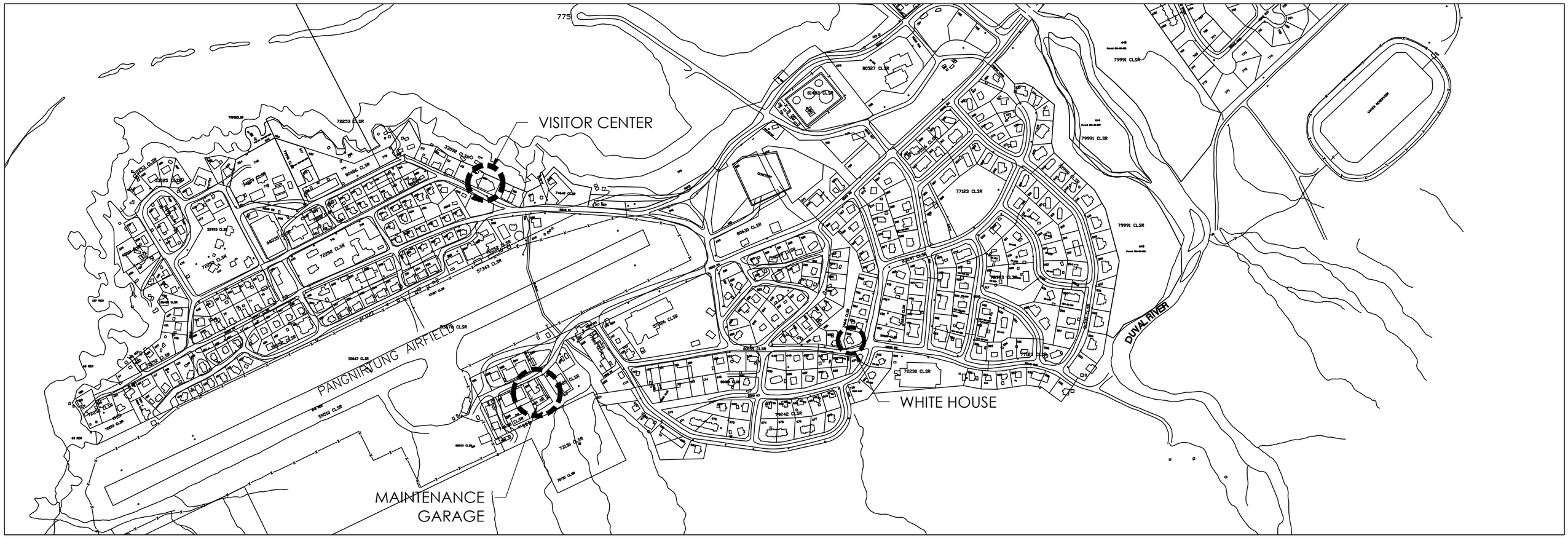
MAINTENANCE GARAGE AND FENCE REHABILITATION

Pangnirtung, Nunavut

PCAU-01-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019



ARCHITECTS

architecture+design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514.844.6611
F 514.844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN

CLIENT

Parcs Canada Parks Canada

MAINTENANCE GARAGE AND FENCE REHABILITATION

MAINTENANCE GARAGE
Pangnirtung, Nunavut

PCAU-01-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019

DRAWING	EMISSION	DATE
MG-A010 - SITE PLAN	03	2019-02-08
MG-A011 - EXISTING EXTERIOR CONDITIONS - PICTURES	03	2019-02-08
MG-A012 - EXISTING INTERIOR CONDITIONS - PICTURES	03	2019-02-08
MG-A030 - WALL AND PARTITION SCHEDULE	03	2019-02-08
MG-A051 - FLOOR PLAN - DEMOLITION	03	2019-02-08
MG-A052 - MEZZANINE FLOOR PLAN - DEMOLITION	03	2019-02-08
MG-A053 - CEILING PLAN - DEMOLITION	03	2019-02-08
MG-A054 - ELEVATIONS - DEMOLITION	03	2019-02-08
MG-A055 - ELEVATIONS - DEMOLITION	03	2019-02-08
MG-A056 - GENERAL SECTIONS - DEMOLITION	03	2019-02-08
MG-A057 - DETAIL SECTION - DEMOLITION	03	2019-02-08
MG-A101 - FLOOR PLAN - CONSTRUCTION	03	2019-02-08
MG-A102 - MEZZANINE FLOOR PLAN - CONSTRUCTION	03	2019-02-08
MG-A201 - CEILING PLAN - CONSTRUCTION	03	2019-02-08
MG-A501 - ELEVATIONS - CONSTRUCTION	03	2019-02-08
MG-A502 - ELEVATIONS - CONSTRUCTION	03	2019-02-08
MG-A551 - GENERAL SECTIONS - CONSTRUCTION	03	2019-02-08
MG-A651 - CONSTRUCTION DETAIL - SECTION	03	2019-02-08
MG-A652 - CONSTRUCTION DETAIL - PLAN	03	2019-02-08
MG-A901 - INTERIOR DETAIL	03	2019-02-08
MG-A902 - INTERIOR DETAIL	03	2019-02-08
MG-A903 - INTERIOR DETAIL	03	2019-02-08
MG-A904 - INTERIOR DETAIL	02	2019-02-08
MG-A951 - DOOR AND FRAME SCHEDULE / FINISH SCHEDULE	03	2019-02-08

ARCHITECTS

architecture+design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514.844.6611
F 514.844.7646

Ædifica

ENGINEERS

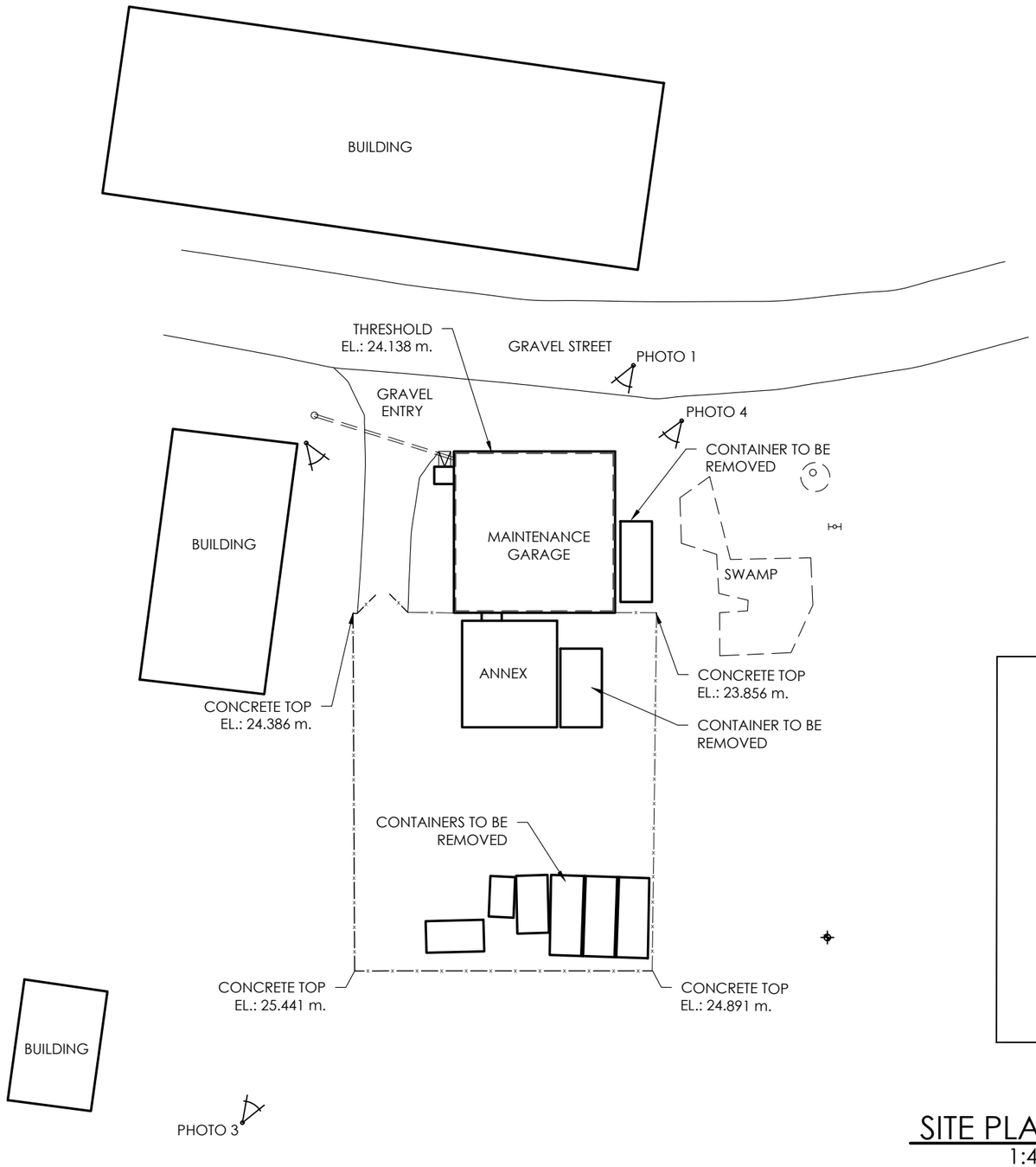
Ædifica consultants

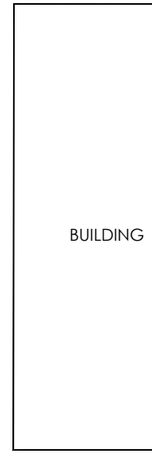
SNC·LAVALIN

CLIENT

Parcs Canada Parks Canada

LEGEND	
○	ELECTRIC POLE
⊢⊣	HAUBAN
⌖	DRILLING
— —	SWAMP
—x—	FENCE
═ ═	ELECTRIC WIRE





SITE PLAN 1
1:400 MG-A010

PHOTO 1

PHOTO 2

PHOTO 3

PHOTO 4

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
SITE PLAN

SCALE
1:400

DRAWN BY
C.P./E.P./S.P.

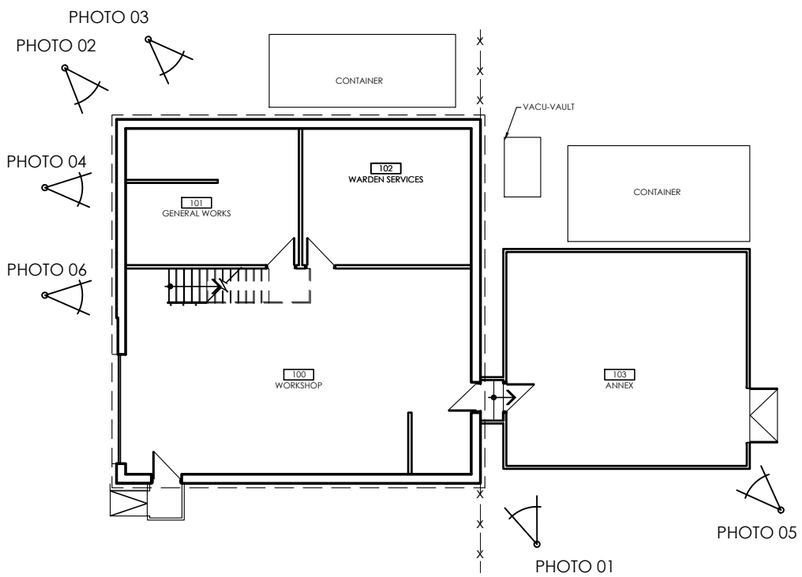
H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A010

SEAL



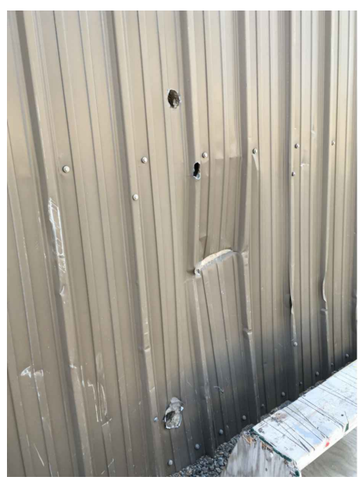


PHOTO 06

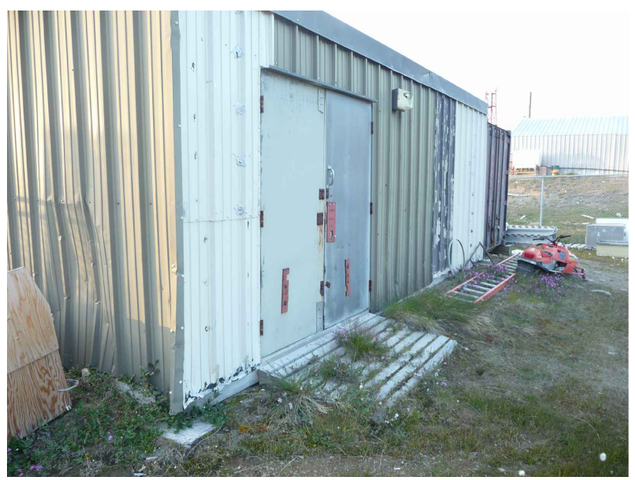


PHOTO 05

PHOTO 04

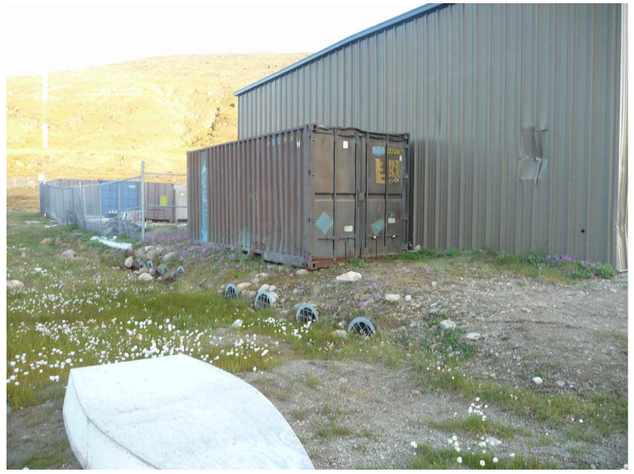


PHOTO 03

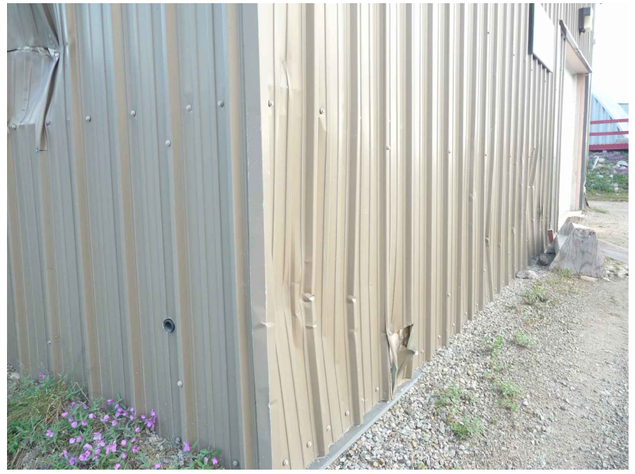


PHOTO 02

PHOTO 01

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC-LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
EXISTING EXTERIOR CONDITIONS - PICTURES

SCALE N/A

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A011

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

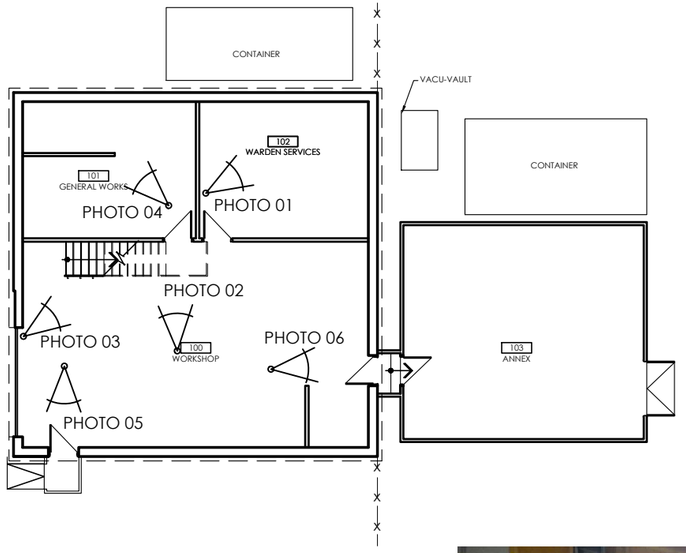


PHOTO 06

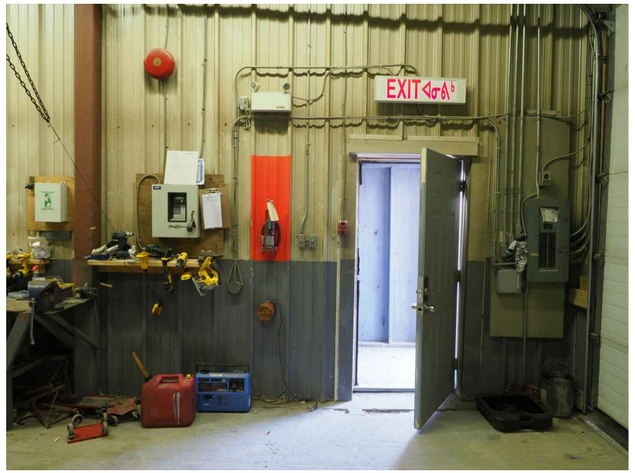


PHOTO 05

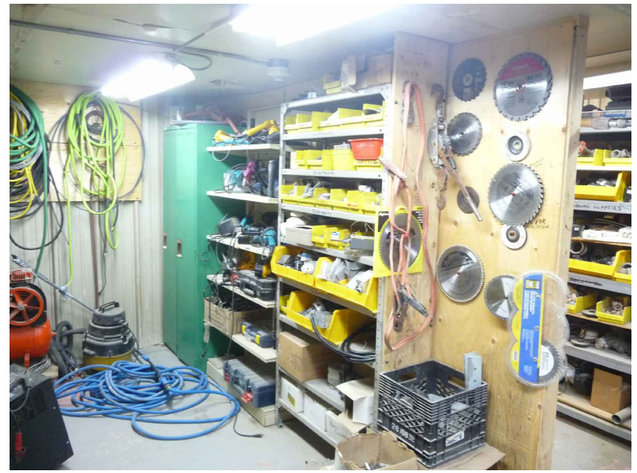


PHOTO 04

PHOTO 03

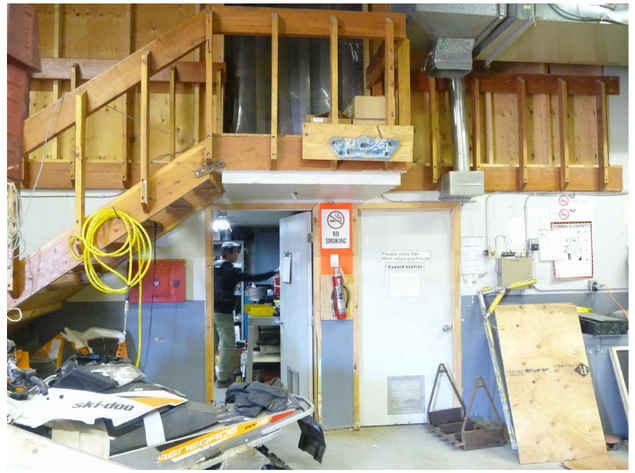


PHOTO 02

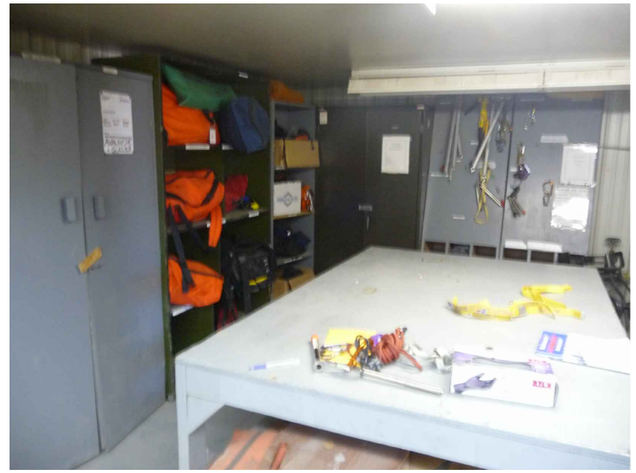


PHOTO 01

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
EXISTING INTERIOR CONDITIONS - PICTURES

SCALE
N/A

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

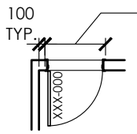
PAGE
MG-A012

SEAL

LEGEND - CONSTRUCTION

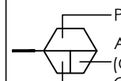
INTERIOR DOOR

SEE DOOR AND FRAME SCHEDULE



EXTERIOR WALL TAG

PARTITION WALL TAG



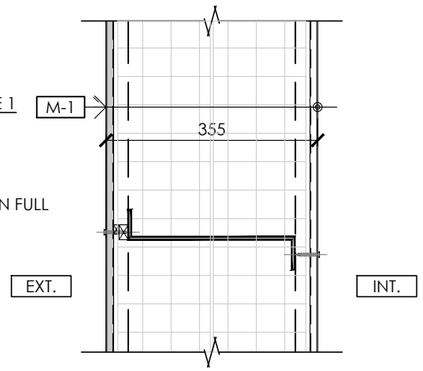
PARTITION NBR.

A: SLAB TO UNDERSIDE OF BEAM (OR TRUSSES, OR CEILING METAL CLADDING OR BEARING)
B: SLAB TO UNDERSIDE OF STAIR
C: FLOOR TO 1070 MM

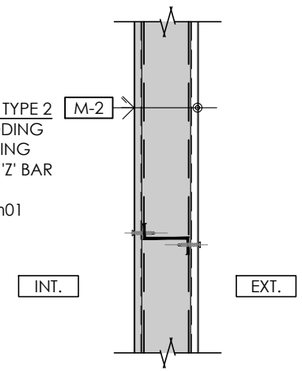
- : NO FIRE RATING

EXTERIOR WALL SCHEDULE

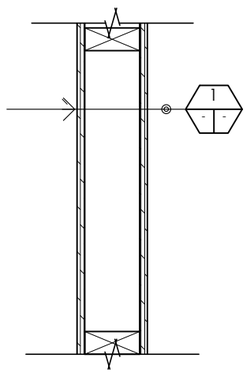
GARAGE EXTERIOR WALL TYPE 1
- EXISTING METAL CLADDING
- EXISTING WOOD FURRING
- EXISTING STRUCTURAL 'Z' BAR
- EXISTING HSS COLUMN
- MINERAL WHOOL INSULATION FULL WIDTH OF CAVITY RSI 8,4
- METAL CLADDING, Pm01



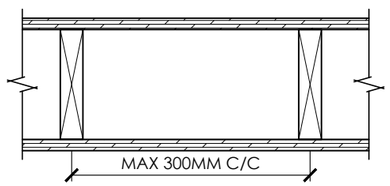
ANNEX EXTERIOR WALL TYPE 2
- EXISTING METAL CLADDING
- EXISTING WOOD FURRING
- EXISTING STRUCTURAL 'Z' BAR
- EXISTING COLUMN
- METAL CLADDING, Pm01



PARTITION WALL SCHEDULE



INTERIOR PARTITION WALL TYPE 1
- PLYWOOD 12,7 MM, Pw02
- 38 MM x 89 MM WOOD STUD @ 400 C.C.
- PLYWOOD 12,7 MM, Pw02



STAIR LANDING
- PLYWOOD TONGUE AND GROOVE ASSEMBLY 19 MM, Pw03
- 38 MM x 184 MM WOOD BEAMS @ 300MM C.C.
- PLYWOOD 12.7MM Pw02

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
WALL AND PARTITION SCHEDULE

SCALE
1:10

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A030

SEAL

LEGEND - DEMOLITION

- EXISTING TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING DOUBLE DOOR TO BE DEMOLISHED
- ELEMENT TO BE DEMOLISHED
- SURFACE TO BE DEMOLISHED
- EXISTING CEILING LIGHTING

MATERIAL LEGEND:

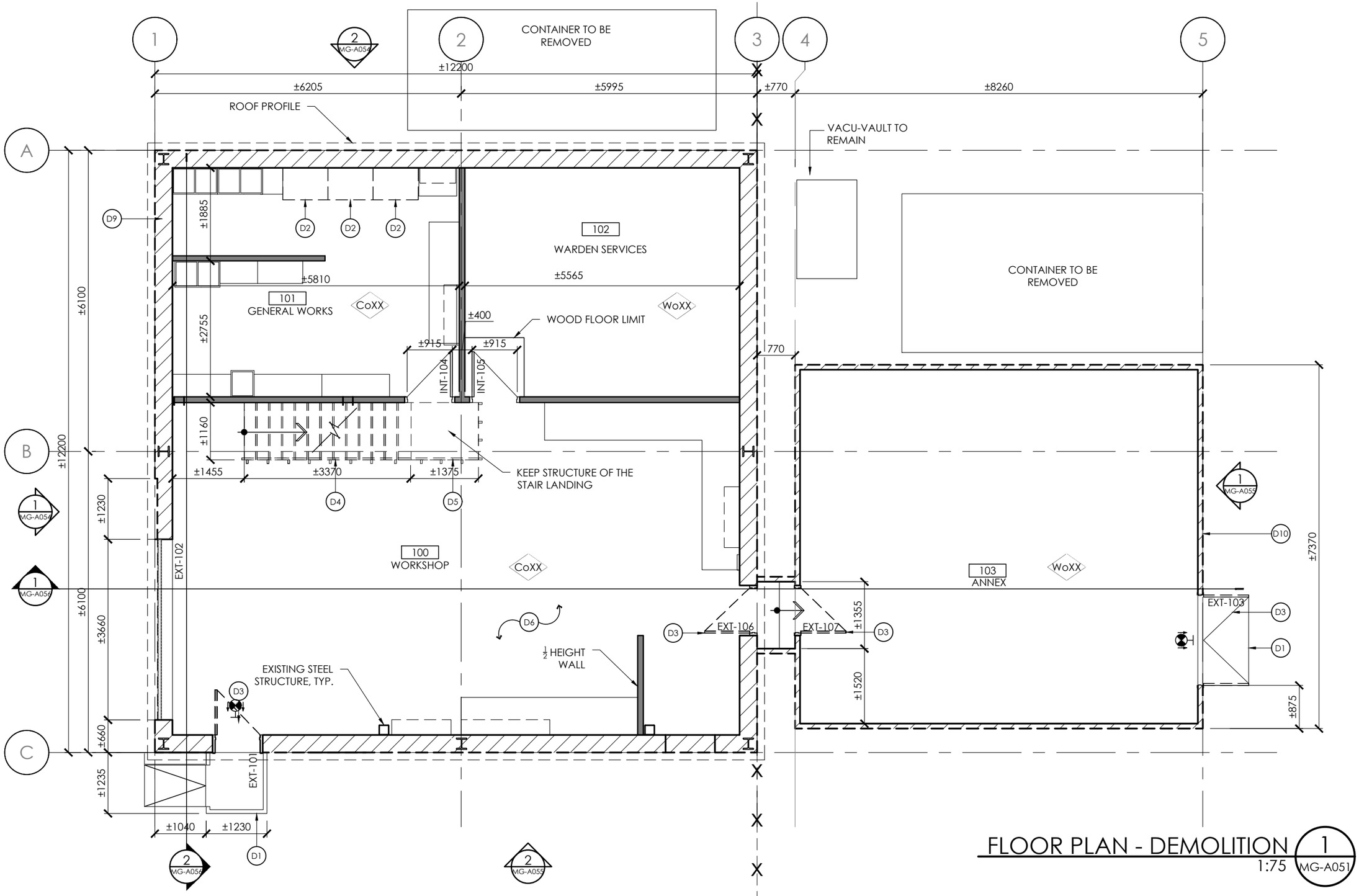
- CoXX EXISTING CONCRETE FLOOR
- PwXX EXISTING PLYWOOD
- WoXX EXISTING WOOD FLOOR
- GyXX EXISTING GYPSUM
- PmXX EXISTING METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE DEMOLISHED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- D1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- D2 ITEM TO BE REMOVED
- D3 EXISTING DOOR TO BE DEMOLISHED
- D4 EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- D5 BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- D6 GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- D7 CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- D8 MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- D9 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- D10 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- D11 ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)



FLOOR PLAN - DEMOLITION

1:75 — 1 / MG-A051

ARCHITECTS	STRUCTURAL ENGINEERS	CLIENT
Ædifica	SNC·LAVALIN	Parcs Canada
MECHANICAL/ELECTRICAL ENGINEERS		
Ædifica consultants		

PROJECT: PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
FLOOR PLAN - DEMOLITION

SCALE: 1:75

DRAWN BY: C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE: MG-A051

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - DEMOLITION

- EXISTING TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING DOUBLE DOOR TO BE DEMOLISHED
- ELEMENT TO BE DEMOLISHED
- SURFACE TO BE DEMOLISHED
- EXISTING CEILING LIGHTING

MATERIAL LEGEND:

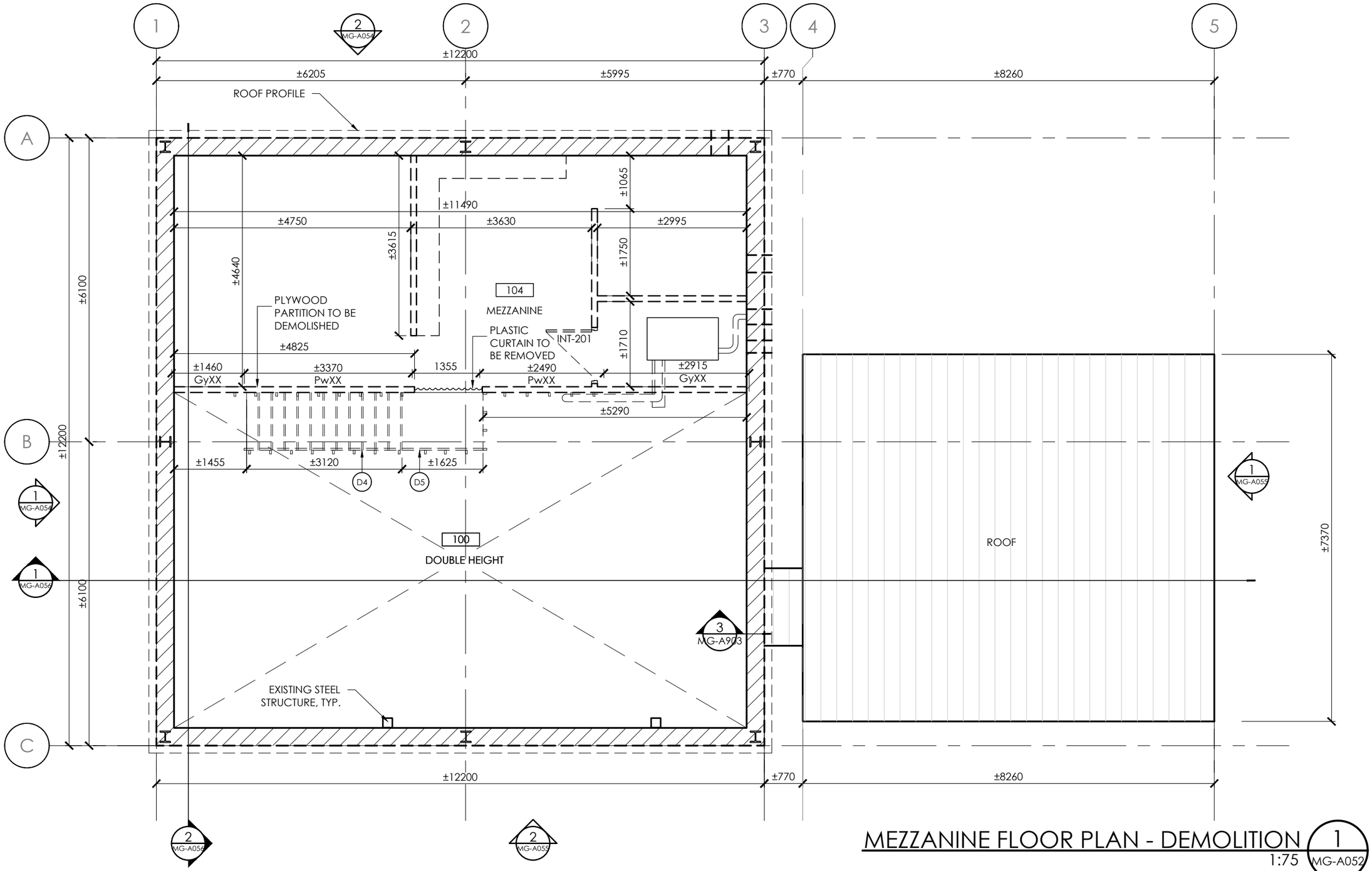
- CoXX — EXISTING CONCRETE FLOOR
- PwXX — EXISTING PLYWOOD
- WoXX — EXISTING WOOD FLOOR
- GyXX — EXISTING GYPSUM
- PmXX — EXISTING METAL CLADDING
- Pm02 — EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE DEMOLISHED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- D1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- D2 ITEM TO BE REMOVED
- D3 EXISTING DOOR TO BE DEMOLISHED
- D4 EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- D5 BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- D6 GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- D7 CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- D8 MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- D9 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- D10 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- D11 ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)



MEZZANINE FLOOR PLAN - DEMOLITION

1:75 — 1 MG-A052

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC-LAVALIN

CLIENT
Parcs Canada

PROJECT
PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
MEZZANINE FLOOR PLAN - DEMOLITION

SCALE
1:75

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A052

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - DEMOLITION

- EXISTING TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING DOUBLE DOOR TO BE DEMOLISHED
- ELEMENT TO BE DEMOLISHED
- SURFACE TO BE DEMOLISHED
- EXISTING CEILING LIGHTING

MATERIAL LEGEND:

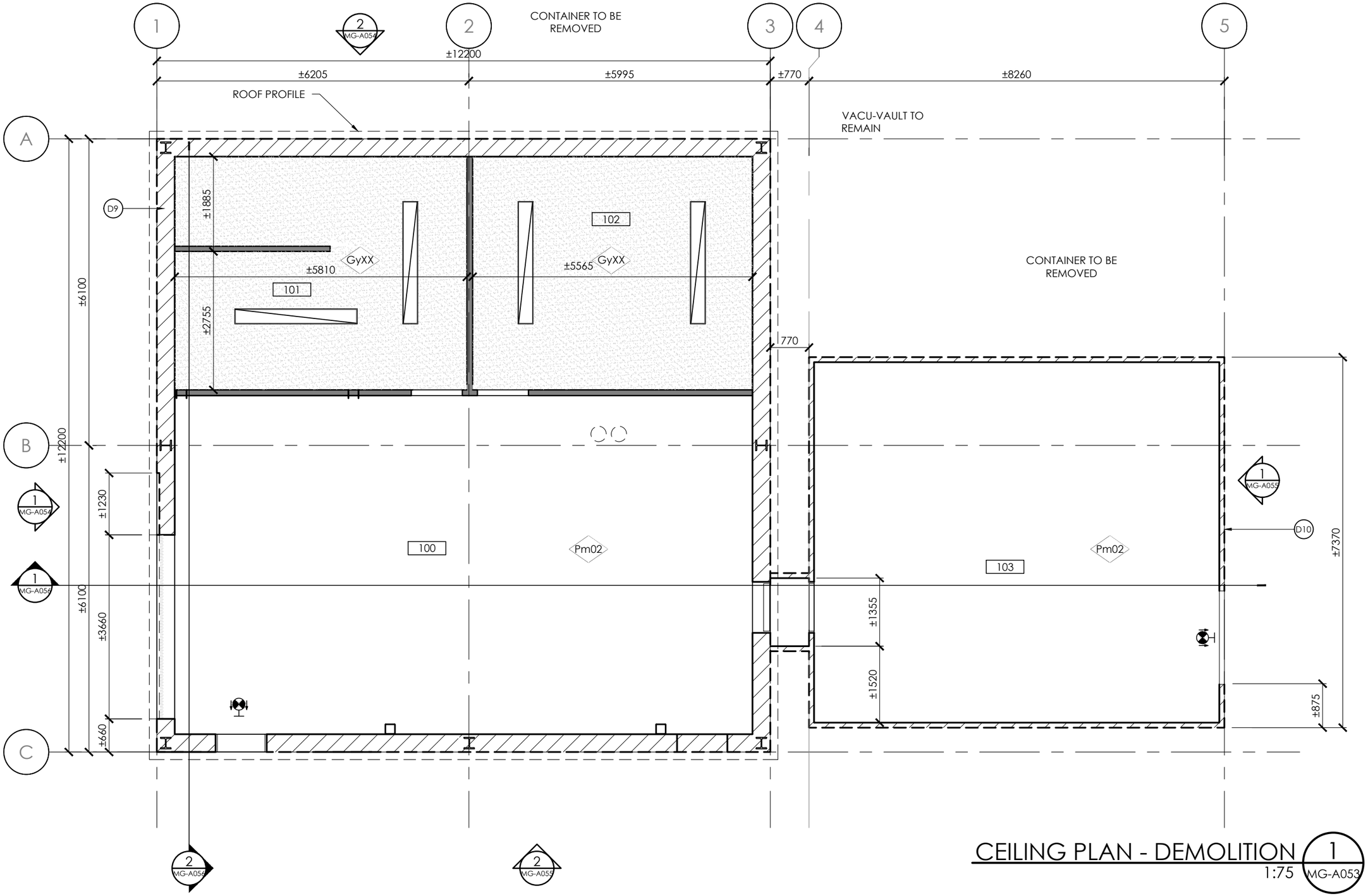
- CoXX EXISTING CONCRETE FLOOR
- PwXX EXISTING PLYWOOD
- WoXX EXISTING WOOD FLOOR
- GyXX EXISTING GYPSUM
- PmXX EXISTING METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE DEMOLISHED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- D1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- D2 ITEM TO BE REMOVED
- D3 EXISTING DOOR TO BE DEMOLISHED
- D4 EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- D5 BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- D6 GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- D7 CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- D8 MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- D9 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- D10 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- D11 ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)



CEILING PLAN - DEMOLITION

1:75 — 1 / MG-A053

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
CEILING PLAN - DEMOLITION

SCALE
1:75

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A053

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - DEMOLITION

- EXISTING FENCE
- E.L. EXISTING EXTERIOR LIGHTING
- (M) ELECTRIC METER

MATERIAL LEGEND:

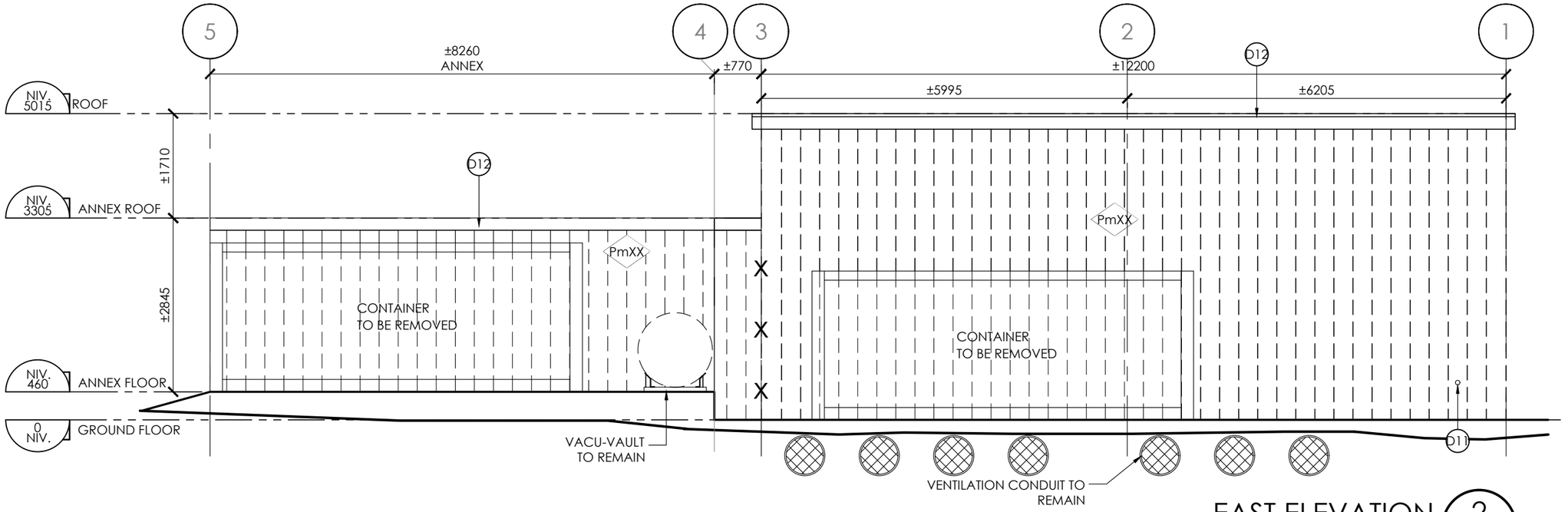
- CoXX EXISTING CONCRETE FLOOR
- PwXX EXISTING PLYWOOD
- WoXX EXISTING WOOD FLOOR
- GyXX EXISTING GYPSUM
- PmXX EXISTING METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

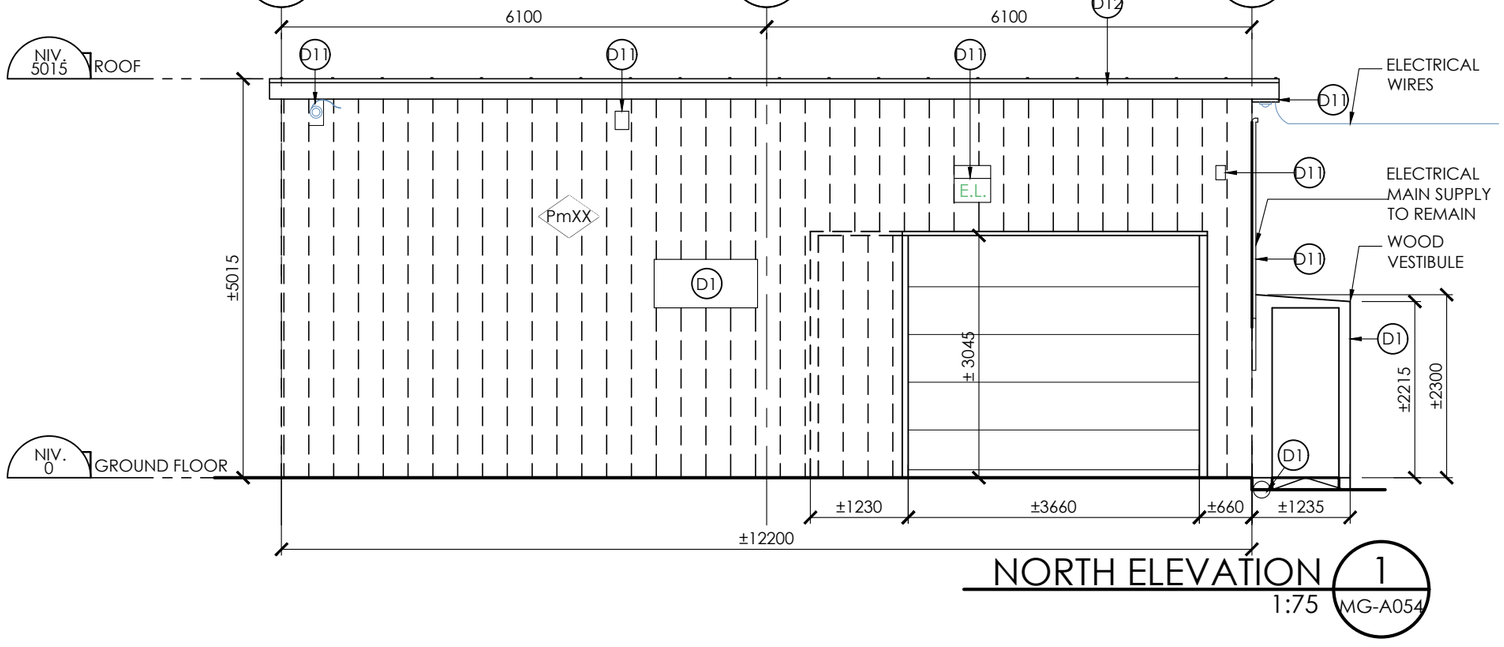
1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE BE DEMOLISHEDED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- (D1) ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- (D2) ITEM TO BE REMOVED
- (D3) EXISTING DOOR TO BE DEMOLISHED
- (D4) EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- (D5) BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- (D6) GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- (D7) CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- (D8) MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- (D9) EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- (D10) EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- (D11) ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)
- (D12) METAL FLASHING TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- (D13) EQUIPMENT TO REMAIN



EAST ELEVATION 2
1:75 MG-A054



NORTH ELEVATION 1
1:75 MG-A054

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELEVATIONS - DEMOLITION

SCALE
1:75

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2018-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A054

SEAL

LEGEND - DEMOLITION

- EXISTING FENCE
- E.L. EXISTING EXTERIOR LIGHTING
- (M) ELECTRIC METER

MATERIAL LEGEND:

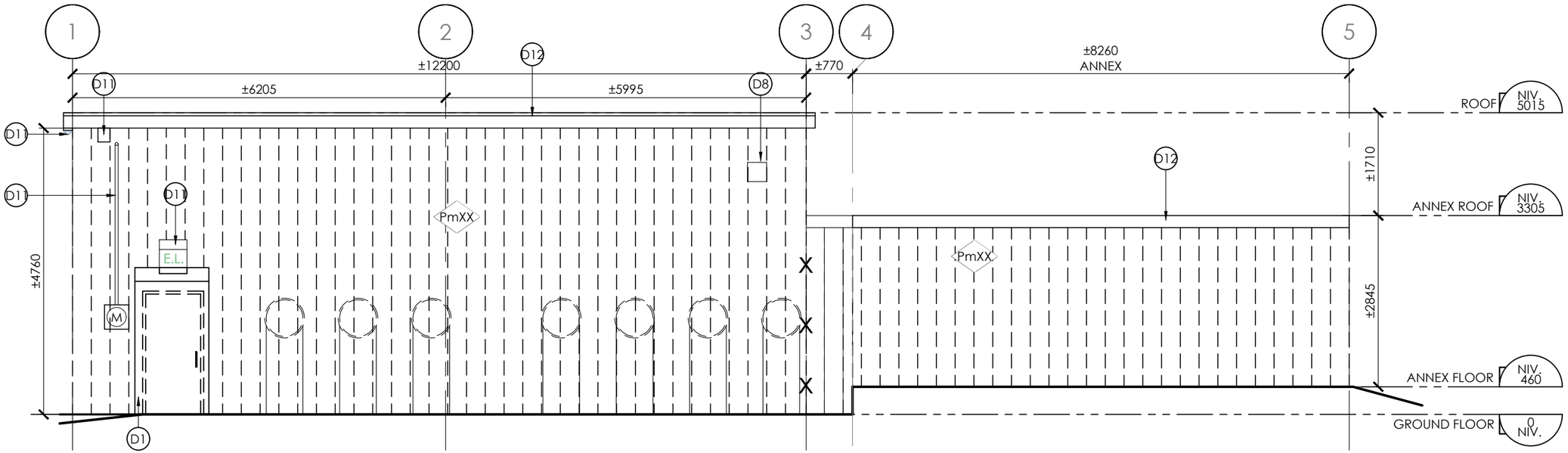
- CoXX EXISTING CONCRETE FLOOR
- PwXX EXISTING PLYWOOD
- WoXX EXISTING WOOD FLOOR
- GyXX EXISTING GYPSUM
- PmXX EXISTING METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

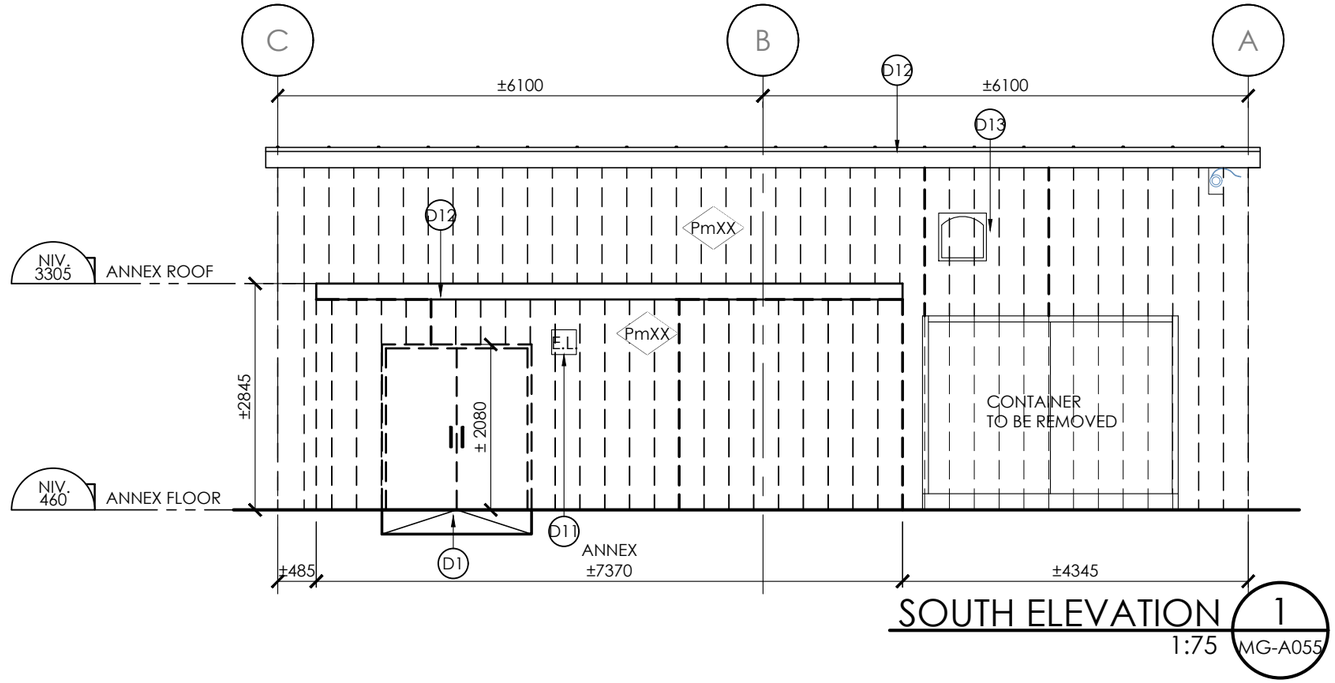
1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE BE DEMOLISHEDED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- (D1) ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- (D2) ITEM TO BE REMOVED
- (D3) EXISTING DOOR TO BE DEMOLISHED
- (D4) EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- (D5) BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- (D6) GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- (D7) CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- (D8) MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- (D9) EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- (D10) EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- (D11) ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)
- (D12) METAL FLASHING TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- (D13) EQUIPMENT TO REMAIN



WEST ELEVATION 2
1:75 MG-A055



SOUTH ELEVATION 1
1:75 MG-A055

ARCHITECTS	Ædifica	
MECHANICAL/ELECTRICAL ENGINEERS	Ædifica consultants	
STRUCTURAL ENGINEERS	SNC·LAVALIN	
CLIENT	Parcs Canada / Parks Canada	
PROJECT	PCAU-01-02	MAINTENANCE GARAGE AND FENCE REHABILITATION PARKS CANADA PANGNIRTUNG, NUNAVUT
DRAWING		MAINTENANCE GARAGE ELEVATIONS - DEMOLITION
SCALE		1:75
DRAWN BY		C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A055

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - DEMOLITION

- EXISTING TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING DOUBLE DOOR TO BE DEMOLISHED
- ELEMENT TO BE DEMOLISHED
- SURFACE TO BE DEMOLISHED
- EXISTING CEILING LIGHTING

MATERIAL LEGEND:

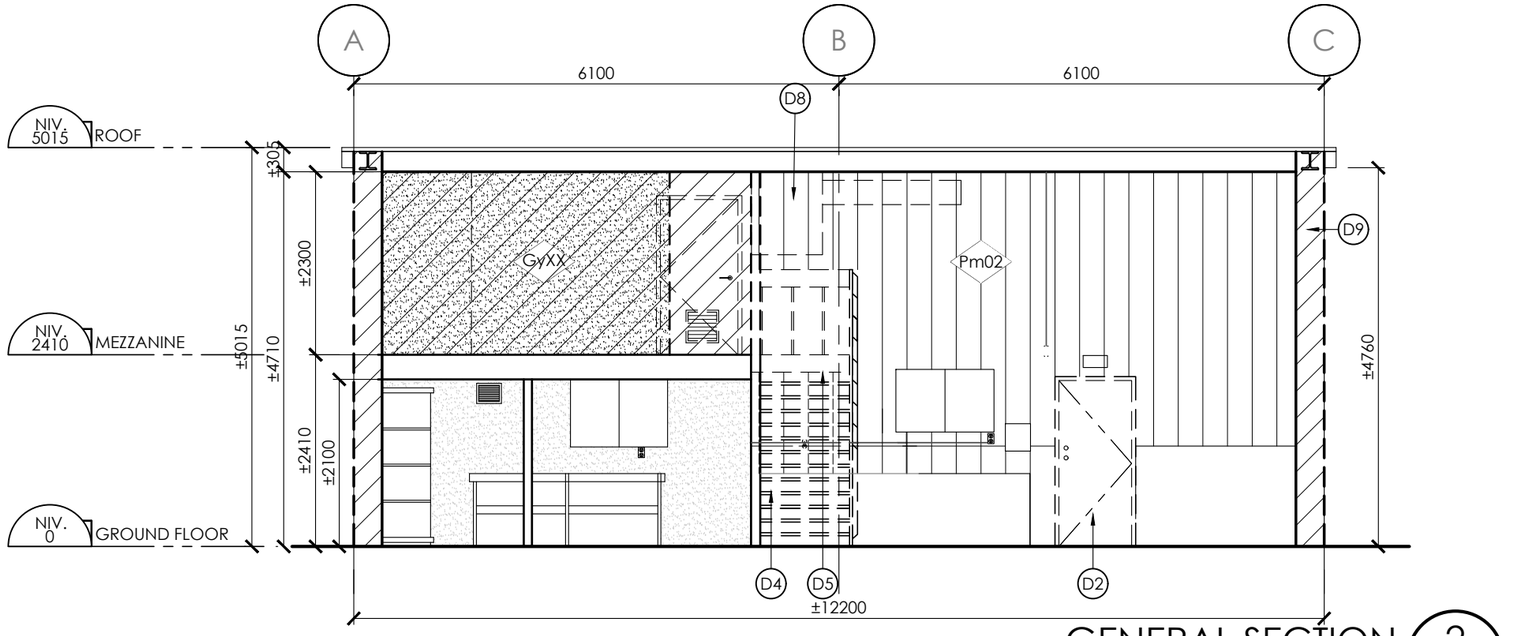
- CoXX — EXISTING CONCRETE FLOOR
- PwXX — EXISTING PLYWOOD
- WoXX — EXISTING WOOD FLOOR
- GyXX — EXISTING GYPSUM
- PmXX — EXISTING METAL CLADDING
- Pm02 — EXISTING METAL CLADDING TO PRESERVE

GENERAL DEMOLITION NOTES:

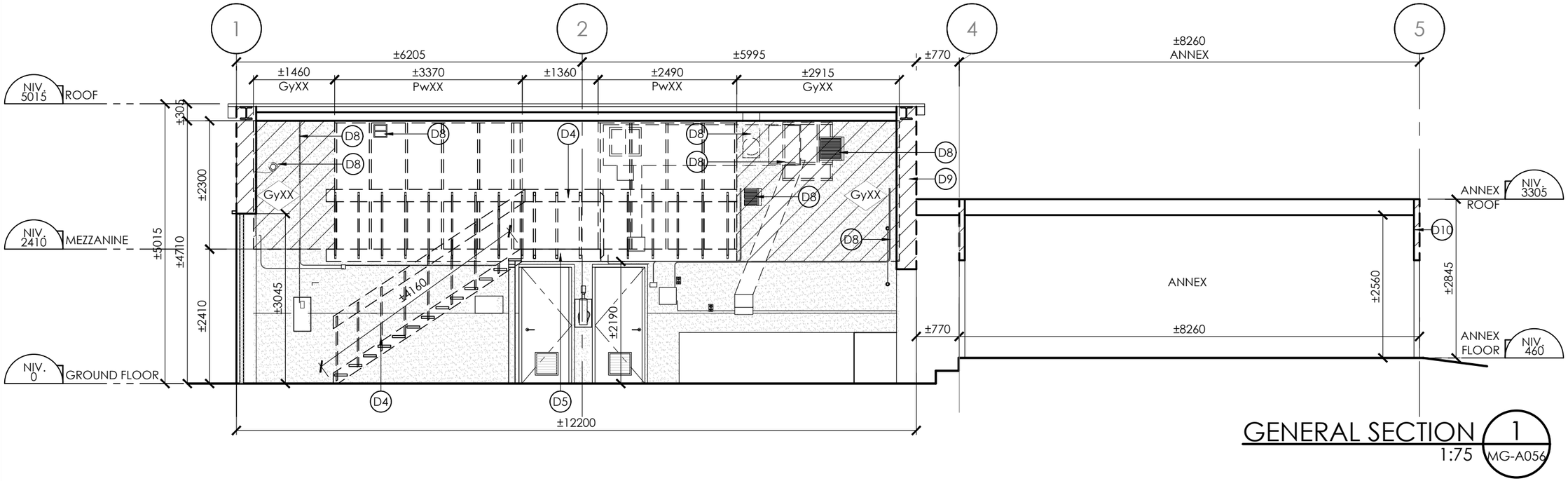
1. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR SCOPE OF DEMOLITION WORK IN THESE DISCIPLINES.
2. INSTALL THE REINFORCEMENTS AND TEMPORARY SUPPORT NECESSARY FOR THE SAFE DEMOLITION OF PARTS OF BUILDING.
3. WHEN A PARTITION WALL IS TO BE DEMOLISHED, EXECUTE THE DEMOLITION SLAB TO SLAB.
4. ALL OPENINGS IN EXTERIOR WALLS MUST BE PROTECTED BY TEMPORARY WEATHER PROOF INSTALLATIONS.
5. IN ADDITION TO THE WORK INDICATED IN THE DEMOLITION PLANS, INCLUDE REPAIR WORK FOLLOWING THE DEMOLITION

SPECIFIC DEMOLITION NOTES:

- D1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- D2 ITEM TO BE REMOVED
- D3 EXISTING DOOR TO BE DEMOLISHED
- D4 EXISTING STAIR AND HANDRAIL TO BE DEMOLISHED
- D5 BE DEMOLISHED THE GYPSUM FINISH OF THE STAIR BEARING
- D6 GRIND, CLEAN AND PREPARE THE EXISTING CONCRETE SLAB TO RECEIVE THE EPOXY COAT
- D7 CLEANING AND PREPARING FLOOR TO RECEIVE PAINT
- D8 MECHANICAL EQUIPMENT TO BE REMOVED (SEE MECHANICAL)
- D9 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING AND INSULATION TO BE BE DEMOLISHED (SEE DETAIL MG-A057)
- D10 EXTERIOR WALL TO BE DEMOLISHED PARTIALLY : EXTERIOR METAL CLADDING
- D11 ELECTRICAL EQUIPMENT TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER (SEE ELECTRICAL)



GENERAL SECTION 2
1:75 MG-A056



GENERAL SECTION 1
1:75 MG-A056

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT
PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
GENERAL SECTIONS - DEMOLITION

SCALE
1:75

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

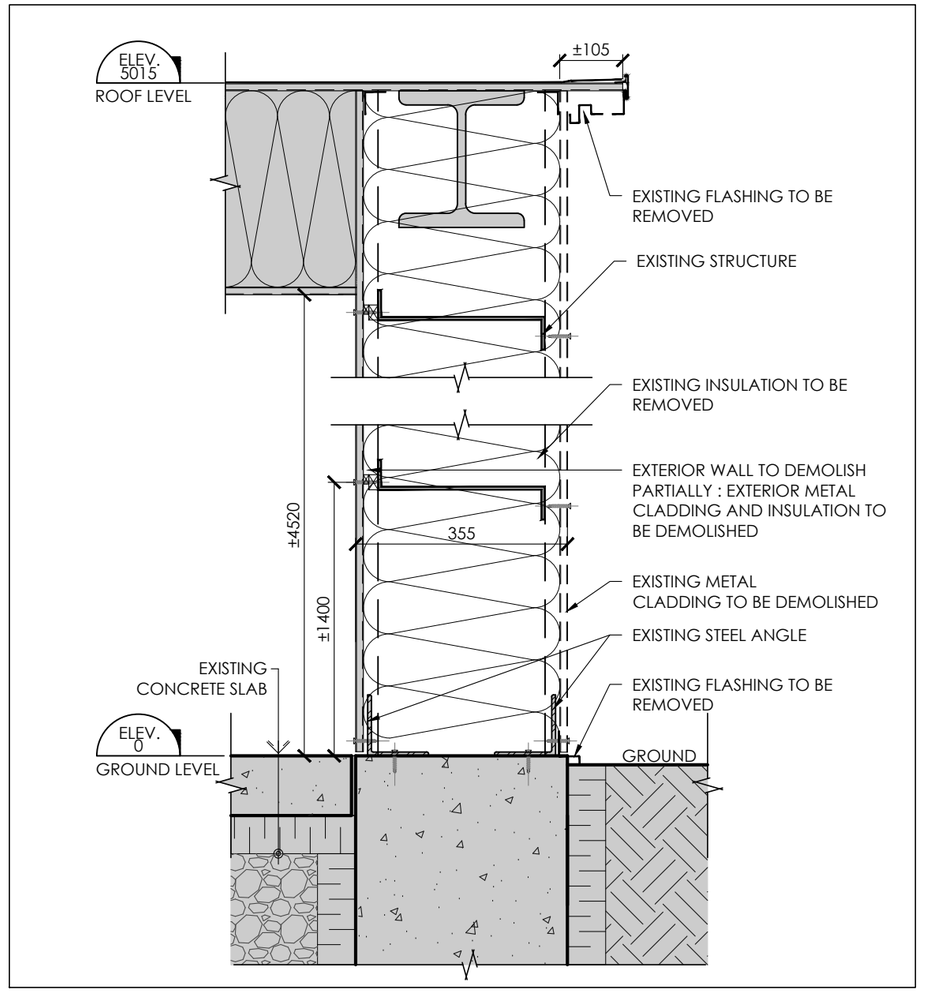
PAGE
MG-A056

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PHOTO 2
CLOSE UP PHOTO OF EXPLORATORY OPENING

PHOTO 1
EXPLORATORY OPENING



GARAGE WALL DETAIL SECTION DEMOLITION

1:10

1
MG-A057

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
DETAIL SECTION - DEMOLITION

SCALE
1:10

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A057

SEAL

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- INTERIOR DOOR (100 TYP. 1015 TYP. XXX-000)
- EXIT SIGN

MATERIAL LEGEND:

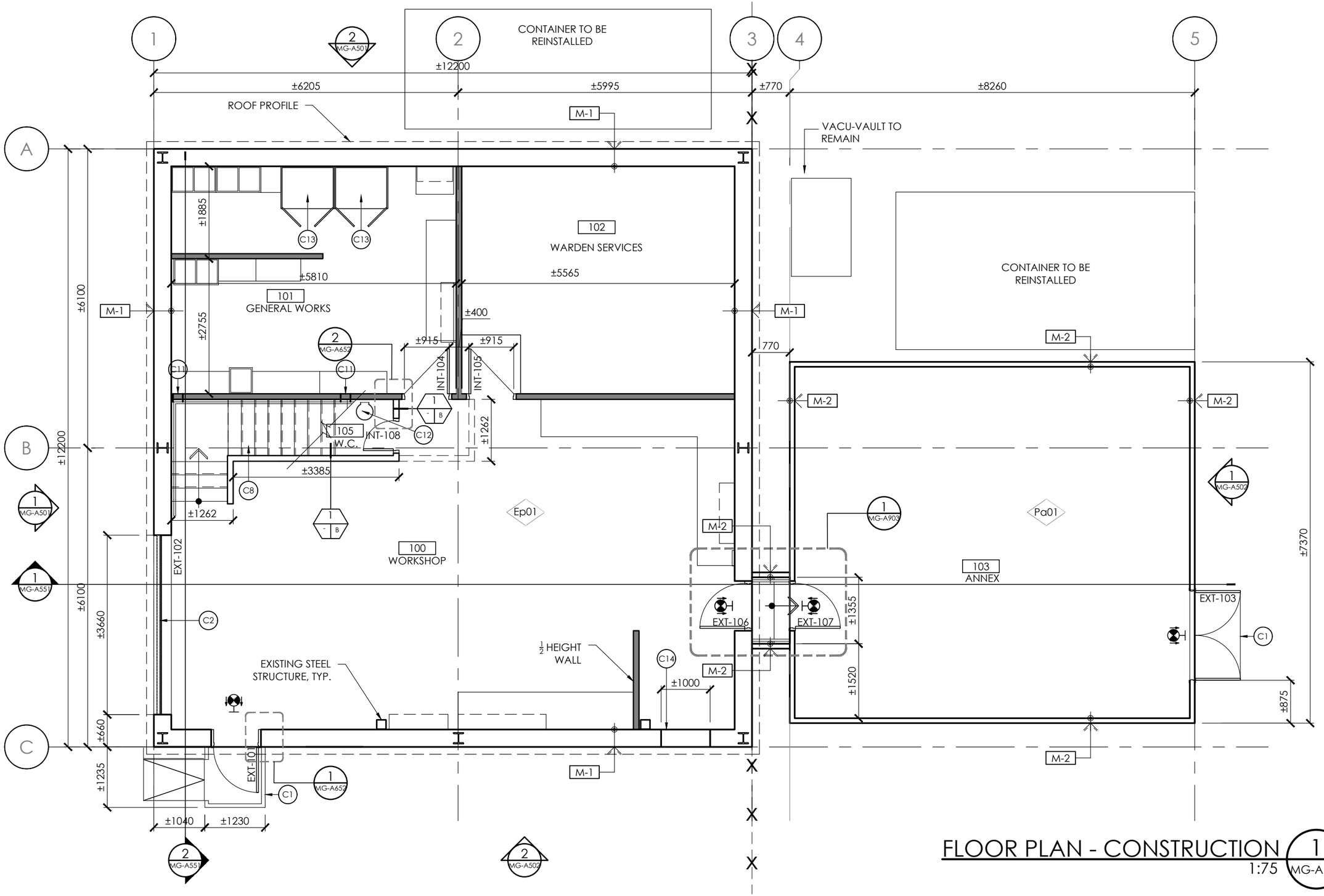
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



FLOOR PLAN - CONSTRUCTION

1:75 — 1 / MG-A101

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

DRAWING
MAINTENANCE GARAGE
FLOOR PLAN - CONSTRUCTION

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A101

SEAL

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- 100 TYP. 1015 TYP. INTERIOR DOOR (XXX-000)
- EXIT SIGN

MATERIAL LEGEND:

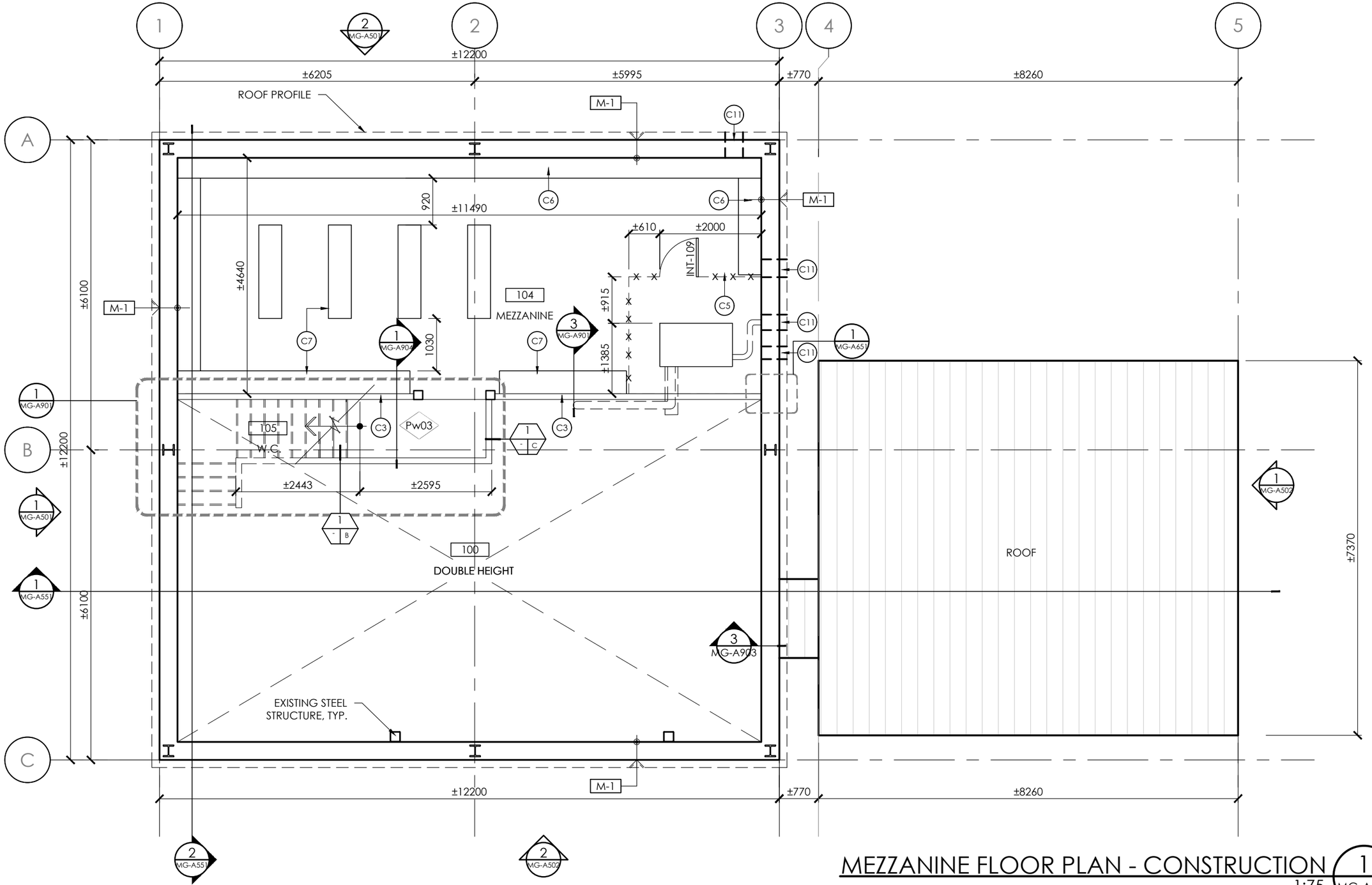
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



MEZZANINE FLOOR PLAN - CONSTRUCTION

1 MG-A102

1:75

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
MEZZANINE FLOOR PLAN - CONSTRUCTION

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A102

SEAL

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- 100 TYP. 1015 TYP. INTERIOR DOOR (XXX-000)
- EXIT SIGN

MATERIAL LEGEND:

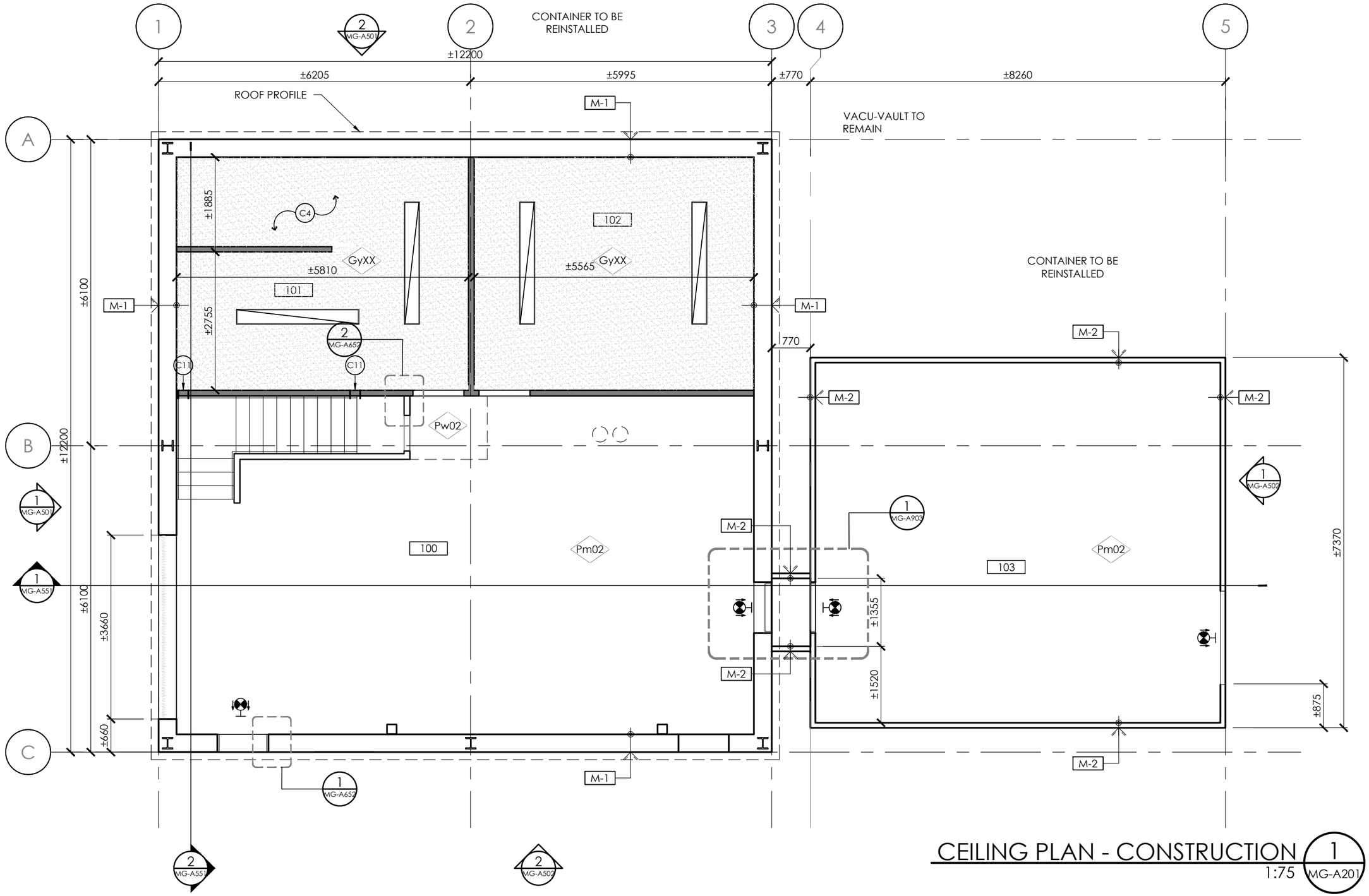
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



CEILING PLAN - CONSTRUCTION

1 MG-A201

1:75

ARCHITECTS	STRUCTURAL ENGINEERS / CLIENT	PROJECT
Édifica	SNC·LAVALIN / Parcs Canada	PCAU-01-02
MECHANICAL/ELECTRICAL ENGINEERS		MAINTENANCE GARAGE AND FENCE REHABILITATION
Édifica consultants		PARKS CANADA
		PANGNIRTUNG, NUNAVUT

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

DRAWING
MAINTENANCE GARAGE
CEILING PLAN - CONSTRUCTION

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A201

SEAL

LEGEND - CONSTRUCTION

- EXISTING FENCE
- E.L. EXISTING EXTERIOR LIGHTING
- N.L. EXTERIOR LIGHTING
- M ELECTRIC METER

MATERIAL LEGEND:

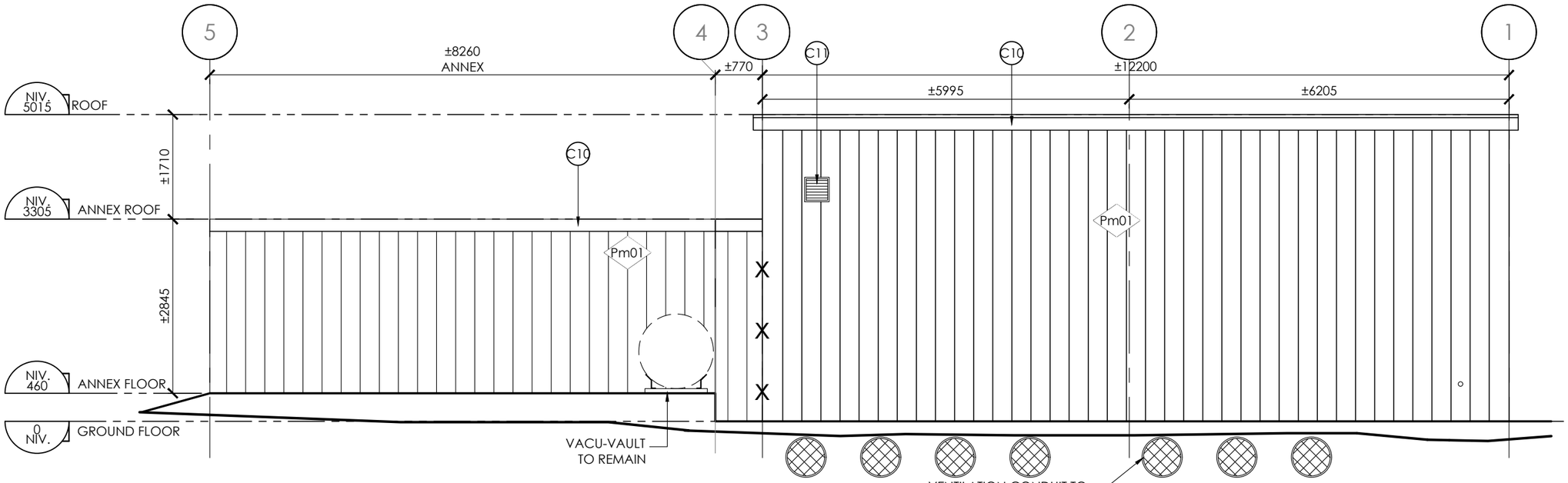
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pm01 METAL CLADDING
- Pw01 PAINTED PLYWOOD
- Sm01 METAL FLASHING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL CONSTRUCTION NOTES:

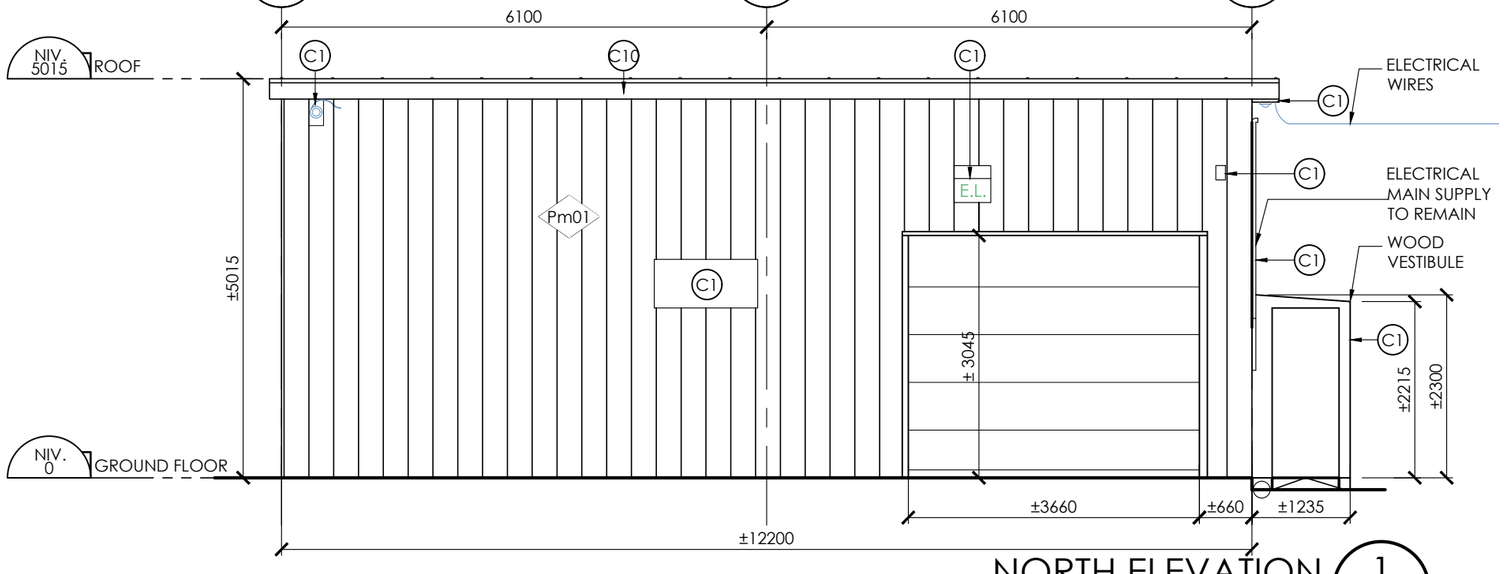
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR STRINGERS
- C10 METAL FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)



EAST ELEVATION 2
1:75 MG-A501



NORTH ELEVATION 1
1:75 MG-A501

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants
STRUCTURAL ENGINEERS
SNC·LAVALIN
CLIENT
Parcs Canada Parks Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELEVATIONS - CONSTRUCTION

SCALE
1:75

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A501

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - CONSTRUCTION

- EXISTING FENCE
- E.L. EXISTING EXTERIOR LIGHTING
- N.L. EXTERIOR LIGHTING
- M ELECTRIC METER

MATERIAL LEGEND:

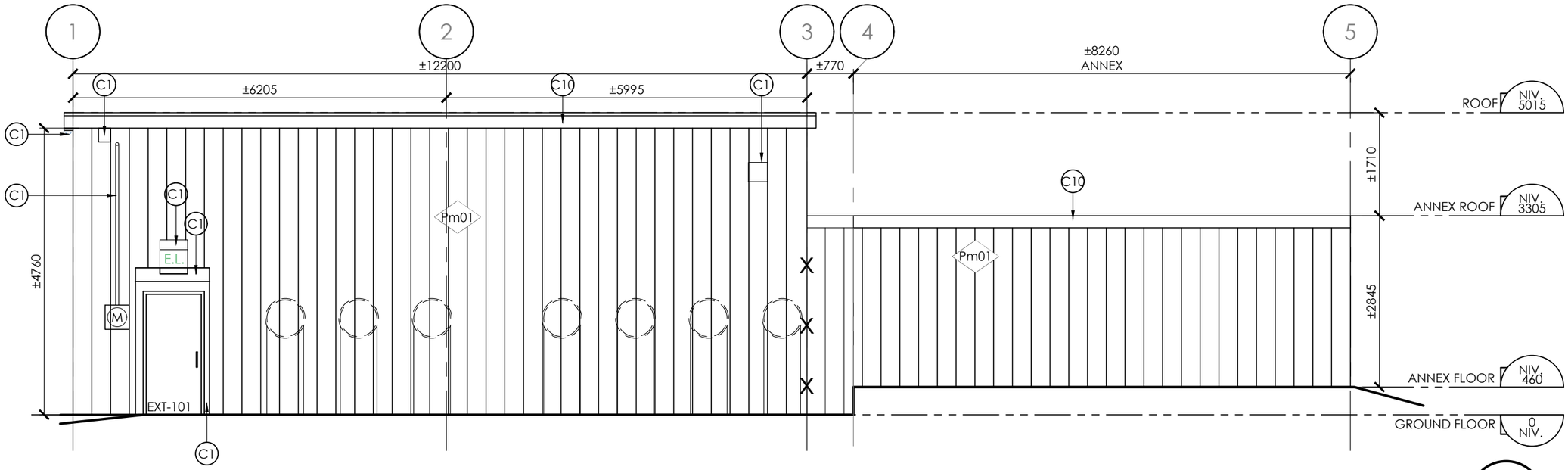
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pm01 METAL CLADDING
- Pw01 PAINTED PLYWOOD
- Sm01 METAL FLASHING
- Pm02 EXISTING METAL CLADDING TO PRESERVE

GENERAL CONSTRUCTION NOTES:

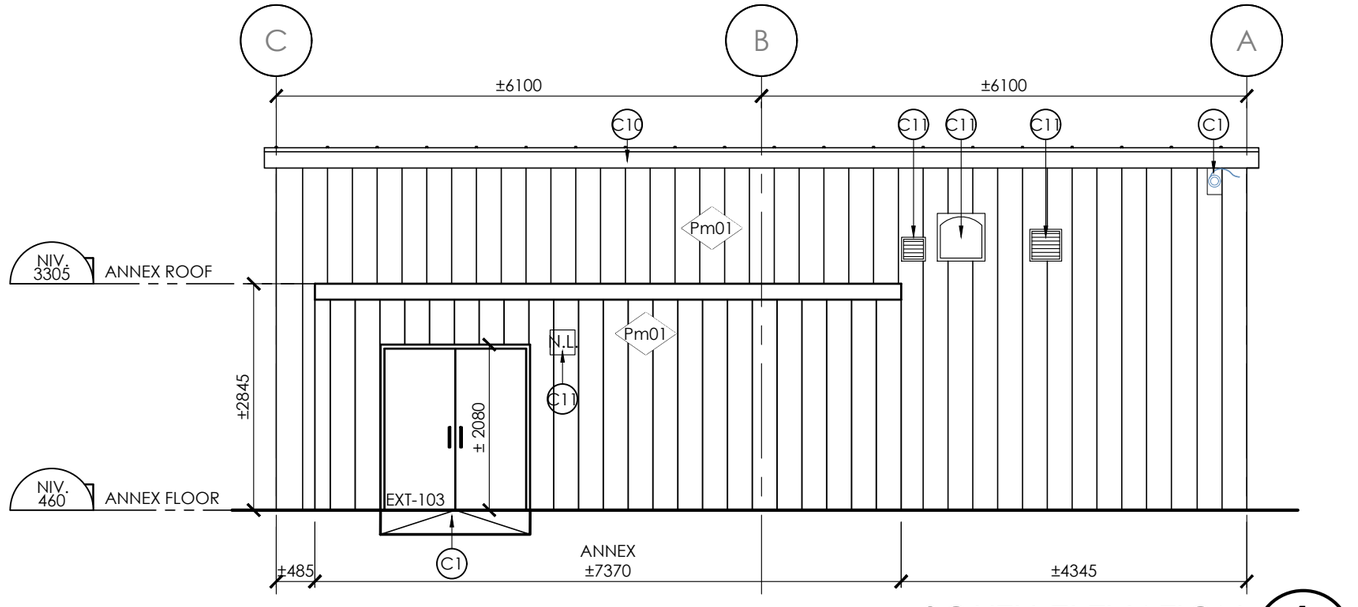
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALLED AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR STRINGERS
- C10 METAL FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)



WEST ELEVATION 2
1:75 MG-A502



SOUTH ELEVATION 1
1:75 MG-A502

ARCHITECTS Ædifica
MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants
STRUCTURAL ENGINEERS SNC·LAVALIN
CLIENT Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELEVATIONS - CONSTRUCTION

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A502

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- INTERIOR DOOR (100 TYP. 1015 TYP.)
- EXIT SIGN

MATERIAL LEGEND:

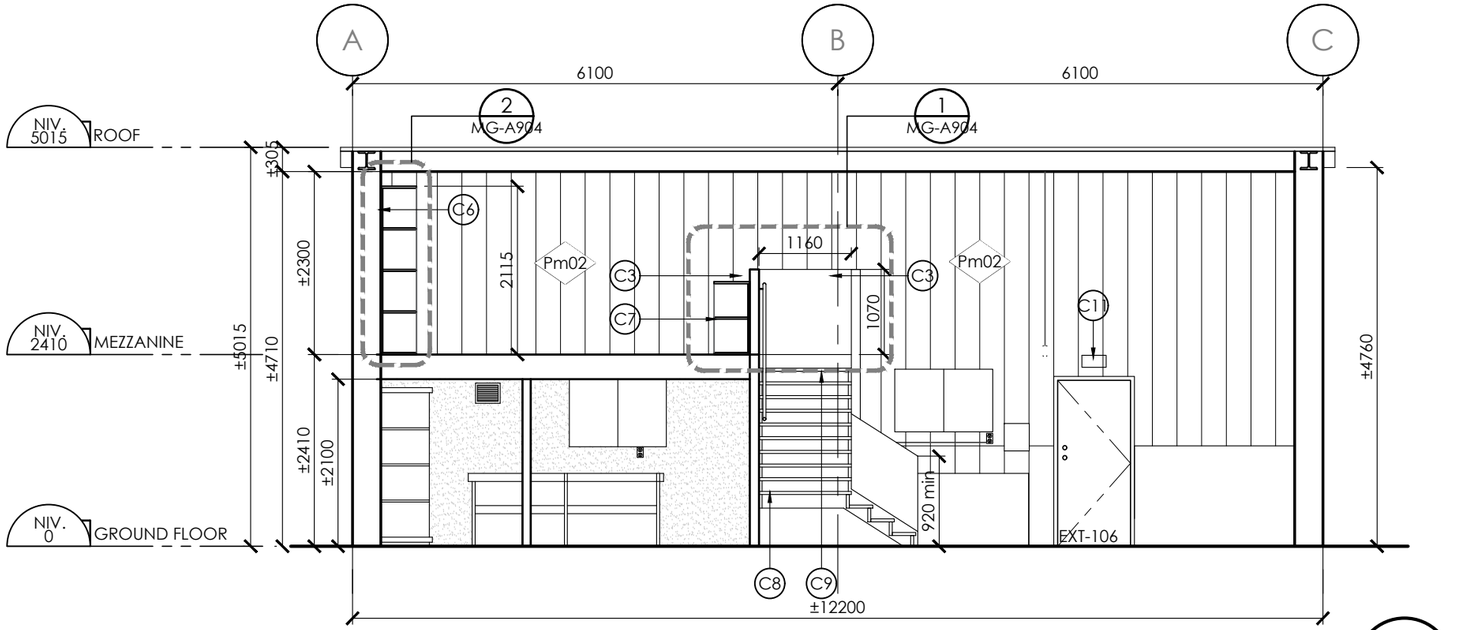
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

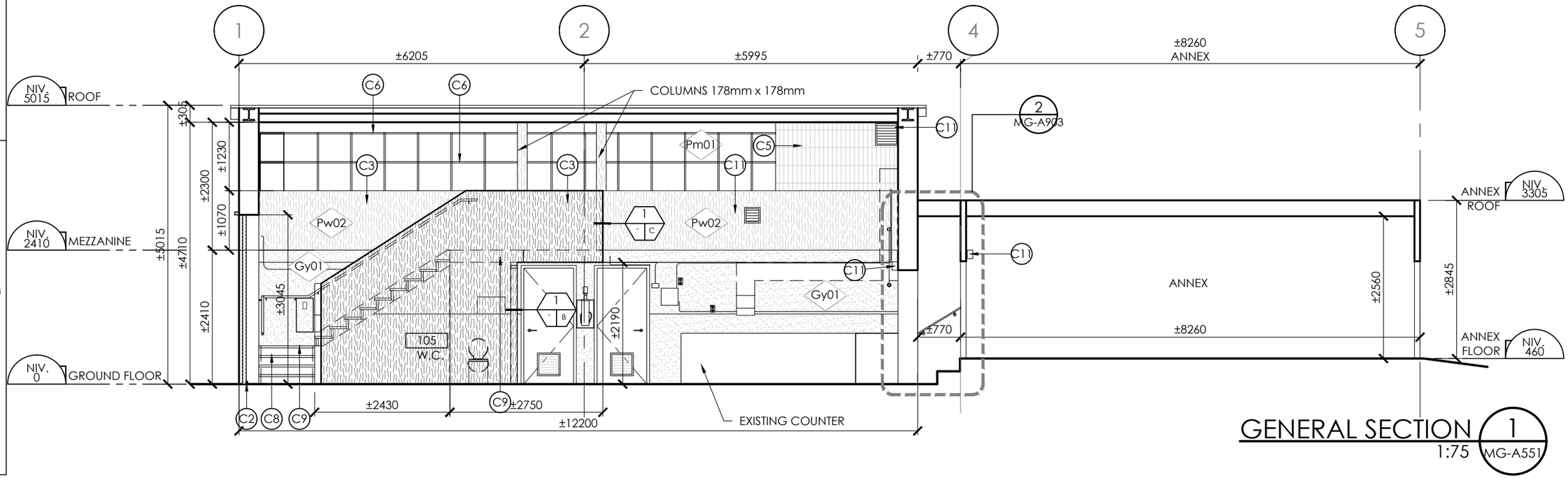
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



GENERAL SECTION 1
1:75 MG-A551



GENERAL SECTION 1
1:75 MG-A551

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
GENERAL SECTIONS - CONSTRUCTION

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A551

SEAL

LEGEND - CONSTRUCTION

EXISTING TO REMAIN

GUARDRAIL H=1070mm

EXISTING DOOR TO REMAIN

DOUBLE DOOR

SIMPLE DOOR

100 TYP. 1015 TYP.

INTERIOR DOOR

EXIT SIGN

MATERIAL LEGEND:

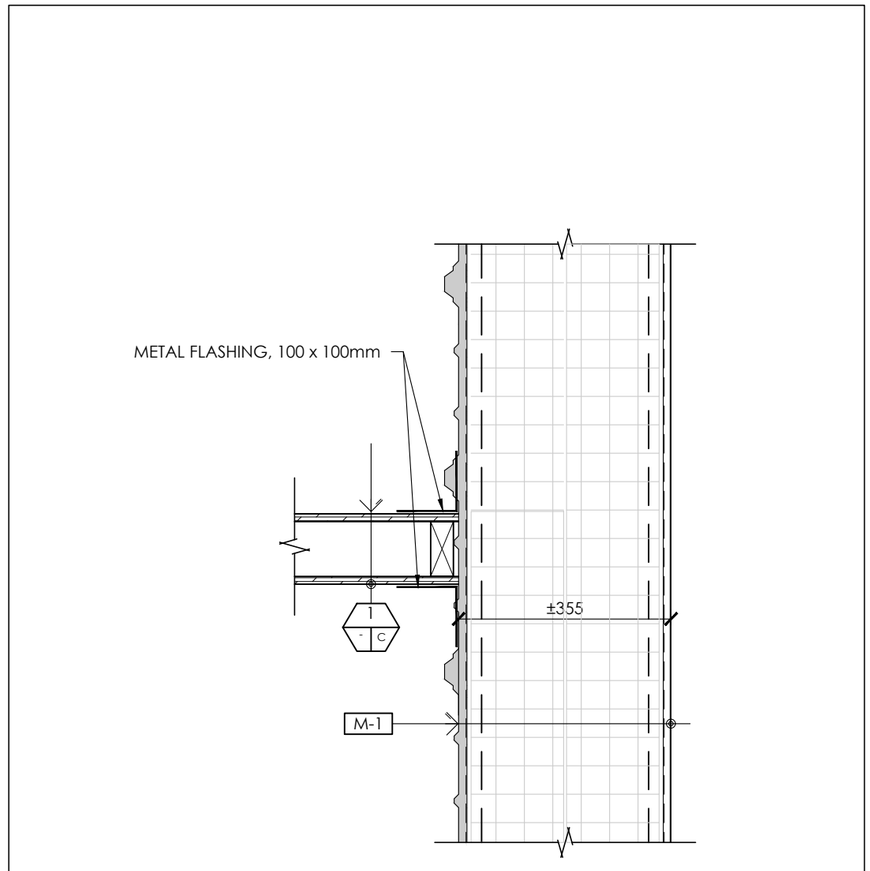
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

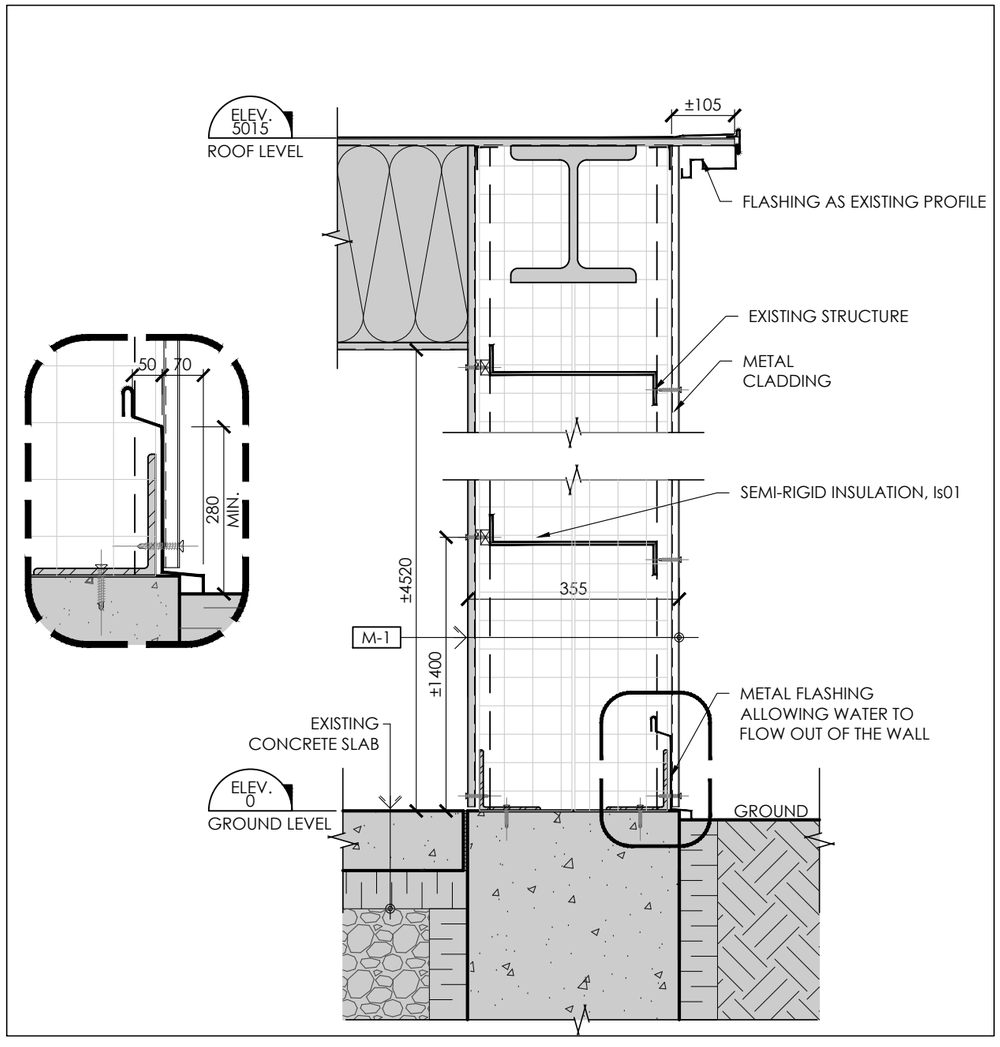
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



GARAGE WALL DETAIL SECTION 2
1:10 MG-A651



GARAGE WALL DETAIL SECTION 1
1:10 MG-A651

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
CONSTRUCTION DETAIL - SECTION

SCALE
1:10

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A651

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- 100 TYP. 1015 TYP. INTERIOR DOOR
- EXIT SIGN

MATERIAL LEGEND:

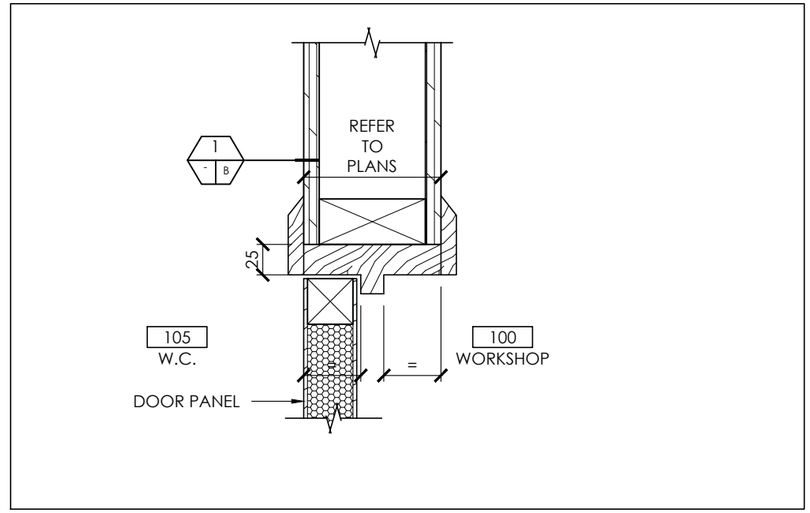
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

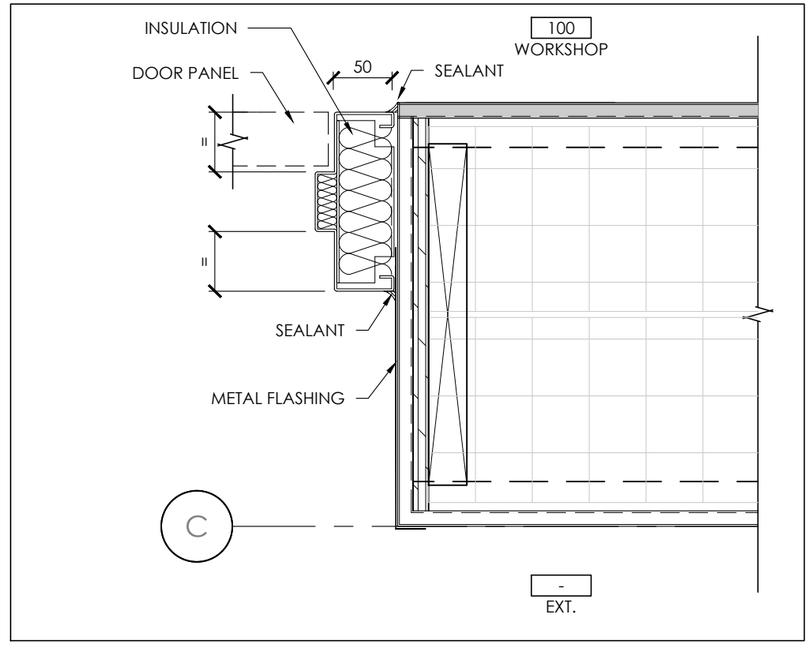
SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



INTERIOR DOOR PLAN DETAIL 2

1:5 MG-A652



EXTERIOR DOOR PLAN DETAIL 1

1:5 MG-A652

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING

MAINTENANCE GARAGE
CONSTRUCTION DETAIL - SECTION

SCALE 1:10

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A652

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- INTERIOR DOOR (100 TYP. / 1015 TYP. / XXX-000)
- EXIT SIGN

MATERIAL LEGEND:

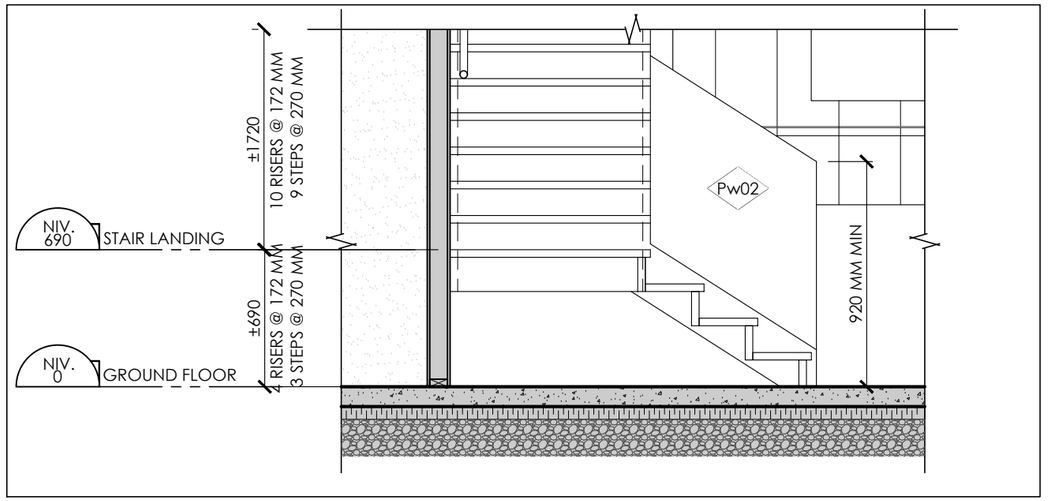
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

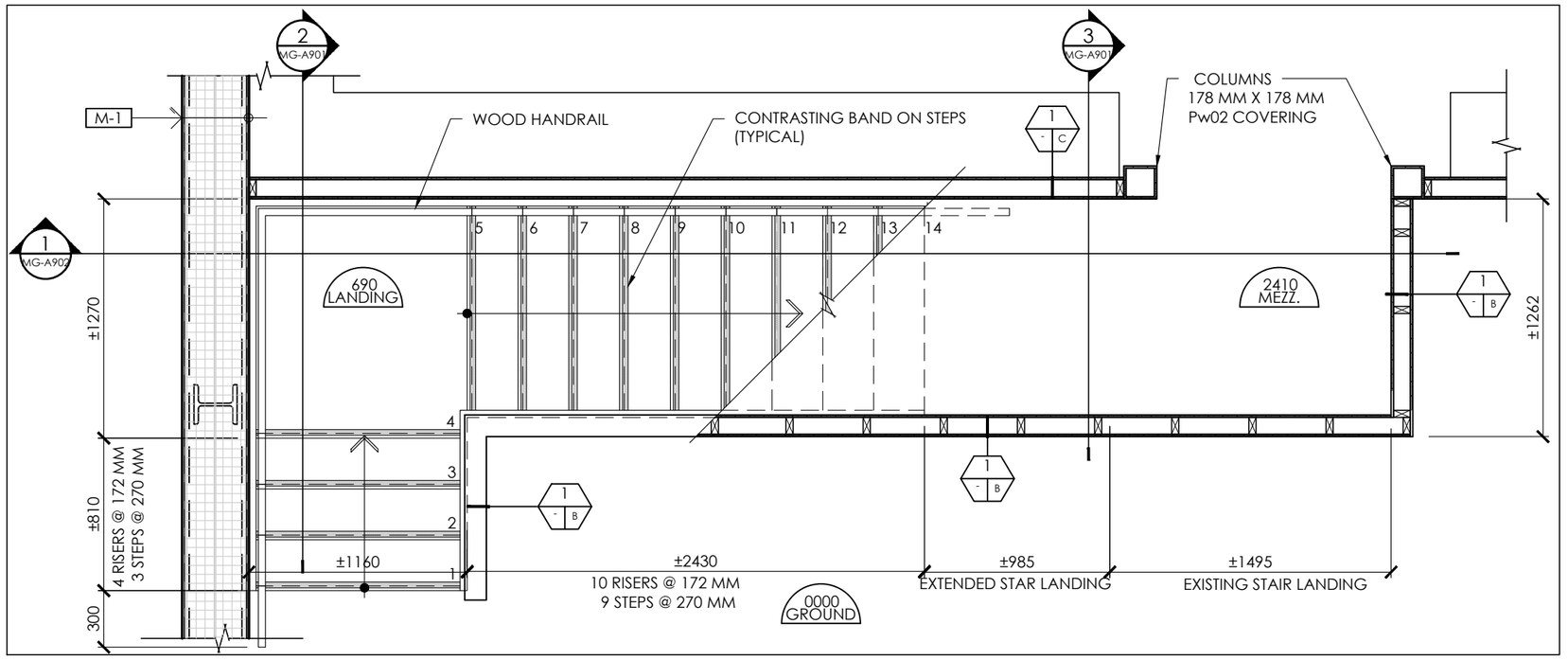
SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



NEW STAIR SECTION DETAIL 2

1:30 MG-A901



NEW STAIR PLAN 1

1:30 MG-A901

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada / Parks Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
INTERIOR DETAIL

SCALE INDICATED

DRAWN BY C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A901

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- 100 TYP. 1015 TYP. INTERIOR DOOR
- EXIT SIGN

MATERIAL LEGEND:

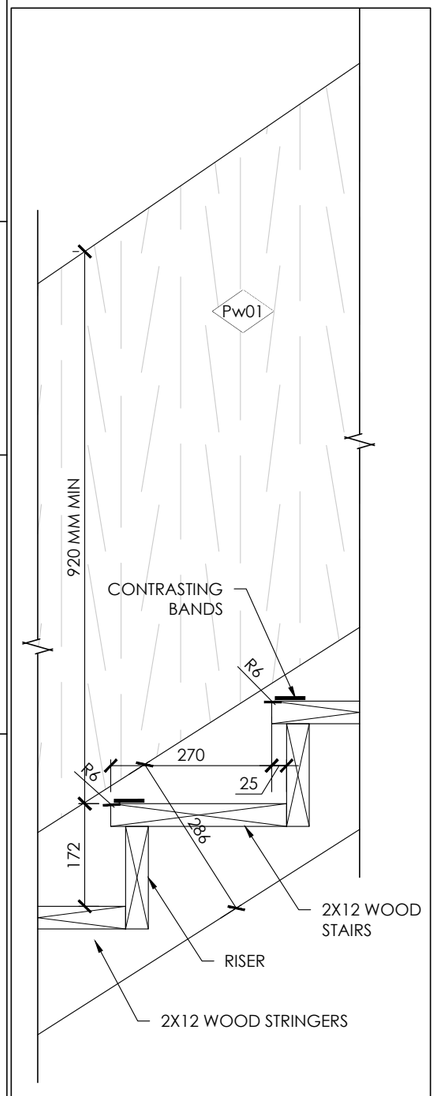
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

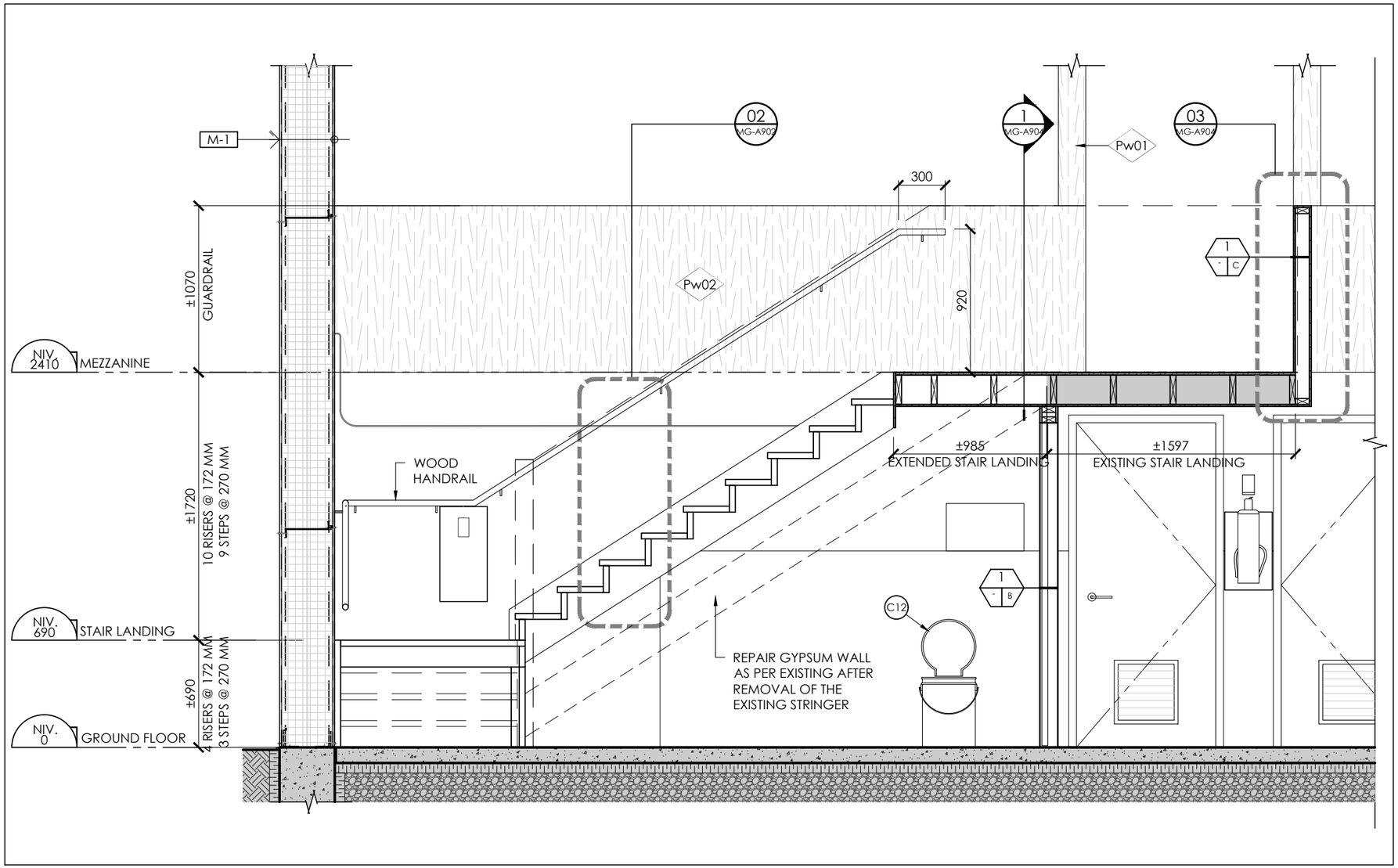
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



NEW STAIR SECTION DETAIL 2 — 1:10 — MG-A902



NEW STAIR SECTION DETAIL 1 — 1:30 — MG-A902

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
INTERIOR DETAIL

SCALE INDICATED

DRAWN BY C.P./E.P./S.P.

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE MG-A902

SEAL

LEGEND - CONSTRUCTION

EXISTING TO REMAIN

GUARDRAIL H=1070mm

EXISTING DOOR TO REMAIN

DOUBLE DOOR

SIMPLE DOOR

100 TYP. 1015 TYP.

INTERIOR DOOR

EXIT SIGN

MATERIAL LEGEND:

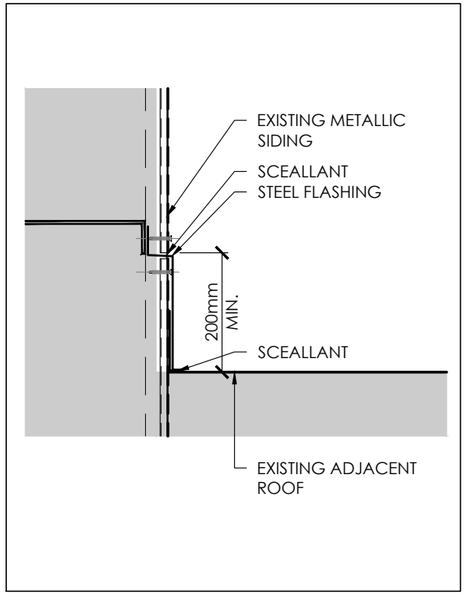
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

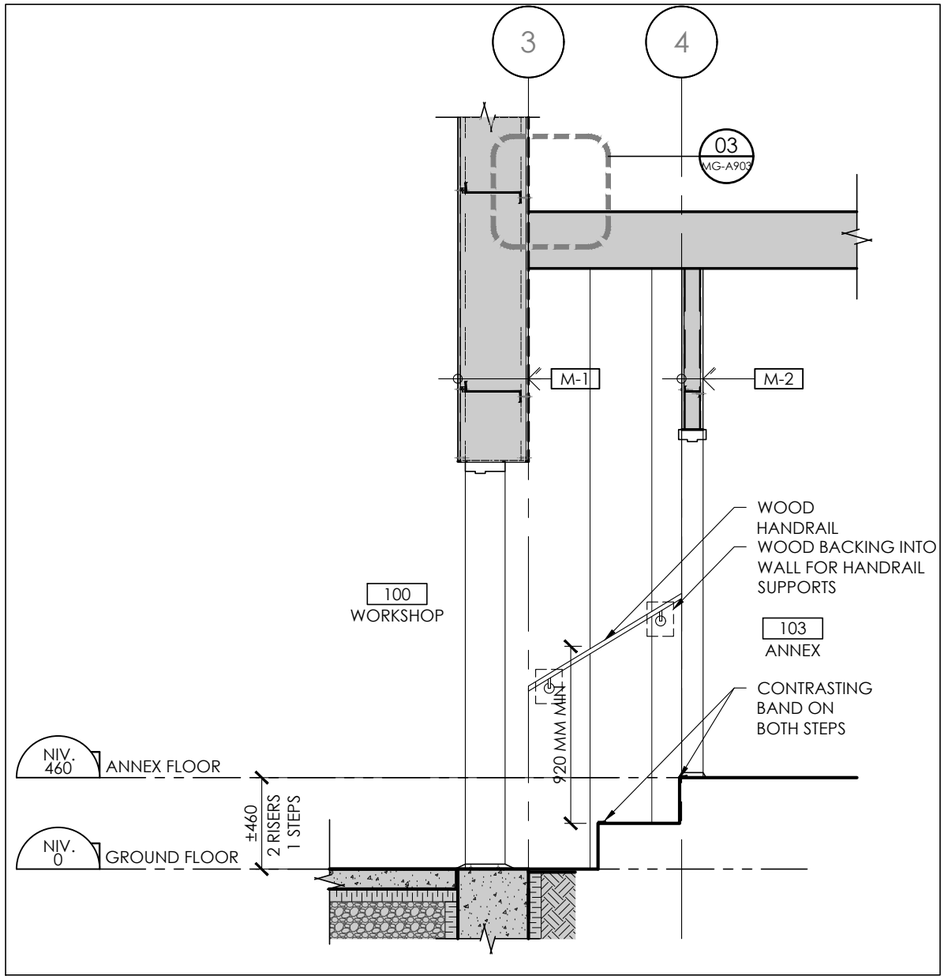
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

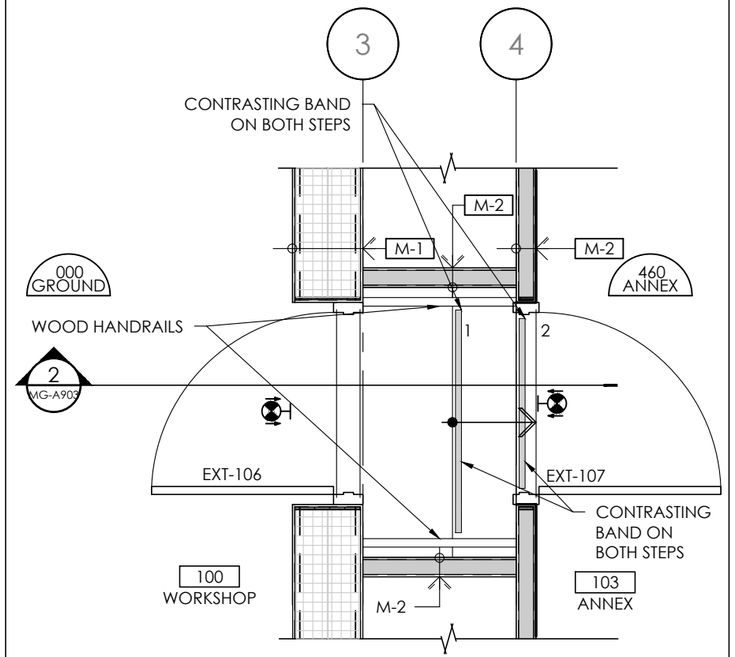
- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



ROOF JUNCTION DETAIL 3
1:10 MG-A903



STAIR SECTION DETAIL 2
1:30 MG-A903



STAIR PLAN DETAIL 1
1:30 MG-A903

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
INTERIOR DETAIL

SCALE
INDICATED

DRAWN BY
C.P./E.P./S.P.

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A903

SEAL

LEGEND - CONSTRUCTION

- EXISTING TO REMAIN
- GUARDRAIL H=1070mm
- EXISTING DOOR TO REMAIN
- DOUBLE DOOR
- SIMPLE DOOR
- INTERIOR DOOR (100 TYP. 1015 TYP. XXX-XXX)
- EXIT SIGN

MATERIAL LEGEND:

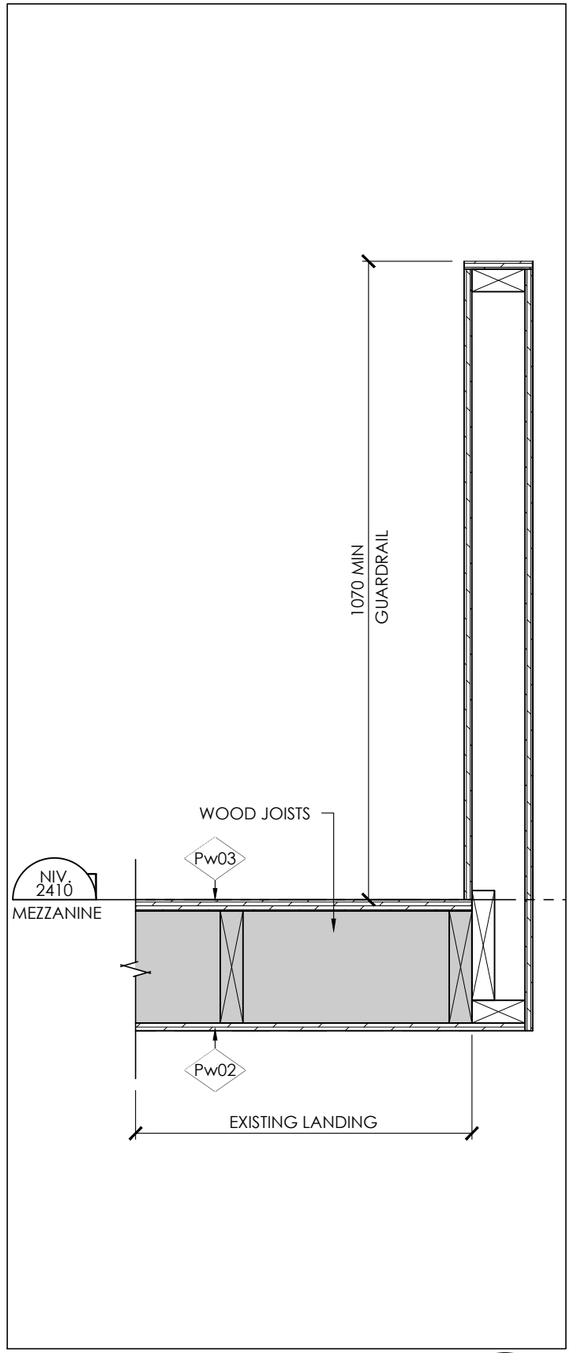
- Pa01 PAINTED WOOD FLOOR
- Ep01 EPOXY FLOOR
- Pw01 PAINTED PLYWOOD 16 mm
- Pw02 PAINTED PLYWOOD 12,7 mm
- Pm01 METAL CLADDING
- Pm02 EXISTING METAL CLADDING TO PRESERVE
- Gy01 EXISTING GYPSUM TO PAINT

GENERAL CONSTRUCTION NOTES:

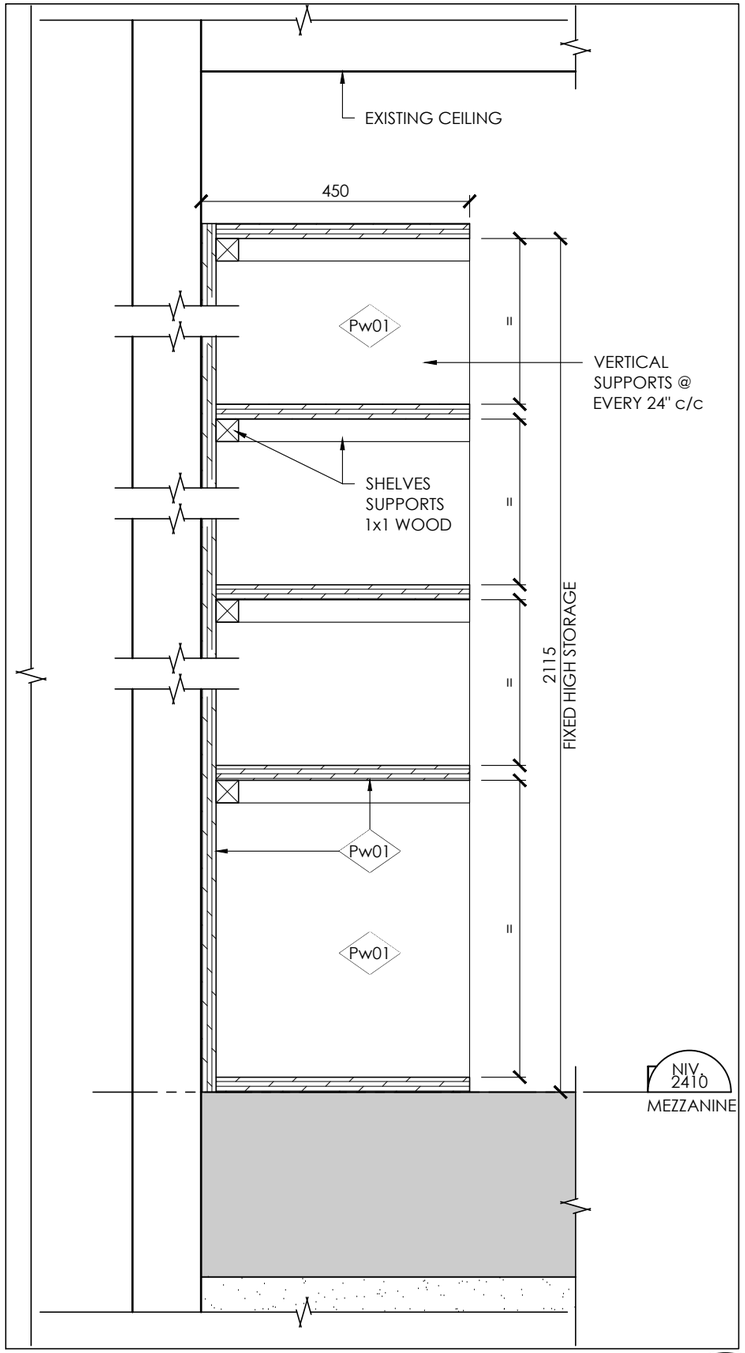
1. FOLLOWING THE DEMOLITION WORK, ENSURE THE ADJACENT SURFACES REPARATION (FLOORS, WALLS, PARTITIONS, CEILING AND OTHERS).
2. PROVIDE AND INSTALL THE SOLID BACKING NECESSARY FOR THE INSTALLATION OF THE FOLLOWING COMPONENTS : SANITARY ACCESSORIES, INTEGRATED FURNITURE, ETC.
3. APPLY AN APPROPRIATE SEALANT TO ALL THE JOINTS OF WALLS OF DIFFERENTS TYPES, WHETHER IN THE SAME PLAN OR INTO TWO PERPENDICULAR PLANS, TO ENSURE THE COMPLETE INTEGRITY OF THE WALL BETWEEN THEM.

SPECIFIC CONSTRUCTION NOTES:

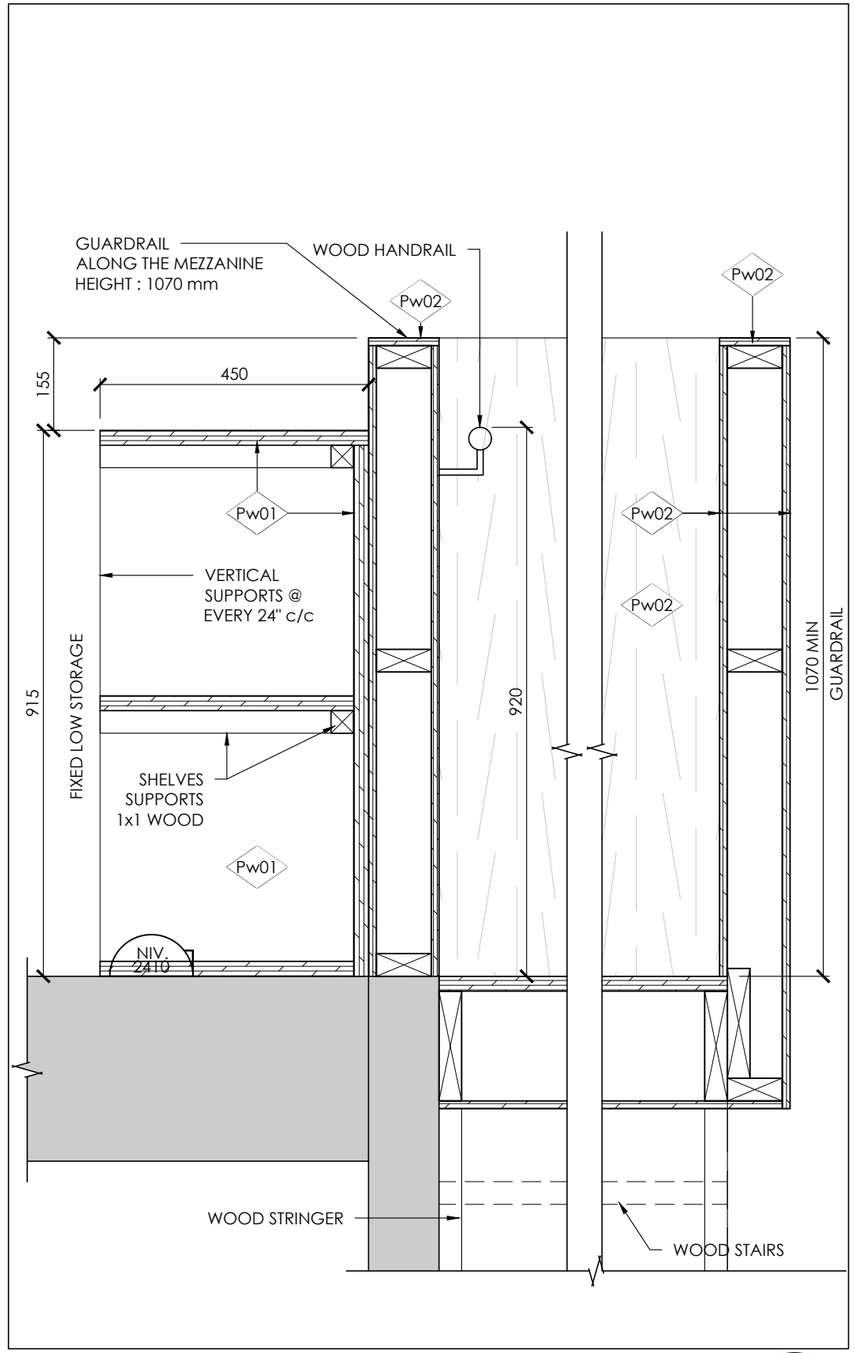
- C1 ITEM TO BE REMOVED BEFORE WORK AND REINSTALL AFTER
- C2 WEATHERSTRIP (COLD CUTTER) : PVC EXTRUSION FOR DOOR 44mm, RUBBER 121 MM.
- C3 GUARDRAIL ALONG THE MEZZANINE. HEIGHT: 1070 mm
- C4 CEILING TO BE REPAIRED AND REPAINTED
- C5 CHAINED FENCE
- C6 FIXED HIGH STORAGE. HEIGHT : 2115 mm - DÉTAIL 1/MG-A904
- C7 FIXED LOW STORAGE. HEIGHT : 915 mm - DÉTAIL 2/MG-A904
- C8 WOOD STAIR
- C9 STAIR BEARING
- C10 METALLIC FLASHING TO BE REINSTALLED
- C11 MECHANICAL EQUIPMENT (SEE MECHANICAL)
- C12 PORTABLE BUCKET TOILET
- C13 FIRE-PROOF CABINETS
- C14 REPAIR BY RESSING AND REPAINT EXPLORATORY OPENING IN WALL



HANDRAIL DETAIL 3
1:10 MG-A904



FIXED HIGH STORAGE SECTION DETAIL 2
1:10 MG-A904



NEW STAIR SECTION DETAIL 1
1:10 MG-A904

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada / Parks Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
INTERIOR DETAIL

SCALE
INDICATED

DRAWN BY
C.P./E.P./S.P.

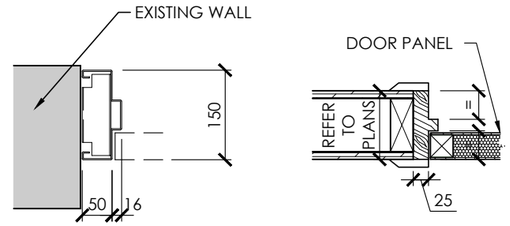
ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 100%	2019-01-25
02	ISSUED FOR TENDER	2019-02-08
03		
04		

PAGE
MG-A904

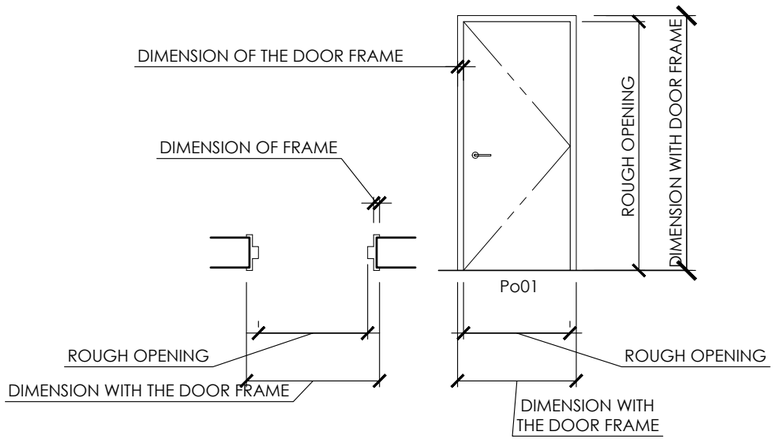
SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE



FRAME TYPE Fr01

FRAME TYPE Fr02



FINISHES SCHEDULE

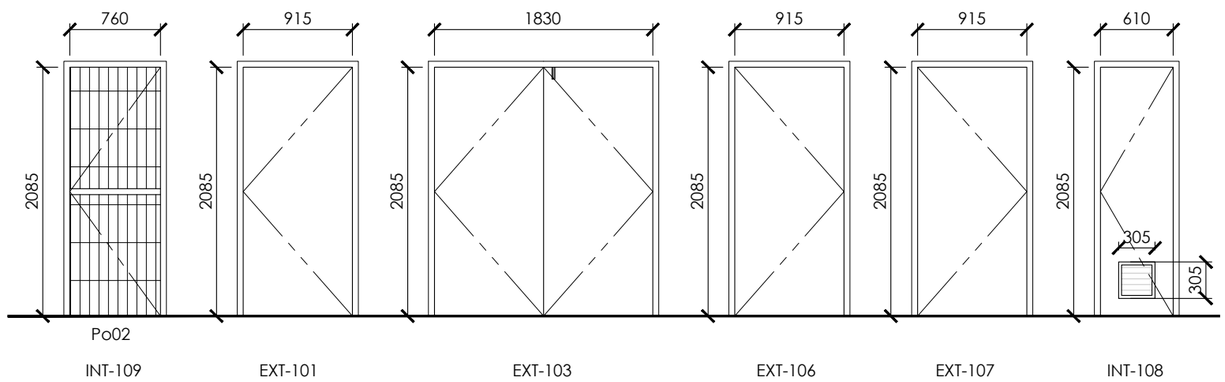
LOCAL #	LOCAL NAME	FLOOR	WALL	CEILING
100	WORKSHOP	TIGER DRYLAC, POWDER COATING, RAL 7038	BENJAMIN MOORE, 2137-50	-
101	GENERAL WORKS	EXISTING FLOOR	EXISTING GYPSUM	PAINTED GYPSUM, BENJ. MOORE, 2121-70
102	WARDEN SERVICES	EXISTING FLOOR	EXISTING GYPSUM	EXISTING GYPSUM
103	ANNEX	WOOD FLOOR PAINTING	EXISTING GYPSUM	EXISTING GYPSUM
104	MEZZANINE	EXISTING FLOOR	EXISTING GYPSUM	EXISTING GYPSUM
105	W.C.	TIGER DRYLAC, POWDER COATING, RAL 7038	BENJAMIN MOORE, 2137-50	-
-	STAIRCASE / GUARDRAIL AND HANDRAIL	WOOD FLOOR PAINTING	BENJAMIN MOORE, 2137-50	-

DOOR AND FRAME SCHEDULE

DOOR #	ACTION		DOOR			DIMENSIONS		FRAMES					HARDWARE GROUP	FIRE RATING ULC	NOTES
	FROM	TO	TYPE	MAT.	FINISH	WIDTH	HEIGHT	MAT.	FINISH	TYP.	PROFIL	DIM.			
EXT-101	EXT	100	Po01	STL	Pa	915	2085	STL/WO	Pa	Fr01	-	1015x2135	03	-	EXTERIOR INSULATED EXIT DOOR - LOCKABLE
EXT-103	103	EXT	Po01	STL	Pa	915	2085	STL	Pa	Fr01	-	1930x2135	01	-	EXTERIOR INSULATED EXIT DOOR - ANTI VANDAL
EXT-106	100	103	Po01	STL	Pa	915	2085	STL	Pa	Fr01	-	1015x2135	02	-	EXTERIOR INSULATED DOOR
EXT-107	100	103	Po01	STL	Pa	915	2085	STL	Pa	Fr01	-	1015x2135	02	-	EXTERIOR INSULATED DOOR
INT-108	100	105	Po01	WO	Pa	610	2085	WO	Pa	Fr02	-	710x2135	04	-	WOODEN INTERIOR DOOR
INT-109	104	-	Po02	STL	Pa	760	2085	STL	Pa	-	-	860x2135	-	-	

STL : STEEL WO : WOOD Pa: PAIN FINISH

DOOR ELEVATIONS



HARDWARE GROUPS

FOR HARDWARE GROUPS REFER TO THE SPECIFICATIONS SECTION *087100 - DOOR HARDWARE*

MATERIALS AND FINISHES

ALL DOORS AND FRAMES SHALL BE PROTECTED DURING CONSTRUCTION AND THEN CLEANED, TOUCHED UP AND OIL THE HARDWARE AT THE END OF THE PROJECT. ANY DAMAGES OCCURING DURING OR DUE TO CONSTRUCTION WILL BE REPLACED AND/OR REPAIRED BY THE CONTRATOR.

CONTRACTOR TO PROVIDE ALL DOOR LOCKS KEYED TO THE BUILDING MASTER. COORDINATE WITH THE BUILDING ADMINISTRATION FOR DETAILS.

CONTRACTOR TO REINSTALL ALL HARDWARE AND PROVIDE ANY PIECES TO COMPLETE THE INSTALLATION.

FOR DOOR FRAME DETAILS REFER TO SHEET A-951

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada Parks Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
DOOR AND FRAME SCHEDULE

SCALE
N/A

DRAWN BY
C.P./E.P./S.P.

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -MAINTENANCE GARAGE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-A951

SEAL

MAINTENANCE GARAGE AND FENCE REHABILITATION

MAINTENANCE GARAGE
Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 08TH 2019

DRAWING	ISSUE	DATE
MG-M000 - MECHANICAL TITLE PAGE	03	2019-02-08
MG-M050 - DEMOLITION - MEZZANINE FLOOR PLAN	03	2019-02-08
MG-M100 - GROUND FLOOR PLAN	03	2019-02-08
MG-M110 - MEZZANINE FLOOR PLAN	03	2019-02-08
MG-M400 - MECHANICAL - VENTILATION DIAGRAMS AND CONTROLS	03	2019-02-08

ARCHITECTS

architecture+design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514.844.6611
F 514.844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN
STRUCTURAL
ENGINEERING

CLIENT

Parcs Canada Parks Canada

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

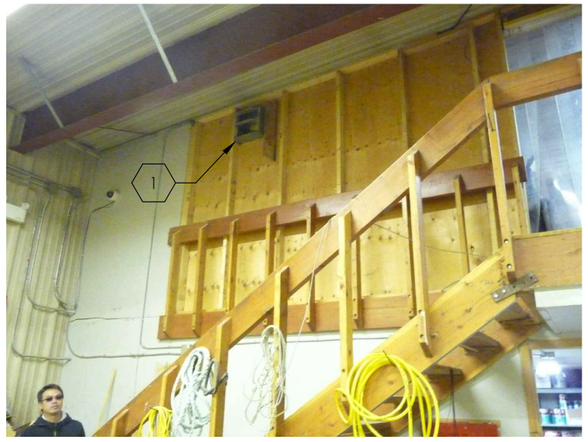
SPECIFIC NOTES:

1. EXISTING FANS TO BE DEMOLISHED.
2. EXISTING DUCT AND DIFFUSER TO BE DEMOLISHED.
3. EXISTING VENTILATION UNIT AND DUCTING TO BE DEMOLISHED.
4. EXISTING FURNACE AND DUCTWORK TO BE KEPT IN PLACE. WALLS OF THE FURNACE ROOM WILL BE DEMOLISHED AS PART OF THE ARCHITECTURAL SCOPE OF WORK. COORDINATE WITH ARCHITECTURAL SCOPE AND PROVIDE TEMPORARY DISMANTLING OF DUCTWORK IF REQUIRED.
5. EXISTING FURNACE EXHAUST TO BE UNISTALLED AND KEPT ASIDE FOR NEW INSTALLATION.

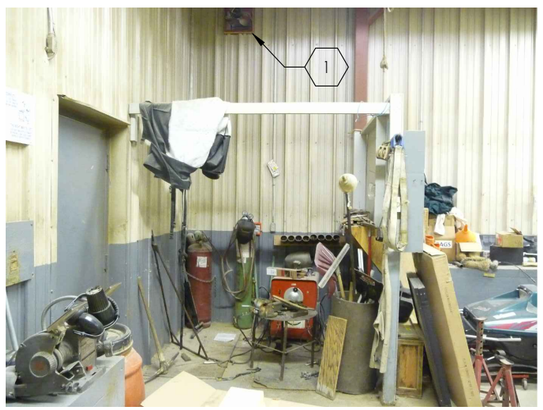
LEGEND

- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
- DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
- DEMOLISHION LIMIT
- FLOW DIRECTION

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.

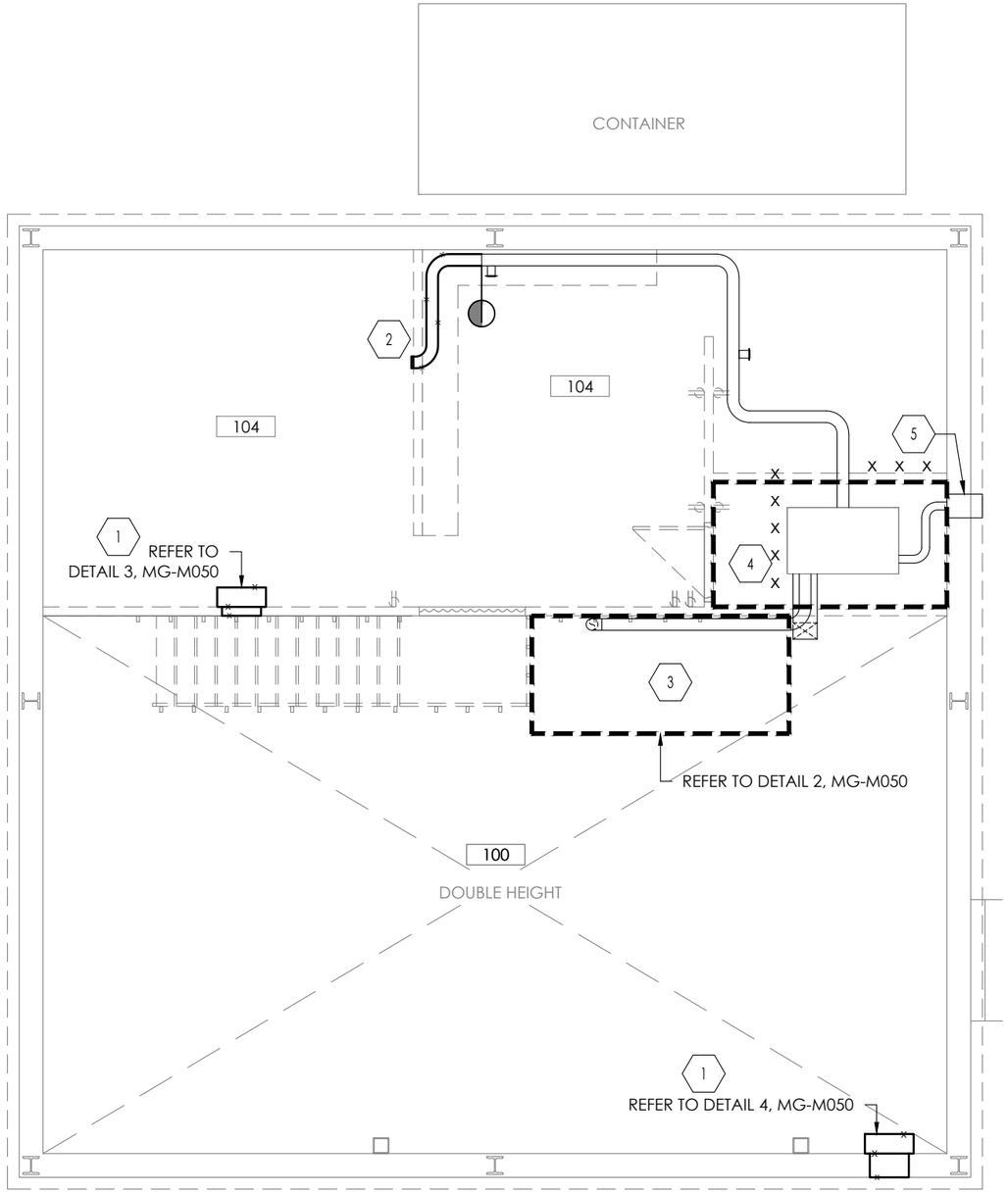


EXISTING FAN TO DEMOLISH 3
NONE MG-M050



EXISTING FAN TO DEMOLISH 4
NONE MG-M050

AIR HANDLING UNIT TO DEMOLISH 2
NONE MG-M050



DEMOLITION - MEZZANINE FLOOR PLAN 1
1:75 MG-M050

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
MECHANICAL
DEMOLITION - MEZZANINE FLOOR PLAN

SCALE 1:75

DRAWN BY D.M.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-M050

SEAL
REGISTERED PROFESSIONAL ENGINEER J. F. PELLETIER LICENSEE NT/NU
2019-02-07

PERMIT TO PRACTICE AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\MAINTENANCE GARAGE\PCAU-MG-M050 - DEMOLITION - MEZZANINE FLOOR PLAN

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

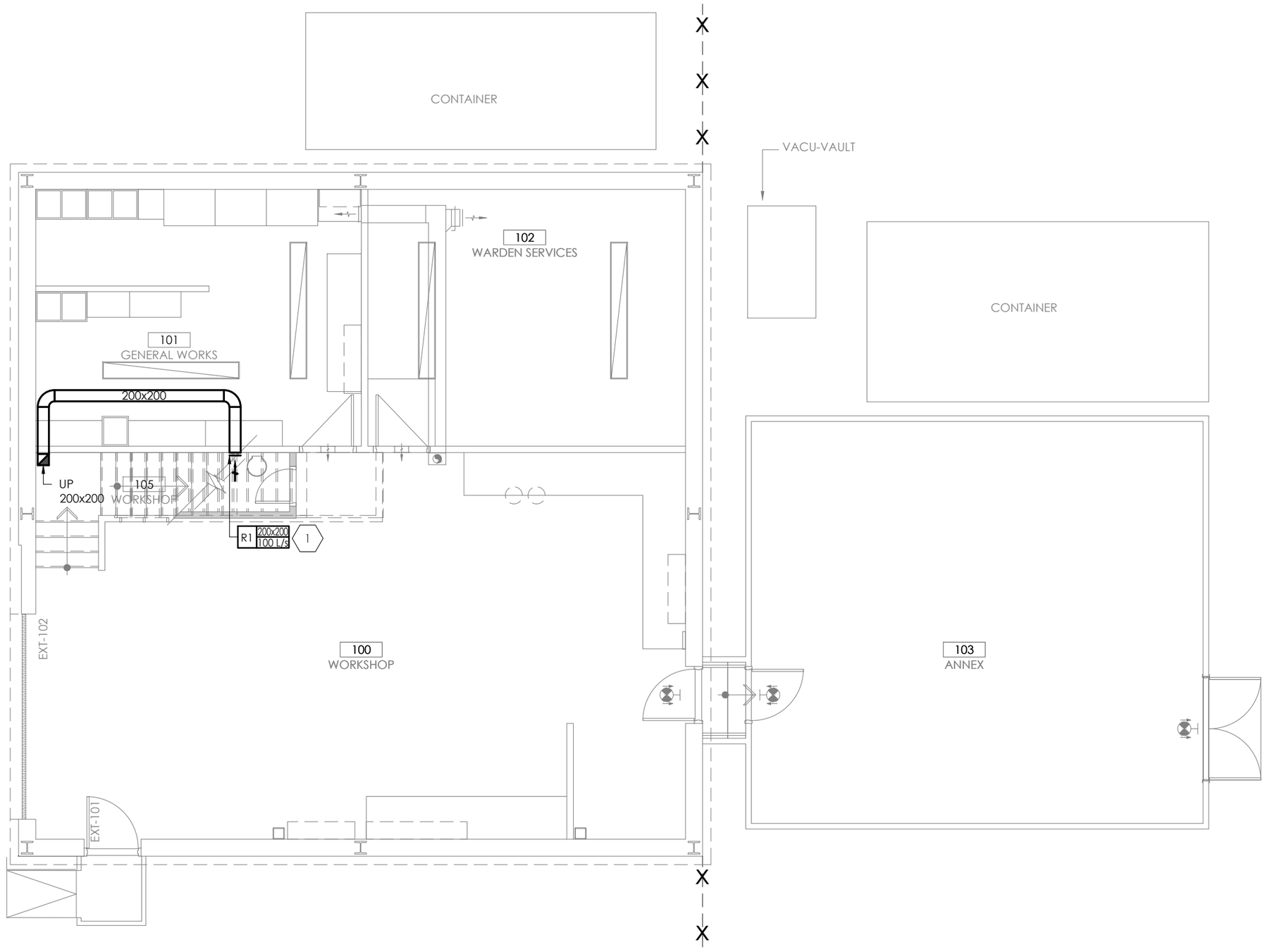
SPECIFIC NOTES:

1 SUPPLY AND INSTALL EXHAUST GRILL, E.H. PRICE, MODEL: 80

LEGEND

- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
- DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
- CONNECTION TO EXISTING
- FLOW DIRECTION
- DOOR TRANSFER GRILL

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



GROUND FLOOR PLAN 1

1:75 MG-M100

ARCHITECTS Ædifica
MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants
STRUCTURAL ENGINEERS SNC·LAVALIN
CLIENT Parcs Canada / Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
MECHANICAL
GROUND FLOOR PLAN

SCALE 1:75

DRAWN BY D.M.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-24
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-M100

SEAL
REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\MAINTENANCE GARAGE\PCAU-MG-M100 - GROUND FLOOR PLAN

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

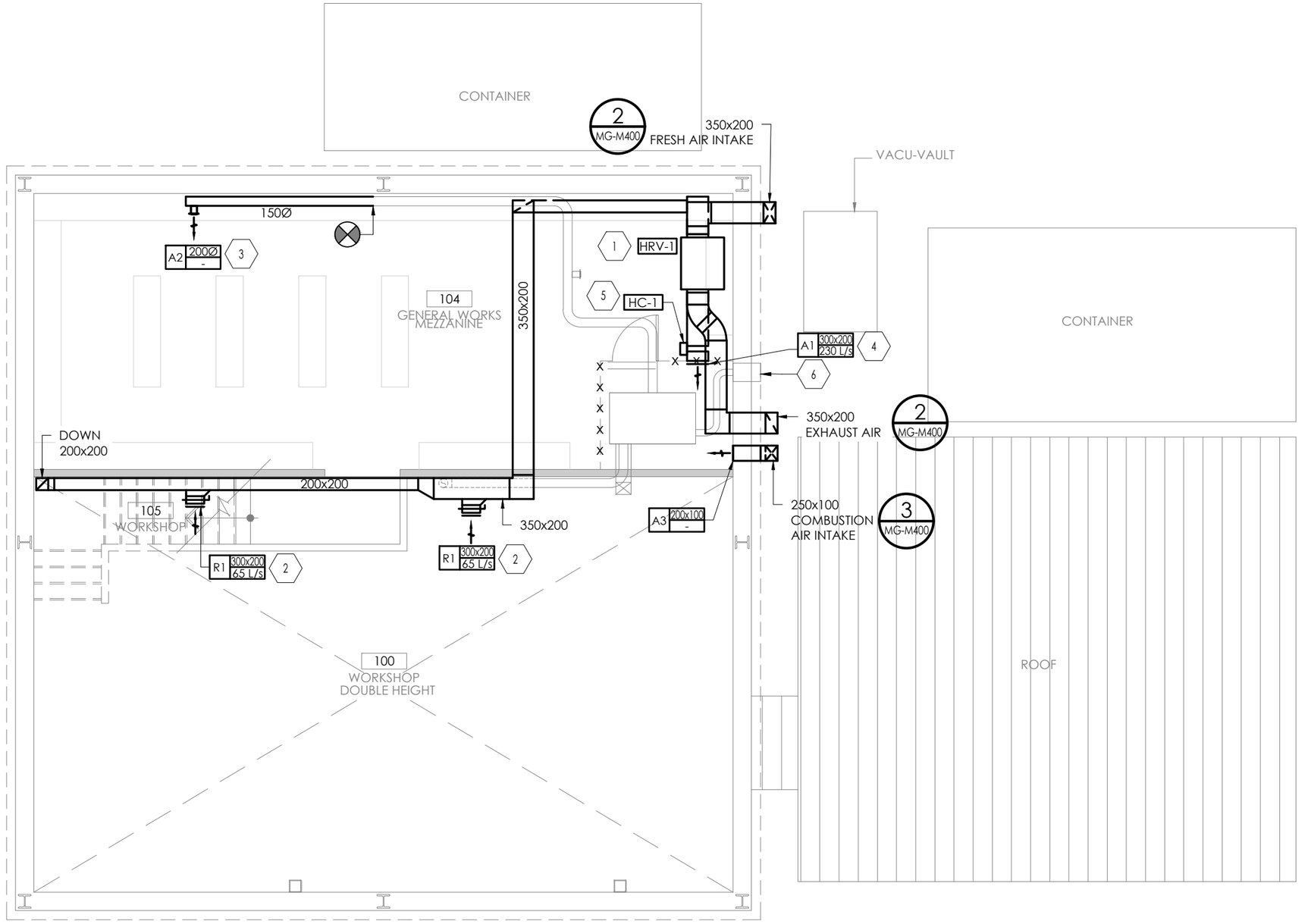
SPECIFIC NOTES:

1. SUPPLY AND INSTALL HEAT EXCHANGER, VENMAR, MODEL: V6LC DARN, RECIRCULATION DEFROST, ALUMINUM CORE, REVERSED (RIGHT-HAND) DOOR.
2. SUPPLY AND INSTALL EXHAUST GRILL, E.H. PRICE, MODEL: 80
3. SUPPLY AND INSTALL DIFFUSER, E.H. PRICE, MODEL: RPD
4. SUPPLY AND INSTALL DIFFUSER, E.H. PRICE, MODEL: 520
5. SUPPLY AND INSTALL AN ELECTRIC HEATING COIL, STELPRO SDHF, 8 kW, 208V/1 PH, C/W CIR-048 CONTROL PANEL, NEMA 12, D070 REMOTE DUCT THERMOSTAT.
6. REINSTALL EXISTING FURNACE EXHAUST.

LEGEND

- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
- DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
- CONNECTION TO EXISTING
- FLOW DIRECTION
- DUCT HEATER

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



MEZZANINE FLOOR PLAN

1:75

1
MG-M110

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
MECHANICAL
MEZZANINE FLOOR PLAN

SCALE
1:75

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\MAINTENANCE GARAGE\PCAU-MG-M110 - MEZZANINE FLOOR PLAN

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-24
03	ISSUED FOR TENDER	2019-02-08

PAGE
MG-M110

SEAL
REGISTERED PROFESSIONAL ENGINEER
J. F. PELLETIER
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

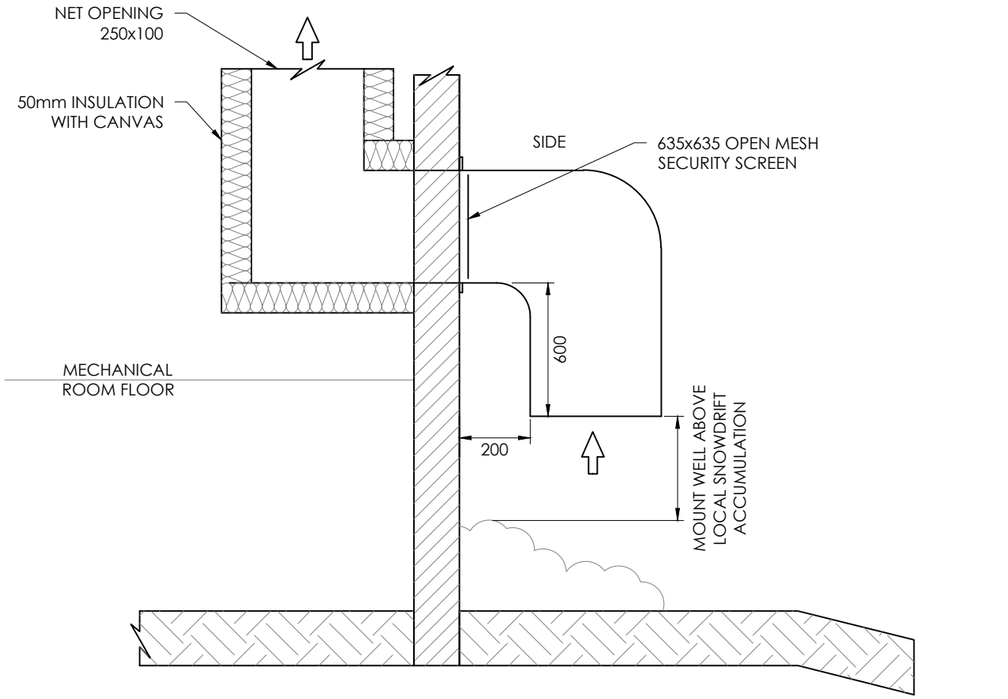
COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

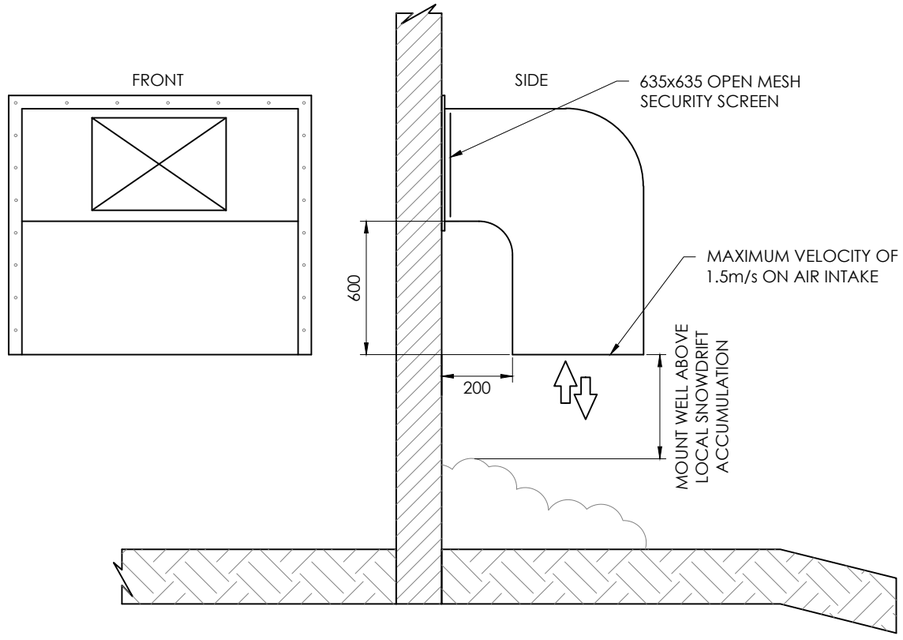
LEGEND

--	EQUIPMENT NUMBER
	DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
	FLOW DIRECTION
	ELECTRIC HEATING COIL
T	TEMPERATURE SENSOR
T	THERMOSTAT

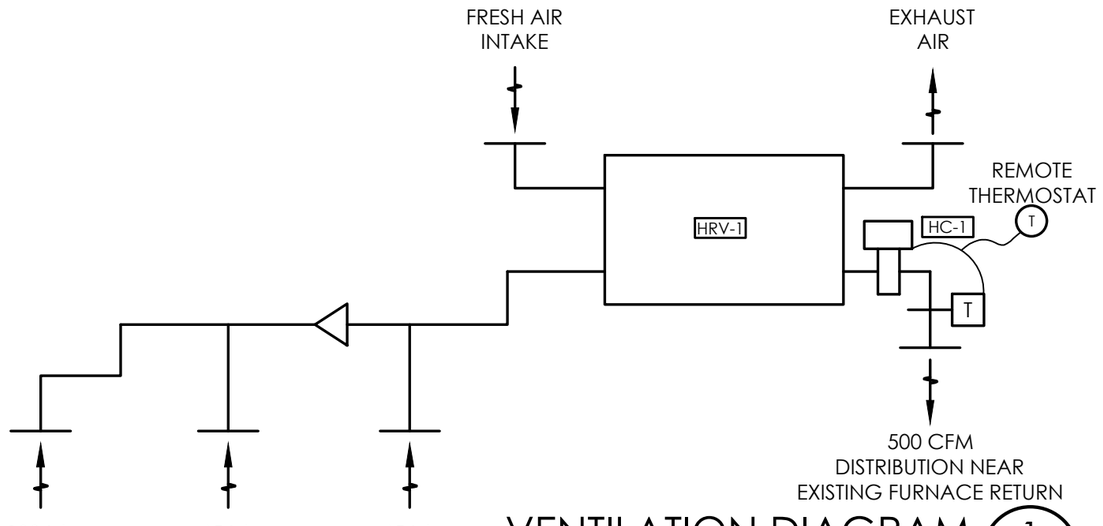
NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



COMBUSTION AIR INTAKE DETAIL 3
NONE MG-M400



INTAKE & EXHAUST HOOD DETAIL 2
NONE MG-M400



VENTILATION DIAGRAM 1
NONE MG-M400

ARCHITECTS Ædifica
MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants
STRUCTURAL ENGINEERS SNC·LAVALIN
CLIENT Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
MECHANICAL
VENTILATION DIAGRAMS AND CONTROLS

SCALE AS SHOWN
DRAWN BY D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\MAINTENANCE GARAGE\PCAU-MG-M400 - VENTILATION DIAGRAM AND CONTROLS

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-24
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-M400

SEAL
REGISTERED PROFESSIONAL ENGINEER J. F. PELLETIER LICENSEE NT/NU
2019-02-07
PERMIT TO PRACTICE AEDIFICA INC. Signature Date 2019-02-07 PERMIT NUMBER: P 1331 NT/NU Association of Professional Engineers and Geoscientists

MAINTENANCE GARAGE AND FENCE REHABILITATION

MAINTENANCE GARAGE
Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 08TH 2019

DRAWING	ISSUE	DATE
MG-E000 - ELECTRICAL - TITLE PAGE	03	2019-02-08
MG-E050 - LIGHTING AND FIRE ALARM - MAIN FLOOR - DEMOLITION	03	2019-02-08
MG-E051 - LIGHTING AND FIRE ALARM - MEZZANINE FLOOR - DEMOLITION	03	2019-02-08
MG-E052 - SERVICES, DATA AND SECURITY - MAIN FLOOR - DEMOLITION	03	2019-02-08
MG-E053 - SERVICES, DATA AND SECURITY - MEZZANINE FLOOR - DEMOLITION	03	2019-02-08
MG-E080 - ELECTRICAL DISTRIBUTION AND PANELS - DEMOLITION	03	2019-02-08
MG-E081 - ELECTRICAL DISTRIBUTION AND PANELS	02	2019-02-08
MG-E100 - LIGHTING AND FIRE ALARM - MAIN FLOOR	03	2019-02-08
MG-E110 - LIGHTING AND FIRE ALARM - MEZZANINE FLOOR	03	2019-02-08
MG-E200 - SERVICES, DATA AND SECURITY - MAIN FLOOR	03	2019-02-08
MG-E210 - SERVICES, DATA AND SECURITY - MEZZANINE FLOOR	03	2019-02-08

ARCHITECTS

architecture + design
Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN STRUCTURAL ENGINEERING

CLIENT

Parcs Canada Parks Canada

LEGEND

	FLUORESCENT 1'x4' (SURFACE / RECESSED)
	EMERGENCY BATTERY AND DOUBLE EMERGENCY LIGHTING
	OUTDOOR UNIT (SURFACE MOUNTED)
	LIGHT SOCKET
	EXIT SIGN ON THE WALL
$	120V SWITCH
	15A DUPLEX RECEPTACLE
F	PULL STATION
SD	SMOKE DETECTOR
	FIRE ALARM BELL
FAP	FIRE ALARM PANEL
	120/208V ELECTRICAL PANEL (SURFACE)
ED	EXISTING TO BE DEMOLISHED
N	NEW
EAR	EXISTING TO BE RELOCATED
ER	EXISTING TO REMAIN
E	EXISTING RETAINED

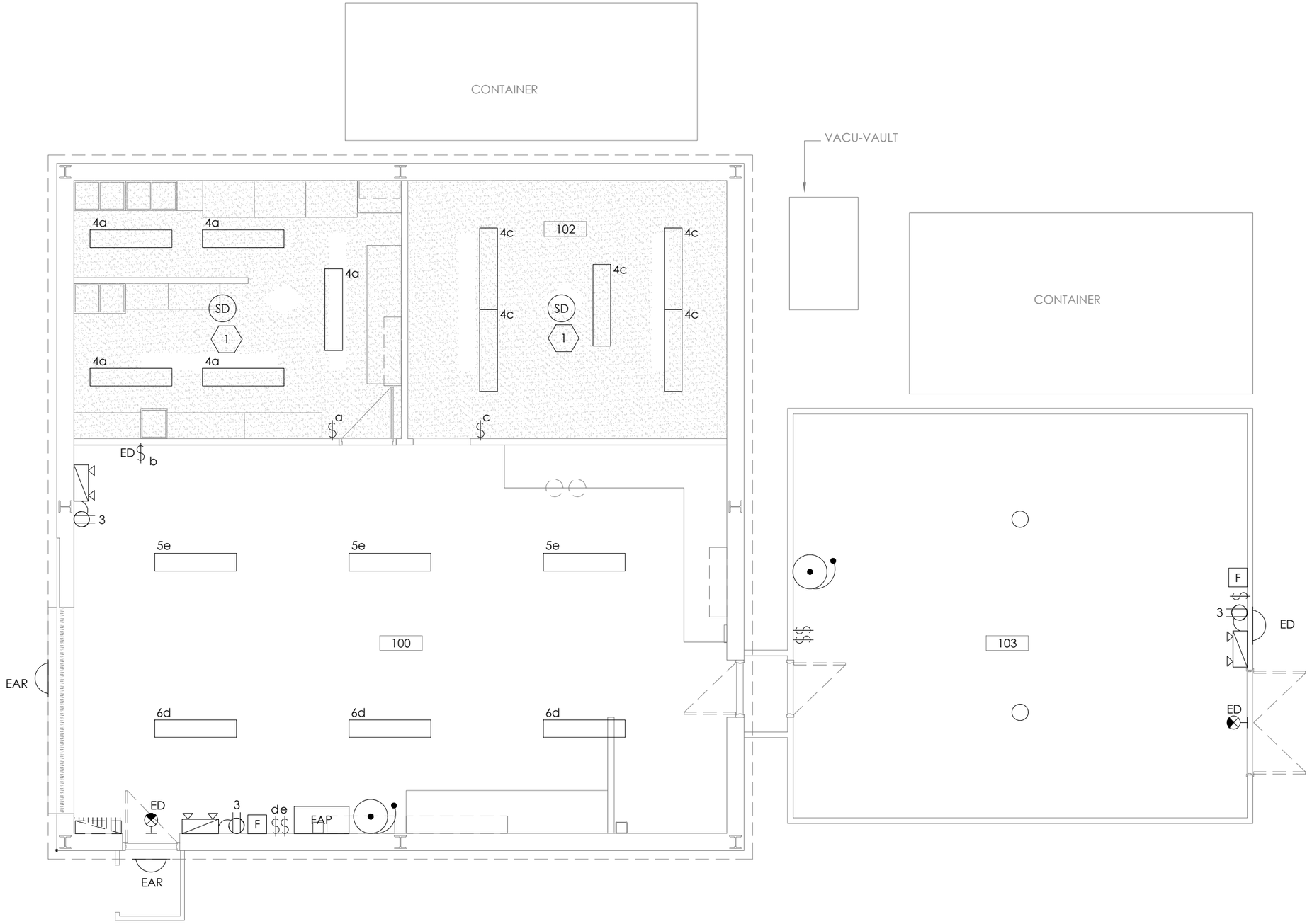
GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

SPECIFIC NOTES:

1 FIRE DETECTOR WIRES AND CONDUIT ARE TO BE DISMANTLED UP TO THE FIRE ALARM PANEL.

VERIFY EXISTING CONDITIONS ON SITE



LIGHTING AND FIRE ALARM - MAIN FLOOR - DEMOLITION

1:75 — 1 / MG-E050

ARCHITECTS Ædifica **MECHANICAL/ELECTRICAL ENGINEERS** Ædifica consultants	**STRUCTURAL ENGINEERS** SNC·LAVALIN	**CLIENT** Parcs Canada	**PROJECT** PCAU-04-02 MAINTENANCE GARAGE AND FENCE REHABILITATION PARKS CANADA PANGNIRTUNG NUNAVUT	**DRAWING** MAINTENANCE GARAGE ELECTRICAL LIGHTING AND FIRE ALARM MAIN FLOOR - DEMOLITION **SCALE** 1:75 **DRAWN BY** P.P.	**ISSUES** No. DESCRIPTION — DATE 01 ISSUED FOR 60% PROGRESS — 2018-12-06 02 ISSUED FOR 100% PROGRESS — 2019-01-25 03 ISSUED FOR TENDER — 2019-02-08	**PAGE** MG-E050	**SEAL** REGISTERED PROFESSIONAL ENGINEER J.P. TCHOUTA LICENSEE 2019/02/08 PERMIT TO PRACTICE AEDIFICA INC. Signature Date 2019-02-08 PERMIT NUMBER: P 1331 NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E050-LIGHTING AND FIRE ALARM - MAIN FLOOR DEMOLITION

LEGEND

	FLUORESCENT 1'x4' (SURFACE / RECESSED)
	EMERGENCY BATTERY AND DOUBLE EMERGENCY LIGHTING
	OUTDOOR UNIT (SURFACE MOUNTED)
	LIGHT SOCKET
	EXIT SIGN ON THE WALL
$	120V SWITCH
	15A DUPLEX RECEPTACLE
F	PULL STATION
SD	SMOKE DETECTOR
	FIRE ALARM BELL
FAP	FIRE ALARM PANEL
	120/208V ELECTRICAL PANEL (SURFACE)
ED	EXISTING TO BE DEMOLISHED
N	NEW
EAR	EXISTING TO BE RELOCATED
ER	EXISTING TO REMAIN
E	EXISTING RETAINED

GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

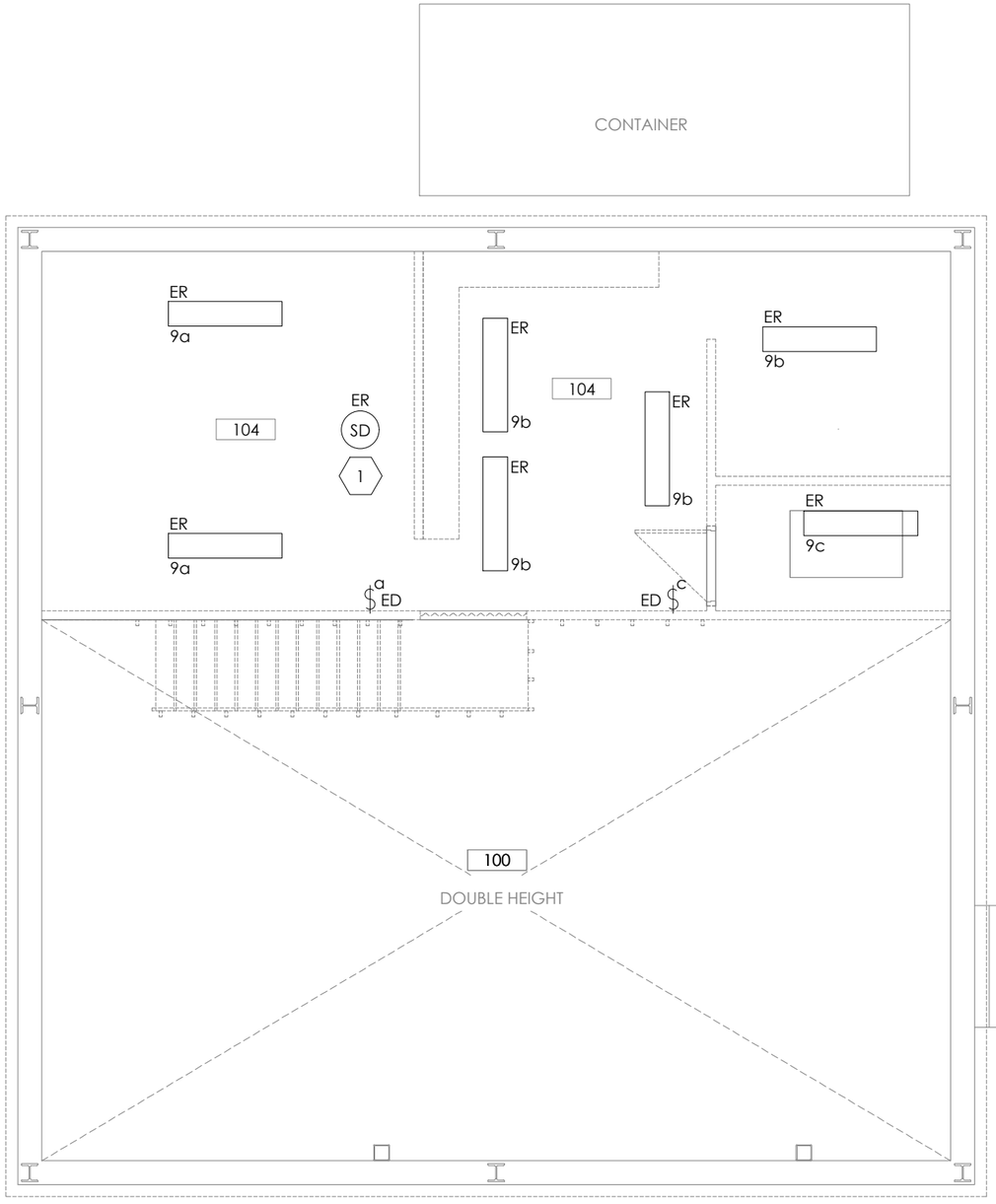
2- ALL LIGHTING FIXTURES ARE TO BE DISCONNECTED UP TO THE ELECTRIC PANEL.

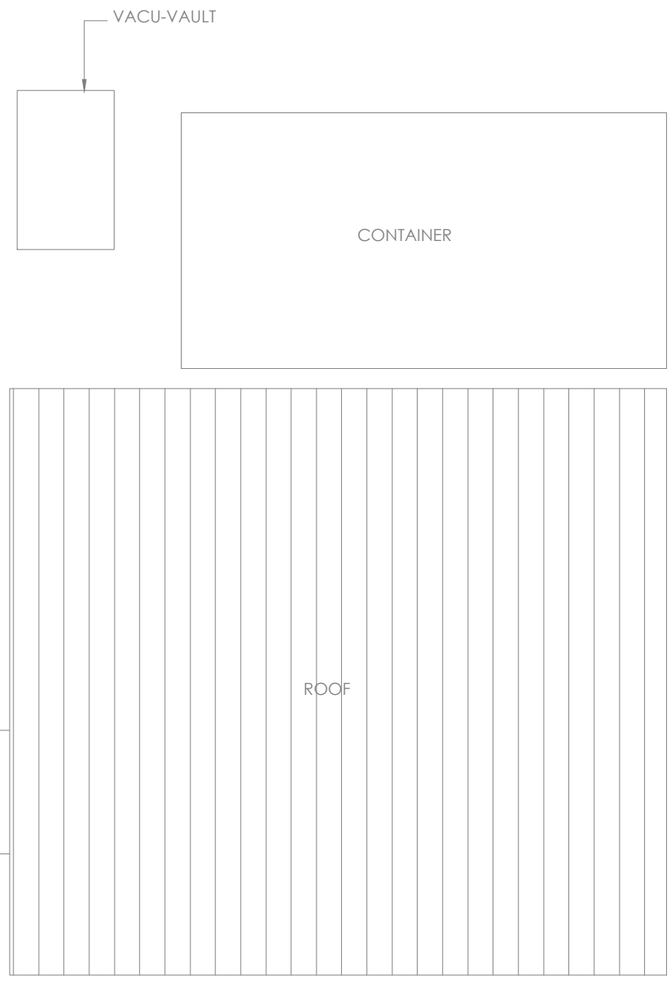
3- ALL LIGHTING FIXTURES CONDUITS AND WIRES ARE TO BE DISMANTLED UP TO THE ELECTRICAL PANEL.

SPECIFIC NOTES:

1 FIRE DETECTOR WIRES AND CONDUIT ARE TO BE DISMANTLED UP TO THE FIRE ALARM PANEL.

VERIFY EXISTING CONDITIONS ON SITE





LIGHTING AND FIRE ALARM - MEZZANINE FLOOR - DEMOLITION

1:75 — 1 / MG-E051

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
LIGHTING AND FIRE ALARM
MEZZANINE FLOOR - DEMOLITION

SCALE 1:75

DRAWN BY P.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E051

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE — NWT/NU
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E051-LIGHTING AND FIRE ALARM - MEZZANINE FLOOR DEMOLITION

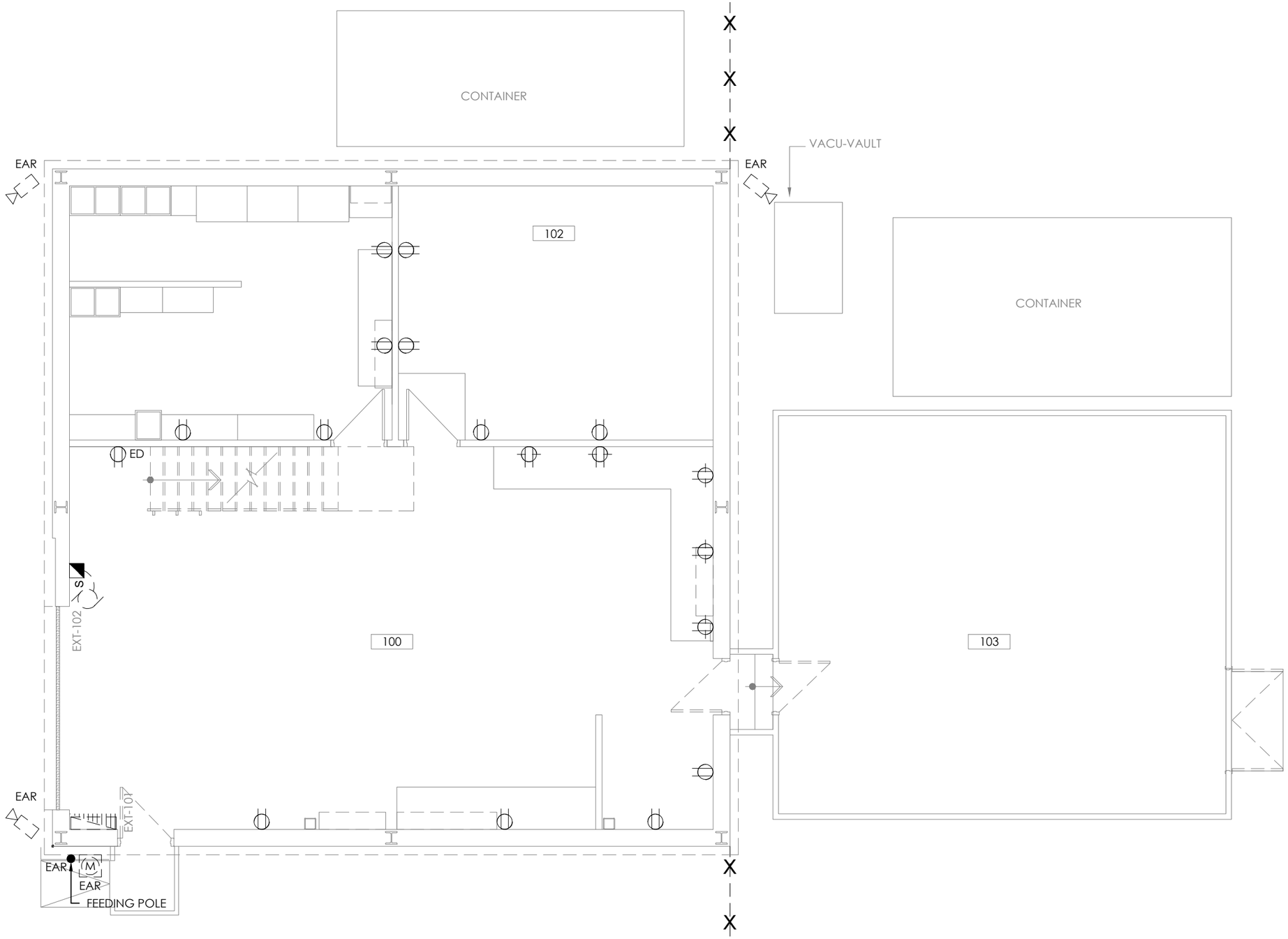
LEGEND

	15A DUPLEX RECEPTACLE
	15A COUNTER DUPLEX RECEPTACLE
S	MANUAL STARTER - SURFACE
	120-208V ELECTRICAL PANEL (SURFACE / RECESSED)
	MOTOR
	CAMERA
M	ELECTRICAL METER
T	THERMOSTAT
$U	EMERGENCY SWITCH
	ELECTRICAL HEATING COIL
EAR	EXISTING TO BE RELOCATED
ED	EXISTING TO BE DEMOLISHED
E	EXISTING RETAINED
R	EXISTING RELOCATED

GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

VERIFY EXISTING CONDITIONS ON SITE



SERVICES, DATA AND SECURITY - MAIN FLOOR - DEMOLITION

1:75 — 1 / MG-E052

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
SERVICES, DATA AND SECURITY
MAIN FLOOR - DEMOLITION

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E052-SERVICES DATA AND SECURITY - MAIN FLOOR DEMOLITION

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E052

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE — NUNAVUT
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

LEGEND

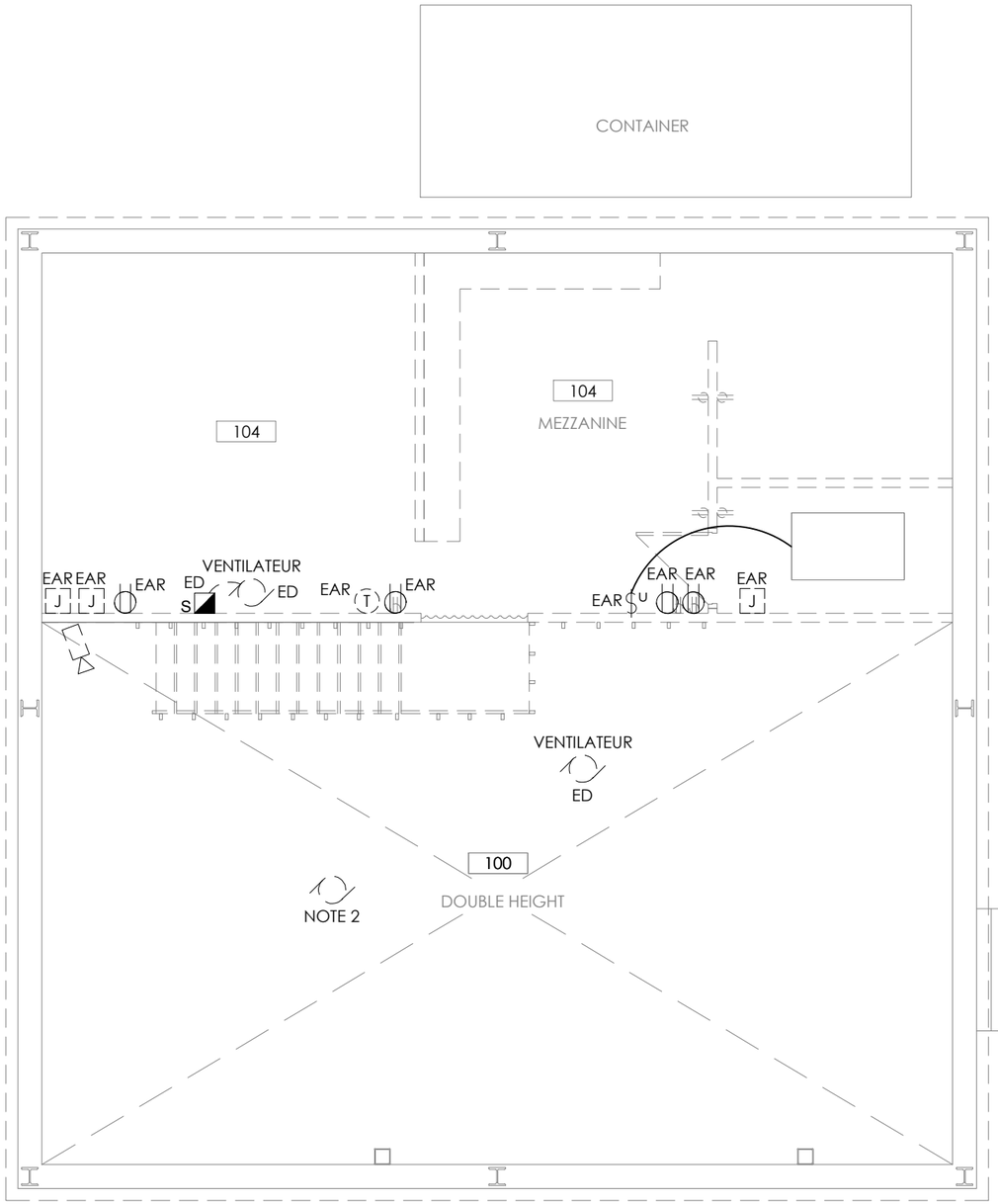
	15A DUPLEX RECEPTACLE
	15A COUNTER DUPLEX RECEPTACLE
S	MANUAL STARTER - SURFACE
	120-208V ELECTRICAL PANEL (SURFACE / RECESSED)
	MOTOR
	CAMERA
M	ELECTRICAL METER
T	THERMOSTAT
$_U	EMERGENCY SWITCH
	ELECTRICAL HEATING COIL
EAR	EXISTING TO BE RELOCATED
ED	EXISTING TO BE DEMOLISHED
E	EXISTING RETAINED
R	EXISTING RELOCATED

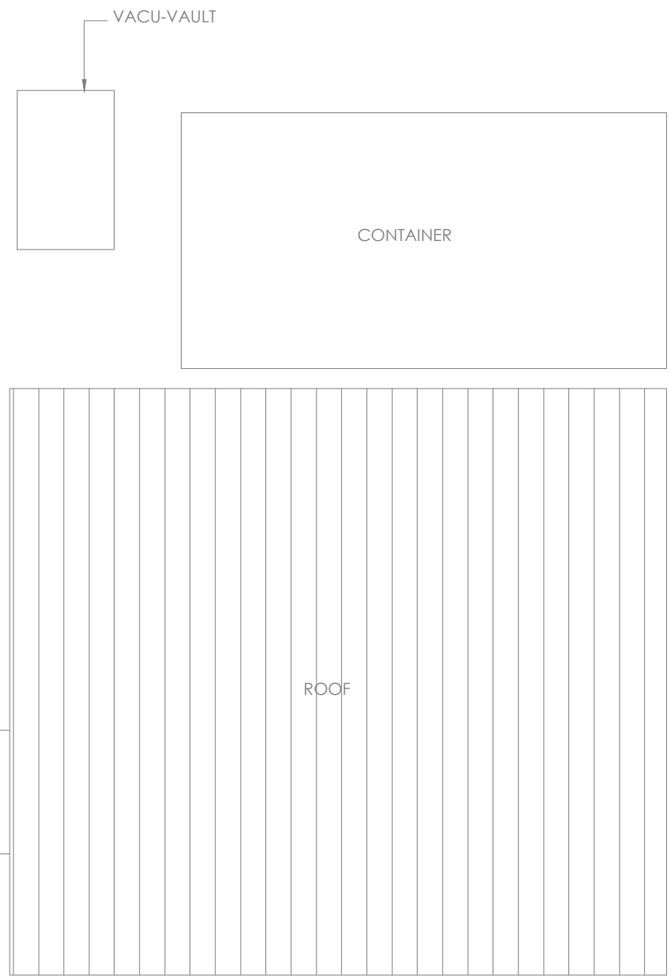
GENERAL NOTES:

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

2- EQUIPMENT BREAKER TO BE RELOCATED IN THE ELECTRICAL PANEL.

VERIFY EXISTING CONDITIONS ON SITE





SERVICES, DATA AND SECURITY - MEZZANINE FLOOR - DEMOLITION

1:75 — 1 / MG-E053

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
SERVICES, DATA AND SECURITY
MEZZANINE FLOOR - DEMOLITION

SCALE 1:75

DRAWN BY P.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E053

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE — NUNAVUT
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E053-SERVICES DATA AND SECURITY - MEZZANINE FLOOR DEMOLITION

PANEL : P (EXISTING)

XXX A AMPS

LOCATION : MAINTENANCE GARAGE
MOUNTING : SURFACE
TYPE : -

VOLTS : 120/208
PHASES : 3
WIRES : 4

NOTES	POLE NO.	DESCRIPTION	BREAKER SIZE	NO. OF POLE	A		B		C		NO. OF POLE	BREAKER SIZE	DESCRIPTION	POLE NO.	NOTES
-	1	MEZZANINE FAN	15 A	1	0	0					1	15 A	PUBLIC SECURITY DOOR UPS	2	-
-	3	EMERGENCY LIGHT	15 A	1			0	0			1	15 A	WARDEN SERVICES + GEN. WORKS	4	-
-	5	GARAGE LIGHTS	15 A	1					0	0	1	15 A	LIGHTS	6	-
-	7	OUTSIDE LIGHTS	15 A	1	0	0					1	15 A	MECHANICAL	8	-
-	9	MEZZANINE LIGHTS	15 A	1			0	0			1	15 A	FURNACE	10	-
-	11	EXTERIOR LIGHTING	15 A	1					0	0	1	15 A	GARAGE PLUGS	12	-
-	13	GARAGE PLUGS	15 A	1	0	0					1	15 A	OFF	14	-
-	15	COLD STORAGE	15 A	1			0	0			1	15 A	FIRE ALARM	16	-
-	17	BATHROOM LIGHT	15 A	1					0	0	1	15 A	COLD TEMP.	18	-
-	19	SPARE	15 A	1	0	0					1	20 A	GARAGE PLUGS	20	-
-	21	WELDER	30 A	1			0	0			1	15 A	FAN	22	-
-	23								0	0	1	15 A	GENERAL WORKS PLUGS	24	-
-	25	TABLE SAW	15 A	1	0	0					1	15 A	SPARE	26	-
-	27						0	0			1	15 A	HOIST	28	-
-	29	DOOR	15 A	1					0	0	1	15 A	SPARE	30	-
TOTAL LOAD :					0		0		0						

← BREAKER TO BE RELOCATED

LEGEND :

TC : TIME CLOCK
C : CONTACTOR
E : EXISTING

ELECTRICAL CONNECTION CALCULATION

TOTAL CONNECTED LOAD : 0 W / (360.3)
TOTAL AMPERAGE : 0 A

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
ELECTRICAL DISTRIBUTION AND PANELS
DEMOLITION

SCALE NONE
DRAWN BY P.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 66% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E080

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE — NWNU
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E080-ELECTRICAL DISTRIBUTIONS AND PANELS

PANEL : P (MODIFIED)

XXX A AMPS

LOCATION : MAINTENANCE GARAGE
MOUNTING : SURFACE
TYPE : -

VOLTS : 120/208
PHASES : 3
WIRES : 4

NOTES	POLE NO.	DESCRIPTION	BREAKER SIZE	NO. OF POLE	A		B		C		NO. OF POLE	BREAKER SIZE	DESCRIPTION	POLE NO.	NOTES
-	1	MEZZANINE FAN	15 A	1	0	0					1	15 A	PUBLIC SECURITY DOOR UPS	2	-
-	3	EMERGENCY LIGHT	15 A	1			0	0			1	15 A	WARDEN SERVICES + GEN. WORKS	4	-
-	5	GARAGE LIGHTS	15 A	1					0	0	1	15 A	LIGHTS	6	-
-	7	OUTSIDE LIGHTS	15 A	1	0	0					1	15 A	MECHANICAL	8	-
-	9	MEZZANINE LIGHTS	15 A	1			0	0			1	15 A	FURNACE	10	-
-	11	EXTERIOR LIGHTING	15 A	1					0	0	1	15 A	GARAGE PLUGS	12	-
-	13	GARAGE PLUGS	15 A	1	0	0					1	15 A	OFF	14	-
-	15	COLD STORAGE	15 A	1			0	0			1	15 A	FIRE ALARM	16	-
-	17	BATHROOM LIGHT	15 A	1					0	0	1	15 A	COLD TEMP.	18	-
-	19	HEAT EXCHANGER	15 A	1	640	0					1	20 A	GARAGE PLUGS	20	-
-	21	WELDER	30 A	1			0	0			1	15 A	FAN	22	-
-	23								0	0	1	15 A	GENERAL WORKS PLUGS	24	-
-	25	TABLE SAW	15 A	1	0	0					1	15 A	HOIST	26	-
-	27						0	4000			2	50 A	HEATING COIL	28	-
-	29	DOOR	15 A	1					0	4000				30	-
TOTAL LOAD :					640		4000		4000						

← BREAKER RELOCATED

LEGEND :

TC : TIME CLOCK
C : CONTACTOR
E : EXISTING

ELECTRICAL CONNECTION CALCULATION

TOTAL CONNECTED LOAD : 8640 W / (360.3)
TOTAL AMPERAGE : 24 A

LEGEND

	FLUORESCENT 1'x4' (SURFACE / RECESSED)
	EMERGENCY BATTERY AND DOUBLE EMERGENCY LIGHTING
	OUTDOOR UNIT (SURFACE MOUNTED)
	LIGHT SOCKET
	EXIT SIGN ON THE WALL
$	120V SWITCH
	15A DUPLEX RECEPTACLE
F	PULL STATION
SD	SMOKE DETECTOR
	FIRE ALARM BELL
FAP	FIRE ALARM PANEL
	120/208V ELECTRICAL PANEL (SURFACE)
ED	EXISTING TO BE DEMOLISHED
N	NEW
EAR	EXISTING TO BE RELOCATED
ER	EXISTING TO REMAIN
E	EXISTING RETAINED

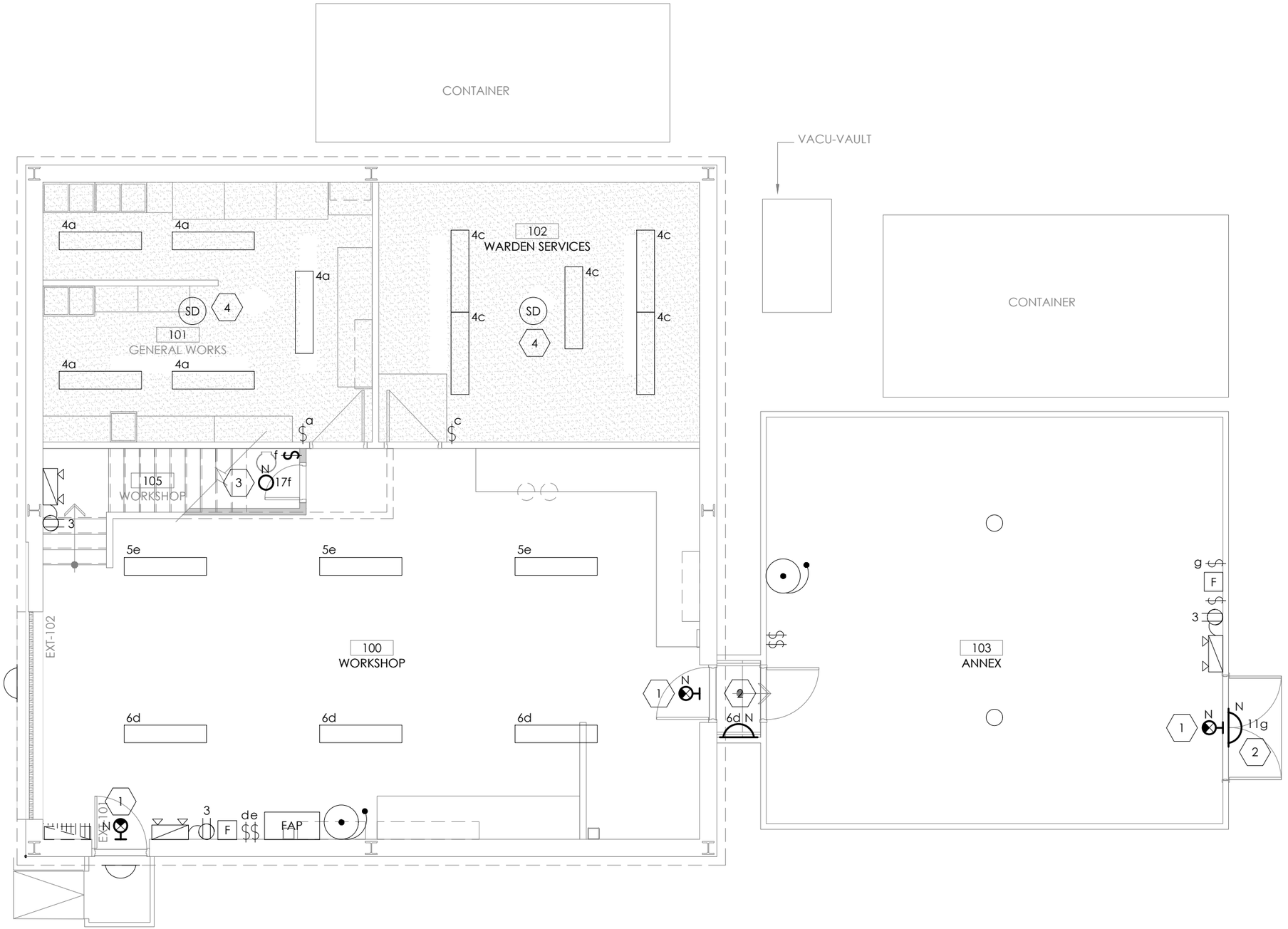
GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

SPECIFIC NOTES:

1. PROVIDE AND INSTALL A NEW EXIT SIGN (RUNNING MAN) AS PER STANPRO SERIE RMV.
2. PROVIDE AND INSTALL A NEW LIGHTING FIXTURE AS PER STANPRO, MODEL WPI-L-S1-A-50K-P.
3. PROVIDE AND INSTALL A NEW LIGHTING FIXTURE AS PER PHILIPS SLIM SURFACE No.S4S835K7.
4. INSTALL NEW WIRING.

VERIFY EXISTING CONDITIONS ON SITE



LIGHTING AND FIRE ALARM - MAIN FLOOR

1:75 — 1 / MG-E100

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada / Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
LIGHTING AND FIRE ALARM
MAIN FLOOR

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E100-LIGHTING AND FIRE ALARM - MAIN FLOOR

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E100

SEAL

REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE

2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

LEGEND

	FLUORESCENT 1'x4' (SURFACE / RECESSED)
	EMERGENCY BATTERY AND DOUBLE EMERGENCY LIGHTING
	OUTDOOR UNIT (SURFACE MOUNTED)
	LIGHT SOCKET
	EXIT SIGN ON THE WALL
$	120V SWITCH
	15A DUPLEX RECEPTACLE
F	PULL STATION
SD	SMOKE DETECTOR
	FIRE ALARM BELL
FAP	FIRE ALARM PANEL
	120/208V ELECTRICAL PANEL (SURFACE)
ED	EXISTING TO BE DEMOLISHED
N	NEW
EAR	EXISTING TO BE RELOCATED
ER	EXISTING TO REMAIN
E	EXISTING RETAINED

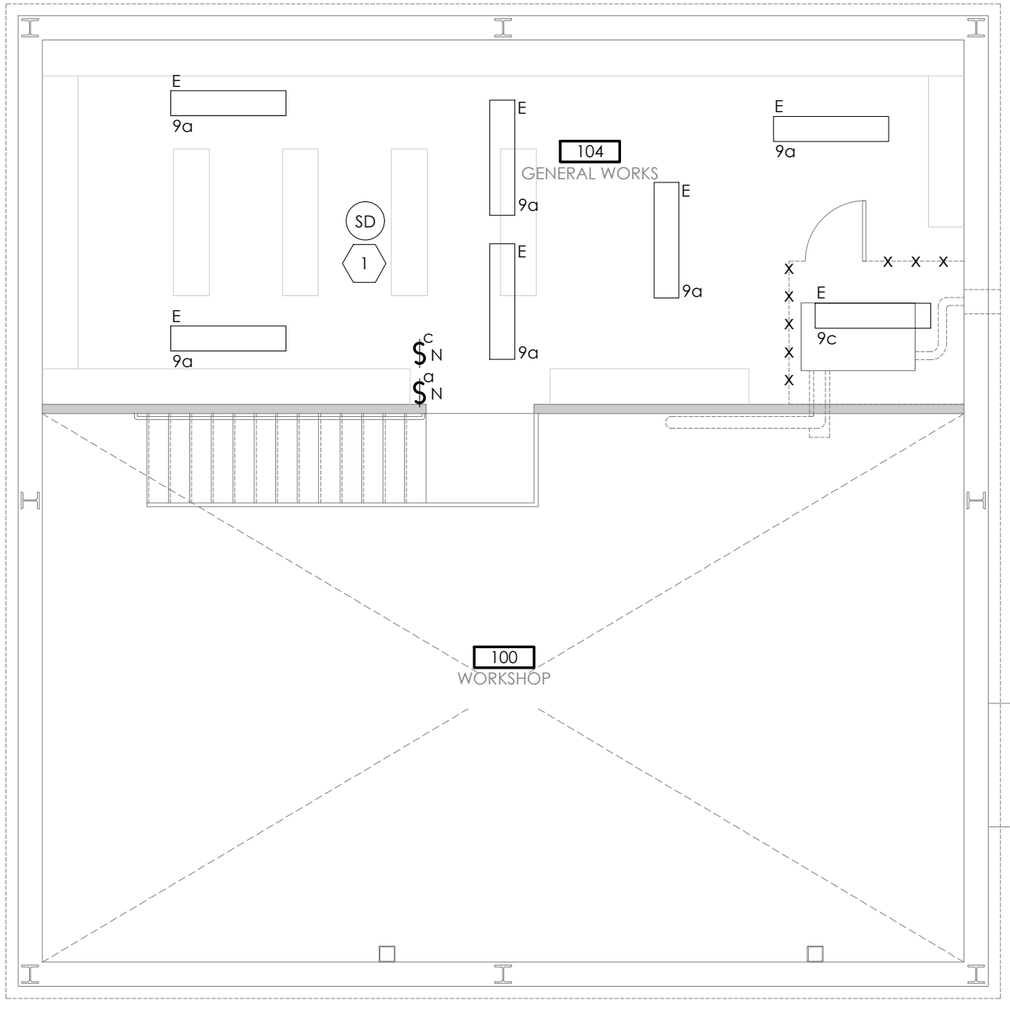
GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

SPECIFIC NOTES:

1 INSTALL NEW WIRING.

VERIFY EXISTING CONDITIONS ON SITE



LIGHTING AND FIRE ALARM - MEZZANINE FLOOR

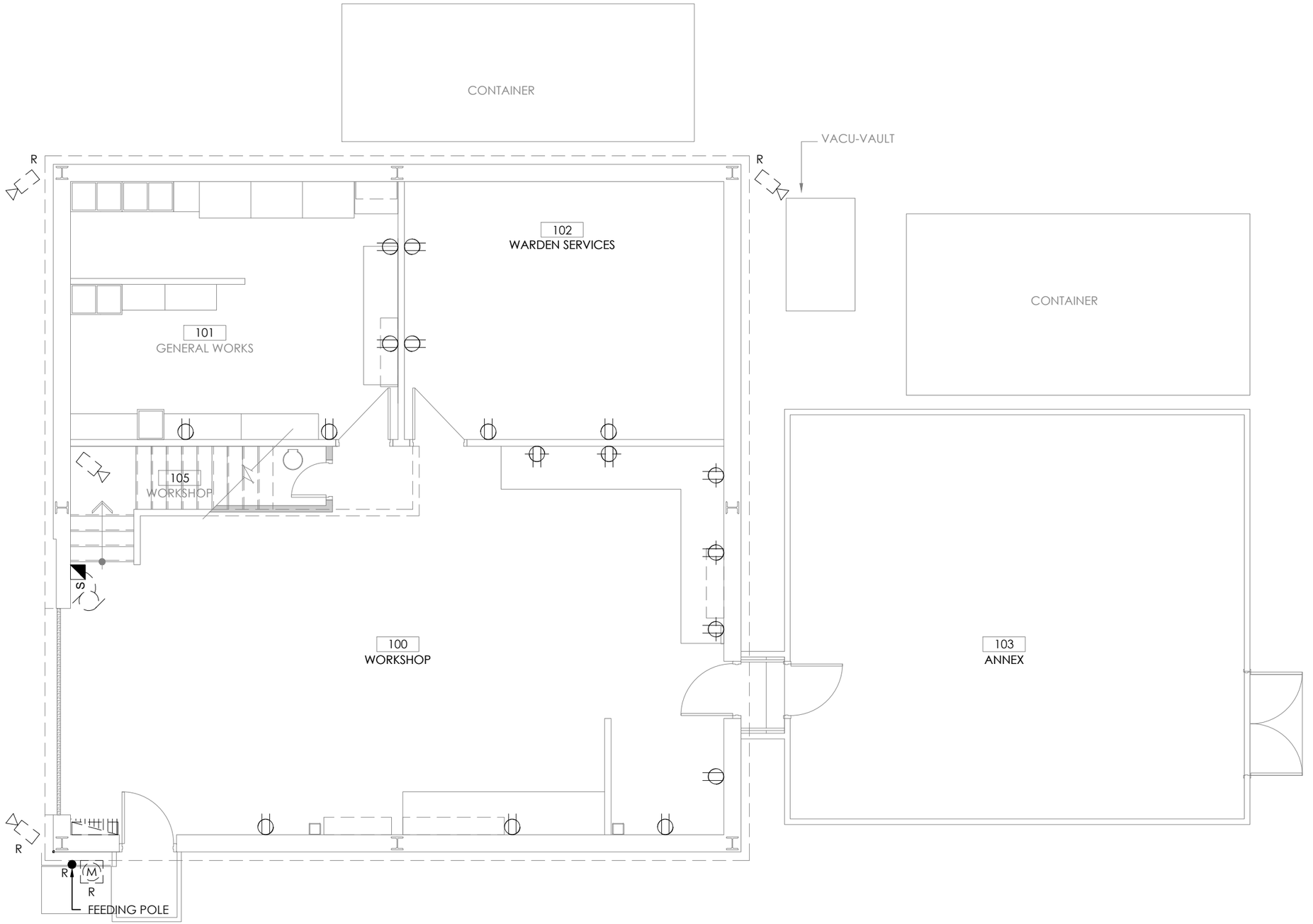
1:75 — 1 / MG-E110

ARCHITECTS Ædifica **MECHANICAL/ELECTRICAL ENGINEERS** Ædifica consultants	**STRUCTURAL ENGINEERS** SNC·LAVALIN	**CLIENT** Parcs Canada	**PROJECT** PCAU-04-02 MAINTENANCE GARAGE AND FENCE REHABILITATION PARKS CANADA PANGNIRTUNG NUNAVUT	**DRAWING** MAINTENANCE GARAGE ELECTRICAL LIGHTING AND FIRE ALARM MEZZANINE FLOOR **SCALE** 1:75 **DRAWN BY** P.P.	**ISSUES** No. DESCRIPTION — DATE 01 ISSUED FOR 60% PROGRESS — 2018-12-06 02 ISSUED FOR 100% PROGRESS — 2019-01-25 03 ISSUED FOR TENDER — 2019-02-08	**PAGE** MG-E110	**SEAL** J.P. TOHOUTA LICENSEE 2019/02/08 PERMIT TO PRACTICE AEDIFICA INC. Signature Date 2019-02-08 PERMIT NUMBER: P 1331 NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E110-LIGHTING AND FIRE ALARM - MEZZANINE FLOOR

LEGEND

	15A DUPLEX RECEPTACLE
	15A COUNTER DUPLEX RECEPTACLE
S	MANUAL STARTER - SURFACE
	120-208V ELECTRICAL PANEL (SURFACE / RECESSED)
	MOTOR
	CAMERA
M	ELECTRICAL METER
T	THERMOSTAT
S_U	EMERGENCY SWITCH
	ELECTRICAL HEATING COIL
EAR	EXISTING TO BE RELOCATED
ED	EXISTING TO BE DEMOLISHED
E	EXISTING RETAINED
R	EXISTING RELOCATED



GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

VERIFY EXISTING CONDITIONS ON SITE

SERVICES, DATA AND SECURITY - MAIN FLOOR

1:75 — 1 / MG-E200

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
SERVICES, DATA AND SECURITY
MAIN FLOOR

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E200-SERVICES DATA AND SECURITY - MAIN FLOOR

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E200

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

LEGEND

	15A DUPLEX RECEPTACLE
	15A COUNTER DUPLEX RECEPTACLE
S	MANUAL STARTER - SURFACE
	120-208V ELECTRICAL PANEL (SURFACE / RECESSED)
	MOTOR
	CAMERA
M	ELECTRICAL METER
T	THERMOSTAT
$U	EMERGENCY SWITCH
EAR	EXISTING TO BE RELOCATED
ED	EXISTING TO BE DEMOLISHED
E	EXISTING RETAINED
R	EXISTING RELOCATED

GENERAL NOTES:

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

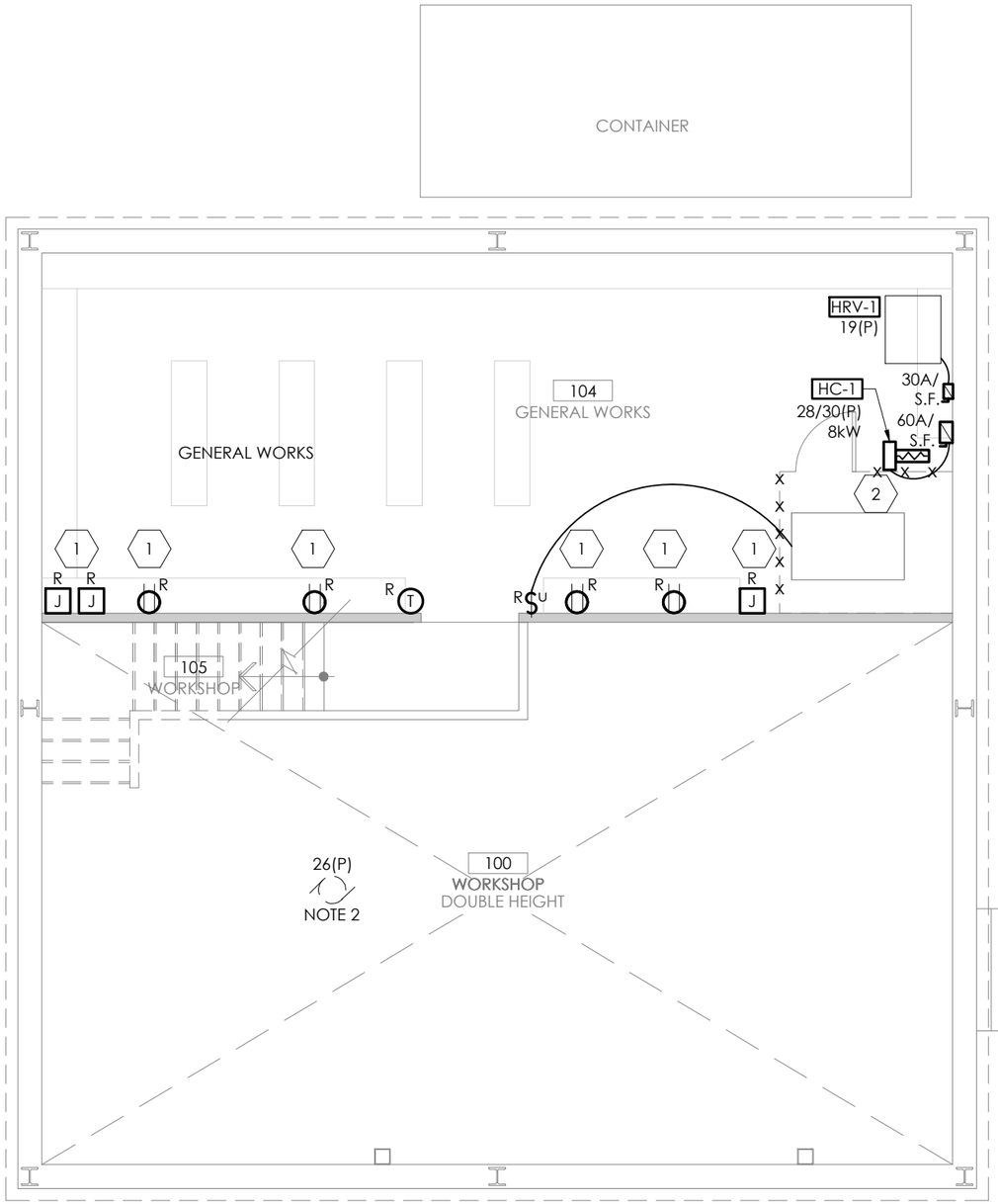
2- EQUIPMENT TO BE FED FROM THE RELOCATED BREAKER IN ELECTRICAL PANEL.

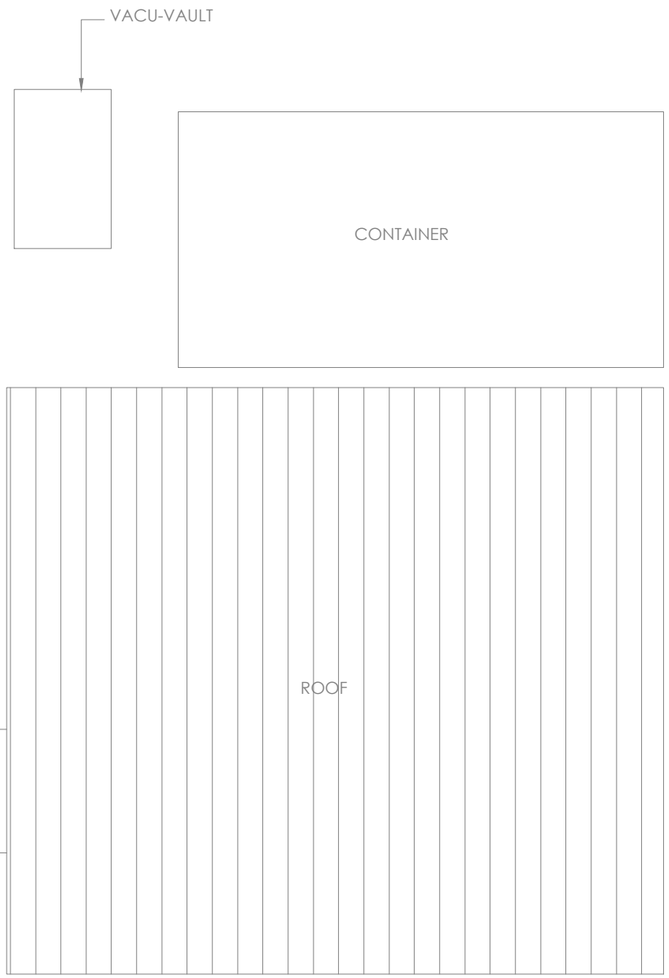
SPECIFIC NOTES:

1. EQUIPMENTS ON MEZZANINE WALL TO BE INSTALL ABOVE THE MILL WORK. SERVICES ARE TO BE FED WITH A SURFACE CONDUIT. SEE ARCHITECTURAL PLANS FOR EXACT CONDITIONS.

2. ELECTRICAL HEATING COIL TO BE CONNECTED BY ELECTRICAL.

VERIFY EXISTING CONDITIONS ON SITE





SERVICES, DATA AND SECURITY - MEZZANINE FLOOR

1:75 — 1 / MG-E210

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
MAINTENANCE GARAGE
ELECTRICAL
SERVICES, DATA AND SECURITY
MEZZANINE FLOOR

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\MAINTENANCE GARAGE\PCAU-MG-E210-SERVICES DATA AND SECURITY - MEZZANINE FLOOR

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE MG-E210

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

MAINTENANCE GARAGE AND FENCE REHABILITATION

MAINTENANCE GARAGE
Pangnirtung, Nunavut

PCAU-01-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019

DRAWING	EMISSION	DATE
MG-ST010 - SITE PLAN	03	2019-02-08
MG-ST100 - EXISTING CONDITIONS	03	2019-02-08
MG-ST101 - PROPOSED CONDITIONS	03	2019-02-08
MG-ST102 - CHAIN LINK FENCE DETAILS	03	2019-02-08
MG-ST103 - CHAIN LINK FENCE DETAILS	03	2019-02-08

ARCHITECTS

architecture+design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

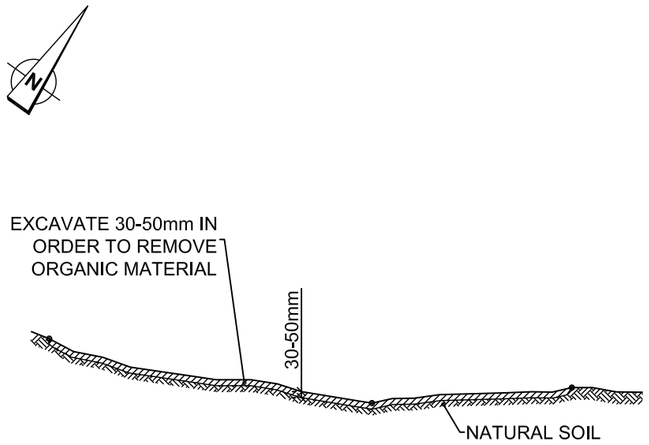
ENGINEERS

Ædifica consultants

SNC·LAVALIN

CLIENT

Parcs Canada Parks Canada



EXISTING CONDITIONS

SECTION 1 / 100

SCALE: NONE

ZONE TO BE EXCAVATED 30 - 50 mm MIN. IN ORDER TO REMOVE ORGANIC MATERIAL AND PLANTS ON GRADE

EXISTING FENCE TO BE DEMOLISHED

CONTAINERS TO BE RELOCATED TEMPORARILY FOR NEW FENCE CONSTRUCTION

GRAVEL

BUILDING

UNDERGROUND PIPES

GARAGE

CONTAINER

4418

3074

3111

SWAMP

UNDERGROUD PIPES

ANNEX

CONTAINER

GRAVEL

GRASS

BUILDING

TP-1

24,33m

TP-2

23.97m

BOREHOLE

23.993m

ENROCHEMENT

BUILDING

GRASS

27124

27209

22587

1 / ST-100

EXISTING CONDITIONS

SCALE: 1:250

ARCHITECTS	**STRUCTURAL ENGINEERS**	**CLIENT**
Édifica	SNC·LAVALIN	Parcs Canada / Parks Canada
MECHANICAL/ELECTRICAL ENGINEERS		
Édifica consultants		

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
EXISTING CONDITION

SCALE N/A

DRAWN BY B.L.ing. / T.A.

T:\DEPT\STRUCTURE BATIMENTS\PROJETS\662000\662808_GARAGE PANGNIRTUNG\4.41_DESSINS\01_STRUCT\EN_COURS\0_DESSINS MAITRE\662808-0000-MG-ST

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

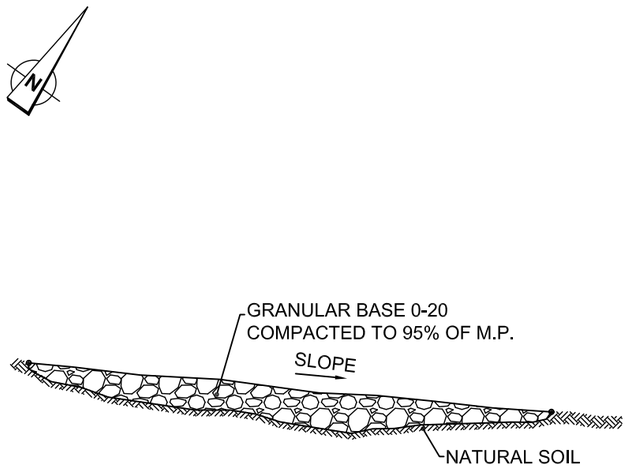
PAGE MG-ST100

SEAL

REGISTERED PROFESSIONAL ENGINEER — L. BECERRIL-VILLA — LICENSEE — NT/NU

2019-02-07

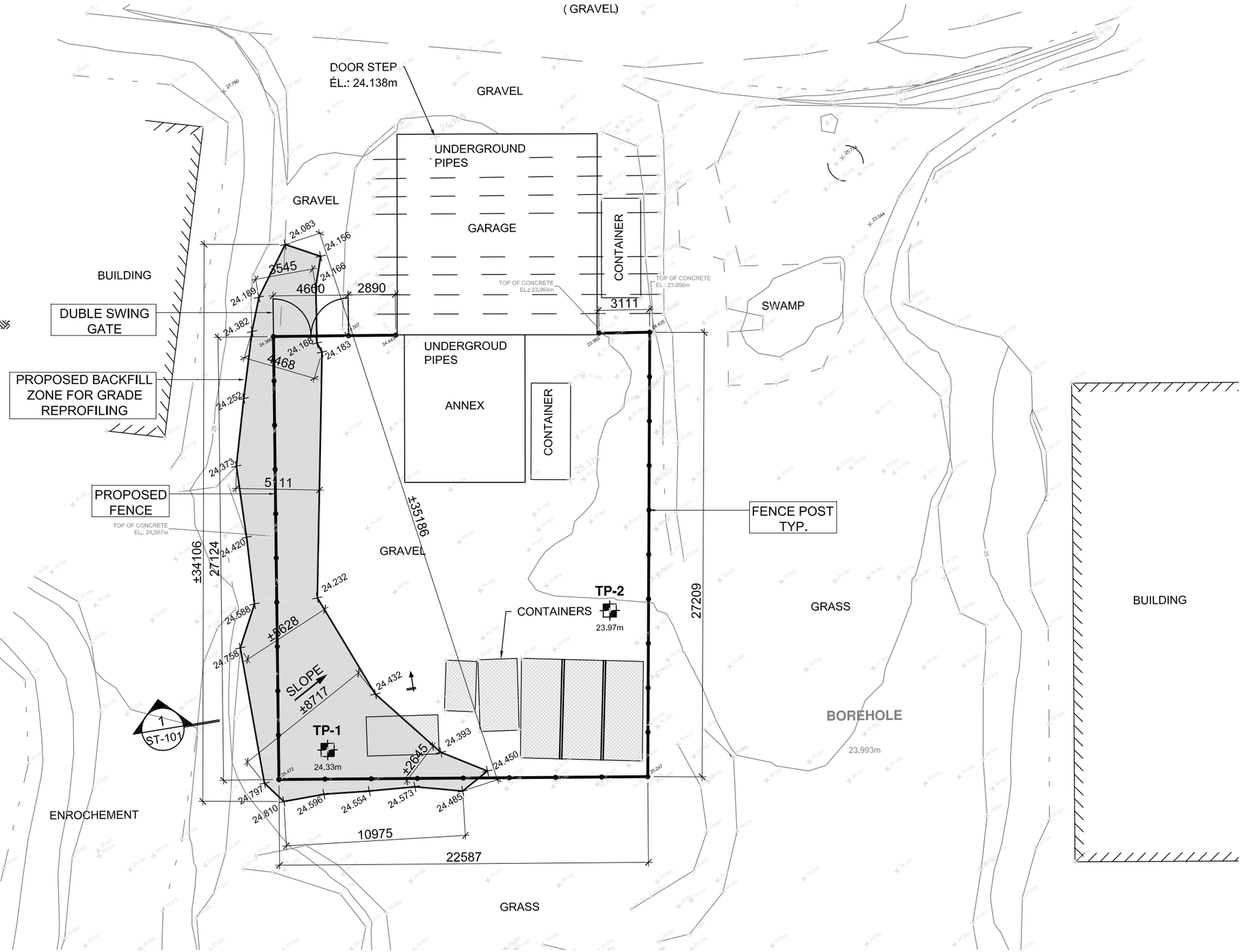
PERMIT TO PRACTICE
SNC-LAVALIN INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 260
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU



PROPOSED CONDITIONS

SECTION 1/101

SCALE: NONE



PROPOSED CONDITIONS

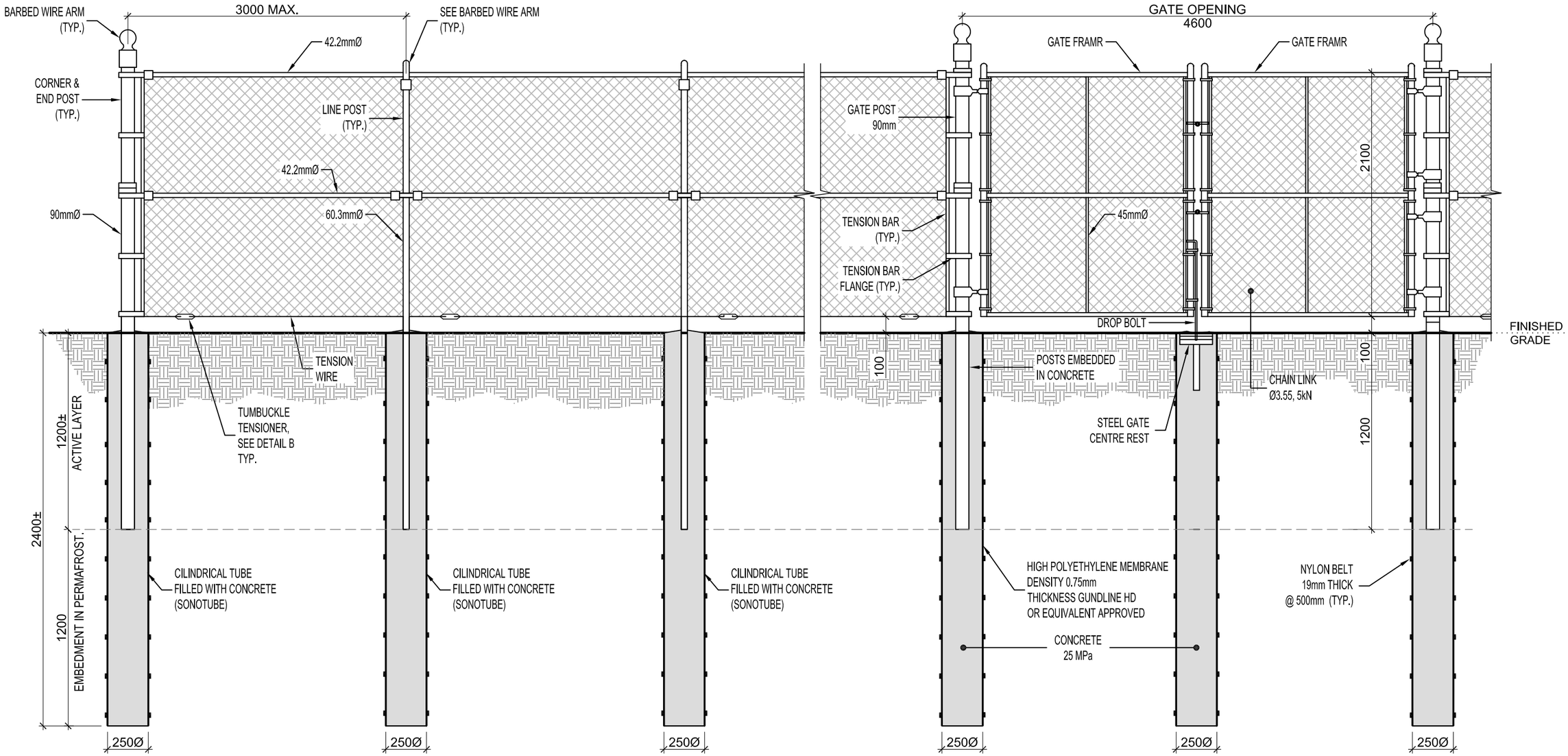
SCALE: 1:250

ARCHITECTS Édifica	**PROJECT** PCAU-01-02	**PAGE** MG-ST101
MECHANICAL/ELECTRICAL ENGINEERS Édifica consultants	MAINTENANCE GARAGE AND FENCE REHABILITATION PANGNIRTUNG, NUNAVUT	**SEAL** REGISTERED PROFESSIONAL ENGINEER L BECERRIVALA LICENSEE NT/NU 2019-02-07
STRUCTURAL ENGINEERS SNC·LAVALIN	**DRAWING** MAINTENANCE GARAGE PROPOSED CONDITION	**PERMIT TO PRACTICE** SNC-LAVALIN INC. Signature _____ 2019-02-07 Date _____ **PERMIT NUMBER: P 260** The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU
CLIENT Parcs Canada	**SCALE** N/A **DRAWN BY** B.L.ing. / T.A.	

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

T:\DEPT\STRUCTURE BATIMENTS\PROJETS\662000\662808_GARAGE PANGNIRTUNG\4.41_DESSINS\01_STRUCT\EN_COURS\0_DESSINS MAITRE\662808-0000-MG-ST



PRINCIPLES AND DETAILS - CHAIN LINK FENCE

SCALE: NONE

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
CHAIN LINK FENCE DETAILS

SCALE
N/A

DRAWN BY
B.L.ing. / T.A.

ISSUES

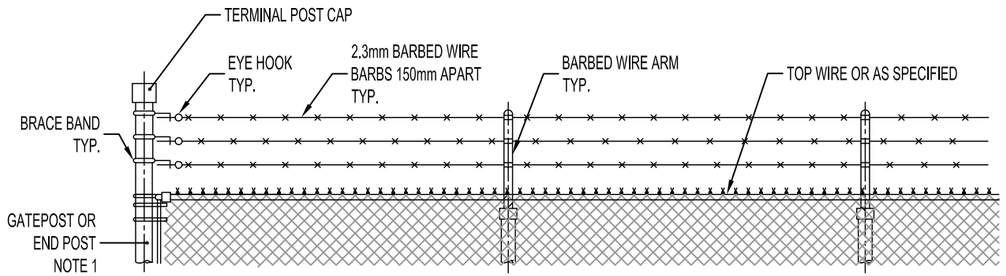
No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

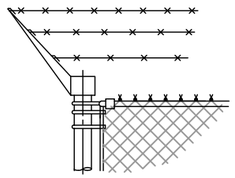
PAGE
MG-ST102

SEAL
REGISTERED PROFESSIONAL ENGINEER L. BECERRA N.W.T. LICENSEE NT/NU
2019-02-07

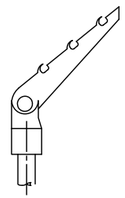
PERMIT TO PRACTICE
SNC-LAVALIN INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 260
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

T:\DEPT\STRUCTURE BATIMENTS\PROJETS\662000\662808_GARAGE PANGNIRTUNG\4.41_DESSINS\01_STRUCT\EN_COURS\0_DESSINS MAITRE\662808-0000-MG-ST





CORNER POST
WIT-BARBED WIRE ARM

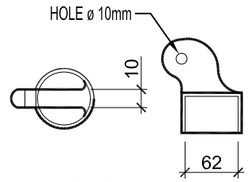


LINE POST
WIT-BARBED WIRE ARM

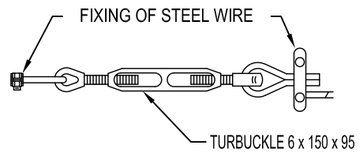
NOTE 1: TERMINAL POST SHALL LENGTHENED WHEN BARBED WIRE IS SPECIFIED, EXCEPT WHEN BARBED WIRE ARMS AS USED.

COMPONENTS - BARBED WIRE

SCALE: NONE



(DETAIL A)



TURBUCKLE TENSIONNER
(DETAIL B)

NOTES:

1. THE LENGTH OF THE POSTS VARIES ACCORDING TO THE HEIGHT OF THE FENCE. THEIR ELASTIC LIMIT IS 170 MPA
2. ALL METAL PARTS, EXCEPT ALUMINUM PARTS, ARE GALVANIZED.
3. THE ZINC LEVEL FOR GALVANIZING THE WIRES SHOULD BE 490 G / M².
4. THE DIMENSIONS ARE IN MILLIMETERS.
5. CONTRACTOR TO FOURNISH ALL THE NECESSARY ACCESORIES IN ORDER TO BUILD THE NEW FENCE.

