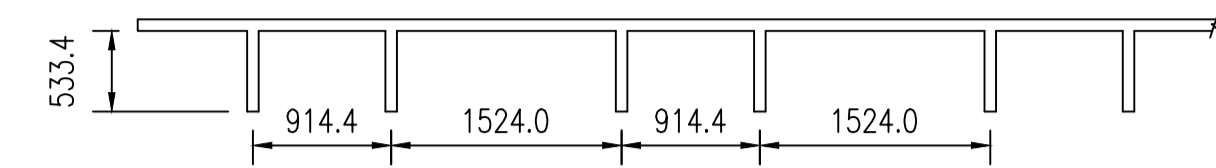


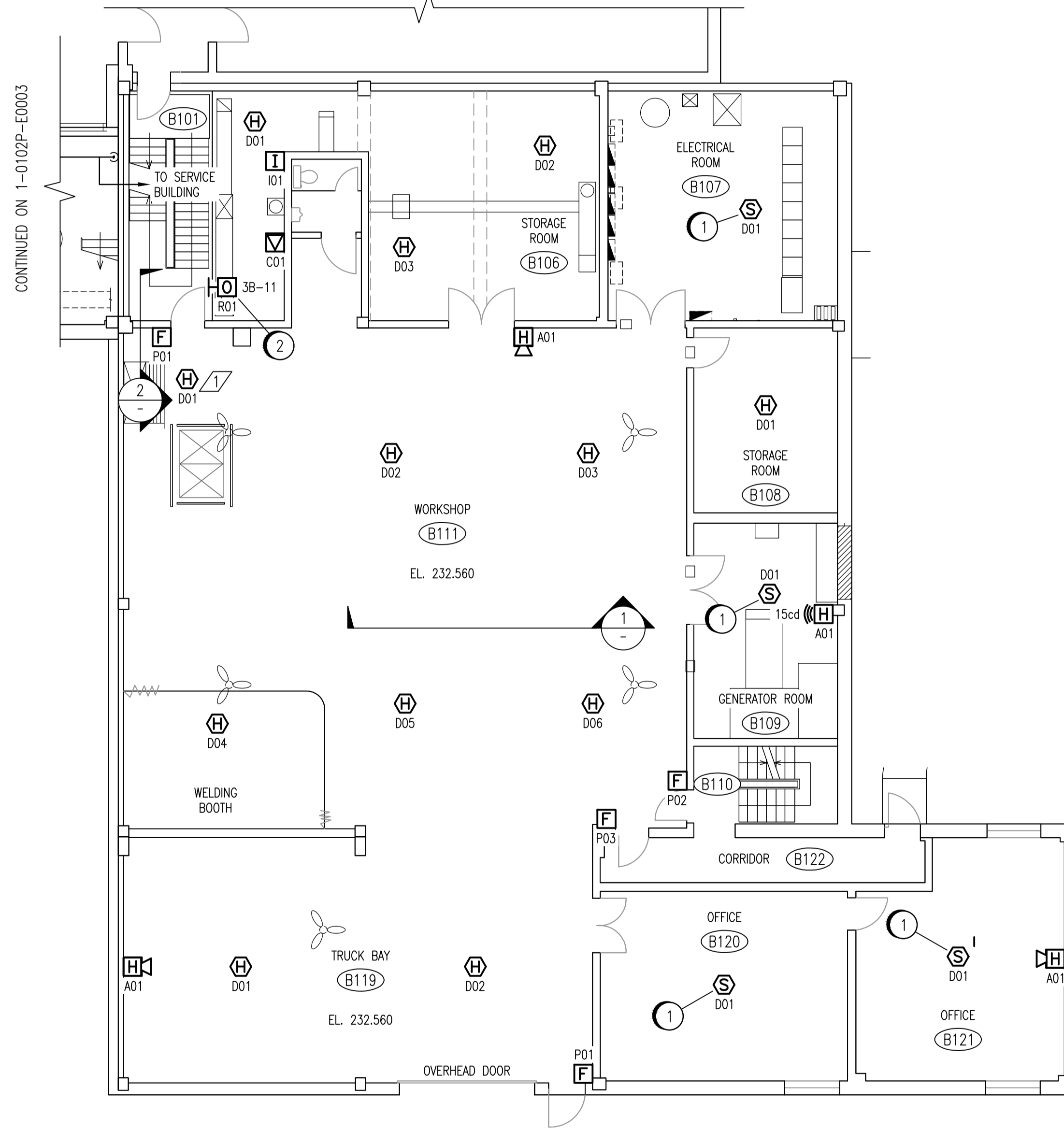
INTERLOCK SCHEDULE		
INITIATING DEVICE	CONTROLLED DEVICE	ACTION
ALL	FAS-B101-R01	RELEASE MAGNETICALLY HELD OPEN FIRE DOOR



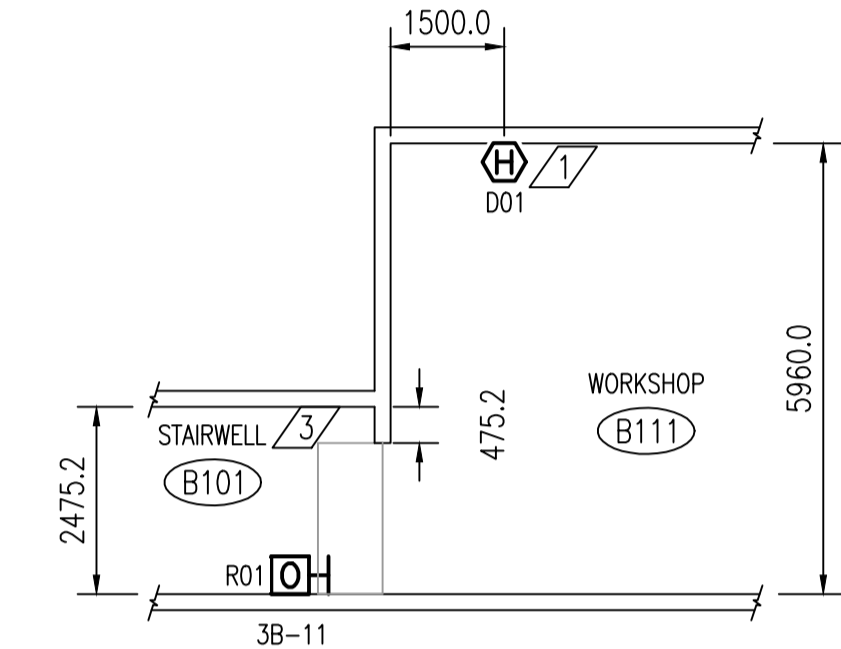
1 CEILING BEAM SECTION
SCALE 1:50

CONSTRUCTION NOTES	
1	REPLACE EXISTING DETECTORS. REMOVE ALL WIRING TO DCS.
2	INSTALL PENETRATIONS AS PER DETAILS 1 AND 2 OF 1-0102A-E0008.

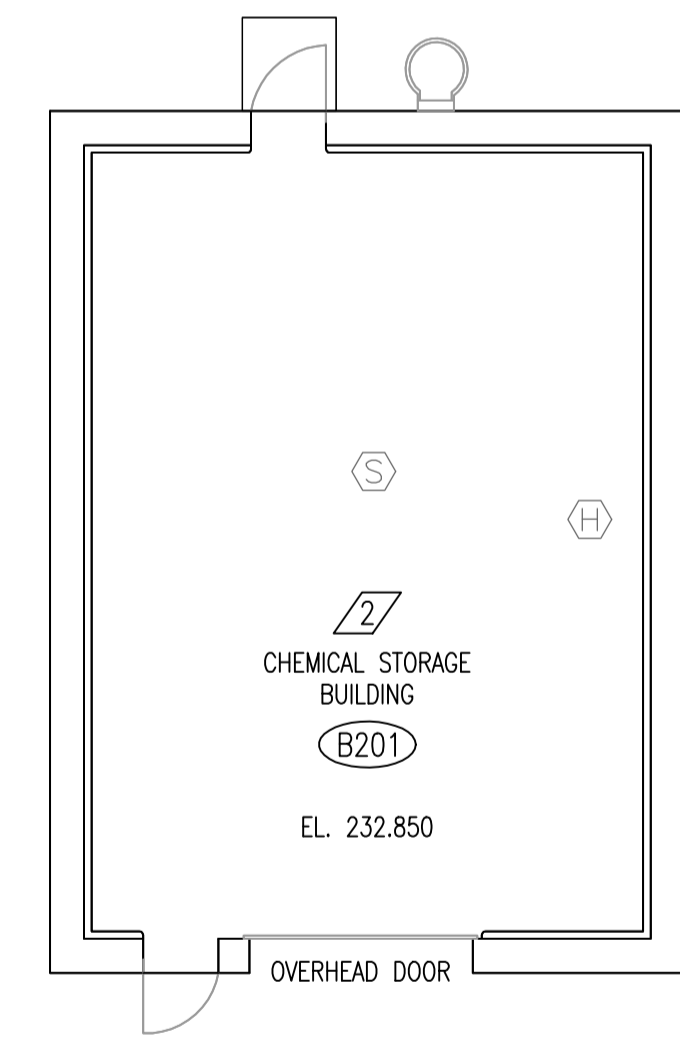
CONTINUED ON DWG. 1-0102G-E0002



BOILER BUILDING - MAIN LEVEL
SCALE 1:100



2 DOOR RELEASE SMOKE DETECTOR PLACEMENT
SCALE 1:100

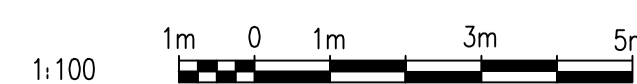


CHEMICAL STORAGE BUILDING
SCALE 1:100

ROOM DETAILS			
ROOM ID	HEIGHT	CEILING TYPE	REF DWG
B101	(<18m)	SEE DETAIL 1	-
B106	2.54m	CONCRETE (457mm DEEP BEAMS AS SHOWN)	SEP-870
B107	2.54m	CONCRETE	SEP-870
B108	2.60m	CONCRETE	-
B109	2.60m	CONCRETE	-
B110	(<18m)	SEE DETAIL 1	-
B111	5.96m	SEE DETAIL 1	SEP-891
B119	5.96m	CONCRETE	SEP-891
B120	2.42m	SUSPENDED ACOUSTIC TILE	SEP-891
B121	2.42m	SUSPENDED ACOUSTIC TILE	SEP-891
B201	4.20m	CONCRETE	SEP-926

DESIGN INTENT NOTES	
1	FAS-B111-D01 IS INTENDED TO ACTIVATE DOOR RELEASE FAS-B101-R01 IN THE EVENT OF A FIRE.
2	A FIRE ALARM SYSTEM WILL NOT BE INSTALLED IN THE CHEMICAL STORAGE BUILDING, AS IT WILL BE DEMOLISHED AS PART OF FUTURE PLANT UPGRADES.
3	AS THE DEPTH OF THE WALL SECTION ABOVE THE DOOR IS LESS < 600mm ON THE STAIRWELL SIDE OF THE DOOR, DETECTION FOR THE DOOR RELEASE IS NOT REQUIRED ON BOTH THE STAIRWELL AND WORKSHOP SIDE OF THE DOOR.

NOTES:
1. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-Bxxx-yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER.



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-0031	

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 - SERVICE BUILDING MAIN LEVEL	
CITY DRAWING NUMBER	1-0102B-E0001
SHEET	001
REV.	00
SIZE	A1

SEP-2135	SMOKE DETECTORS LOOPS B533/B542
SEP-2132	SMOKE DETECTORS LOOPS B504/B507/B508
SEP-906	LIGHTING & BUILDING SERVICES - FLOOR PLAN
1-0102B-E0006	PLAN LAYOUT - ELECTRICAL ROOM
1-0102B-E0008	PANEL SCHEDULE - SERVICE BUILDING
1-0102B-E0009	ELECTRICAL CLASSIFICATION PLAN
1-0102A-E0001	FIRE ALARM LEGEND AND DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS