

LOWER FORT GARRY
NATIONAL HISTORIC SITE
ST. ANDREWS, MB.

REHABILITATION
FROM WATER DAMAGE
LOWER FORT GARRY

Sheet List Table

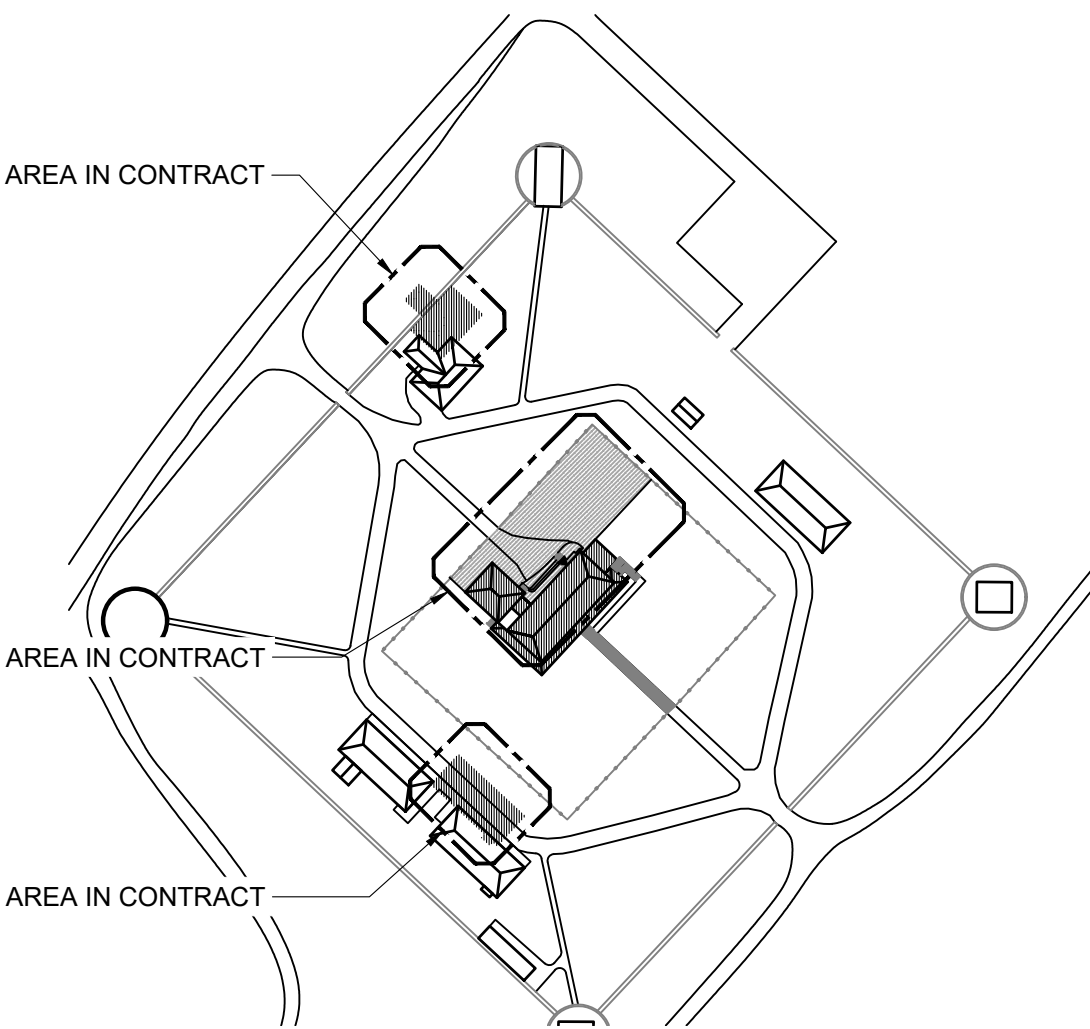
Sheet Number	Sheet Title
Demolition	
D1.1	BIG HOUSE - MECHANICAL DEMOLITION PLAN - BASEMENT FLOOR
D1.2	BIG HOUSE - MECHANICAL DEMOLITION PLAN - MAIN FLOOR
D1.3	BIG HOUSE - MECHANICAL DEMOLITION PLAN - ATTIC LEVEL
D1.4	BIG HOUSE - ELECTRICAL DEMOLITION PLAN - BASEMENT FLOOR
D1.5	BIG HOUSE - ELECTRICAL DEMOLITION PLAN - MAIN FLOOR
D1.6	BIG HOUSE - ELECTRICAL DEMOLITION PLAN - ATTIC LEVEL
D2.1	MEN'S HOUSE - MECHANICAL DEMOLITION PLAN - MAIN FLOOR
D2.2	MEN'S HOUSE - MECHANICAL DEMOLITION PLAN - ATTIC LEVEL
D2.3	MEN'S HOUSE - ELECTRICAL DEMOLITION PLAN - MAIN FLOOR
D2.4	MEN'S HOUSE - ELECTRICAL DEMOLITION PLAN - ATTIC LEVEL
D3.1	FUR LOFT - MECHANICAL DEMOLITION PLAN - BASEMENT FLOOR
D3.2	FUR LOFT - MECHANICAL DEMOLITION PLAN - MAIN FLOOR
D3.3	FUR LOFT - ELECTRICAL DEMOLITION PLAN - BASEMENT FLOOR
D3.4	FUR LOFT - ELECTRICAL DEMOLITION PLAN - MAIN FLOOR
D3.5	FUR LOFT - ELECTRICAL DEMOLITION PLAN - SECOND FLOOR
D3.6	FUR LOFT - ELECTRICAL DEMOLITION PLAN - ATTIC LEVEL

Sheet List Table

Sheet Number	Sheet Title
Mechanical	
M1.1	BIG HOUSE FIRE PROTECTION PLAN - BASEMENT FLOOR
M1.2	BIG HOUSE FIRE PROTECTION PLAN - MAIN FLOOR
M1.3	BIG HOUSE FIRE PROTECTION PLAN - ATTIC LEVEL
M1.4	BIG HOUSE FIRE PROTECTION PLAN - FIGURES
M1.5	BIG HOUSE STOVE PIPE LAYOUT
M1.6	BIG HOUSE ROOMS & STOVE INFO - FIGURES
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M3.1	FUR LOFT FIRE PROTECTION PLAN - BASEMENT FLOOR
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M3.4	FUR LOFT FIRE PROTECTION PLAN - ATTIC LEVEL
M4	PROPOSED - TYPICAL NITROGEN GENERATOR SYSTEM SCHEMATIC

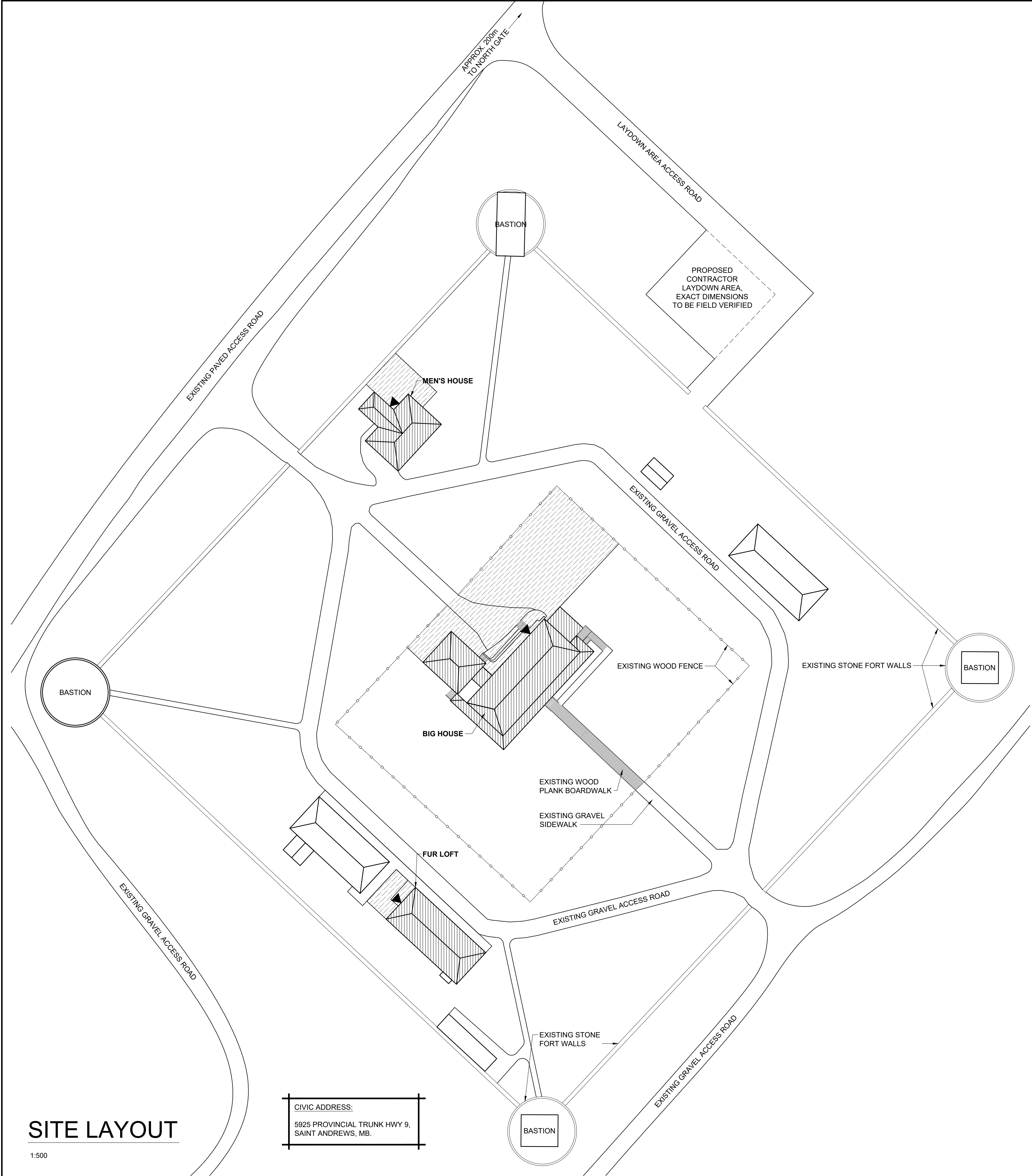
Sheet List Table

Sheet Number	Sheet Title
Electrical	
E1.1	BIG HOUSE FIRE ALARM SYSTEM PLAN - BASEMENT FLOOR
E1.2	BIG HOUSE FIRE ALARM SYSTEM PLAN - MAIN FLOOR
E1.3	BIG HOUSE FIRE ALARM SYSTEM PLAN - ATTIC LEVEL
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E2.2	MEN'S HOUSE FIRE ALARM SYSTEM PLAN - ATTIC LEVEL
E3.1	FUR LOFT FIRE ALARM SYSTEM PLAN - BASEMENT FLOOR
E3.4	FUR LOFT FIRE ALARM SYSTEM PLAN - ATTIC LEVEL
E3.5	FIRE ALARM SYSTEM SCHEMATICS
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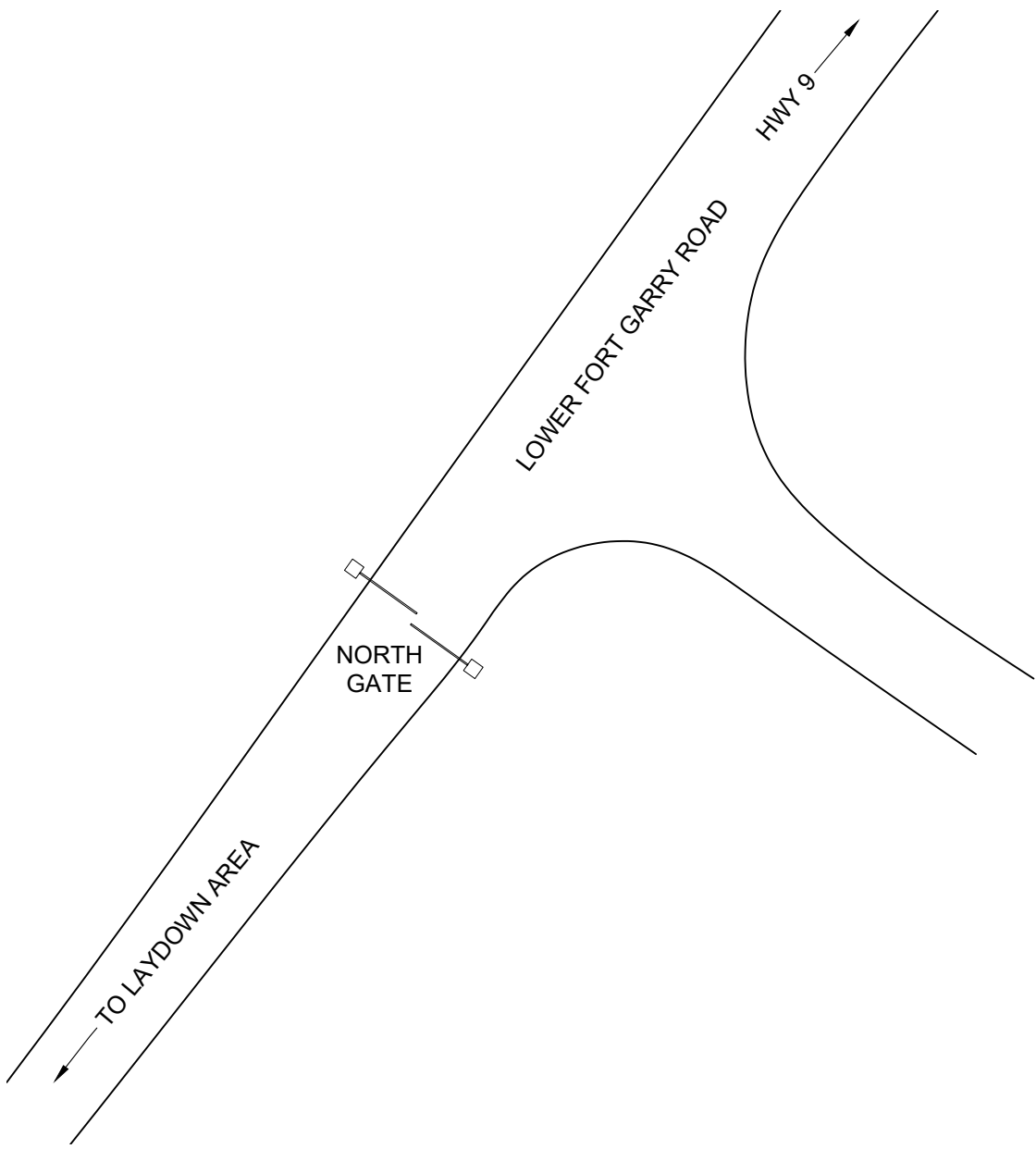


KEY PLAN

N.T.S.



LEGEND		
ITEM	SYMBOL	REMARKS
BUILDINGS IN CONTRACT		
CONSTRUCTION FENCED OFF AREA		
CONTRACTOR'S ENTRANCE		



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SEAL

5		
4		
3	TENDER READY RESUBMISSION	2022-06-29
2	TENDER READY	2022-04-11
1	ISSUED FOR 90% REVIEW RESUBMISSION	2021-12-14
0	ISSUED FOR 90% REVIEW	2021-11-08

Revision	Description	Date
Client		Client

PARKS CANADA AGENCY

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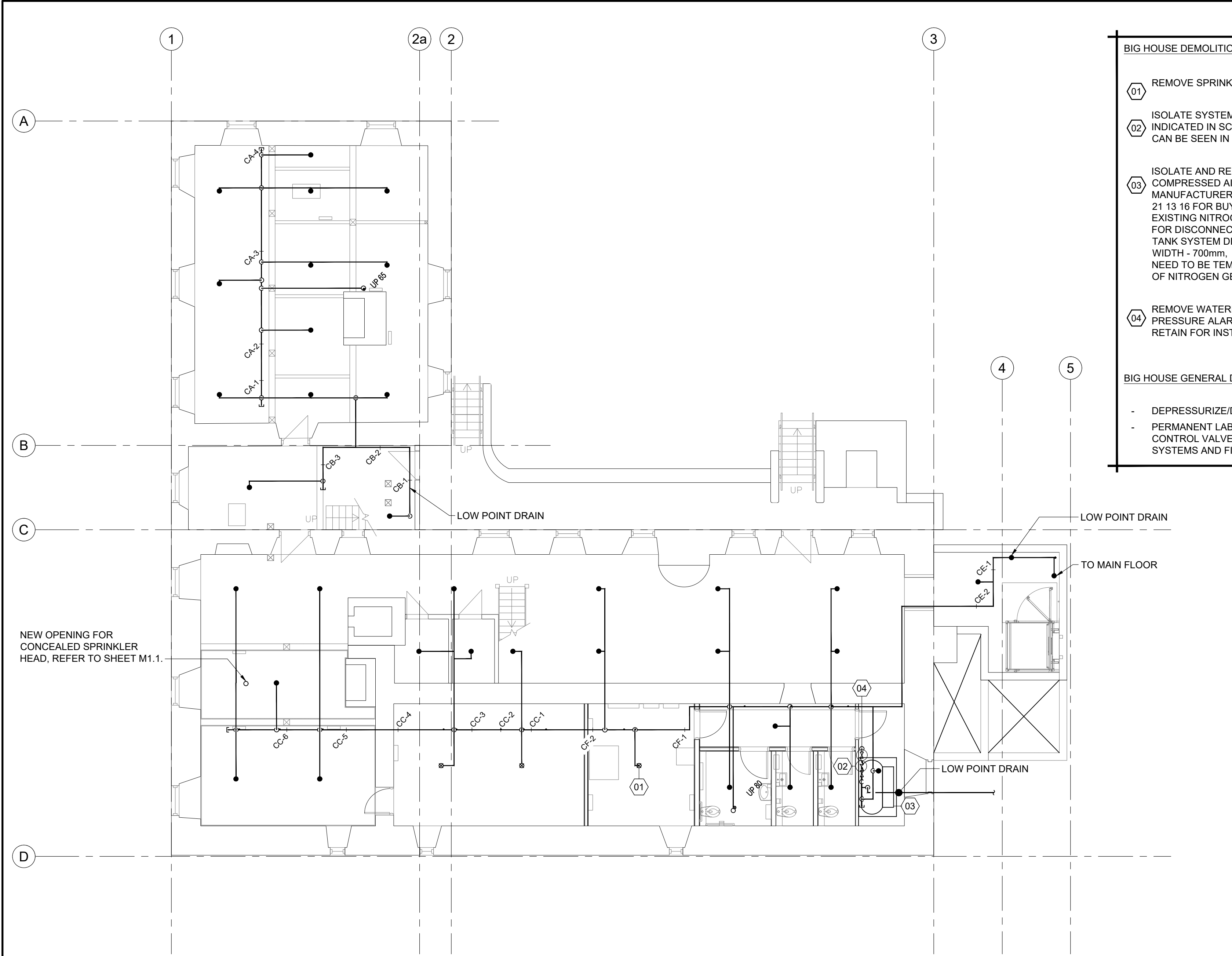
220 4 AVE SE, SUITE 720

CALGARY, AB. T2G 4X3

Project title	Project
LOWER FORT GARRY	
NATIONAL HISTORIC SITE	
ST. ANDREWS, MB.	
REHABILITATION	
FROM WATER DAMAGE	
LOWER FORT GARRY	

Designed by	Conçu par
GMF	
Drawn by	Dessiné par
JHW/RTD	
Approved by	Approuvé par
LL	
Project Manager	Administrateur de Projets
CHRISTINE LeCLERC	TPS/GC
Drawing title	Titre du dessin
SITE LAYOUT	
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Project no./No. du projet	Drawing no./No. du dessin	Revision no.
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	2 OF 42	

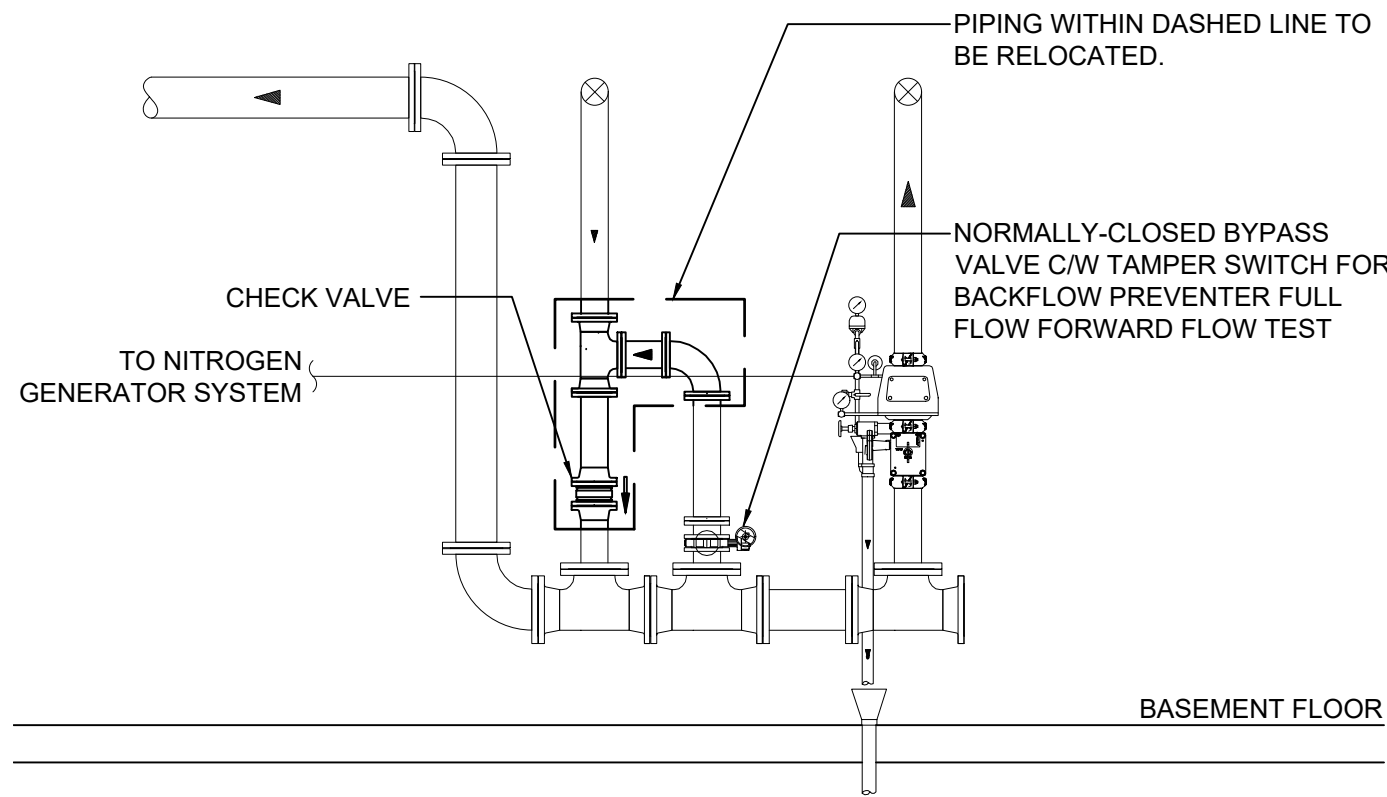


BIG HOUSE- BASEMENT FLOOR PLAN

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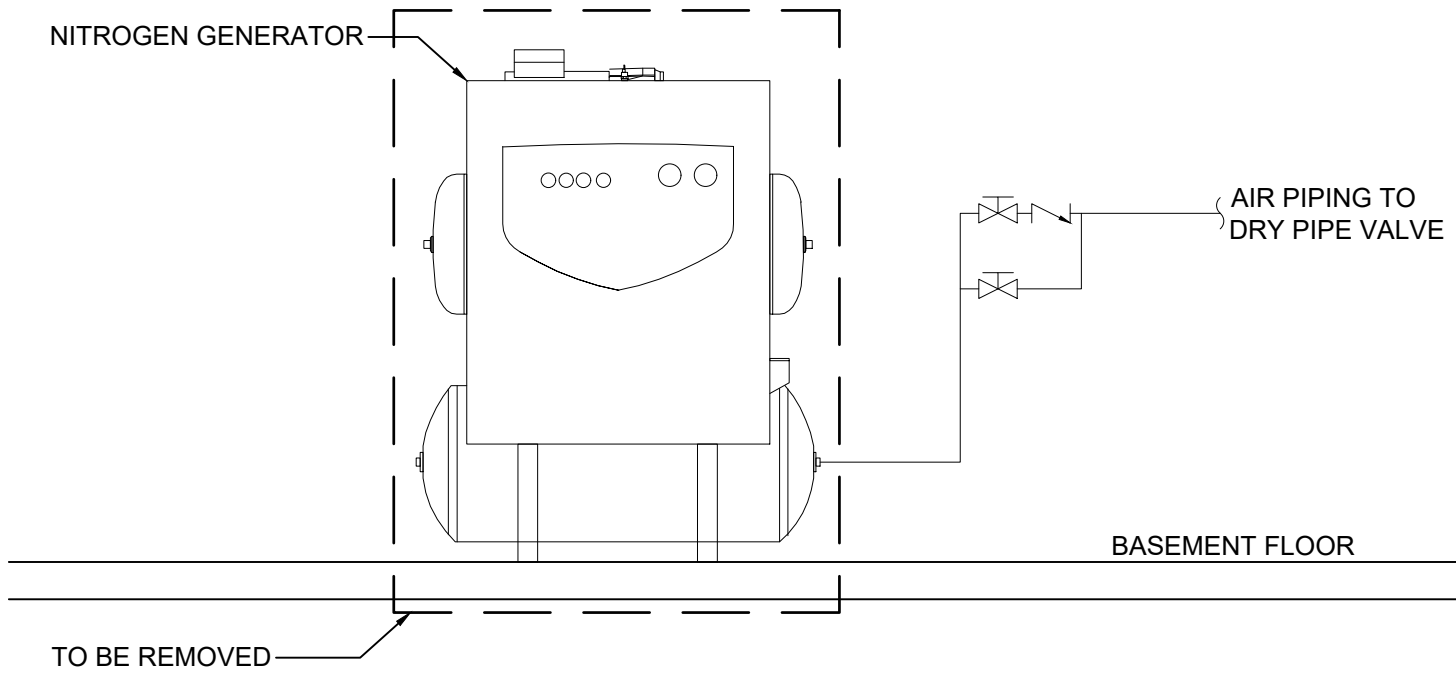
LEGEND	
ITEM	SYMBOL
EXISTING CONCEALED SPRINKLER HEAD	●
EXISTING DRY TYPE PENDANT	⊗
EXISTING SPRINKLER LINE	—
EXISTING SPRINKLER SUPPORT LOCATION	AA-#
EXISTING RISER	○

SCHEMATIC LEGEND	
ITEM	SYMBOL
FITTING - GATE VALVE	⋈
FITTING - CHECK VALVE	↗



DETAIL D1.1-A: BIG HOUSE SPRINKLER ROOM PIPING DETAIL

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DETAIL D1.1-B: NITROGEN GENERATOR DETAIL

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BIG HOUSE DEMOLITION NOTES - BASEMENT:

- 01

REMOVE SPRINKLER HEAD IN ELECTRICAL ROOM.
- 02

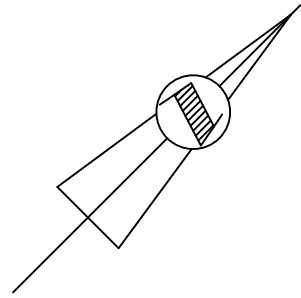
ISOLATE SYSTEM AS REQUIRED. REMOVE PIPING AND VALVE AS INDICATED IN SCHEMATIC ON DETAIL D1.1-A. EXISTING SYSTEM CAN BE SEEN IN FIGURE D1.1-1.
- 03

ISOLATE AND REMOVE EXISTING NITROGEN GENERATOR AND COMPRESSED AIR TANKS. GENERATOR TO BE RETAINED FOR MANUFACTURER BUY BACK. REFER TO SPECIFICATION SECTION 21 13 16 FOR BUY BACK DETAILS. SEE FIGURE D1.1-2 FOR EXISTING NITROGEN GENERATOR LOCATION AND DETAIL D1.1-B FOR DISCONNECT LOCATION. THE EXISTING GENERATOR AND AIR TANK SYSTEM DIMENSIONS ARE AS FOLLOWS: HEIGHT - 1353mm, WIDTH - 700mm, LENGTH - 991mm. MECHANICAL ROOM DOOR MAY NEED TO BE TEMPORARILY REMOVED TO FACILITATE REMOVAL OF NITROGEN GENERATOR.
- 04

REMOVE WATERFLOW PRESSURE ALARM SWITCH AND LOW AIR PRESSURE ALARM SWITCH AS INDICATED ON FIGURE D1.1-3. RETAIN FOR INSTALLATION.

BIG HOUSE GENERAL DEMOLITION NOTES - BASEMENT:

- DEPRESSURIZE/DRAIN SYSTEM AS NEEDED TO PERFORM WORK.
- PERMANENT LABELS ARE TO BE PROVIDED FOR ALL SPRINKLER CONTROL VALVES, LOW POINT DRAINS, INSPECTOR'S TEST SYSTEMS AND FIRE ALARM DEVICES.



SEAL

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Client		Client

PARKS CANADA AGENCY

220 4 AVE SE, SUITE 720
CALGARY, AB. T2G 4X3

Project Title	Projet
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LOWER FORT GARRY
NATIONAL HISTORIC SITE
ST. ANDREWS, MB.

REHABILITATION
FROM WATER DAMAGE
LOWER FORT GARRY

Designed by	Conçu par
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LL

Drawn by	Dessiné par
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JHW

Approved by	Approuvé par
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LL

Project Engineer / Manager	Administrateur de Projets / PSGC
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CHRISTINE LeCLERC

Drawing title	Titre du dessin
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BIG HOUSE
MECHANICAL DEMOLITION PLAN
BASEMENT FLOOR

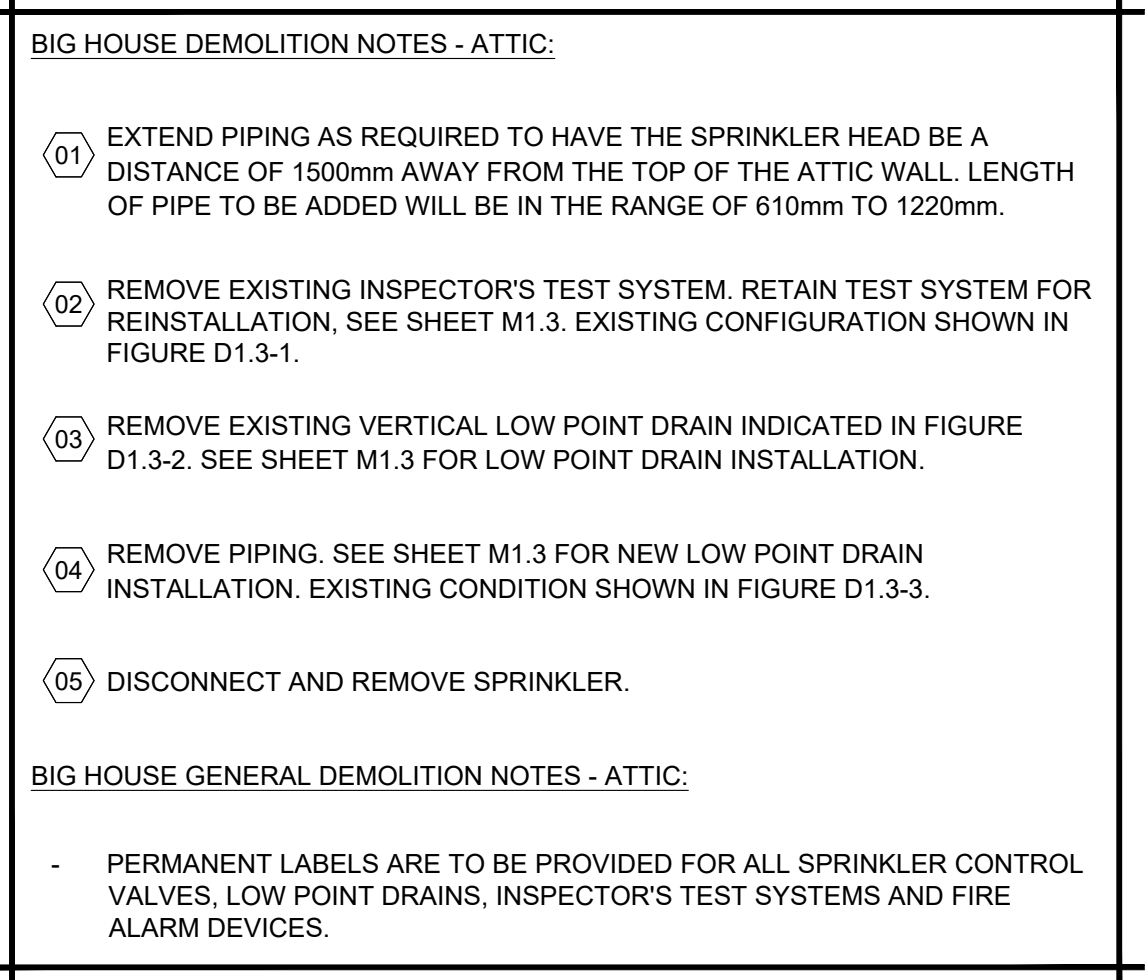
Project No./No. du projet	Drawing No./No. du dessin	Revision No.
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5P468-21-0054





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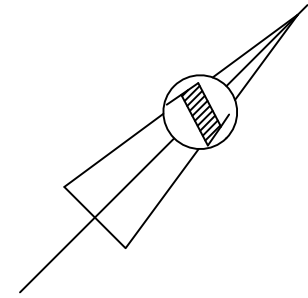
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LEGEND	
ITEM	SYMBOL
EXISTING UPRIGHT SPRINKLER HEAD	
EXISTING SIDE SPRINKLER HEAD	
EXISTING PENDANT SPRINKLER HEAD	
EXISTING DROP TO SPRINKLER HEAD IN MAIN FLOOR	
EXISTING SPRINKLER LINE	
EXISTING SPRINKLER SUPPORT LOCATION	AS-#

-NOTE:
THIS EXISTING CONFIGURATION
IS SHOWN IN FIGURE D1.3-4.

SEAL

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Revision	Description	Date

Client _____ client

PARKS CANADA AGENCY

**220 4 AVE SE, SUITE 720
CALGARY, AB. T2G 4X3**

Project title	Project
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**LOWER FORT GARRY
NATIONAL HISTORIC SITE
ST. ANDREWS, MB.**

REHABILITATION FROM WATER DAMAGE LOWER FORT GARRY

Designed by	Conçu par
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LL

Drawn by	Dessiné par
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JHW

Approved by	Approuvé par
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LL

PWGSC Project Manager Administrateur de Projets TPSGC

CHRISTINE LeCLERC

Demographic Data	Title of the document
Age	Age
Gender	Gender
Ethnicity	Ethnicity
Religion	Religion
Marital Status	Marital Status
Education	Education
Income	Income
Occupation	Occupation
Health Status	Health Status
Family Size	Family Size
Home Ownership	Home Ownership
Travel History	Travel History
Employment History	Employment History
Legal History	Legal History
Financial History	Financial History
Medical History	Medical History
Psychological History	Psychological History
Substance Use History	Substance Use History
Sexual History	Sexual History
Parenting History	Parenting History
Volunteer History	Volunteer History
Political History	Political History
Religious History	Religious History
Academic History	Academic History
Professional History	Professional History
Personal History	Personal History
Family History	Family History
Community History	Community History
Neighborhood History	Neighborhood History
City History	City History
Country History	Country History
World History	World History
Human History	Human History
Life History	Life History
Death History	Death History
Afterlife History	Afterlife History
Reincarnation History	Reincarnation History
Transmigration History	Transmigration History
Metempsychosis History	Metempsychosis History
Rebirth History	Rebirth History
Resurrection History	Resurrection History
Immortality History	Immortality History
Longevity History	Longevity History
Healthspan History	Healthspan History
Lifespan History	Lifespan History
Life Expectancy History	Life Expectancy History
Life Quality History	Life Quality History
Life Satisfaction History	Life Satisfaction History
Life Purpose History	Life Purpose History
Life Meaning History	Life Meaning History
Life Value History	Life Value History
Life Impact History	Life Impact History
Life Legacy History	Life Legacy History
Life Contribution History	Life Contribution History
Life Service History	Life Service History
Life Duty History	Life Duty History
Life Responsibility History	Life Responsibility History
Life Obligation History	Life Obligation History
Life Commitment History	Life Commitment History
Life Dedication History	Life Dedication History
Life Devotion History	Life Devotion History
Life Faith History	Life Faith History
Life Hope History	Life Hope History
Life Love History	Life Love History
Life Compassion History	Life Compassion History
Life Kindness History	Life Kindness History
Life Generosity History	Life Generosity History
Life Gratitude History	Life Gratitude History
Life Forgiveness History	Life Forgiveness History
Life Patience History	Life Patience History
Life Humility History	Life Humility History
Life Modesty History	Life Modesty History
Life Simplicity History	Life Simplicity History
Life Frugality History	Life Frugality History
Life Economy History	Life Economy History
Life Prudence History	Life Prudence History
Life Wisdom History	Life Wisdom History
Life Knowledge History	Life Knowledge History
Life Understanding History	Life Understanding History
Life Insight History	Life Insight History
Life Awareness History	Life Awareness History
Life Consciousness History	Life Consciousness History
Life Mindfulness History	Life Mindfulness History
Life Presence History	Life Presence History
Life Attention History	Life Attention History
Life Focus History	Life Focus History
Life Concentration History	Life Concentration History
Life Determination History	Life Determination History
Life Persistence History	Life Persistence History
Life Perseverance History	Life Perseverance History
Life Endurance History	Life Endurance History
Life Resilience History	Life Resilience History
Life Strength History	Life Strength History
Life Power History	Life Power History
Life Influence History	Life Influence History
Life Impact History	Life Impact History
Life Legacy History	Life Legacy History
Life Contribution History	Life Contribution History
Life Service History	Life Service History
Life Duty History	Life Duty History
Life Responsibility History	Life Responsibility History
Life Obligation History	Life Obligation History
Life Commitment History	Life Commitment History
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Life Devotion History	Life Devotion History
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Life Generosity History	Life Generosity History
Life Gratitude History	Life Gratitude History
Life Forgiveness History	Life Forgiveness History
Life Patience History	Life Patience History
Life Humility History	Life Humility History

BIG HOUSE

MECHANICAL DEMOLITION PLAN

MECHANICAL DEMONSTRATION PLAN

ATTIC LEVEL

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Project no /No. du projet	Drawing no /No. du dessin	Revision no
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Year	Number of cases	Number of deaths
1990	100	10
1991	120	12
1992	150	15
1993	180	18
1994	200	20
1995	220	22
1996	250	25
1997	280	28
1998	300	30
1999	320	32
2000	350	35
2001	380	38
2002	400	40
2003	420	42
2004	450	45
2005	480	48
2006	500	50
2007	520	52
2008	550	55
2009	580	58
2010	600	60
2011	620	62
2012	650	65
2013	680	68
2014	700	70
2015	720	72
2016	750	75
2017	780	78
2018	800	80
2019	820	82
2020	850	85
2021	880	88
2022	900	90
2023	920	92
2024	950	95
2025	980	98
2026	1000	100
2027	1020	102
2028	1050	105
2029	1080	108
2030	1100	110
2031	1120	112
2032	1150	115
2033	1180	118
2034	1200	120
2035	1220	122
2036	1250	125
2037	1280	128
2038	1300	130
2039	1320	132
2040	1350	135
2041	1380	138
2042	1400	140
2043	1420	142
2044	1450	145
2045	1480	148
2046	1500	150
2047	1520	152
2048	1550	155
2049	1580	158
2050	1600	160
2051	1620	162
2052	1650	165
2053	1680	168
2054	1700	170
2055	1720	172
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2057	1780	178
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2059	1820	182
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2061	1880	188
2062	1900	190
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2065	1980	198
2066	2000	200
2067	2020	202
2068	2050	205
2069	2080	208
2070	2100	210
2071	2120	212
2072	2150	215
2073	2180	218
2074	2200	220
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2076	2250	225
2077	2280	228
2078	2300	230
2079	2320	232
2080	2350	235
2081	2380	238
2082	2400	240
2083	2420	242
2084	2450	245
2085	2480	248
2086	2500	250
2087	2520	252
2088	2550	255
2089	2580	258
2090	2600	260
2091	2620	262
2092	2650	265
2093	2680	268
2094	2700	270
2095	2720	272
2096	2750	275
2097	2780	278
2098	2800	280
2099	2820	282
2100	2850	285

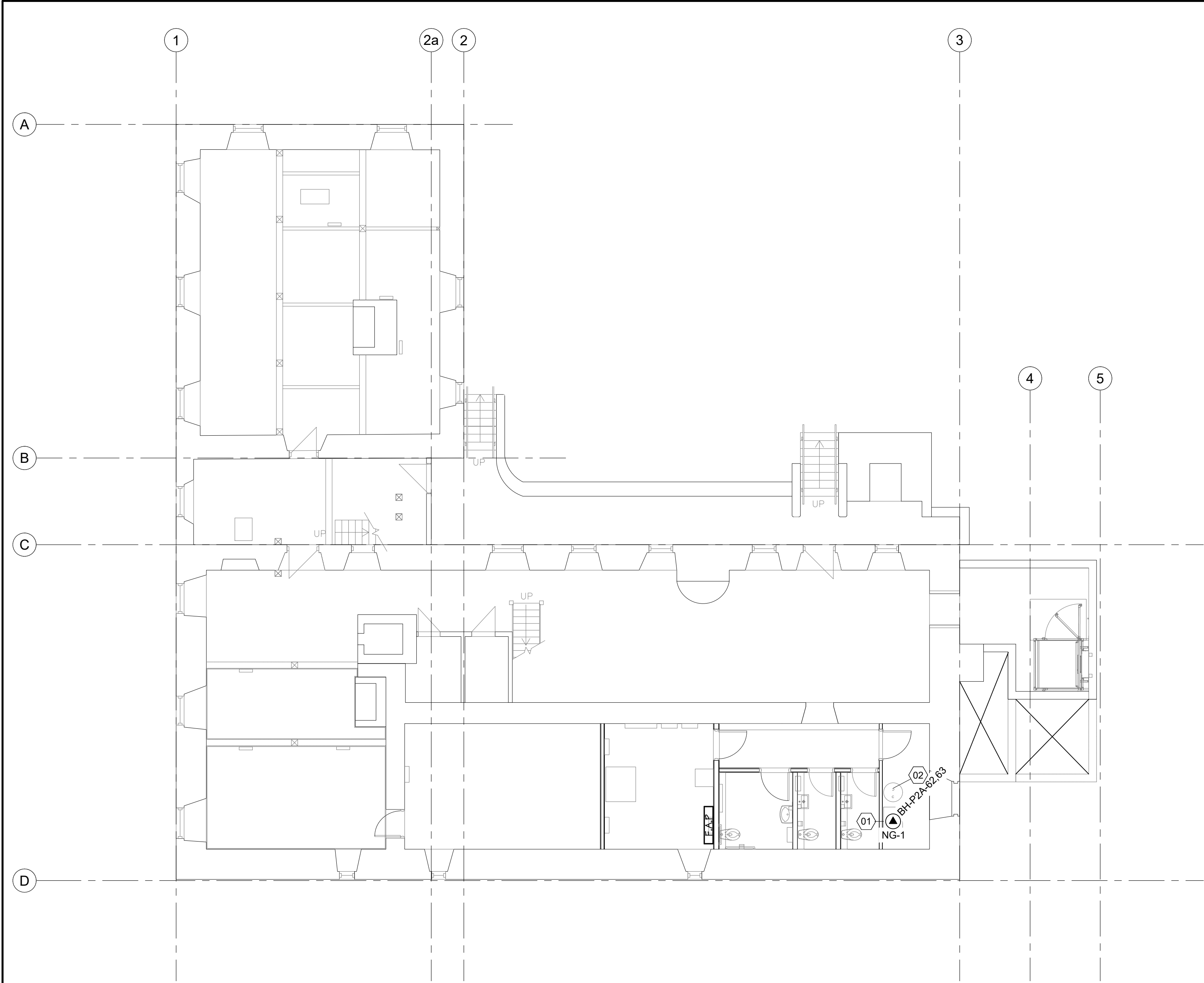
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BIG HOUSE- BASEMENT FLOOR PLAN

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FIRE ALARM LEGEND		
ITEM	SYMBOL	REMARKS
FIRE ALARM CONTROL PANEL		EXISTING TO REMAIN

EQUIPMENT		
ITEM	SYMBOL	REMARKS
EQUIPMENT CONNECTION		
NITROGEN GENERATOR	NG-#	EXISTING TO BE REPLACED

BIG HOUSE DEMOLITION NOTES - BASEMENT:		
01	DISCONNECT EXISTING NITROGEN GENERATOR FROM ELECTRICAL POWER SUPPLY. REFER TO MECHANICAL DRAWINGS FOR INSTRUCTIONS ON PROCEDURE OF EQUIPMENT REMOVAL. SEE FIGURE D1.4-1.	
02	DISCONNECT WATERFLOW PRESSURE ALARM SWITCH & LOW AIR PRESSURE ALARM SWITCH FROM ELECTRICAL POWER SUPPLY. REFER TO MECHANICAL DRAWINGS FOR INSTRUCTIONS ON PROCEDURE OF EQUIPMENT REMOVAL. SEE FIGURE D1.4-2.	

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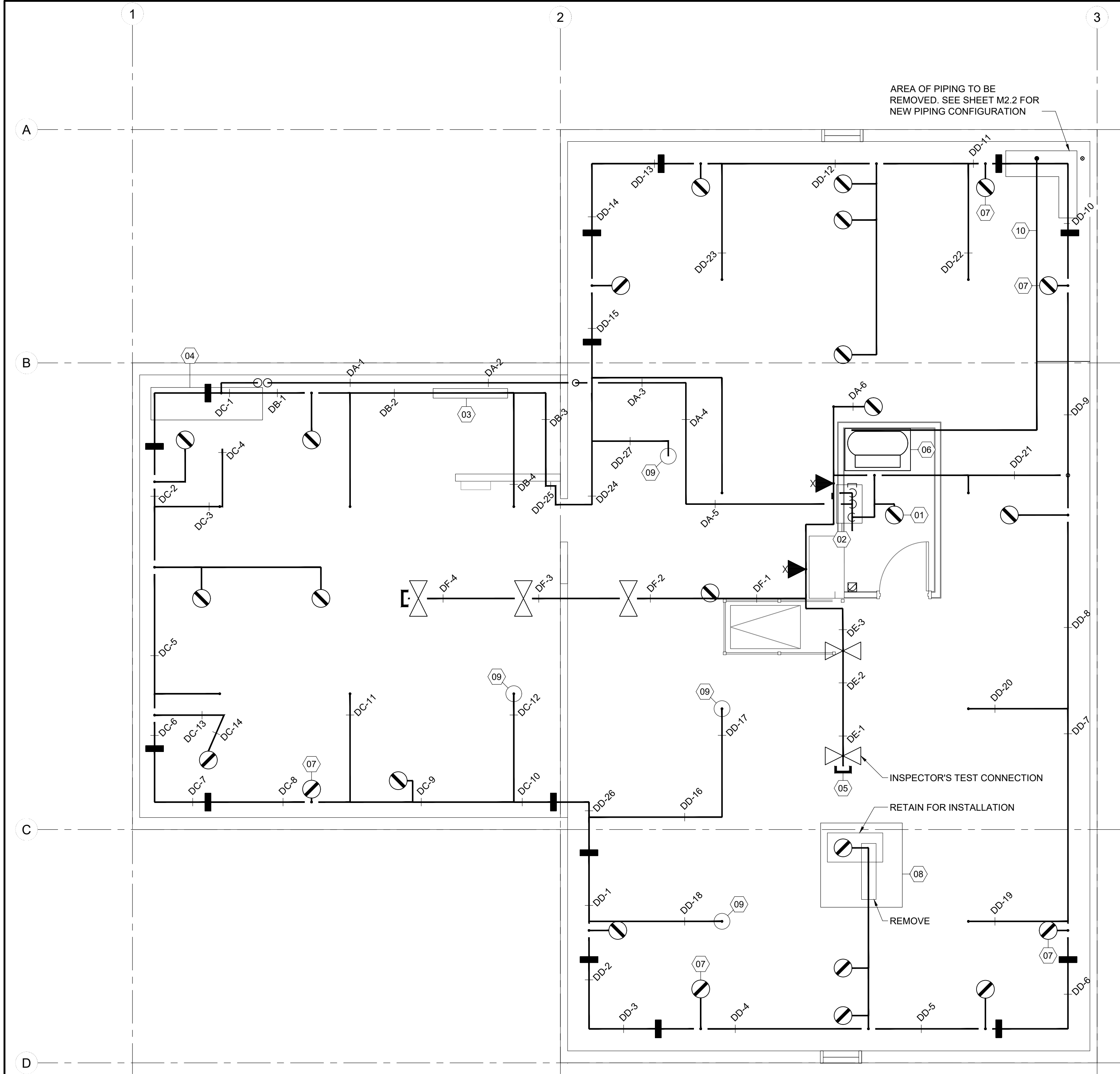
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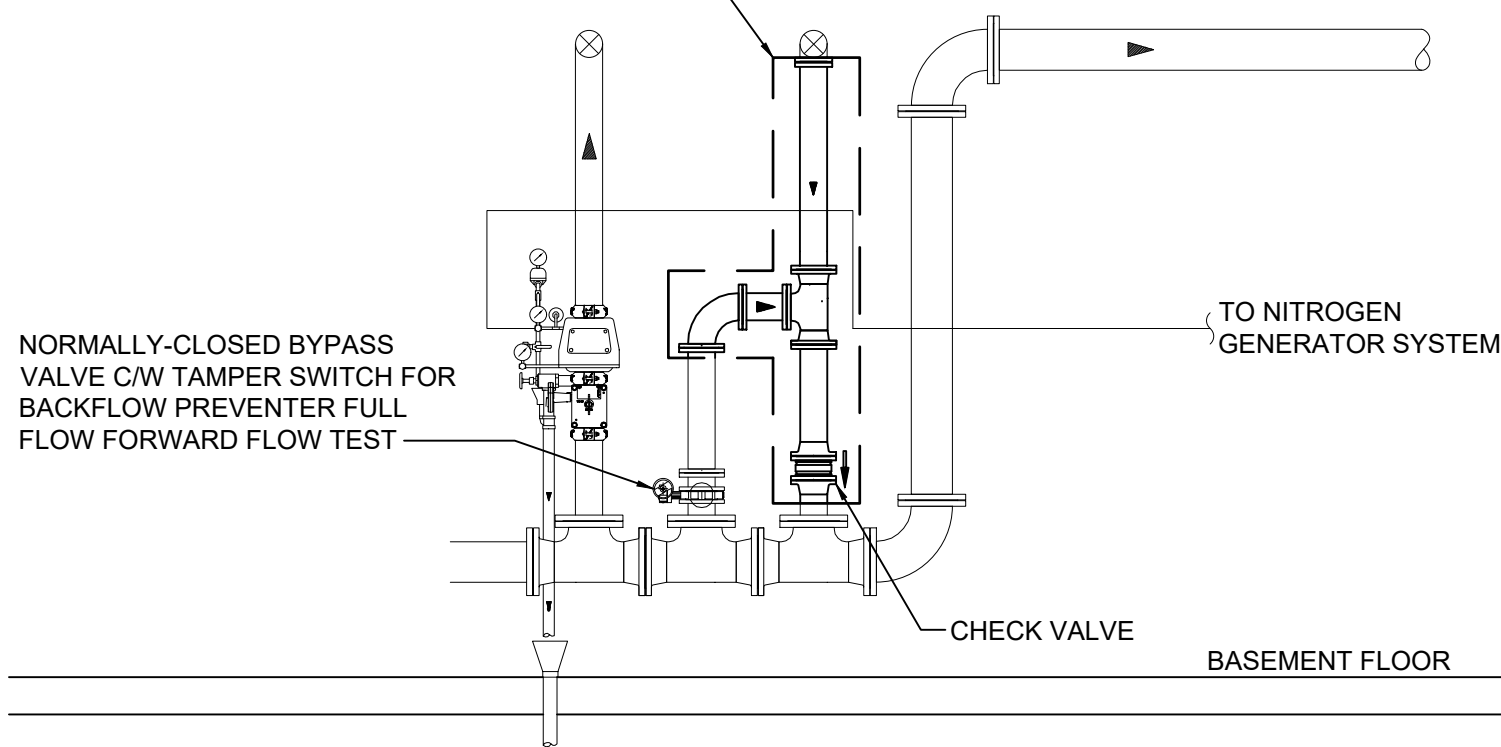
Project title	Projet	
LOWER FORT GARRY NATIONAL HISTORIC SITE ST. ANDREWS, MB.		
REHABILITATION FROM WATER DAMAGE LOWER FORT GARRY		
Designed by	Conçu par	
KAS		
Drawn by	Dessiné par	
RTD		
Approved by	Approuvé par	
LL		
Project Manager	Administrateur de Projets (PSG)	
CHRISTINE LeCLERC		
Drawing title	Titre du dessin	
BIG HOUSE ELECTRICAL DEMOLITION PLAN BASEMENT FLOOR		
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Project No./No. du projet	Project No./No. du dessin	Revision No.
5P468-21-0054	D1.4 6 OF 42	R00



MEN'S HOUSE- ATTIC LEVEL

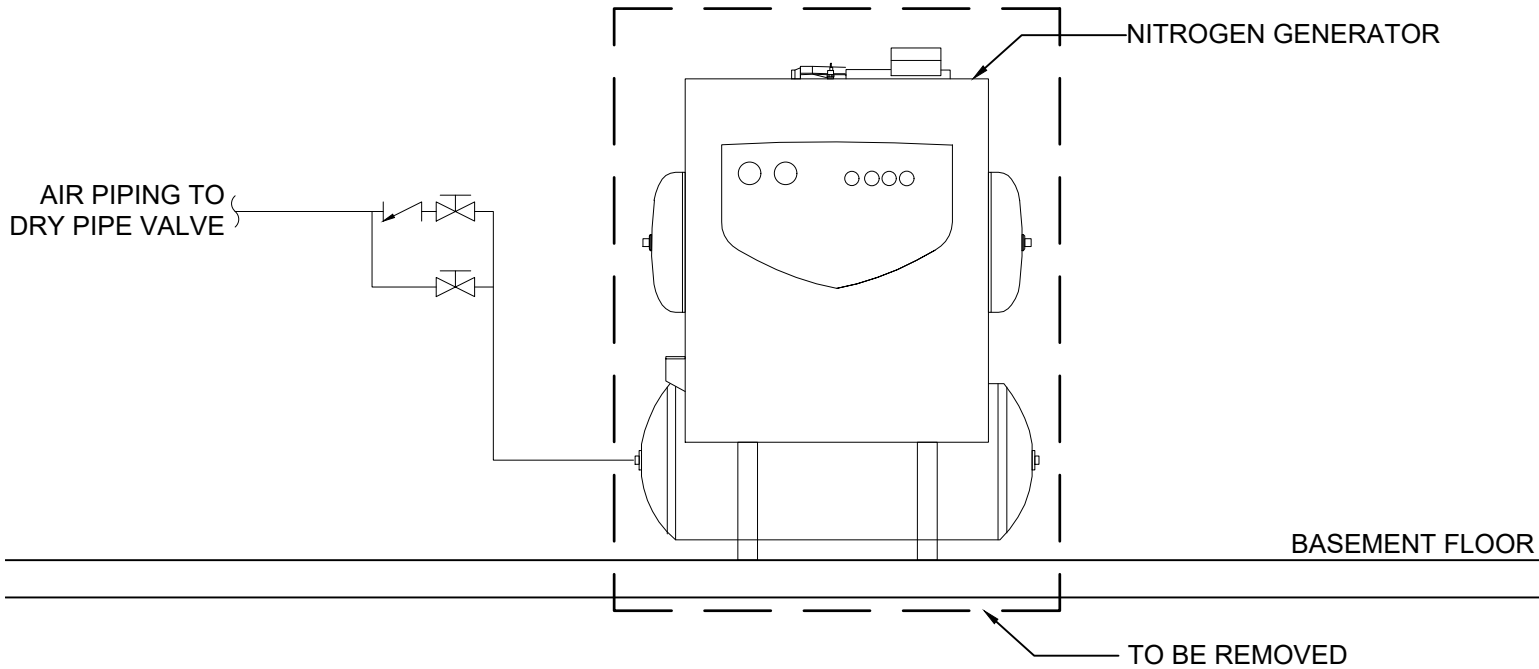
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PIPING WITHIN DASHED LINE TO BE REMOVED.
RETAIN PARTS FOR RE-INSTALLATION.



DETAIL D2.2-A: MEN'S HOUSE SPRINKLER ROOM PIPING DETAIL

1:100



DETAIL D2.2-B NITROGEN GENERATOR DETAIL

1:100

MEN'S HOUSE DEMOLITION NOTES - ATTIC:

- 01 REMOVE EXISTING UPRIGHT ATTIC SPRINKLER HEAD.
- 02 ISOLATE SYSTEM AS REQUIRED. REMOVE PIPING AND VALVES AS INDICATED IN DETAIL D2.2.A. RETAIN VALVES FOR REINSTALLATION. EXISTING SYSTEM CAN BE SEEN IN FIGURE D2.2-1.
- 03 REMOVE SECTION OF BRANCH FOR INSTALLATION OF A PIPE TEE. PIPE TO BE REMOVED IS SHOWN IN FIGURE D2.2-2.
- 04 REMOVE PIPING, REMOVE ALL HANGERS ASSOCIATED WITH THE PIPING. RETAIN HANGERS FOR REINSTALLATION.
- 05 REMOVE THE EXISTING INSPECTOR'S TEST CONNECTION, THIS IS TO BE RELOCATED. EXISTING INSPECTOR'S TEST CONNECTION IS SHOWN IN FIGURE D2.2-3. CAP OFF CONNECTION.
- 06 ISOLATE AND REMOVE EXISTING NITROGEN GENERATOR AND COMPRESSED AIR TANKS. SEE DETAIL D2.2-B FOR DISCONNECTION LOCATION. GENERATOR TO BE RETAINED FOR MANUFACTURER BUY BACK. REFER TO SPECIFICATION SECTION 21 13 16 FOR BUY BACK DETAILS.
- 07 REMOVE SPRINKLER PIPING AS REQUIRED TO HAVE THE SPRINKLER HEAD 1500mm AWAY FROM ATTIC WALL.
- 08 REMOVE PIPING, SPRINKLER BRANCH TO BE RETAINED FOR REINSTALLATION.
- 09 DISCONNECT AND REMOVE SPRINKLER.
- 10 REMOVE ALL PIPING INSULATION ON INCOMING WATER MAIN. REMOVE EXISTING HEAT TRACE ON PIPING. REMOVE HEAT TRACE CONTROL IN SPRINKLER ROOM. COORDINATE WITH ELECTRICAL.

MEN'S HOUSE GENERAL DEMOLITION NOTES - ATTIC:

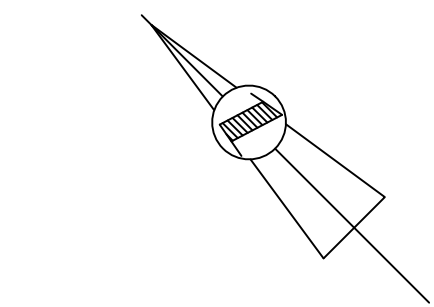
- DEPRESSURIZE/DRAIN SYSTEM AS NEEDED TO PERFORM WORK.
- PERMANENT LABELS ARE TO BE PROVIDED FOR ALL SPRINKLER CONTROL VALVES, LOW POINT DRAINS, INSPECTOR'S TEST SYSTEMS AND FIRE ALARM DEVICES.

LEGEND

ITEM	SYMBOL
EXISTING SPRINKLER HEAD	
EXISTING SIDE SPRINKLER HEAD	
EXISTING SIDE SPRINKLER HEAD	
EXISTING SPRINKLER LINE	
EXISTING SPRINKLER SUPPORT LOCATION	AA-#

SCHEMATIC LEGEND

ITEM	SYMBOL
FITTING - GATE VALVE	
FITTING - CHECK VALVE	



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0	ISSUED FOR 90% REVIEW	2021-11-08

Revision Description Date

Client Client

PARKS CANADA AGENCY

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CALGARY, AB. T2G 4X3

Project title Projet

LOWER FORT GARRY
NATIONAL HISTORIC SITE
ST. ANDREWS, MB.

REHABILITATION FROM WATER DAMAGE LOWER FORT GARRY

Designed by Conçu par

LL

Drawn by Dessiné par

JHW

Approved by Approuvé par

LL

Project Manager Administrateur de Projets IPSGC

CHRISTINE LeCLERC

Drawing title Titre du dessin

MEN'S HOUSE MECHANICAL DEMOLITION PLAN ATTIC LEVEL

Project no./No. du projet

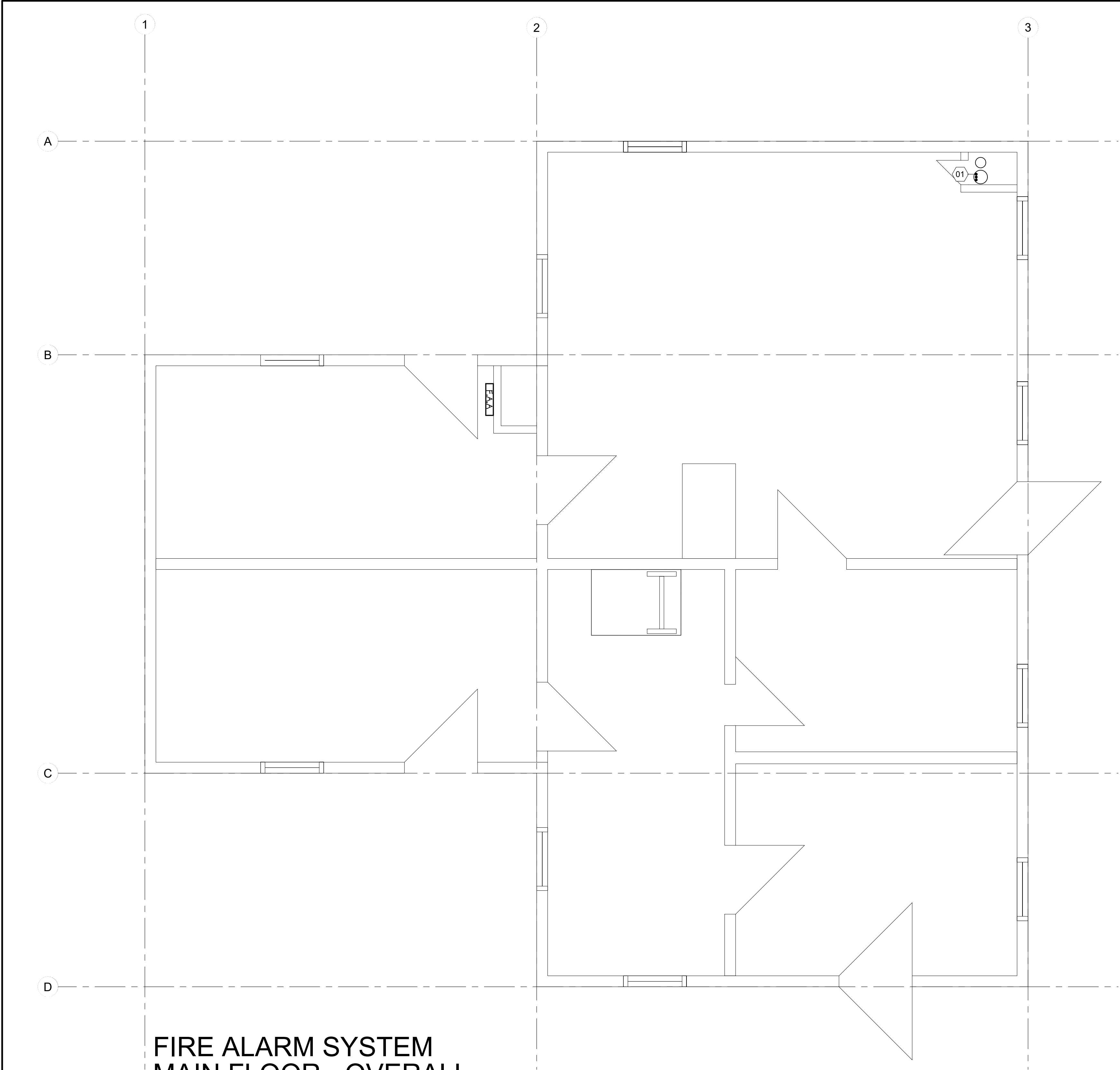
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D2.2

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Revision no./No. de la révision

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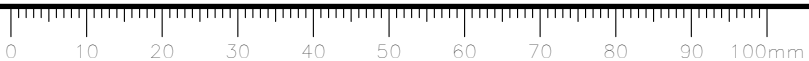
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FIRE ALARM LEGEND		
ITEM	SYMBOL	REMARKS
ANNUNCIATOR PANEL		EXISTING TO REMAIN

EQUIPMENT		
ITEM	SYMBOL	REMARKS
EQUIPMENT CONNECTION		
HEAT TRACE	HT-#	EXISTING TO BE REPLACED

MEN'S HOUSE DEMOLITION NOTES - MAIN FLOOR:

- 01
- REMOVE 3 EXISTING HEAT TRACE LINES FROM CRAWLSPACE TO SPRINKLER ROOM IN ATTIC. ACCESS TO HEAT TRACE ON MAIN FLOOR THRU CHASE HATCH. SEE FIGURE D2.3-1



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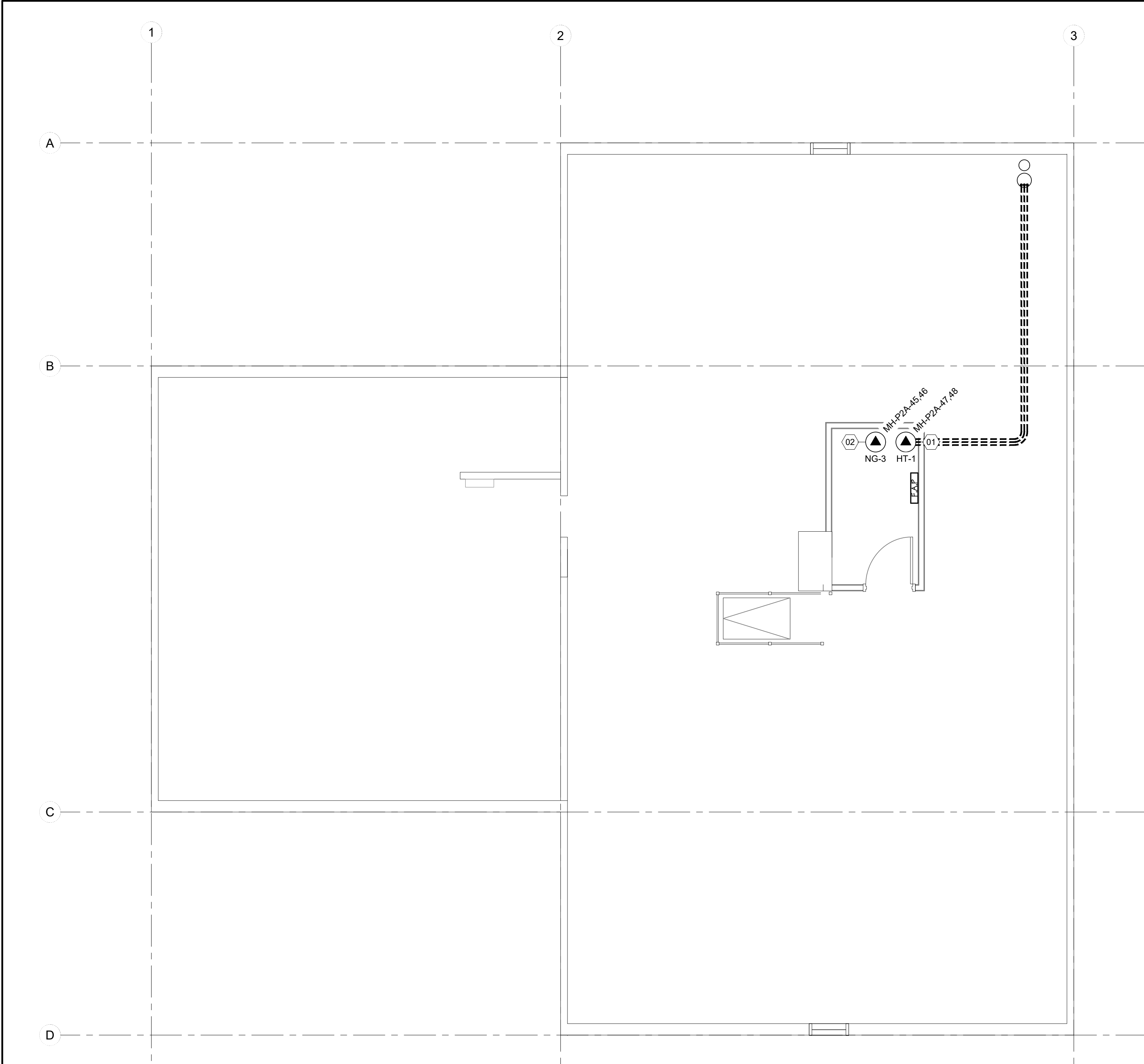
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LOWER FORT GARRY NATIONAL HISTORIC SITE ST. ANDREWS, MB.	
REHABILITATION FROM WATER DAMAGE LOWER FORT GARRY	

Designed by	Conçu par
KAS	
Drawn by	Dessiné par
RTD	
Approved by	Approuvé par
LL	
Project Manager	Administrateur de Projets (PSGL)
CHRISTINE LeCLERC	

Drawing title	Titre du dessin
MEN'S HOUSE ELECTRICAL DEMOLITION PLAN MAIN FLOOR	
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5P468-21-0054	D2.3 9 OF 42	R00



MEN'S HOUSE- ATTIC LEVEL

1:50

FIRE ALARM LEGEND		
ITEM	SYMBOL	REMARKS
FIRE ALARM CONTROL PANEL		EXISTING TO REMAIN

EQUIPMENT		
ITEM	SYMBOL	REMARKS
EQUIPMENT CONNECTION		
HEAT TRACE LINE		EXISTING TO BE REPLACED
NITROGEN GENERATOR	NG-#	EXISTING TO BE REPLACED
HEAT TRACE	HT-#	EXISTING TO BE REPLACED

MEN'S HOUSE DEMOLITION NOTES - ATTIC LEVEL:

01

REMOVE EXISTING HEAT TRACE FROM CRAWLSPACE TO SPRINKLER ROOM IN ATTIC. SEE FIGURE D2.4-1.

02

DISCONNECT EXISTING NITROGEN GENERATOR FROM ELECTRICAL POWER SUPPLY. REFER TO MECHANICAL DRAWINGS FOR INSTRUCTIONS ON PROCEDURE OF EQUIPMENT REMOVAL. SEE FIGURE D2.4-2.

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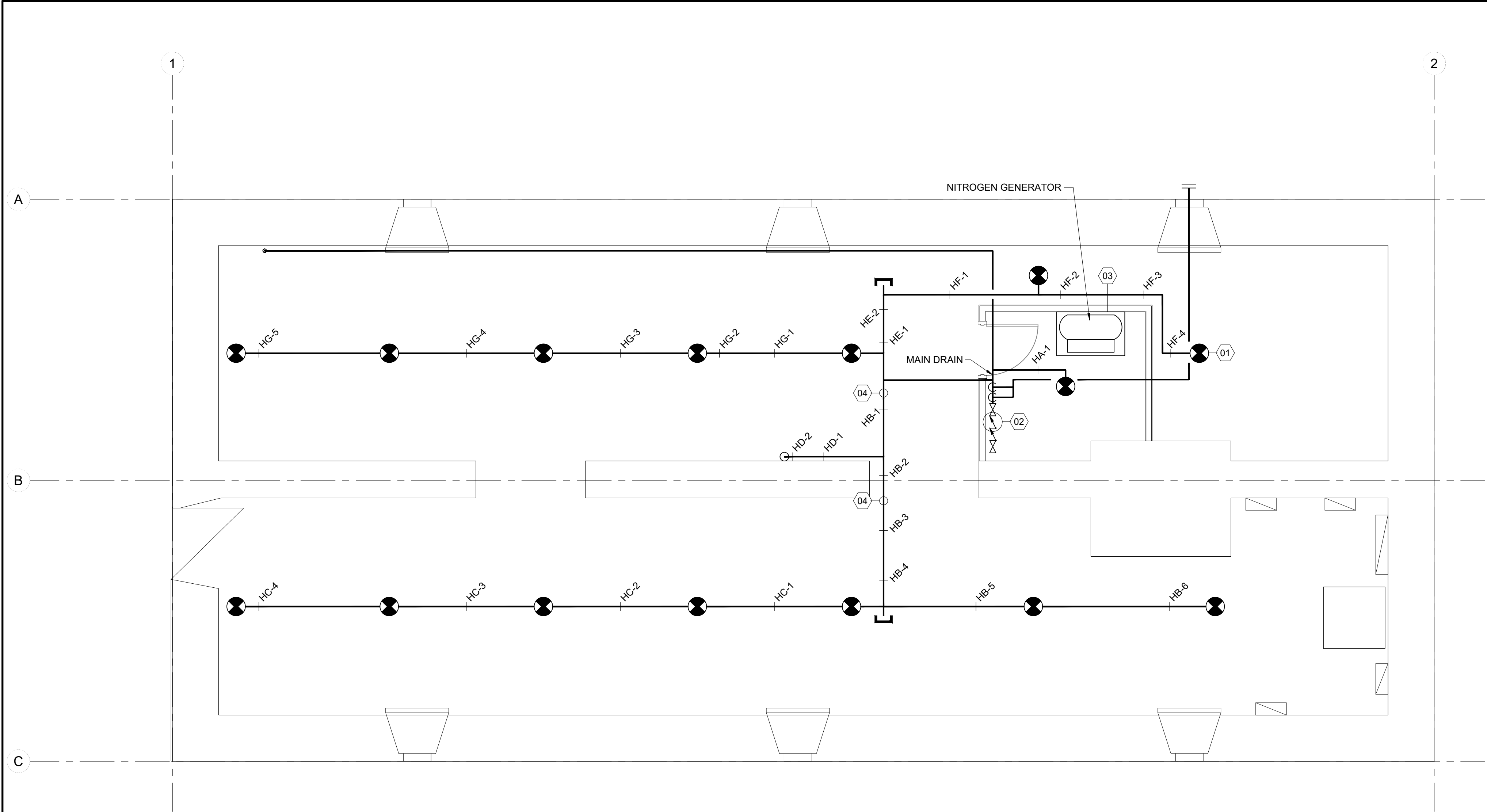
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LOWER FORT GARRY				
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Approved by	Approuvé par			
LL				
Project Engineer / Manager	Administrateur de Projets / P.S.G.U.			
CHRISTINE LeCLERC				
Drawing title	Titre du dessin			
MEN'S HOUSE				
ELECTRICAL DEMOLITION PLAN				
ATTIC LEVEL				
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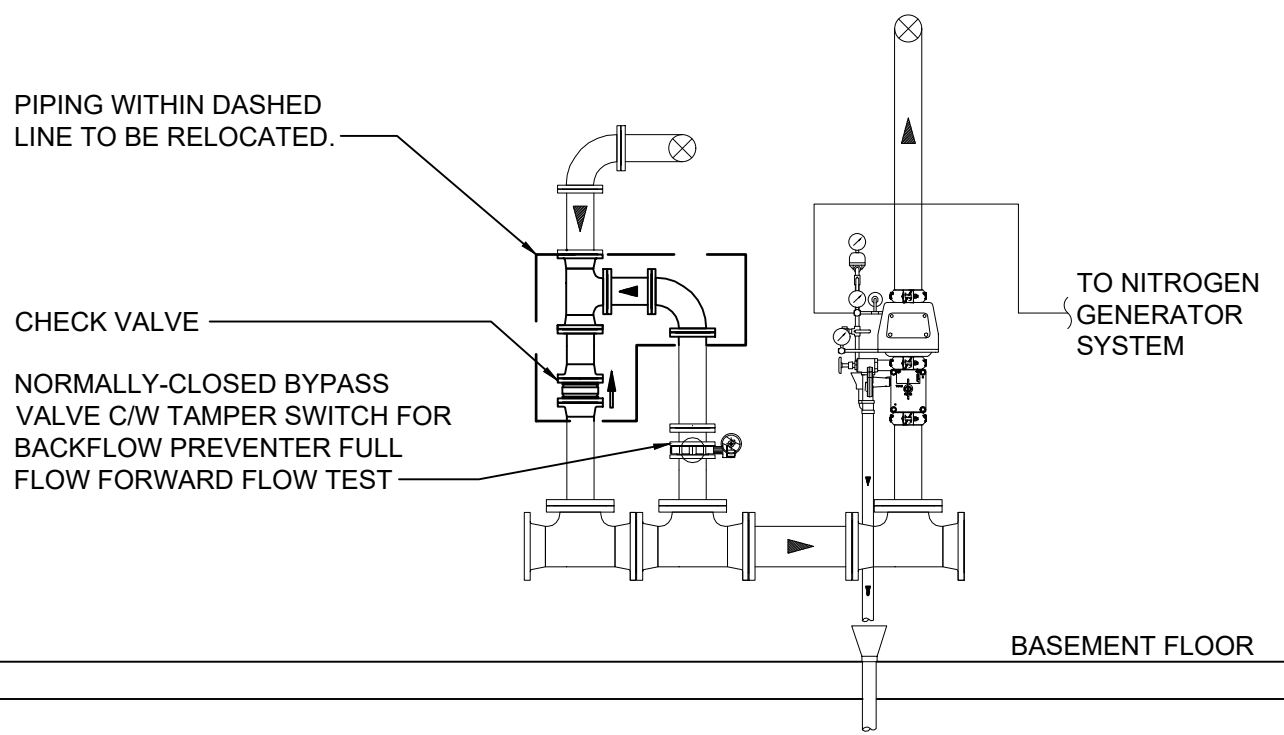


FUR LOFT- BASEMENT FLOOR

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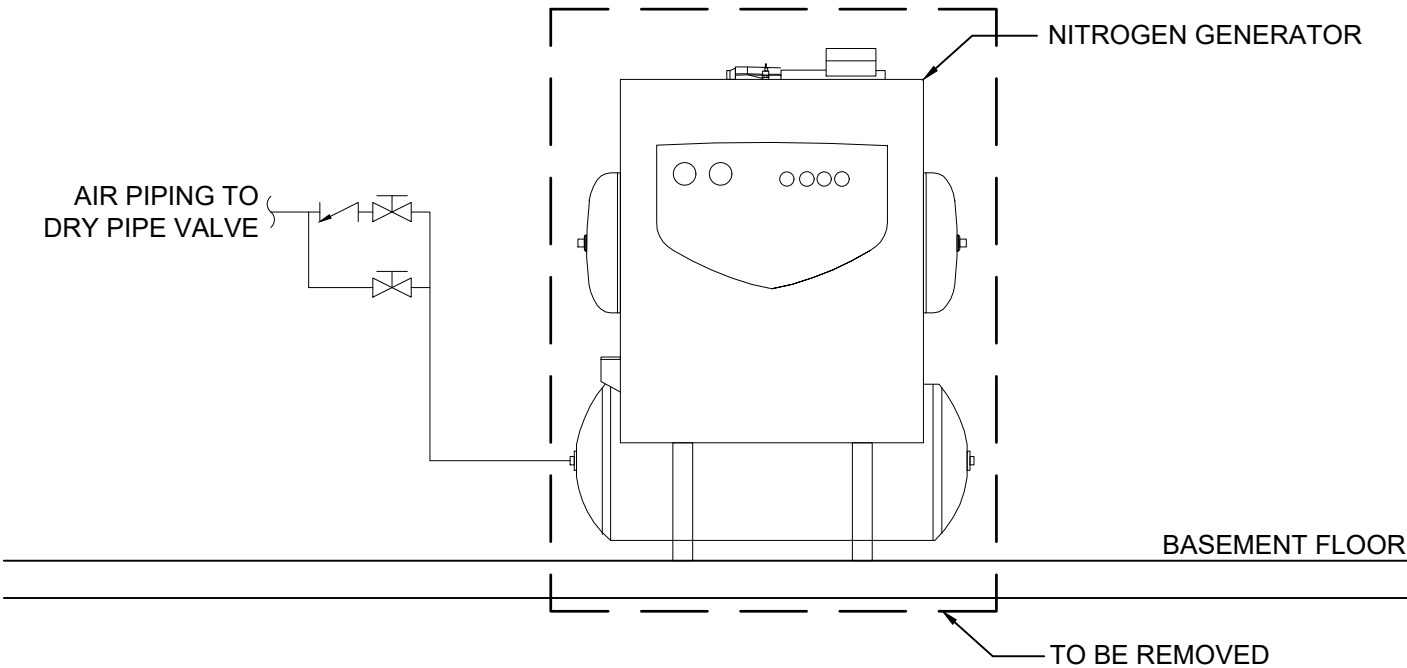
LEGEND	
ITEM	SYMBOL
EXISTING SPRINKLER HEAD	
EXISTING SPRINKLER LINE	
EXISTING SPRINKLER SUPPORT LOCATION	AA-#

SCHEMATIC LEGEND	
ITEM	SYMBOL
FITTING - GATE VALVE	
FITTING - CHECK VALVE	



DETAIL D3.1-A: FUR LOFT
SPRINKLER ROOM PIPING DETAIL

1:100



DETAIL D3.1-B: NITROGEN GENERATOR DETAIL

1:100

FUR LOFT DEMOLITION NOTES - BASEMENT:

- 01 REMOVE SPRINKLER HEAD.
- 02 ISOLATE SYSTEM AS REQUIRED. REMOVE PIPING AND VALVES AS INDICATED IN FIGURE D3.1-1 AND DETAIL D3.1-A. RETAIN VALVES FOR REINSTALLATION. REFER TO SHEET M3.1.
- 03 ISOLATE AND REMOVE EXISTING NITROGEN GENERATOR AND COMPRESSED AIR TANKS. SEE DETAIL D3.1-B FOR DISCONNECTION LOCATION. GENERATOR TO BE RETAINED FOR MANUFACTURER BUY BACK. REFER TO SPECIFICATION SECTION 21 13 16 FOR BUY BACK DETAILS.
- 04 REMOVE TWO 90° ELBOWS. REFER TO FIGURE D3.1-2 FOR EXISTING CONDITIONS.

FUR LOFT GENERAL DEMOLITION NOTES - BASEMENT:

- DEPRESSURIZE/DRAIN SYSTEM AS NEEDED TO PERFORM WORK.
- PERMANENT LABELS ARE TO BE PROVIDED FOR ALL SPRINKLER CONTROL VALVES, LOW POINT DRAINS, INSPECTOR'S TEST SYSTEMS AND FIRE ALARM DEVICES.

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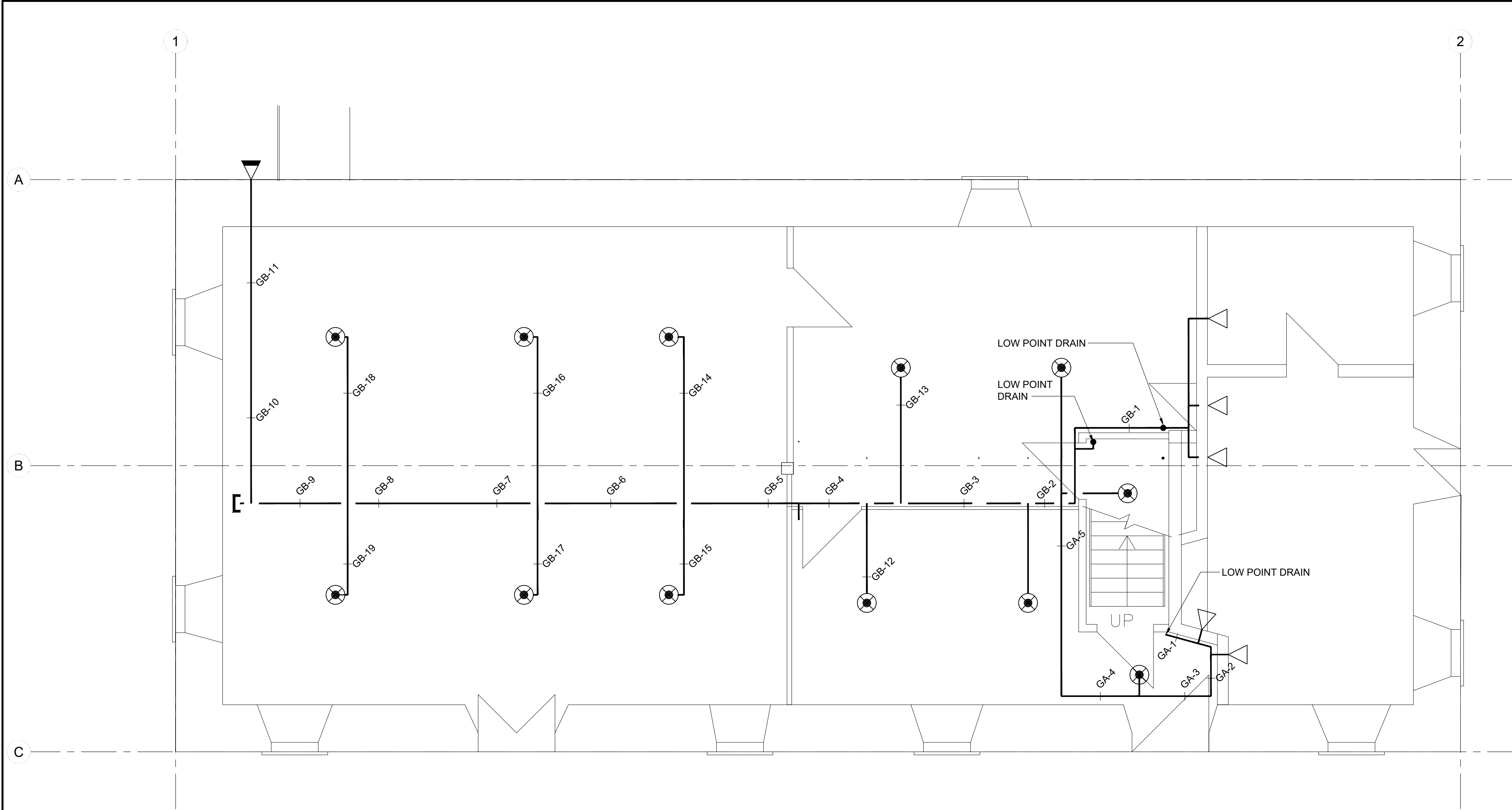
**REHABILITATION
FROM WATER DAMAGE
LOWER FORT GARRY**

Designed by LL	Conçu par
Drawn by JHW	Dessiné par
Approved by LL	Approuvé par
Project Engineer Manager CHRISTINE LeCLERC	Administrateur de Projets IPSGC
Drawing title FUR LOFT MECHANICAL DEMOLITION PLAN BASEMENT FLOOR	Titre du dessin

Project No./No. du projet 5P468-21-0054	Revision No./No. de la version D3.1	Revision R00
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FUR LOFT GENERAL DEMOLITION NOTES - MAIN FLOOR

- PERMANENT LABELS ARE TO BE PROVIDED FOR ALL SPRINKLER CONTROL VALVES, LOW POINT DRAINS, INSPECTOR'S TEST SYSTEMS AND FIRE ALARM DEVICES.

