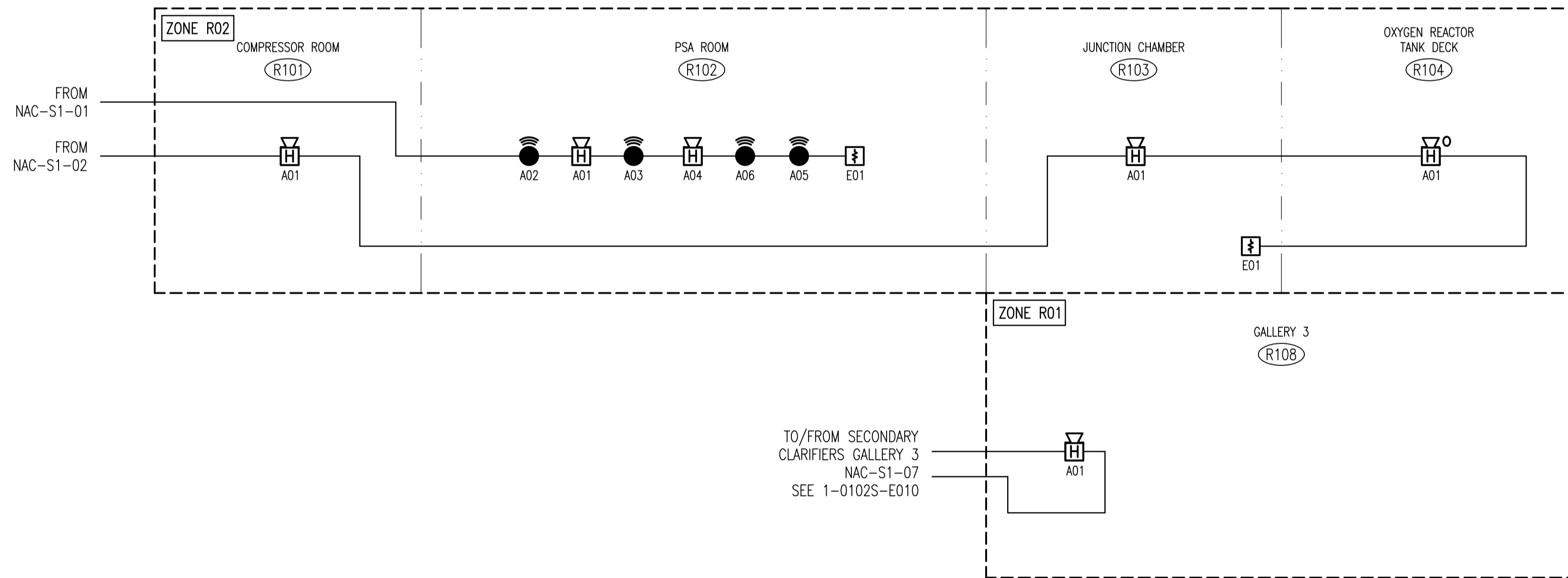


**DETECTION RISER DIAGRAM**  
SCALE: NTS



**NOTIFICATION RISER DIAGRAM**  
SCALE: NTS

CONSTRUCTION NOTES	
1	INSTALL PRIMARY AND ALTERNATE WIRING OF SLC-S1-01 CIRCUIT IN SEPARATE CONDUITS SEPARATED BY AT LEAST 1200mm ON HORIZONTAL RUNS AND AT LEAST 300mm ON VERTICAL RUNS.

ZONE DESCRIPTIONS	
ZONE	DESCRIPTION
R01	OXYGEN REACTORS LOWER LEVEL (GALLERY 3)
R02	OXYGEN REACTORS MAIN LEVEL

- NOTES:**
1. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-Rxxx-yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER.
  2. UTILIZE A MINIMUM WIRE SIZE FOR NAC CIRCUITS OF 12 AWG, OR LARGER AS REQUIRED.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/11	EFB	CJR

**SNC-LAVALIN INC.**  
148 Nature Park Way  
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204-786-8080

DESIGNED BY: E. BOHNCKE  
CHECKED BY: C. REIMER  
DRAWN BY: E. BOHNCKE  
APPROVED BY: C. REIMER  
SCALE: --  
RELEASED FOR CONSTRUCTION BY: N. HARRINGTON  
DATE: 2011/03/22  
DATE: 2011/03/11  
CONSULTANT NO.: 112577-0101-47DD-0053

ENGINEER'S SEAL  
ORIGINAL DRAWING  
SEALED BY:  
C. J. REIMER  
SNC-LAVALIN  
MEMBER #21968  
2011/03/25  
REV. 00

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTER  
FIRE ALARM UPGRADE  
FIRE ALARM RISER DIAGRAM  
OXYGEN REACTORS

CITY DRAWING NUMBER: 1-0102R-E0004  
SHEET: 001  
REV.: 00  
SIZE: A1

1-0102A-E0002	PANEL NETWORKING DIAGRAM
1-0102A-E0001	FIRE ALARM LEGEND AND DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS