACE TO FEED THE FIRST FLOOR AND DIRECTED TO THE END POINT OF SERVICE. REMOVE, CUT, SPLICE AND INSTALL AS REQUIRED TO ALLOW FOR THE NEW STRUCTURAL WORK IN THE CRAWL SPACE.



TYPICAL CONDUITS, JUNCTION BOXES AND KEYLESS FIXTURES IN CRAWL SPACE TO BE DISCONNECTED AND RE-INSTALLED TO ALLOW FOR STRUCTURAL WORK.



TYPICAL BARE COPPER CONDUCTOR FROM THE MAIN BUILDING GROUNDING BUS DROPS TO THE BUILDING GROUNDING LOOP. DISCONNECT WHERE NECESSARY AND RE-INSTALL WITH THERMAL WELDING AND BURY TO MEET CEC2015-22.1, ALLOW FOR ONE EXTRA GROUNDING PLATE TO BE INSTALLED IN THE BID PRICE COMPLETE WITH 2/0 CU CONDUCTOR TO BE ADDED TO THE GROUNDING SYSTEM.



TYPICAL EMT CONDUITS IN THE CRAWL SPACE, DISCONNECT TO ALLOW FOR NEW STRUCTURAL WORK, RE-INSTALL COMPLETE WITH JUNCTION BOXES. ALLOW FOR CONDUITS REPAIR WHERE NEEDED IN THE BID PRICE.



TYPICAL FLOOR BOXES THROUGHOUT THE FIRST FLOOR TO BE REMOVED TEMPORARILY AND RE-INSTALLED ONCE ALL FLOOR WORK IS COMPLETED. ALLOW FOR ANY ACCESSORIES IN THE BID PRICE FOR COMPLETE OPERATIONAL SYSTEM.

TYPICAL BUNDLE OF EMT CONDUITS, BIX CABLES, RW90 WIRING, CAT5E, NMD90 AND OTHER TYPES STRAPPED TO THE JOISTS AND INTERCONNECTED BETWEEN THE JOISTS TO FEED THE FIRST FLOOR POWER, TEL DATA AND FEEDS THE FIRE ALARM DEVICES THROUGHOUT THE BUILDING. DISCONNECT WHERE NECESSARY, SPLICE AND RECONNECT AFTER WORK IS COMPLETED. ALL SPLICES MUST BE INSIDE WEATHERPROOF BOXES AND WHERE EXTENDED CABLE IS REQUIRED USE THE SAME SIZE AND TYPE CABLE. INFORM THE ENGINEER WHERE TYPE OF CABLES DO NOT MEET CURRENT STANDARDS. ALLOW FOR ALL FIRE ALARM SYSTEM WIRING TO BE RE-INSTALLED ONCE WORK IS COMPLETED, COMPLETE WITH COMPLETE FIRE ALARM VERIFICATION. PROVIDE FIRE WATCH AS PER YTG STANDARD WHEN THE SYSTEM IS NOT IN SERVICE. ALL WORK TO CSA/CEC 22.1-15.

TYPICAL BOXES, KEYLESS FIXTURES, PLUGS, JUNCTIONS BOXES THROUGHOUT THE CRAWL SPACE TO BE REMOVED TEMPORARILY TO ALLOW FOR STRUCTURAL WORK. RE-INSTALL COMPLETE WITH TESTING ONCE WORK IS COMPLETED. TYPICAL FOR ALL ELECTRICAL COMPONENT IN THE CRAWL SPACE. ALLOW FOR NEW 5 WEATHERPROOF PLUGS REPLACEMENT AND 8 KELESS FIXTURES COMPLETE WITH LED BULBS REPLACEMENT IN THE BID PRICE.



TYPICAL CABLES BUNDLE, CONDUITS, JUNCTION BOXES AND KEYLESS FIXTURES IN CRAWL SPACE TO BE DISCONNECTED AND RE-INSTALLED TO ALLOW FOR STRUCTURAL WORK.



TYPICAL CABLES BUNDLE, CONDUITS, JUNCTION BOXES AND KEYLESS FIXTURES IN CRAWL SPACE TO BE DISCONNECTED AND RE-INSTALLED TO ALLOW FOR STRUCTURAL WORK.

- NOTES:
1. CONTRACTOR TO CONFIRM THE QUANTITY OF CONDUITS, WIRING AND DEVICES ONSITE.
  2. REFER TO DRAWING S2 OF 9 FOR ADDITIONAL PICTURE OF CRAWL SPACE.
  3. CONTRACTORS PRE-TENDER SITE VISIT IS MANDATORY, CONTRACTOR SHALL INFORM THE ENGINEER IF ANY CONCERNS ARISE FROM THE SITE VISIT.

TYPICAL EXISTING FIRE ALARM SYSTEM WIRING/CONDUIT ROUTE, DRY SPRINKLER SYSTEM IN CRAWL SPACE WILL BE COMPLETELY REMOVED, CONTRACTOR TO REMOVE ALL WIRING TO THE DRY SPRINKLER CRAWL SPACE ZONE AND UPDATE THE PANEL DIRECTORY AND THE ZONE MAP. ALLOW FOR NEW FIRE ALARM VERIFICATION IN THE BID PRICE. FIRE ALARM VERIFICATION MUST BE CARRIED BY A ULC APPROVED COMPANY, ELECTRICIAN, AND A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN YUKON. CARRY THE COST OF OF THE VERIFICATION IN THE BID PRICE. ALL NEW WORK MUST MEET CAN/ULC-S524-14 AND SHOULD BE VERIFIED TO CAN/ULC-S537-13. SYSTEM SHUTDOWN TO BE MINIMAL, PROVIDE FIRE WATCH WHEN THE SYSTEM IS NOT OPERATIONAL, FIRE WATCH PLAN MUST BE APPROVED BY LOCAL FIRE PREVENTION OFFICERS (AHJ) BEFORE COMMENCING THE WORK.

