

KEYPLAN

DESIGN INTENT NOTES

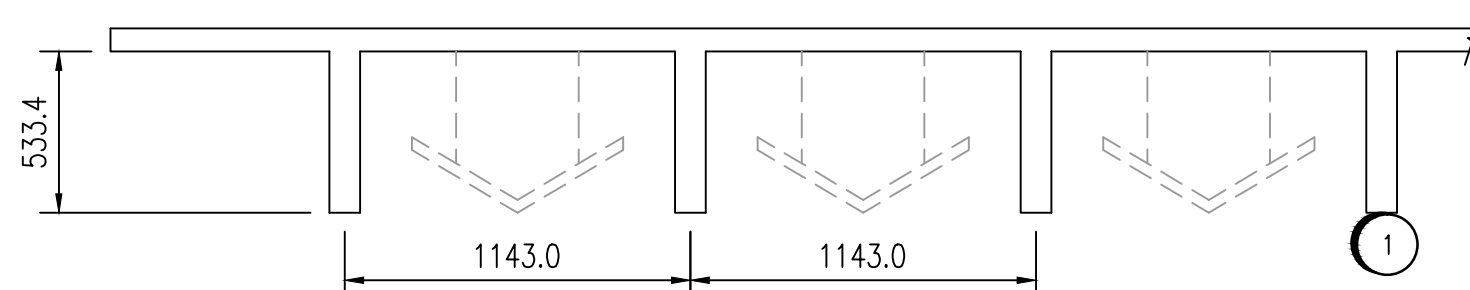
DETECTION IS NOT PROVIDED IN THE PSA ROOM (R102) AS THE CITY WILL LIKELY BE MOVING AWAY FROM ON-SITE OXYGEN GENERATION DURING THE UPCOMING PLANT EXPANSION, ELIMINATING THE RATIONALE FOR PROVIDING DETECTION IN THIS AREA.

CONSTRUCTION NOTES

INSTALL HEAT DETECTORS IN ROOM R101 ON THE BOTTOM OF CEILING BEAMS.

ROOM DETAILS

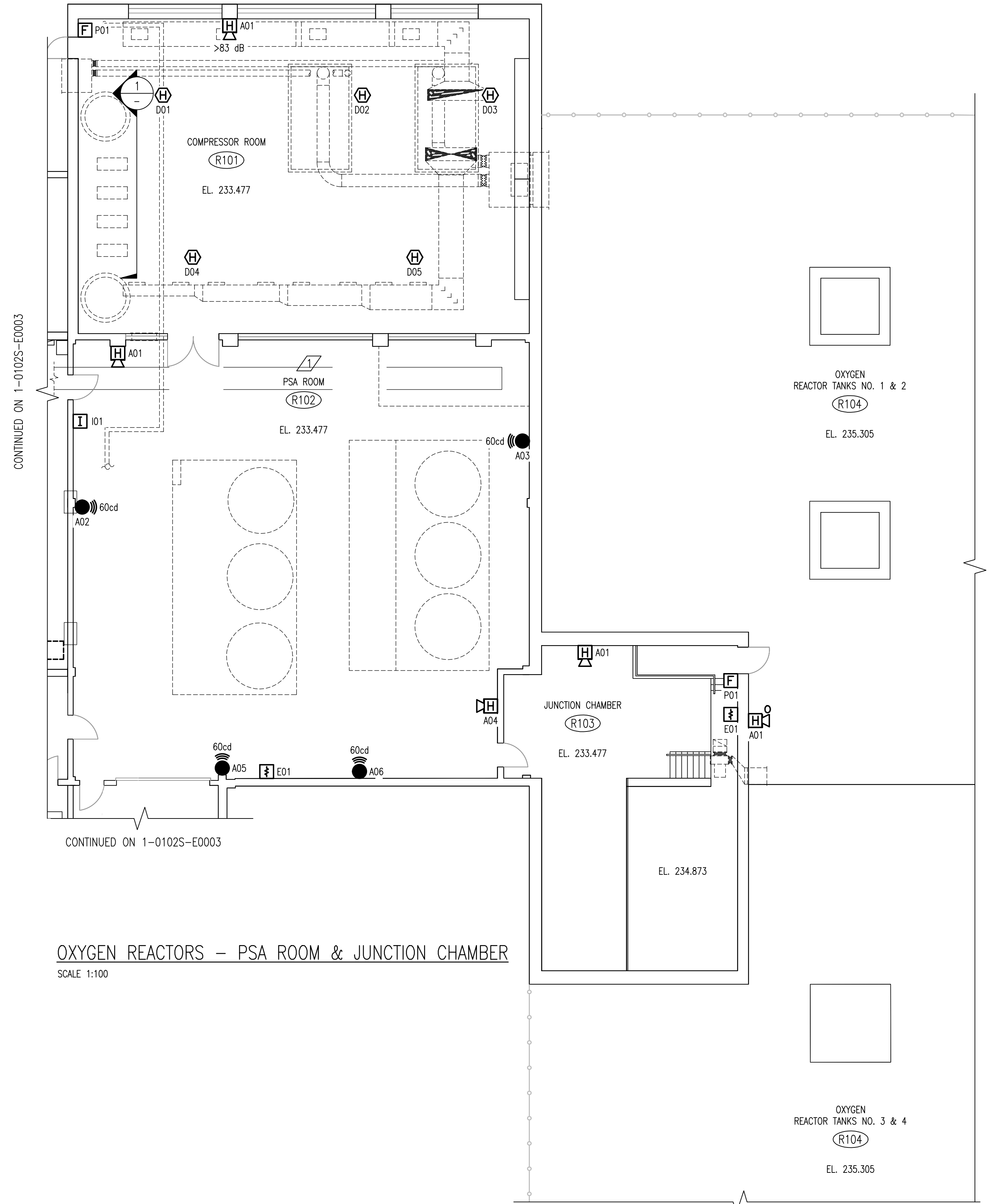
ROOM ID	HEIGHT	CEILING TYPE	REF DWG
R101	6.86m	SEE DETAIL 1	SEP-370
R102	6.86m	SEE DETAIL 1	SEP-370
R103	4.16m	CONCRETE	SEP-347



CEILING BEAM SECTION  
SCALE 1:25

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.



OXYGEN REACTORS - PSA ROOM & JUNCTION CHAMBER

SCALE 1:100

1:100



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  
Winnipeg, MB, Canada R3P 0X7  
204-786-8080

DESIGNED BY: E. BOHNCKE  
CHECKED BY: C. REIMER  
DRAWN BY: E. BOHNCKE  
APPROVED BY: C. REIMER  
SCALE: AS SHOWN  
RELEASED FOR CONSTRUCTION BY: N. HARRINGTON  
DATE: 2009/03/20  
DATE: 2011/03/11  
CONSULTANT NO.: 112577-0101-47DD-0051

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 CENTRE  
FIRE ALARM UPGRADE  
PLAN LAYOUT  
FIRE ALARM - OXYGEN REACTORS  
PSA ROOM & JUNCTION CHAMBER

CITY DRAWING NUMBER: 1-0102R-E0002  
SHEET: 001  
REV: 00  
SIZE: A1