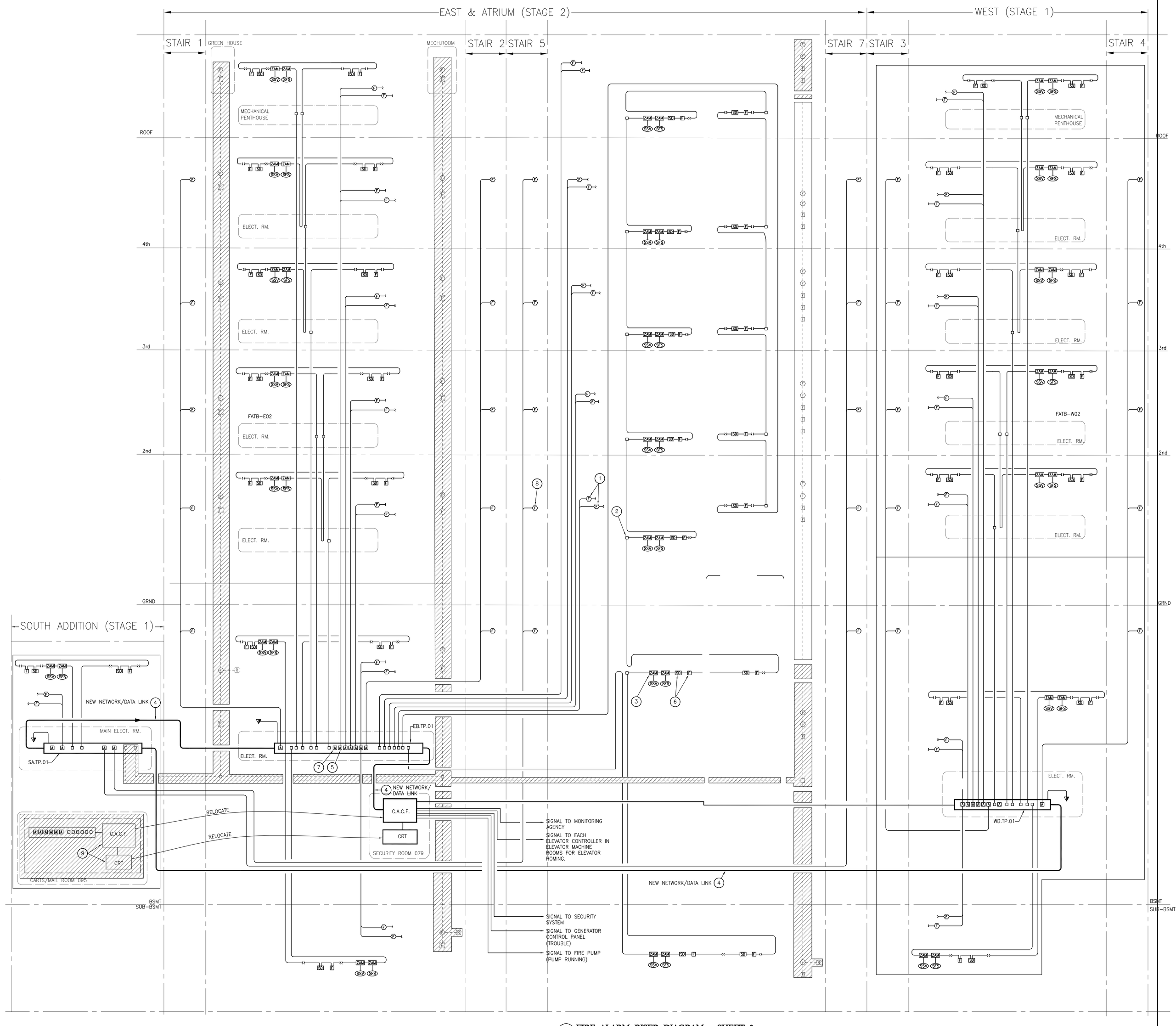

1 E310 FIRE ALARM RISER DIAGRAM - SHEET 3
N.T.S.

SPECIFIC NOTES:

1. TYPICAL
WIRE SPEAKERS TO ALTERNATE CIRCUITS IN EACH ZONE. EACH ADJACENT SPEAKER TO BE ON A DIFERENT CIRCUIT.

2. TYPICAL
LINE ISOLATOR.

3. TYPICAL
ADDRESSABLE MODULE FOR NON ADDRESSABLE DEVICE, (FLOW SWITCH, TAMPER SWITCH ETC.) QUANTITY AS REQUIRED.

4. NETWORK/DATA LINK TO BE FIRE RATED (MICC).

5. TYPICAL AMPLIFIER. REFER SECTION 16703, CLAUSE 2.8.

6. TYPICAL
ADDRESSABLE DEVICES AS PER FLOOR PLAN.

7. TYPICAL STAND BY AMPLIFIER, REFER SECTION 16703, CLAUSE 2.8.

8. TYPICAL
PROVIDE TWO SPEAKER CIRCUITS IN EACH STAIRWELL. ADJACENT SPEAKERS IN STAIRWELL TO BE ON ALTERNATE CIRCUITS. STAIRWELL SPEAKERS TO BE WIRED FOR VOICE COMMUNICATION (MESSAGING) ONLY. ALARM AUDIBLE SIGNAL NOT TO BE PROVIDED FOR STAIRWAYS.

9. RELOCATE C.A.C.F. AND CRT TO FINAL LOCATION IN SECURITY ROOM 079.

GENERAL NOTES:

1. FIRE ALARM RISER DIAGRAM INDICATED ON THIS DRAWING IS DIAGRAMMATIC AND SHOWS PRINCIPLES AND METHODOLOGY ONLY. THIS DRAWING TO BE READ IN CONJUNCTION WITH FLOOR PLAN DRAWINGS.

2. DATA COMMUNICATION LINK BETWEEN TRANSPONDERS AND C.A.C.F. TO BE CLASS A, DCLR STYLE. REFER TO CAN/ULC-S524 STANDARDS FOR REQUIREMENTS.

3. DATA COMMUNICATION LINK BETWEEN TRANSPONDER AND FIELD DEVICES TO BE CLASS A CIRCUIT WITH ONE PATH CONNECTING ALL DEVICES ON THE CIRCUIT AND RETURNING THROUGH AN ALTERNATE PATH TO THE TRANSPONDER. CONDUIT RUNS TO HAVE MINIMUM ONE (1) METER SEPARATION.

4. SPEAKER CIRCUITS BETWEEN TRANSPONDER AND FIELD DEVICES TO BE CLASS A CIRCUIT WITH ONE PATH CONNECTING ALL DEVICES ON THE CIRCUIT AND RETURNING THROUGH AN ALTERNATE PATH TO THE TRANSPONDER. CONDUIT RUNS TO HAVE MINIMUM ONE (1) METER SEPARATION.

5. SMOKE DETECTORS IN EACH STAIRWAY TO BE CONNECTED TO TRANSPONDERS THROUGH SEPARATE DATA LOOPS.

6. PROVIDE FAULT ISOLATION MODULES AS PER CAN/ULC-S524-01 REQUIREMENTS. FAULT IN ONE FIRE ALARM ZONE NOT TO PREVENT NORMAL OPERATION OF INPUT/OUTPUT FIELD DEVICES IN ANOTHER ZONE.

7. THIS DRAWING SHOW INSTALLATIONS OF NEW FIRE ALARM SYSTEM IN THE BUILDING. DASHED LINES INDICATE EXISTING INSTALLATIONS TO BE REMOVED OR RELOCATED WHERE SO INDICATED REMOVE THE DEVICES/INSTALLATIONS THAT ARE INDICATED FOR REMOVAL, AFTER THE NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED & COMMISSIONED.

8. REFER TO DRAWINGS TP4/C-E308 REV.1 FOR WORK CARRIED OUT IN WEST WING & SOUTH ADDITION.

9. INSTALL FIRE ALARM SYSTEM IN EAST WING AND ATRIUM AS INDICATED.

10. REFER TO SPECIFICATIONS FOR LOCATION OF PAGING ACCESS POINTS AND PROVIDE.

11. REMOVE TEMPORARY FIRE ALARM PULL STATIONS AND SPEAKERS AS SHOWN IN HATCHED AREA, AFTER THE FIRE ALARM SYSTEM HAS BEEN INSTALLED TESTED AND COMMISSIONED.

REV.1 NOTE
DRAWING REVISED TO REFLECT THE IMPACT OF COMBINING STAGE 2 & STAGE 3 (PHASE 4 & PHASE 5).

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KEY PLAN PLAN CLE

revision / révision / issue / émission	description	date
01	RECORD DRAWING	17 AUG 2010

A detail no. no. du dTail
B location drawing no. no. de localisation
C drawing no. no.du dessin

project / projet
VICTORIA MEMORIAL MUSEUM BUILDING Rehabilitation project
PROJET DE RÉHABILITATION DE L'ÉDIFICE COMMÉMORATIF VICTORIA

drawing / dessin
FIRE ALARM RISER DIAGRAM SHEET 2

measured / mesuré		
date		
drawn / dessiné	Q.G./B.H.	
date	15 OCT 04	
reviewed / examiné	K.S./B.H.	
date	15 OCT 04	
approved / approuvé	K.S.	
date	15 OCT 04	
tender / soumission	MARIA SOMJEN	
PWC Project Manager	Administrateur de projets TPC	
project no. / no. du projet	436914	
drawing no. / no. du dessin	TP4/C-E310	