FUR LOFT- MAIN FLOOR

1:50

LEGEND	
ITEM	SYMBOL
EXISTING SPRINKLER HEAD	
EXISTING WALL MOUNTED SPRINKLER HEAD	
EXISTING DRY SIDE WALL SPRINKLER	
EXISTING SPRINKLER LINE	
EXISTING SPRINKLER SUPPORT LOCATION	AA-#

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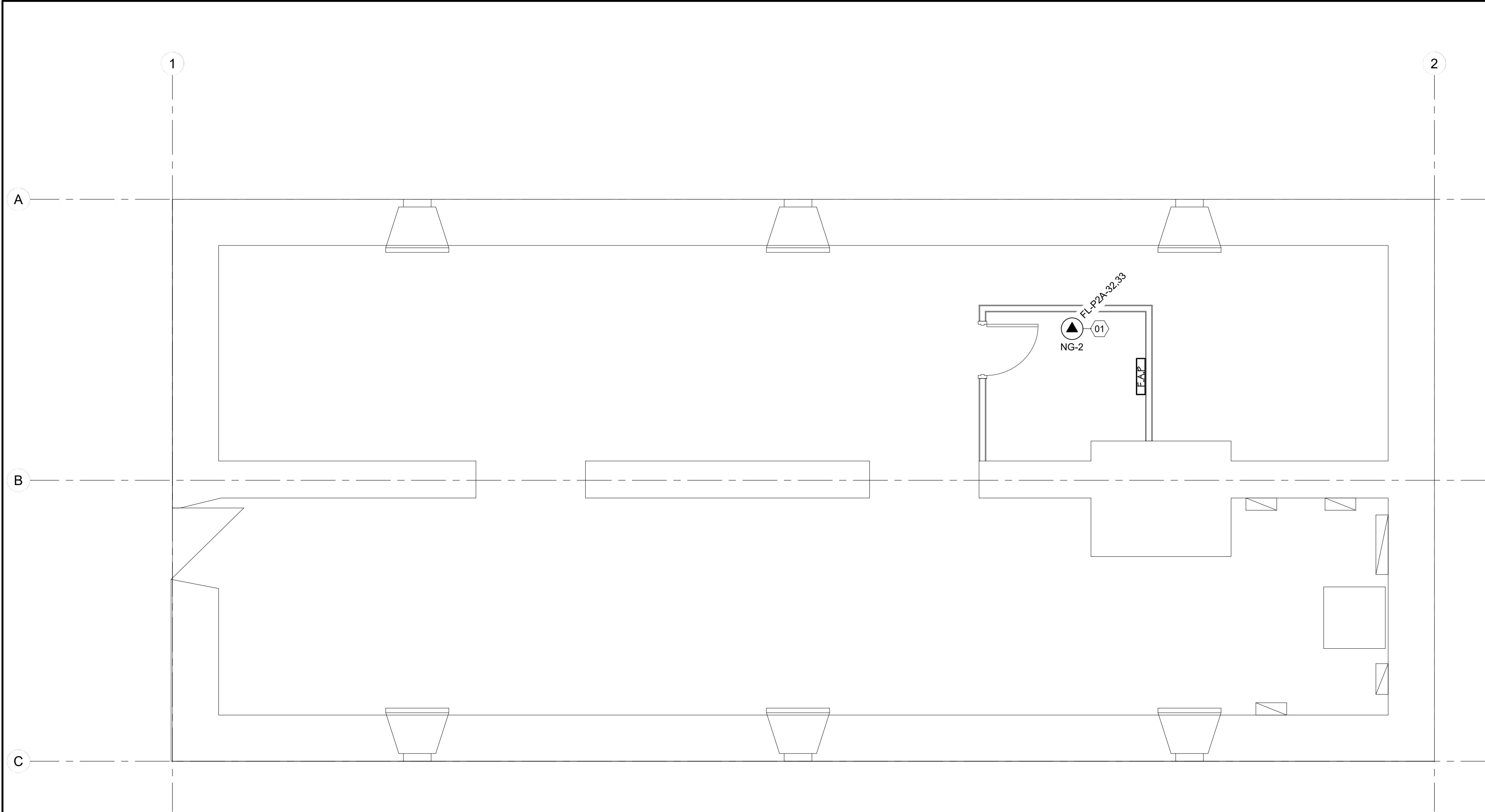
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REHABILITATION FROM WATER DAMAGE LOWER FORT GARRY	
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JHW	
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Project Engineer Manager	Administrateur de Projets TPSGC
CHRISTINE LeCLERC	
Drawing title	Titre du dessin
FUR LOFT MECHANICAL DEMOLITION PLAN MAIN FLOOR	
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FUR LOFT- BASEMENT FLOOR

1:50

FIRE ALARM LEGEND		
ITEM	SYMBOL	REMARKS
FIRE ALARM CONTROL PANEL		EXISTING TO REMAIN

EQUIPMENT		
ITEM	SYMBOL	REMARKS
EQUIPMENT CONNECTION		
NITROGEN GENERATOR	NG-#	EXISTING TO BE REPLACED

FUR LOFT DEMOLITION NOTES - BASEMENT:		
	DISCONNECT EXISTING NITROGEN GENERATOR FROM ELECTRICAL POWER SUPPLY. REFER TO MECHANICAL DRAWINGS FOR INSTRUCTIONS ON PROCEDURE OF EQUIPMENT REMOVAL. SEE FIGURE D31.	

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FROM WATER DAMAGE

LOWER FORT GARRY

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Drawn by

Dessiné par

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Approved by

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LL

Project Manager

Administrateur de Projets

CHRISTINE LeCLERC

TPSGC

Drawing title

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FUR LOFT

ELECTRICAL DEMOLITION PLAN

BASEMENT FLOOR

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5P468-21-0054

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13 OF 42

PWGSC

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841X594

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FIGURE D1.1-1



FIGURE D1.1-2



FIGURE D1.1-3

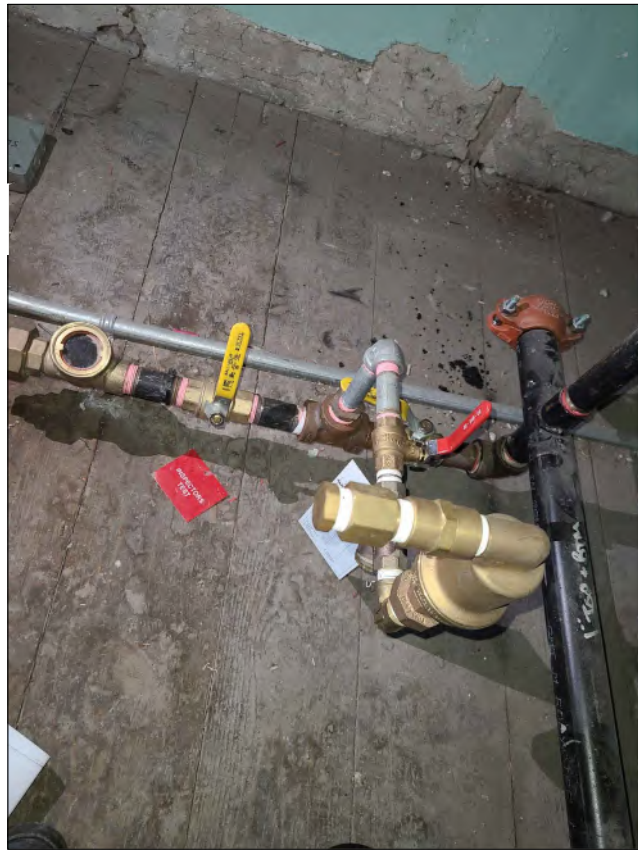


FIGURE D1.3-1



FIGURE D1.3-2



FIGURE D1.3-3



FIGURE D1.3-4



FIGURE D1.3-5



FIGURE D1.3-6



FIGURE D1.4-1



FIGURE D1.4-2



FIGURE D2.2-1



FIGURE D2.2-2



FIGURE D2.2-3




FIGURE D2.3-1



FIGURE D2.4-1



FIGURE D2.4-2



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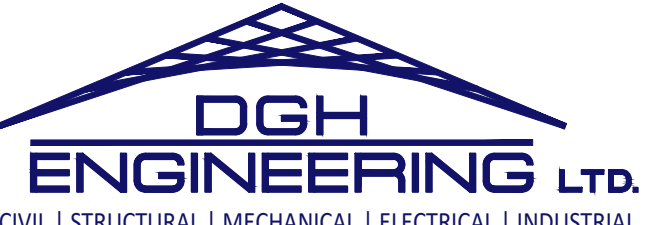
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REHABILITATION
FROM WATER DAMAGE
LOWER FORT GARRY**

Designed by

GMF

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LL

Project Engineer Manager

CHRISTINE LeCLERC

Administrateur de Projets IPSGC

Drawing title

**DEMOLITION
FIGURES**
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Project no./No. du projet

5P468-21-0054

Revision no./No. de la révision

D4.1
14 OF 42

Revision no.

R00

PWGSC - A1 - R41X594

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FIGURE D3.1-1

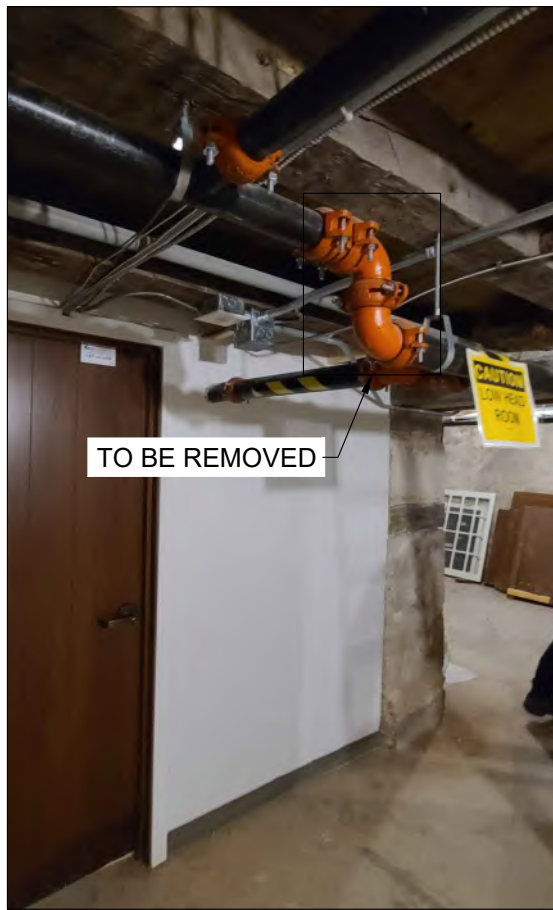



FIGURE D3.1-2



FIGURE D3.3-1



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**REHABILITATION
FROM WATER DAMAGE
LOWER FORT GARRY**

Projet

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RTD	
Approved by	Approuvé par
LL	
Project Manager	Administrateur de Projets
CHRISTINE LeCLERC	TPSGC

Drawing title

**DEMOLITION
FIGURES**

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5P468-21-0054	D4.2	R00
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