DETAILS - CHAIN LINK FENCE

SCALE: NONE

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02

MAINTENANCE GARAGE AND FENCE REHABILITATION
PANGNIRTUNG, NUNAVUT

DRAWING
MAINTENANCE GARAGE
CHAIN LINK FENCE DETAILS

SCALE
N/A

DRAWN BY
B.L.ing. / T.A.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
MG-ST102

SEAL
REGISTERED PROFESSIONAL ENGINEER
L. BECERRA AVILA
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
SNC-LAVALIN INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 260
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

T:\DEPT\STRUCTURE BATIMENTS\PROJETS\662000\662808_GARAGE PANGNIRTUNG\4.41_DESSINS\01_STRUCT\EN_COURS\0_DESSINS MAITRE\662808-0000-MG-ST

MAINTENANCE GARAGE AND FENCE REHABILITATION

VISITOR CENTER

Pangnirtung, Nunavut

PCAU-01-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019

DRAWING	EMISSION	DATE
VC-A010 - SITE PLAN VISITOR CENTER	04	2019-02-08
VC-A101 - FLOOR PLAN VISITOR CENTER	04	2019-02-08
VC-A551 - MECHANICAL ROOM SECTION AND DETAIL	03	2019-02-08
VC-A552 - CHIMNEY CONSTRUCTION SECTION AND DETAIL	02	2019-02-08

ARCHITECTS

architecture+design
Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

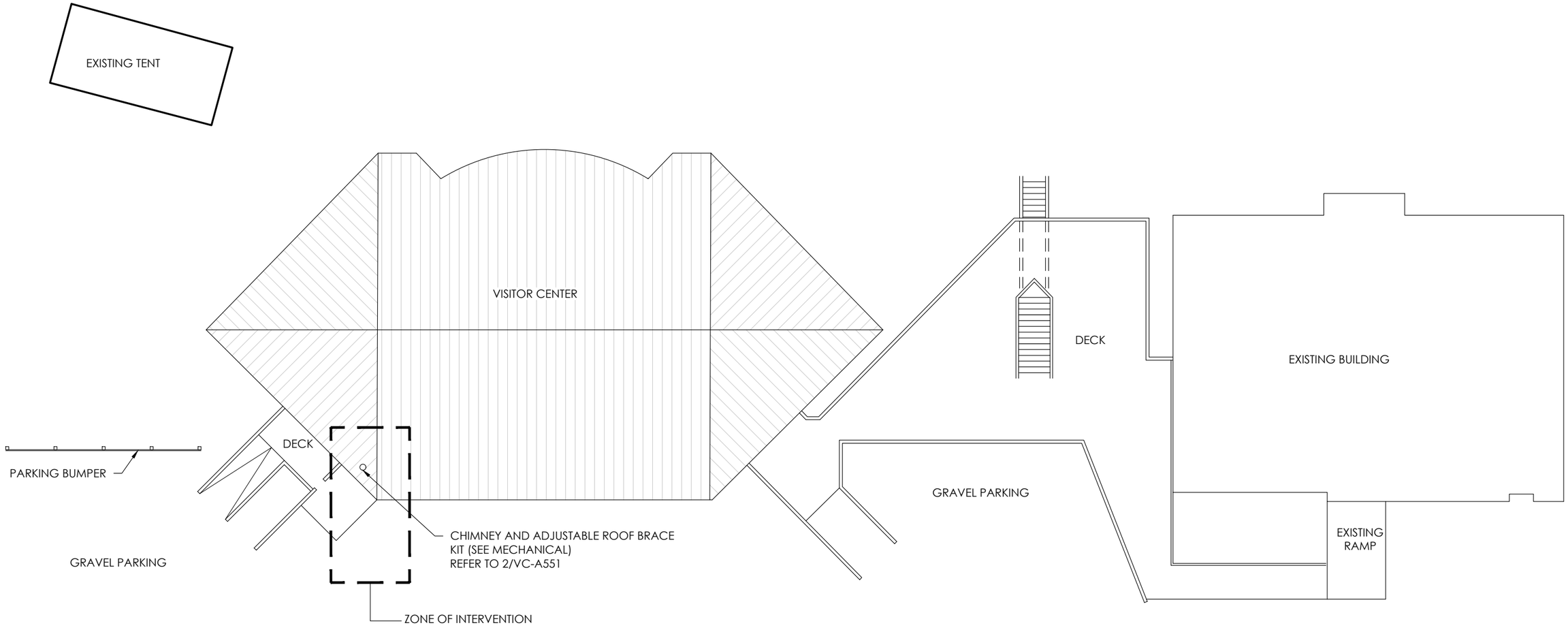
ENGINEERS

Ædifica consultants

SNC·LAVALIN

CLIENT

Parcs Canada Parks Canada



SITE PLAN 1
1:200 VC-A010

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada Parks Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -VISITOR CENTER

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
VISITOR CENTER
SITE PLAN

SCALE
1:200

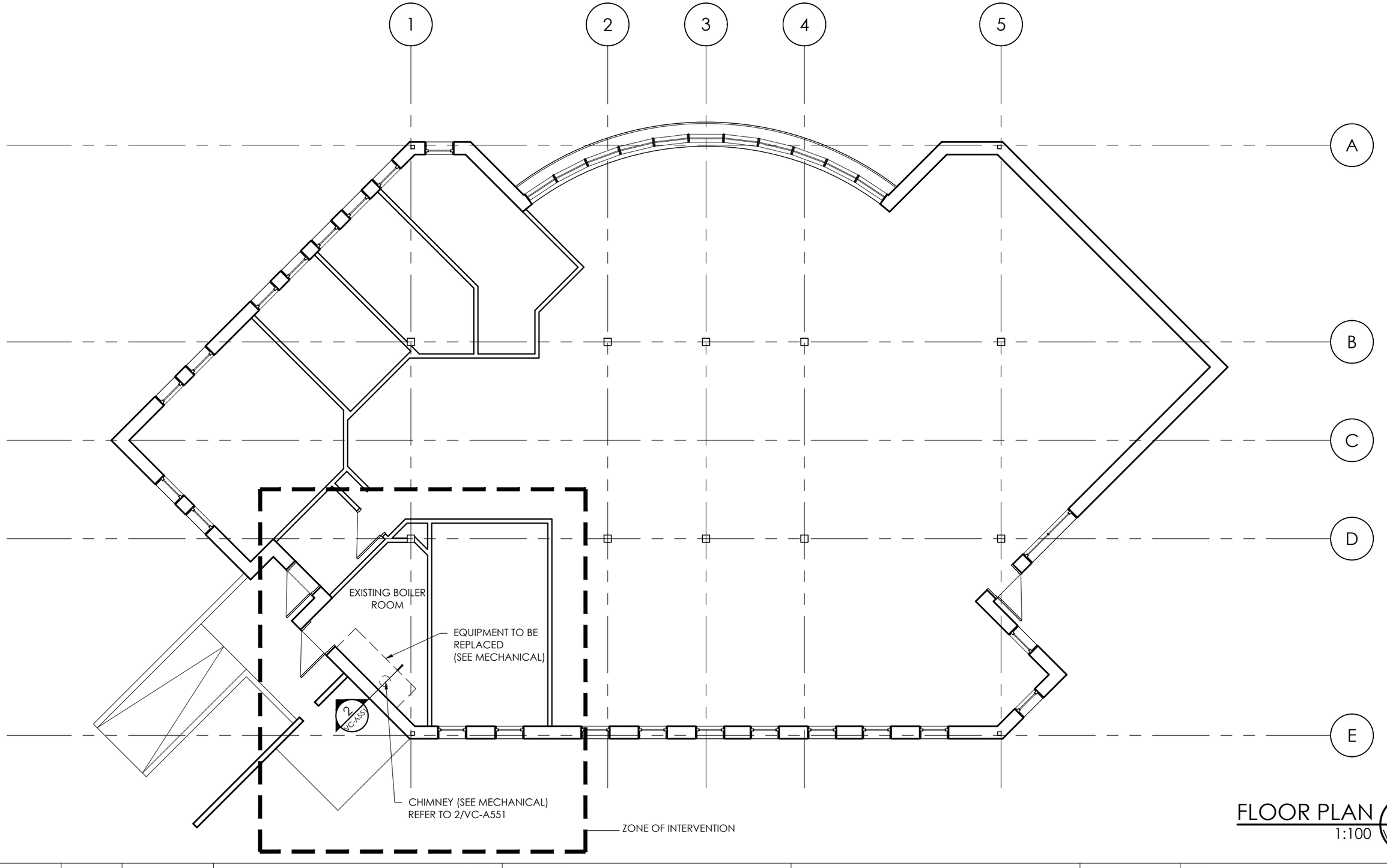
DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR SURVEY REPORT	2018-10-05
02	ISSUED FOR 60%	2018-12-07
03	ISSUED FOR 100%	2019-01-25
04	ISSUED FOR TENDER	2019-02-08

PAGE
VC-A010

SEAL



FLOOR PLAN 1
1:100 VC-A101

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -VISITOR CENTER

DRAWING
VISITOR CENTER
FLOOR PLAN

SCALE
1:100

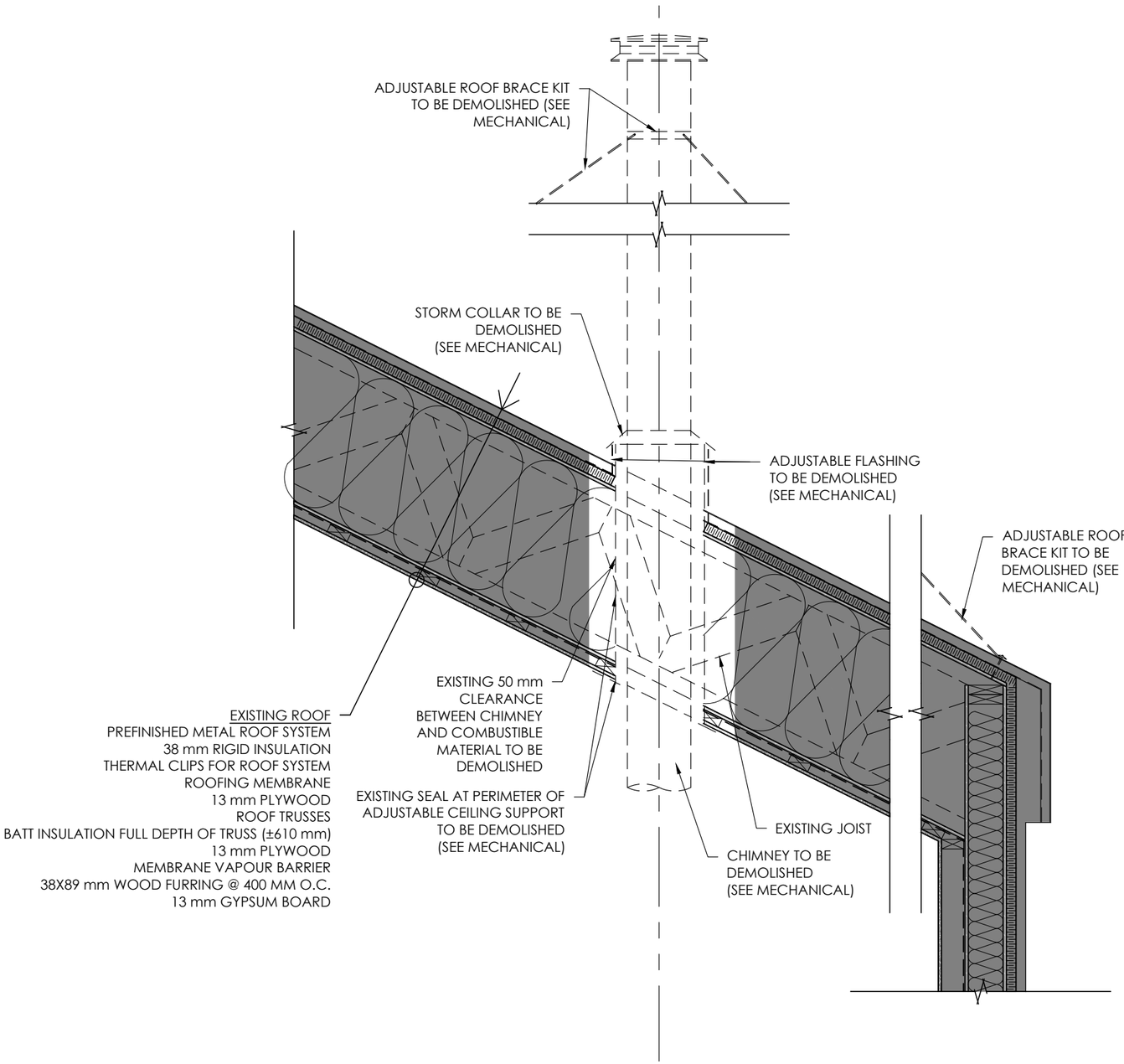
DRAWN BY
C.P./E.P./S.P.

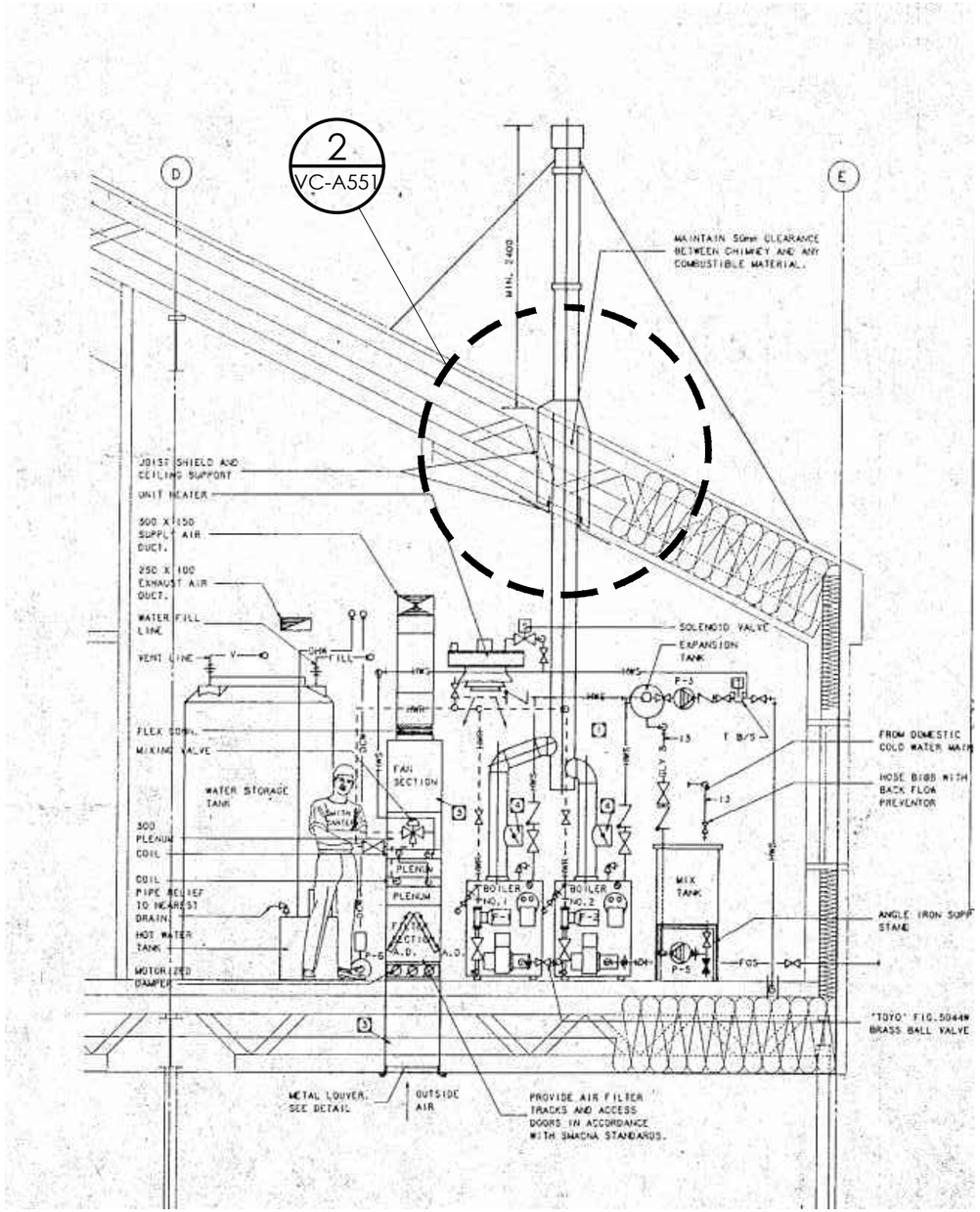
ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR SURVEY REPORT	2018-10-05
02	ISSUED FOR 60%	2018-12-07
03	ISSUED FOR 100%	2019-01-25
04	ISSUED FOR TENDER	2019-02-08

PAGE
VC-A101

SEAL





CHIMNEY DETAIL - DEMOLITION

2 / VC-A551

1:20

MECHANICAL ROOM SECTION EXISTING CONDITIONS

1 / VC-A551

N/A

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -VISITOR CENTER

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
VISITOR CENTER
CLOSE UP MECHANICAL ROOM

SCALE
1:50

DRAWN BY
C.P./E.P./S.P.

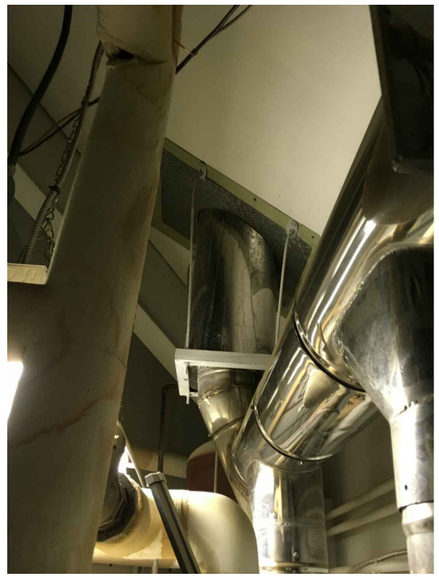
ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

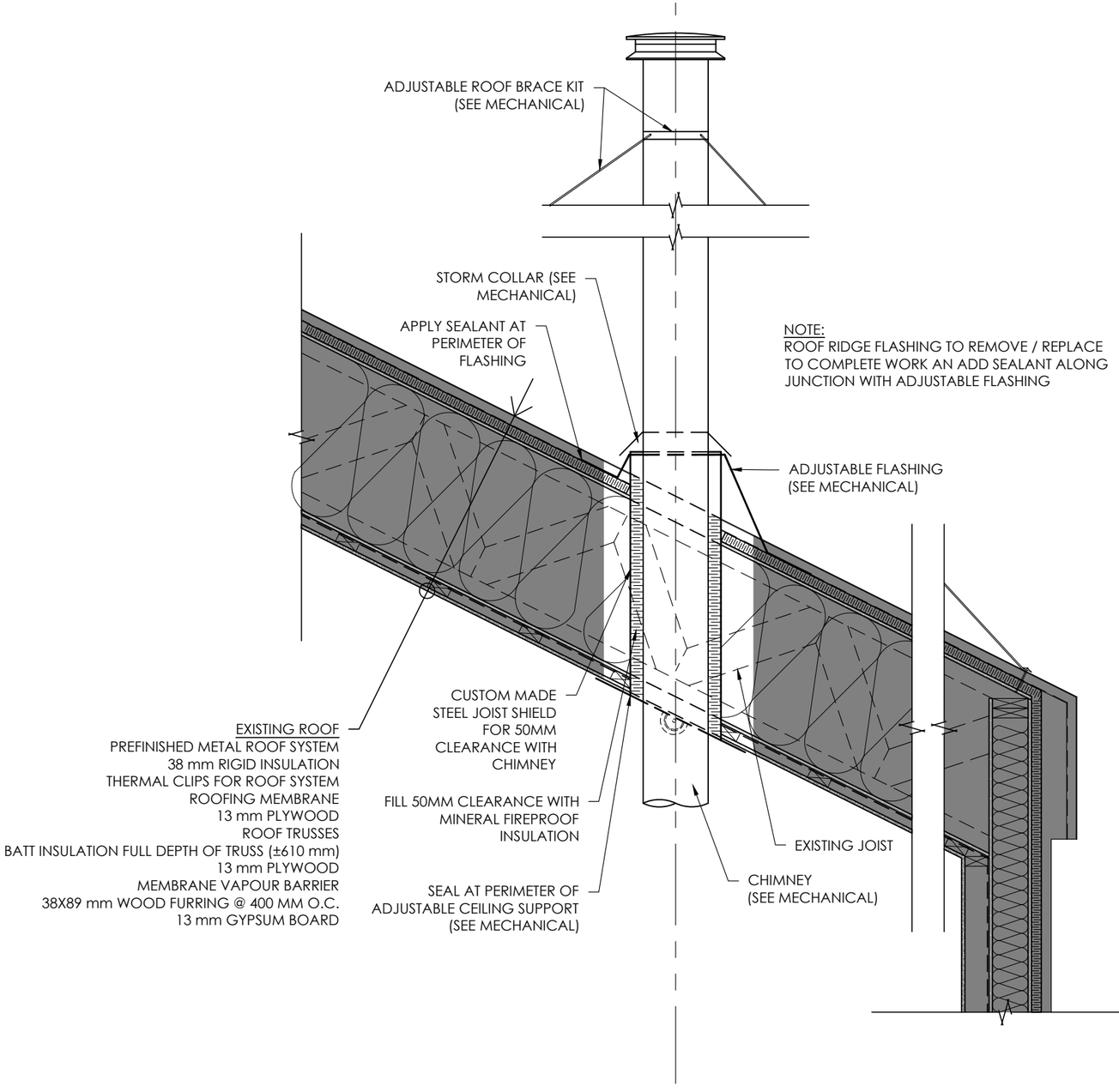
PAGE
VC-A551

SEAL

EXISTING ROOF AND CHIMNEY INSTALLATION



EXISTING CHIMNEY AJUSTABLE SUPPORT AND SEALING PLATE



CHIMNEY DETAIL - CONSTRUCTION

1:20

1
VC-A552

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
VISITOR CENTER
CLOSE UP MECHANICAL ROOM

SCALE
1:50

DRAWN BY
C.P./E.P./S.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 100% PROGRESS	2019-01-25
02	ISSUED FOR TENDER	2019-02-08
03		
04		

PAGE
VC-A552

SEAL

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -VISITOR CENTER

MAINTENANCE GARAGE AND FENCE REHABILITATION

VISITOR CENTER

Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 08TH 2019

DRAWING	ISSUE	DATE
VC-M000 - MECHANICAL TITLE PAGE	03	2019-02-08
VC-M010 - SITE AND ROOF PLAN	03	2019-02-08
VC-M050 - DEMOLITION - BOILER ROOM	03	2019-02-08
VC-M100 - FLOOR PLAN	03	2019-02-08
VC-M200 - BOILER ROOM PIPING	03	2019-02-08
VC-M300 - OIL PIPING AND CHIMNEY	03	2019-02-08
VC-M400 - MECHANICAL - DIAGRAMS AND CONTROLS	03	2019-02-08

ARCHITECTS

architecture+design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514.844.6611
F 514.844.7646

Ædifica

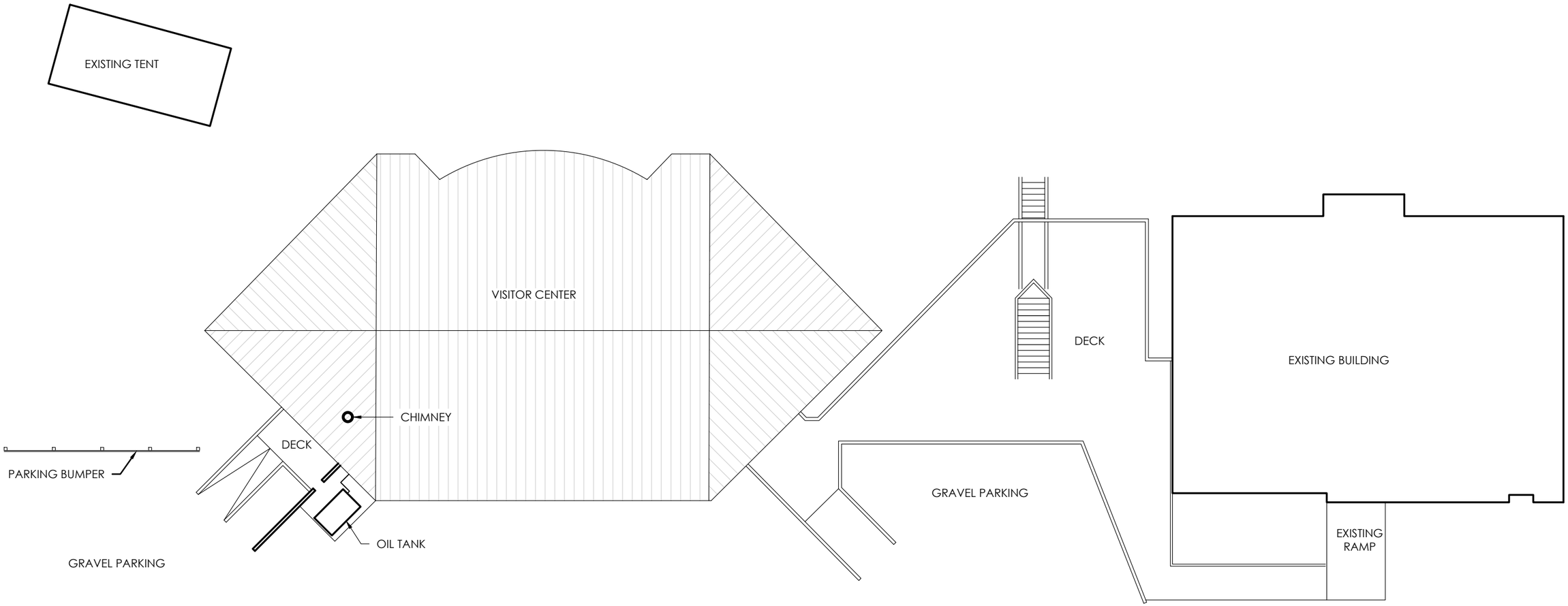
ENGINEERS

Ædifica consultants

SNC·LAVALIN
STRUCTURAL
ENGINEERING

CLIENT

Parcs Canada Parks Canada



ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
SITE AND ROOF PLAN

SCALE
1:75

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M010 - SITE AND ROOF PLAN

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-M010

SEAL
REGISTERED PROFESSIONAL ENGINEER
J. F. PELLETIER
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION. SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

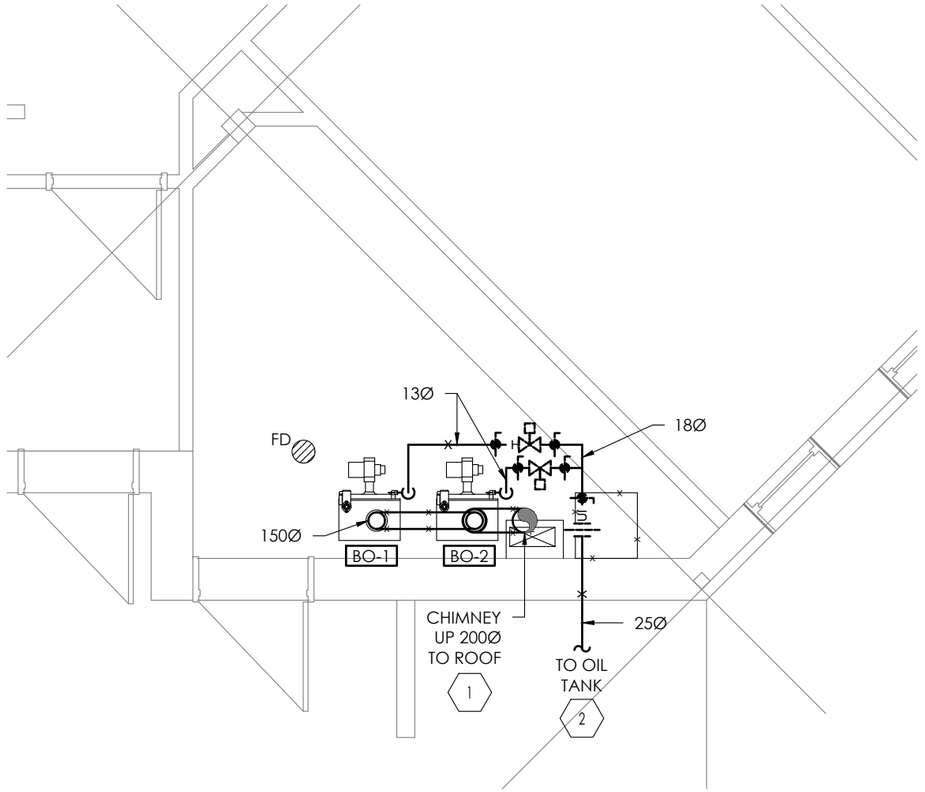
SPECIFIC NOTES:

1. DEMOLISH CHIMNEY COMPLETELY, INCLUDING OUTSIDE SECTION. EXISTING JOIST SHIELD TO BE KEPT.
2. DEMOLISH PIPING FROM BOILER CONNECTION TO ISOLATION VALVE OF OIL TANK.
3. DEMOLISH ALL HEATING PIPING BETWEEN THESE DEMOLITION LIMIT. ALSO REFER TO HEATING DIAGRAM FOR DEMOLITION SCOPE.
   DEMOLITION SCOPE INCLUDES PIPING, ACCESSORIES, BOILERS AND PUMPS. DISPOSE OF AS PER LOCAL REQUIREMENTS.
   PUMPS WILL BE HANDED TO DEPARTMENTAL REPRESENTATIVE.
4. THE WHOLE BUILDING HEATING SYSTEM SHALL BE DRAINED BEFORE BEING FILLED AGAIN WITH NEW 50% PROPYLENE GLYCOL SOLUTION. THE SYSTEM SHALL BE DRAINED ONLY WHEN THE CONTRACTOR WILL BE READY TO FILL THE SYSTEM WITH THE NEW SOLUTION, IN ORDER TO MINIMIZE THE RISK OF CORROSION. THE ESTIMATED VOLUME OF FLUID TO BE DRAINED IS 550 LITERS. COORDINATE WITH THE HAMLET AND THE DEPARTMENTAL REPRESENTATIVE TO HAVE THE BUILDING SEWAGE TANK EMPTIED BEFORE AND DURING THE PROCEDURE.

LEGEND

UP	UP
DW	DOWN
EX	EXISTING (EXISTING TO REMAIN)
ER	EXISTING TO RELOCATED
ED	EXISTING TO DEMOLISH
RE	RELOCATED
PU	PUMP
	TO REMAIN
D	TO DEMOLISH
	TO CAP
	DEMOLITION LIMIT
	DEMOLISH SECTION FOR FUTURE CONNECTION
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
EGa	GLYCOL - SUPPLY
EGr	GLYCOL - RETURN
HUI	OIL
FD	FLOOR DRAIN (FD)
	DOWN PIPING
	UP PIPING
	BUTTERFLY VALVE
	VAVLE
	UNION
	PRESSURE VALVE
	THERMOSTATIC VALVE
	AIR SEPARATOR
	PUMP
	CAP

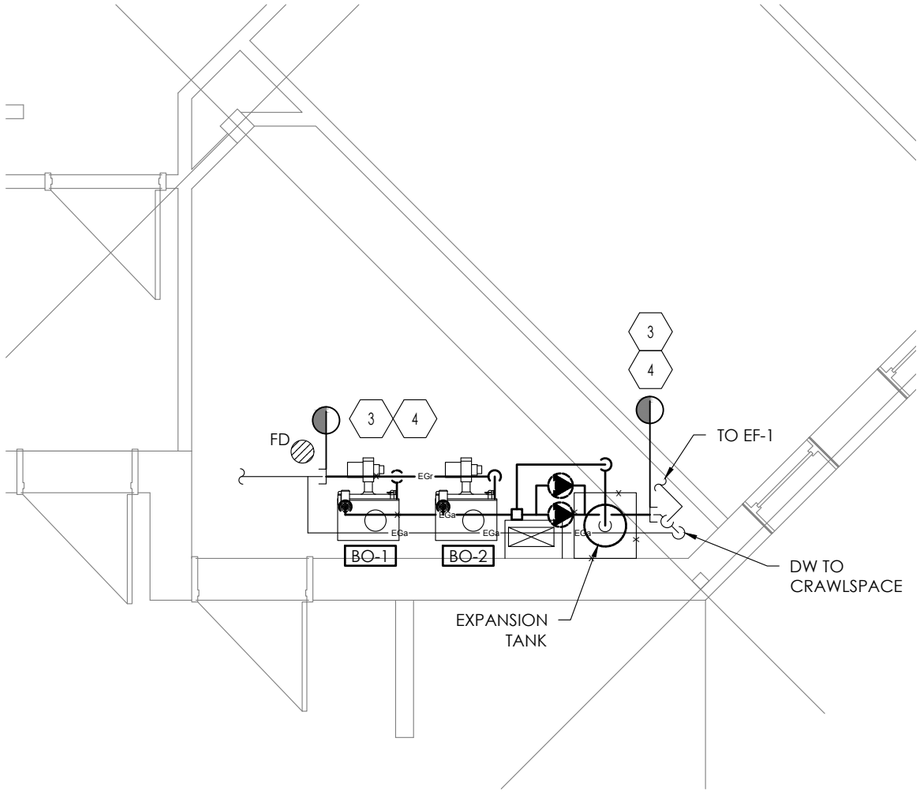
NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



DEMOLITION - BOILER ROOM - OIL

2 / VC-M050

1:50



DEMOLITION - BOILER ROOM - HEATING

1 / VC-M050

1:50

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
DEMOLITION - BOILER ROOM

SCALE
AS SHOWN

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M050 - DEMOLITION - BOILER ROOM

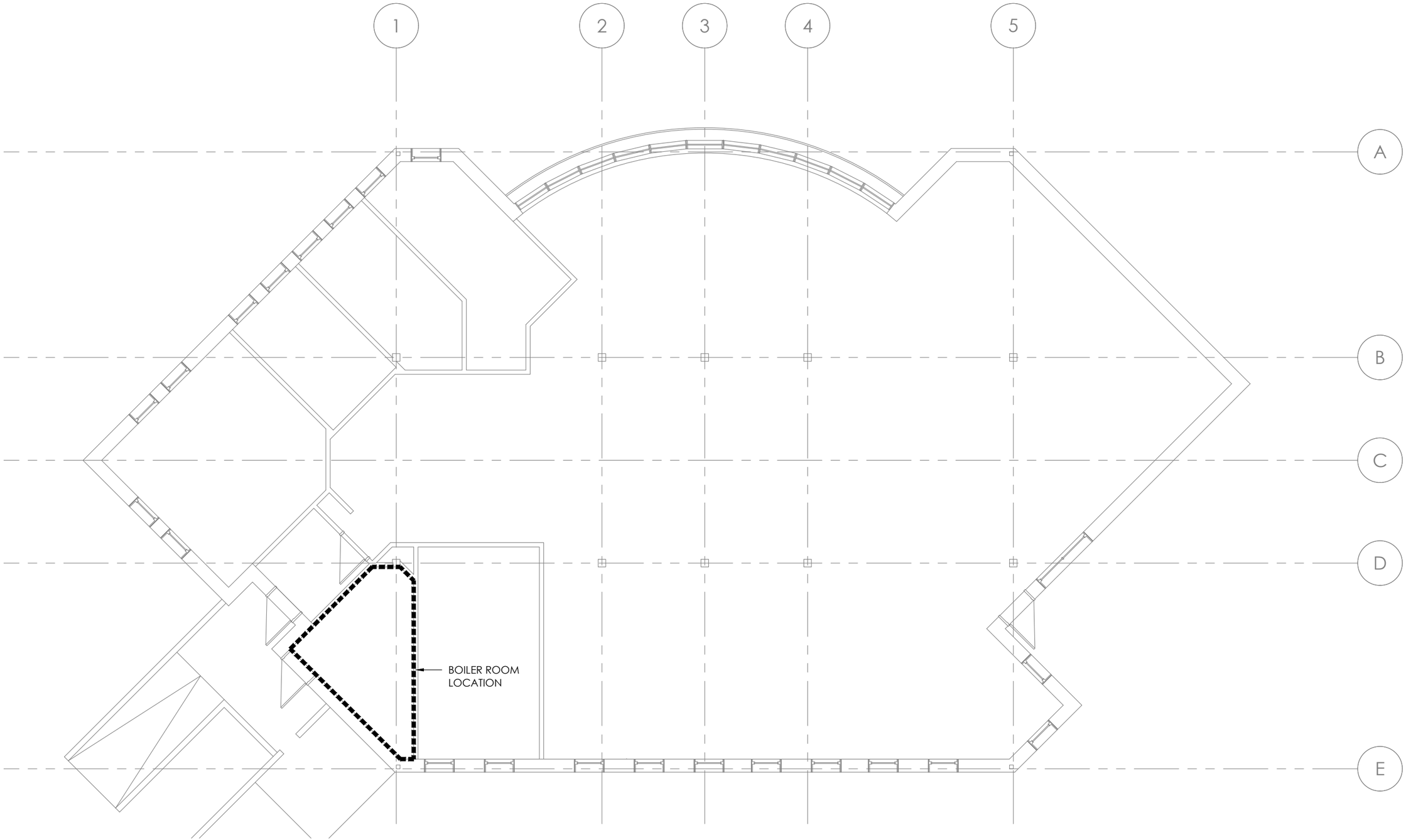
ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-M050

SEAL
REGISTERED PROFESSIONAL ENGINEER
J. F. PELLETIER
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists



ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
FLOOR PLAN

SCALE
1:100

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M100 - FLOOR PLAN

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-M100

SEAL
REGISTERED PROFESSIONAL ENGINEER
J. F. PELLETIER
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION. SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

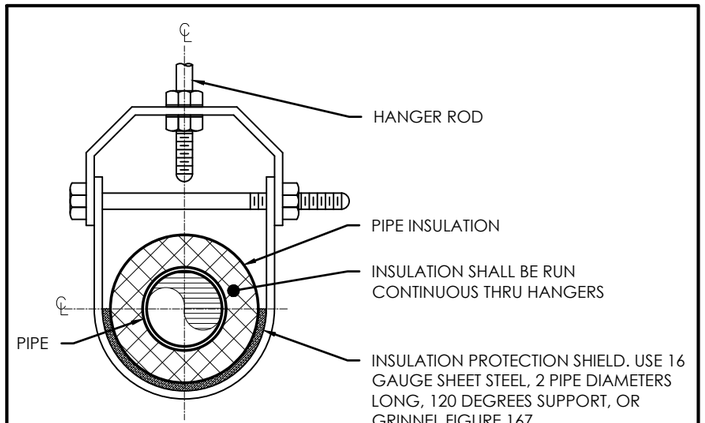
SPECIFIC NOTES:

1. SUPPLY AND INSTALL TWO (2) NEW BOILERS, WEIL-MCLAIN MODEL: WGO-3, 120V/1 PH, 39kW GROSS, 33.7kW NET OUTPUT, C/W RIELO BURNER, REFER TO SPECIFICATIONS.
2. CONNECT TO EXISTING HEATING SYSTEM.
3. SUPPLY AND INSTALL NEW EXPANSION TANK, AMTROL MODEL: AX-40 (V).
4. RELIEF VALVE PIPED BACK TO GLYCOL FEEDER TANK.
5. SUPPLY AND INSTALL GLYCOL FEEDER TANK, AXIOM MODEL: MS300-S, 65 LITERS CAPACITY, WORKING PRESSURE FROM 170kPa TO 240 kPa.
6. SUPPLY AND INSTALL FOUR (4) CIRCULATORS, SEE PUMP SCHEDULE VC-M-400.

LEGEND

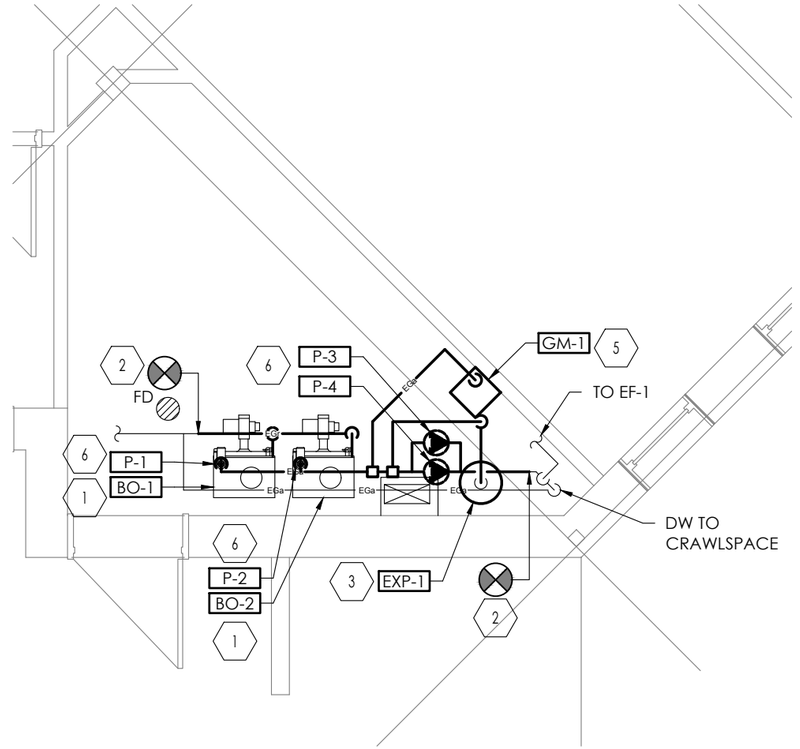
DW	DOWN
NO	NORMALLY OPEN
EXP-1	EXPANSION TANK
GM-1	FEEDER TANK
HC-X	HEATING COIL
P-X	PUMP
	EXISTING SERVICES
EGa	GLYCOL - SUPPLY
EGr	GLYCOL - RETURN
HUI	OIL
FD	FLOOR DRAIN (FD)
	DOWN PIPING
	UP PIPING
	BUTTERFLY VALVE
	VAVLE
	UNION
	PRESSURE VALVE
	THERMOSTATIC VALVE
	THERMOSTATIC VALVE
	PRESSURE GAUGE
	TEMPERATURE PROBE
	THERMOMETER
	AUTOMATIC AIR VENT
	AIR SEPARATOR
	PRESSURE RELIEF VALVE
	PUMP
	CAP
	CONNECT TO EXISTING

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



PIPE HANGER DETAIL — 2 / VC-M200

NONE



NEW - BOILER ROOM - HEATING — 1 / VC-M200

1:50

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
BOILER ROOM PIPING

SCALE AS SHOWN

DRAWN BY D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M200 - BOILER ROOM PIPING

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE VC-M200

SEAL

REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NT/NU
2019-02-07

PERMIT TO PRACTICE — AEDIFICA INC. — Signature — Date 2019-02-07 — PERMIT NUMBER: P 1331 — NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION. SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

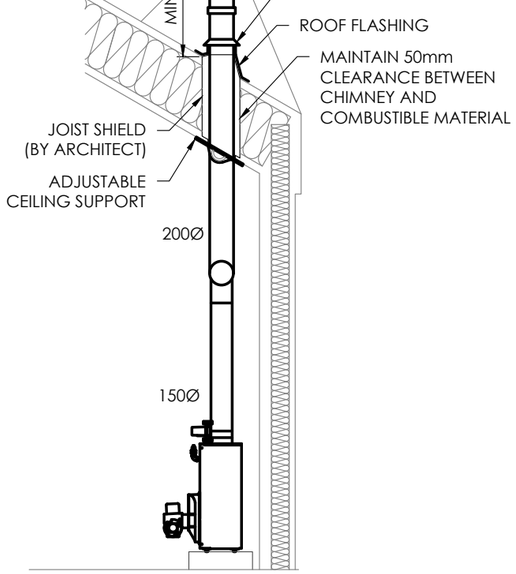
SPECIFIC NOTES:

1. INSTALL DRAFT REGULATORS AND BLOCKED VENT SAFETY SWITCHES (SUPPLIED WITH BOILERS) IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
2. SUPPLY AND INSTALL CHIMNEYS WITH SELKIRK CONNECTORS, TYPE DS.
3. PROVIDE STAINLESS STEEL SECTIONAL INSULATED CHIMNEY, ULC S-604 APPROVED. INSIDE FREE SECTION DIAMETER ARE SHOWN ON PLAN. PROVIDE CHIMNEY WITH ALL REQUIRED ACCESSORIES: LOCKING BAND, CEILING AND ROOF SUPPORTS, ELBOWS AND TEES, PLUGS, FLASHING, STORM COLLAR, ROUND TOP CAP AND ROOF BRACE KIT. SELKIRK ULTRA-TEMP OR APPROVED EQUIVALENT.
4. 150Ø OIL WARM UP PIPE, MINIMUM 600mm IN LENGTH, TO BE CONNECTED TO OIL SUPPLY SYSTEM.
5. STAINLESS STEEL DRIP PAN UNDER BURNERS AND OIL PIPING.

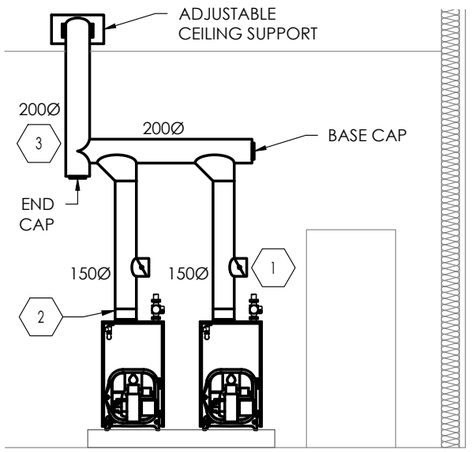
LEGEND

- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
- HUI — OIL
- DOWN PIPING
- UP PIPING
- BUTTERFLY VALVE
- VAVLE
- OIL FILTER
- UNION
- FLEXIBLE CONNECTOR
- AIR BLEEDER
- FUSIBLE HEAD VALVE
- CAP
- CONNECTION TO EXISTING NETWORK

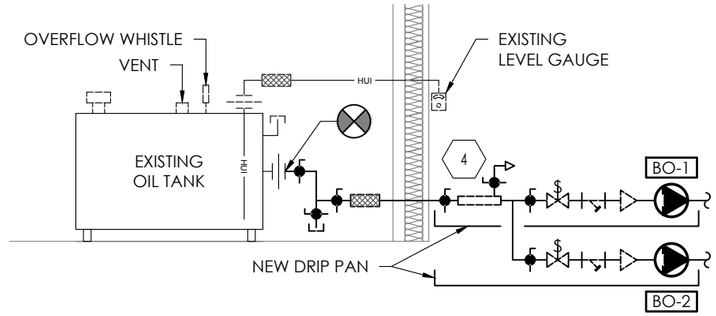
NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



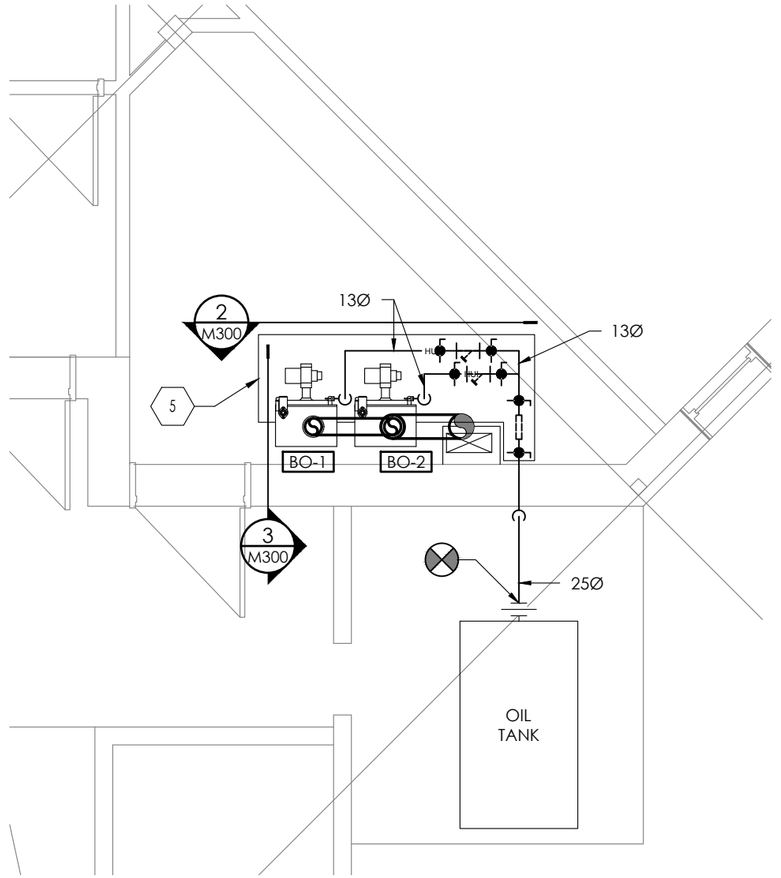
CHIMNEY DETAILS 3
NONE — VC-M300



CHIMNEY DETAILS 2
NONE — VC-M300



OIL TANK DETAILS 4
NONE — VC-M300



BOILER ROOM - OIL DISTRIBUTION 1
1:50 — VC-M300

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
OIL PIPING AND CHIMNEY

SCALE
AS SHOWN

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M300 - OIL PIPING AND CHIMNEY

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-M300

SEAL
REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NTI/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature 2019-02-07
Date
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION. SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

1 SUPPLY AND INSTALL NEW CONTROLLER, TEKMAR 274.

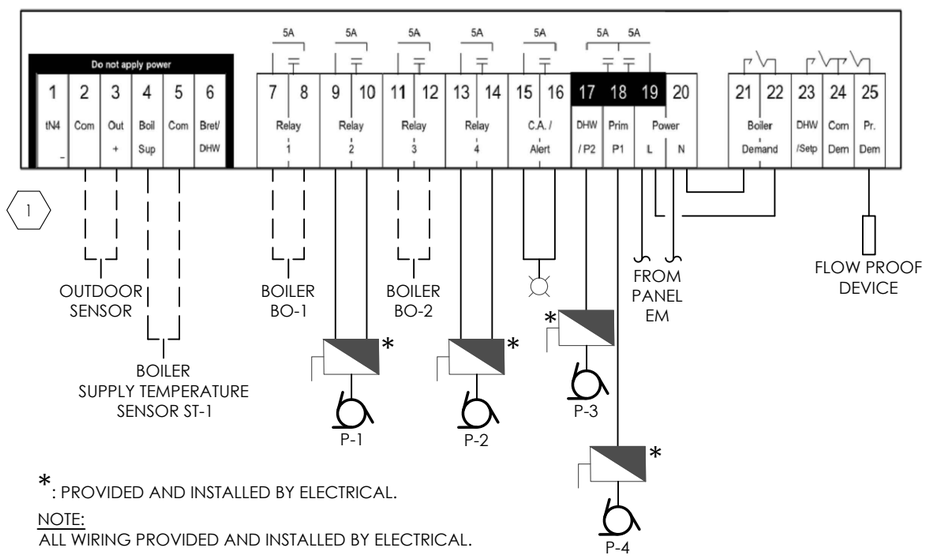
LEGEND

DW	DOWN
NO	NORMALLY OPEN
EXP-1	EXPANSION TANK
GM-1	GLYCOL MIXER
HC-X	HEATING COIL
P-X	PUMP
	EXISTING SERVICES
EGa	GLYCOL - SUPPLY
EGr	GLYCOL - RETURN
HUI	OIL
	24 V (ac)
	120 V (ac)
FD	FLOOR DRAIN (FD)
	DOWN PIPING
	UP PIPING
	BUTTERFLY VALVE
	VAVLE
	UNION
	PRESSURE VALVE
	THERMOSTATIC VAVLVE
	THERMOSTATIC VAVLVE
	PRESSURE GAUGE
	TEMPERATURE PROBE
	THERMOMETER
	AUTOMATIC AIR VENT
	STRAINER
	AIR SEPERATOR
	PRESSURE RELIEF VALVE
	PUMP
	CAP
	FUSED DISCONNECT SWITCH
	MOTOR
	INDICATOR LAMP
	CONNECT TO EXISTING

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.

PUMP SCHEDULE

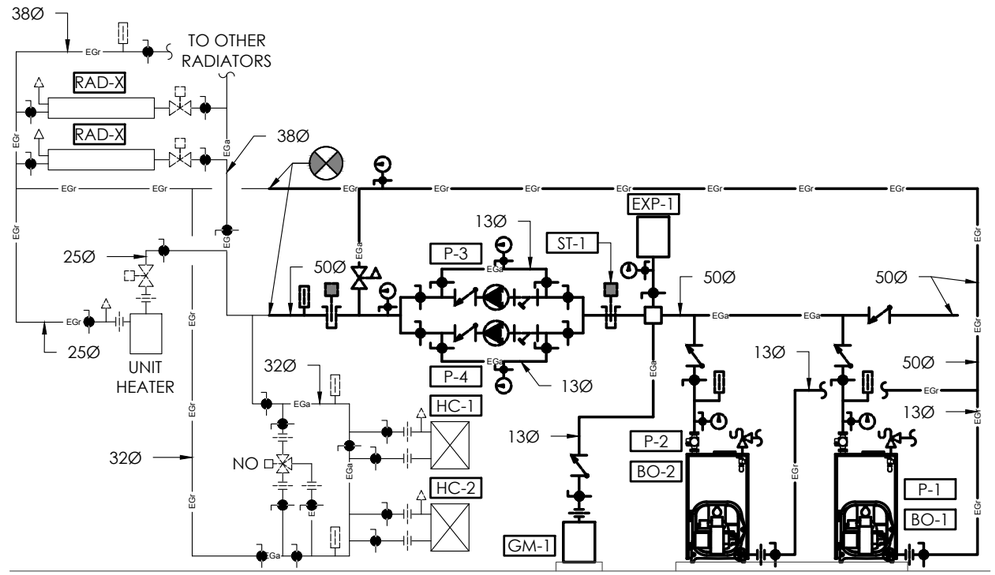
IDENTIFICATION	DESCRIPTION	MODEL	FLOW (L/s)	HEAD (m)	NOTES
P-1 & 2	BOILER CIRCULATION PUMP	GRUNDFOS UPS 26-96F	0.86	3	--
P-3 & 4	CIRCULATION PUMP	GRUNDFOS UPS 50-80/2F	1.6	7.3	--



*: PROVIDED AND INSTALLED BY ELECTRICAL.

NOTE:
ALL WIRING PROVIDED AND INSTALLED BY ELECTRICAL.

CONTROL DIAGRAM 2
NONE VC-M400



GLYCOL DISTRIBUTION 1
NONE VC-M400

ARCHITECTS Ædifica

MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants

STRUCTURAL ENGINEERS SNC·LAVALIN

CLIENT Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
MECHANICAL
DIAGRAMS AND CONTROL

SCALE NONE

DRAWN BY D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\VISITOR CENTER\VC-M400 - DIAGRAMS AND CONTROL

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE VC-M400

SEAL
REGISTERED PROFESSIONAL ENGINEER J. F. PELLETIER LICENSEE NT/NU
2019-02-07

PERMIT TO PRACTICE AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

MAINTENANCE GARAGE AND FENCE REHABILITATION

VISITOR CENTER

Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019

DRAWING	ISSUE	DATE
VC-E000 - ELECTRICAL TITLE PAGE	03	2019-02-08
VC-E050 - SERVICES - GROUND FLOOR - DEMOLITION	03	2019-02-08
VC-E080 - ELECTRICAL DISTRIBUTION AND PANELS	03	2019-02-08
VC-E100 - SERVICES - GROUND FLOOR	03	2019-02-08

ARCHITECTS

architecture + design
Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN STRUCTURAL ENGINEERING

CLIENT

Parcs Canada Parks Canada

LEGEND

	SURFACE FLUORESCENT 1'x4'
$	120V SWITCH
	120/240V SURFACE ELECTRICAL PANEL
	COMBINED MAGNETIC STARTER
	TRANSFERT SWITCH
	FUSED DISCONNECT SWITCH
CP	BOILER CONTROLLER
	24V (AC)
	120V (AC)
	BOILER
	MOTOR
	INDICATOR LAMP
$_U	EMERGENCY SWITCH

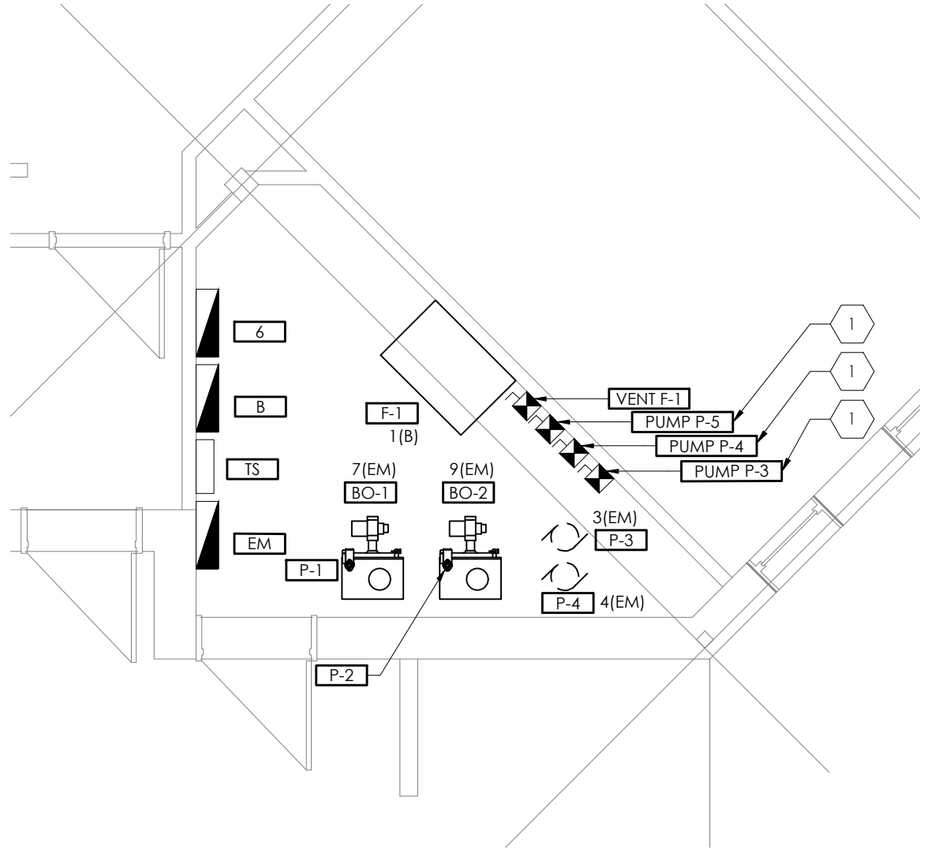
GENERAL NOTES

1- EXCEPT OTHERWISE NOTED, ALL EQUIPMENTS ARE TO BE KEPT.

2- ELECTRICAL WIRING RELATED TO BO-1, BO-2, P-1, P-2, P-3 AND P-4 ARE TO BE DISMANTLED UP TO THE ELECTRICAL PANEL.

SPECIFIC NOTES:

1 TO BE DEMOLISHED.



SERVICES - GROUND FLOOR - DEMOLITION

1:50

1 / VC-E050

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
ELECTRICAL
SERVICES
GROUND FLOOR - DEMOLITION

SCALE 1:50

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\VISITOR CENTER\PCAU-VC-E050-SERVICES AND LIGHTING - GROUND FLOOR DEMOLITION

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-E050

SEAL
REGISTERED PROFESSIONAL ENGINEER
J.P. TCHOUTA
LICENSEE
NUNAVUT
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

PANEL : EM

225 A AMPS

LOCATION : BOILER ROOM
MOUNTING : SURFACE
TYPE : -

VOLTS : 120/240
PHASES : 1
WIRES : 3

NOTES	POLE NO.	DESCRIPTION	BREAKER SIZE	NO. OF POLE	A		B		NO. OF POLE	BREAKER SIZE	DESCRIPTION	POLE NO.	NOTES
-	1	HYDRONIC SYSTEM GM-1 (NEW)	15 A	1	50	0			1	15 A	SPARE	2	-
-	3	SPARE	20 A	1			0	0	1	15 A	SPARE	4	-
-	5	PUMP P-6	20 A	1	0	0			1	15 A	UNIT HEATER	6	-
-	7	BOILER #1	20 A	1			0	0	1	15 A	CONTROL POWER PANEL (EXISTING)	8	-
-	9	BOILER #2	20 A	1	0	0			1	15 A	MIXING VALVE FOR VENTILATION SYSTEM	10	-
-	11	SPARE	20 A	1			0	0	1	15 A	BOILER CONTROL PANEL (NEW)	12	-
TOTAL LOAD :					50		0						

LEGEND :

TC : TIME CLOCK
C : CONTACTOR
E : EXISTING

ELECTRICAL CONNECTION CALCULATION

TOTAL CONNECTED LOAD : 50 W / (240)
TOTAL AMPERAGE : 0 A

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
ELECTRICAL
ELECTRICAL DISTRIBUTION AND PANELS

SCALE NONE
DRAWN BY P.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
VC-E080

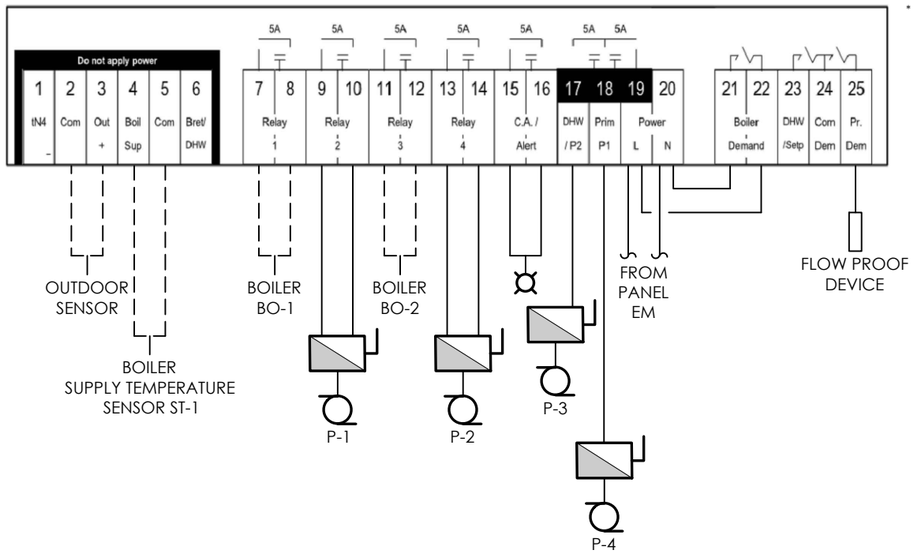
SEAL
REGISTERED PROFESSIONAL ENGINEER
J.F. TCHOUTA
LICENSEE
NWT/NU
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\VISITOR CENTER\PCAU-VC-E080-ELECTRICAL DISTRIBUTIONS AND PANELS

LEGEND

- SURFACE FLUORESCENT 1'x4'
- 120V SWITCH
- 120/240V SURFACE ELECTRICAL PANEL
- COMBINED MAGNETIC STARTER
- TRANSFERT SWITCH
- FUSED DISCONNECT SWITCH
- CP — BOILER CONTROLLER
- 24V (AC)
- 120V (AC)
- BOILER
- MOTOR
- INDICATOR LAMP
- $_U — EMERGENCY SWITCH

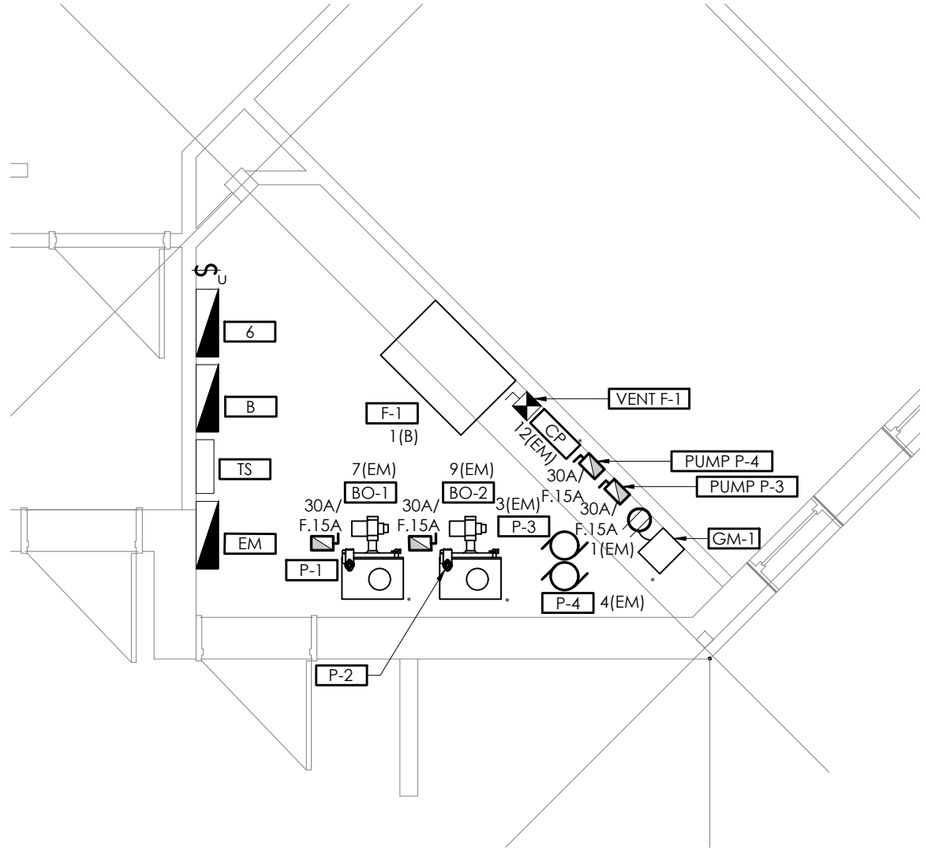


* : CONTROL PANEL, ACCESSORIES AND BOILER PROVIDED BY MECHANICAL.

GENERAL NOTES:

1 - ALL SAFETY SWITCHES ARE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

2 - ALL WIRING PROVIDED AND INSTALLED BY ELECTRICAL (2#12 AWG+1#12 GND IN 1/2" CONDUIT).



CONTROL DIAGRAM 2
NONE VC-E100

SERVICES - GROUND FLOOR 1
1:50 VC-E100

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
VISITOR CENTER
ELECTRICAL
SERVICES
GROUND FLOOR

SCALE 1:50

DRAWN BY P.P.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-06
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE VC-E100

SEAL
REGISTERED PROFESSIONAL ENGINEER J.P. TCHOUTA LICENSEE NUNAVUT
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\VISITOR CENTER\PCAU-VC-E100-SERVICES AND LIGHTING - GROUND FLOOR

MAINTENANCE GARAGE AND FENCE REHABILITATION

WHITE HOUSE

Pangnirtung, Nunavut

PCAU-01-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 8TH 2019

DRAWING	EMISSION	DATE
WH-A101 - FLOOR PLAN	04	2019-02-08
WH-A102 - SECOND FLOOR PLAN	03	2019-02-08
WH-A103 - ROOF PLAN	03	2019-02-08
WH-A551 - GENERAL SECTION AND DETAIL	03	2019-02-08

ARCHITECTS

architecture+design
Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

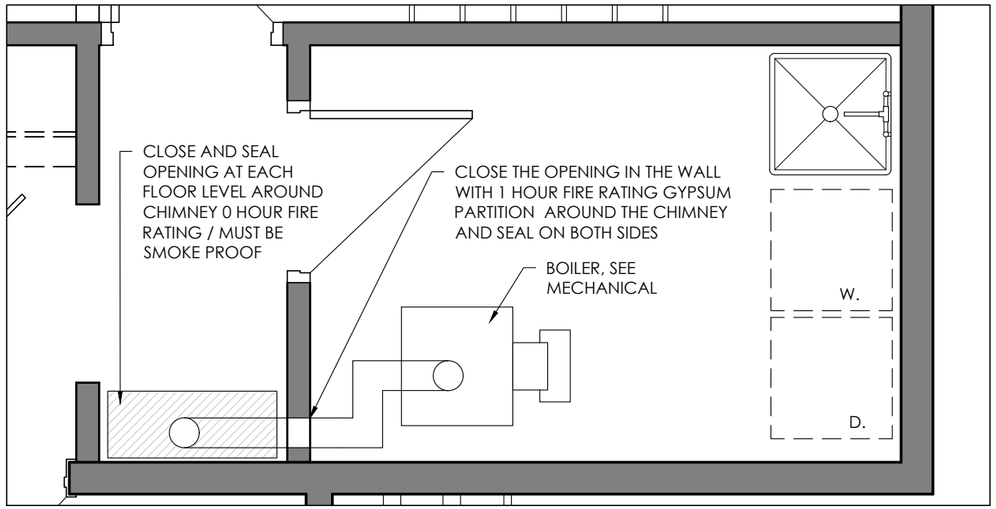
ENGINEERS

Ædifica consultants

SNC·LAVALIN

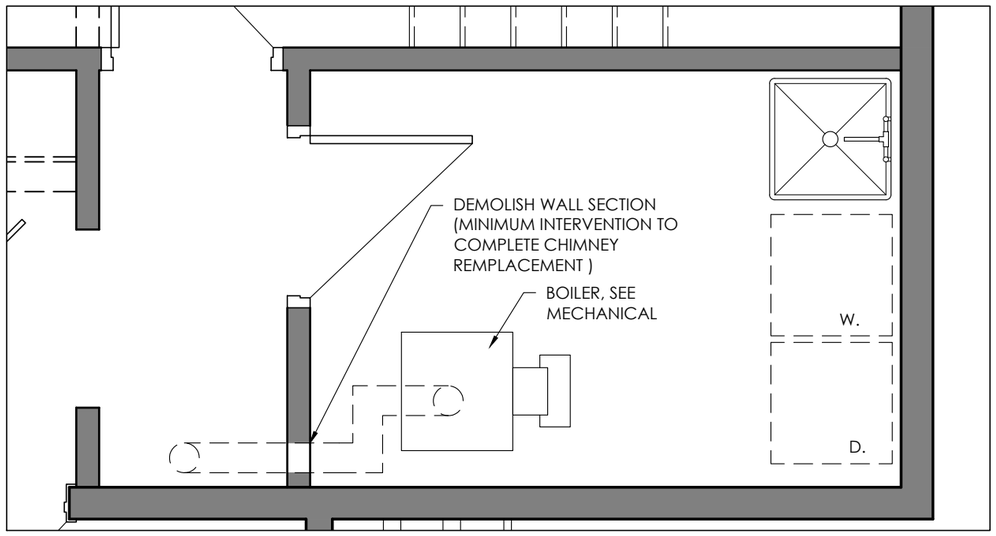
CLIENT

Parcs Canada Parks Canada



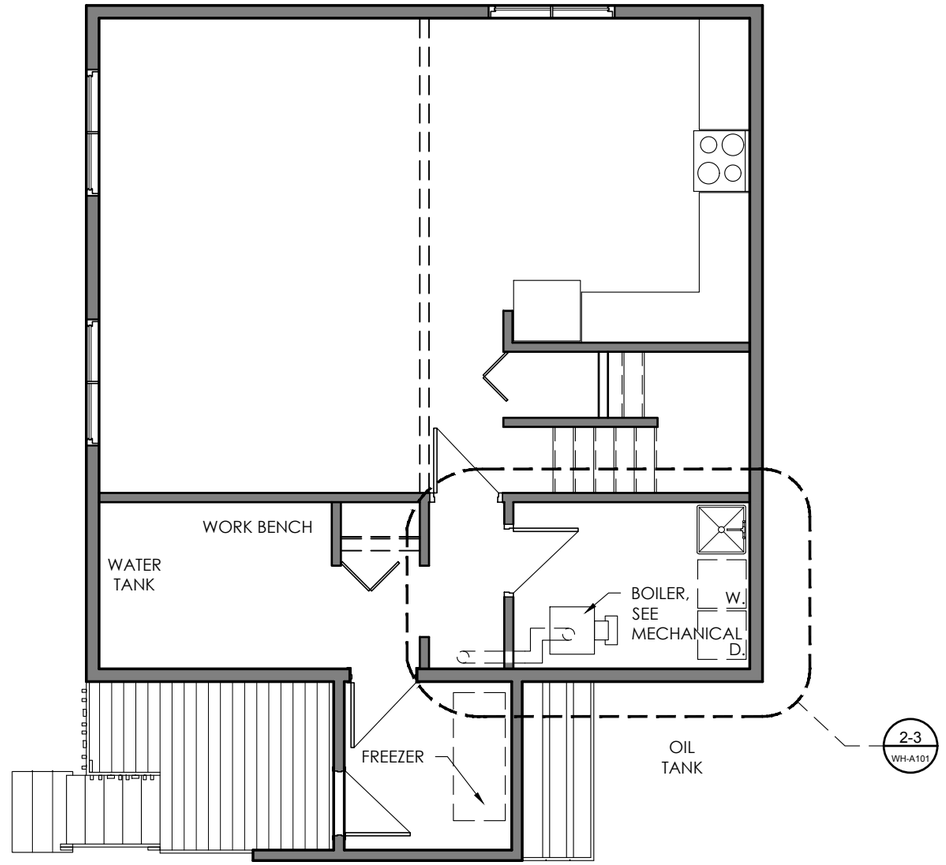
CLOSE UP UTILITY ROOM CONSTRUCTION 1:30

3 / WH-A101



CLOSE UP UTILITY ROOM DEMOLITION 1:30

2 / WH-A101



FLOOR PLAN WHITE HOUSE 1:75

1 / WH-A101

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
WHITE HOUSE
GROUND FLOOR PLAN

SCALE 1:75

DRAWN BY C.P./E.P./S.P.

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -WHITE HOUSE

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR SURVEY REPORT	2018-10-05
02	ISSUED FOR 60%	2018-12-07
03	ISSUED FOR 100%	2019-01-25
04	ISSUED FOR TENDER	2019-02-08

PAGE WH-A101

SEAL

LEGEND - CONSTRUCTION / DEMOLITION

EXISTING WALL TO REMAIN

EXISTING WALL TO BE DEMOLISHED

WALL

SURFACE TO BE DEMOLISHED

PARTITION WALL TAG

PARTITION NR.

U/B : SLAB TO UNDESIDE OF BEAM (OR TRUSSES)

- : NO FIRE RATING

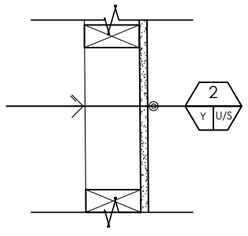
SPECIFIC DEMOLITION NOTES

D1 PROTECT BATH AND SERVICES

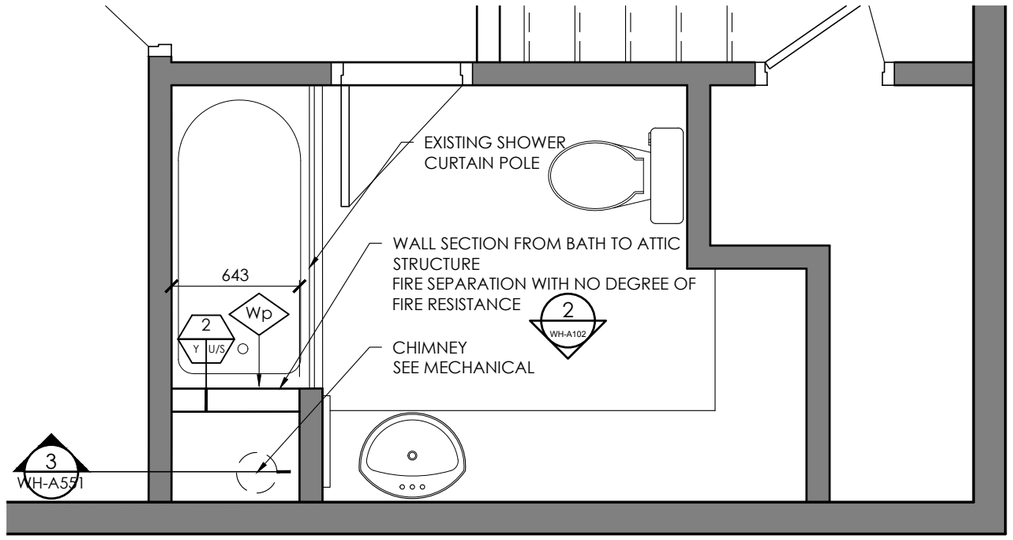
D2 REMOVE AND REINSTALL POLE AND SHOWER CURTAIN

MATERIAL LEGEND:

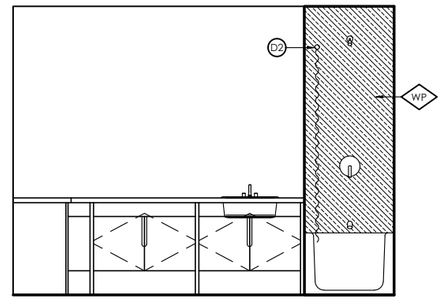
Wp FULL HEIGHT AND WIDTH GLUED WHITE VINYL WALL PROTECTION



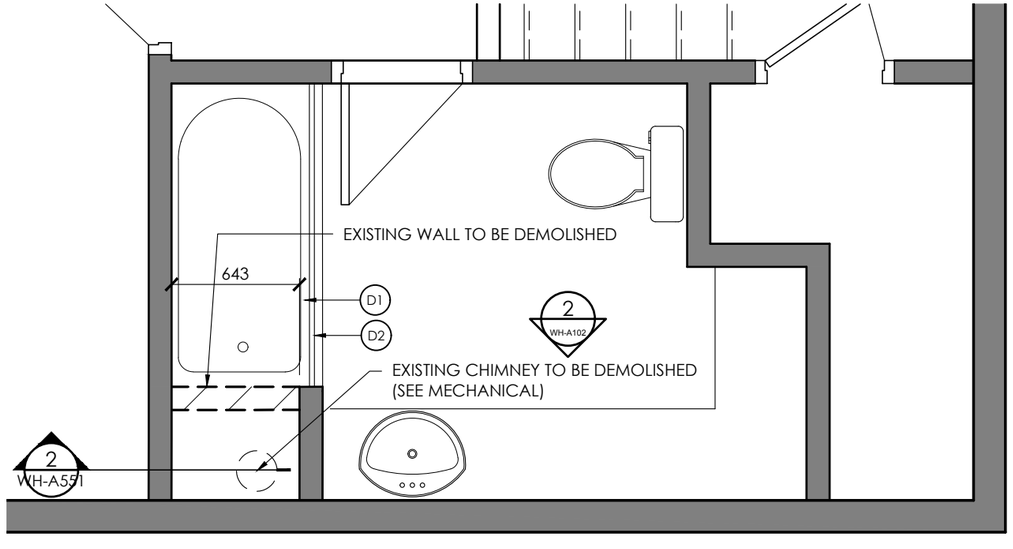
INTERIOR PARTITION WALL TYPE 2
- WATERPROOF GYPSUM PANEL 16MM
- 38 MM x 89 MM WOOD STUD @ 400 C.C.



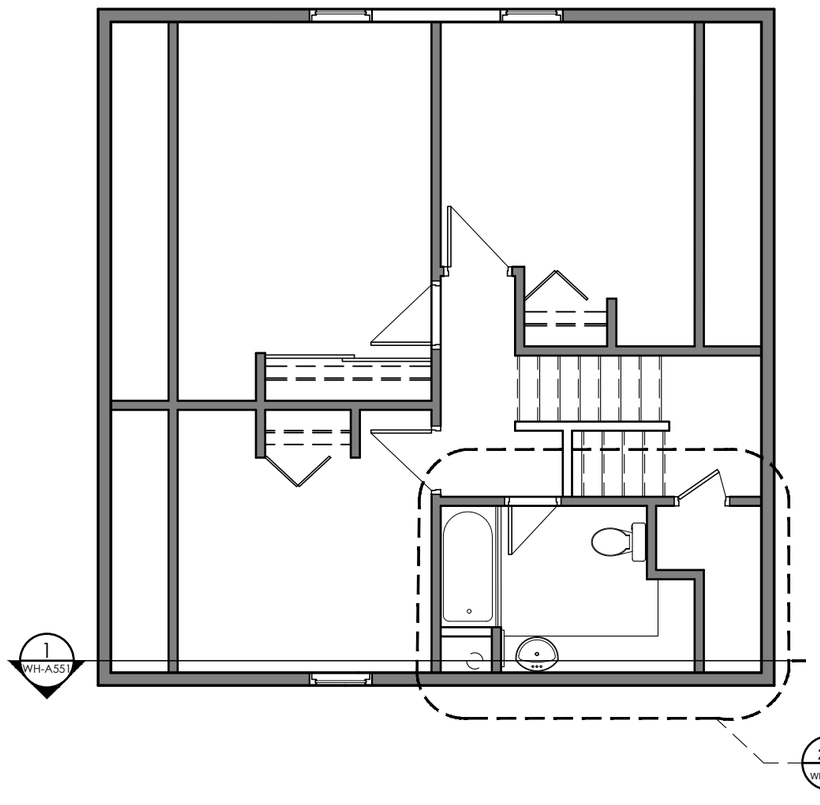
CLOSE UP BATHROOM CONSTRUCTION 1:30 — 4 / WH-A102



BATHROOM ELEVATION CONSTRUCTION 1:50 — 2 / WH-A102



CLOSE UP BATHROOM DEMOLITION 1:30 — 3 / WH-A102



SECOND FLOOR PLAN WHITE HOUSE 1:75 — 1 / WH-A102

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -WHITE HOUSE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
WHITE HOUSE
SECOND FLOOR PLAN

SCALE 1:75

DRAWN BY V.F.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE WH-A102

SEAL

LEGEND - CONSTRUCTION / DEMOLITION

EXISTING WALL TO REMAIN

EXISTING WALL TO BE DEMOLISHED

WALL

SURFACE TO BE DEMOLISHED

PARTITION WALL TAG

PARTITION NR.

U/B : SLAB TO UNDESIDE OF BEAM (OR TRUSSES)

- : NO FIRE RATING

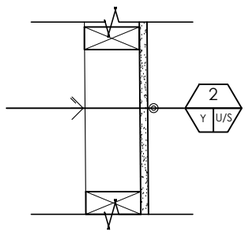
SPECIFIC DEMOLITION NOTES

D1 PROTECT BATH AND SERVICES

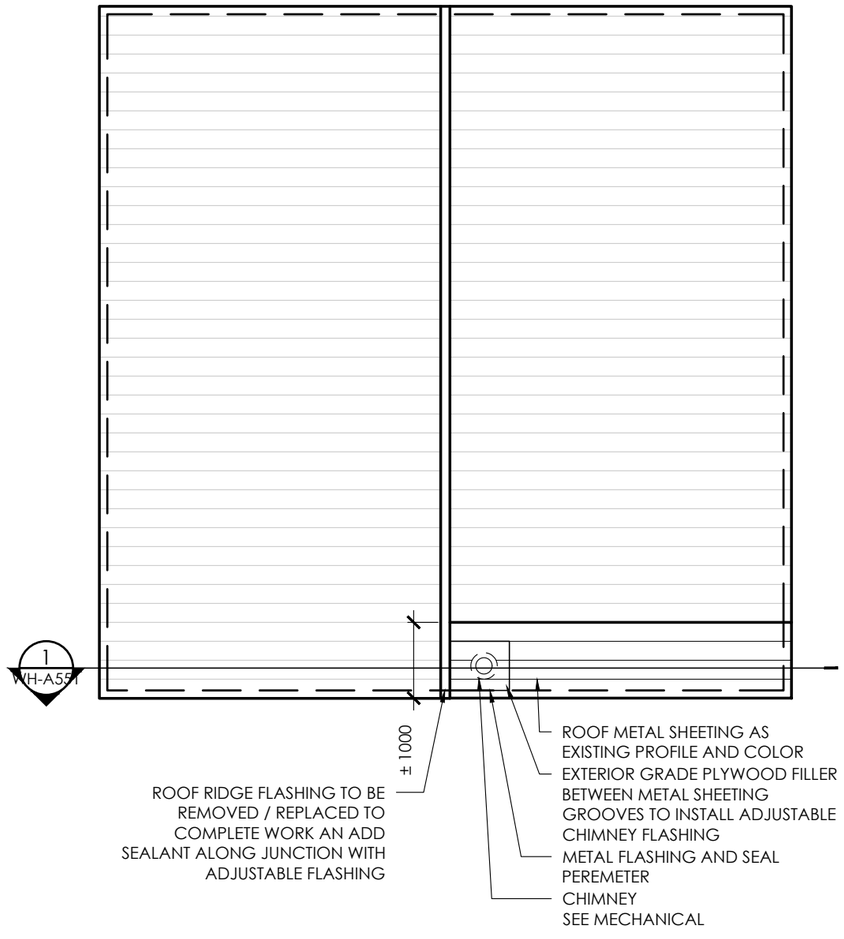
D2 REMOVE AND REINSTALL POLE AND SHOWER CURTAIN

MATERIAL LEGEND:

Wp FULL HEIGHT AND WIDTH GLUED WHITE VINYL WALL PROTECTION

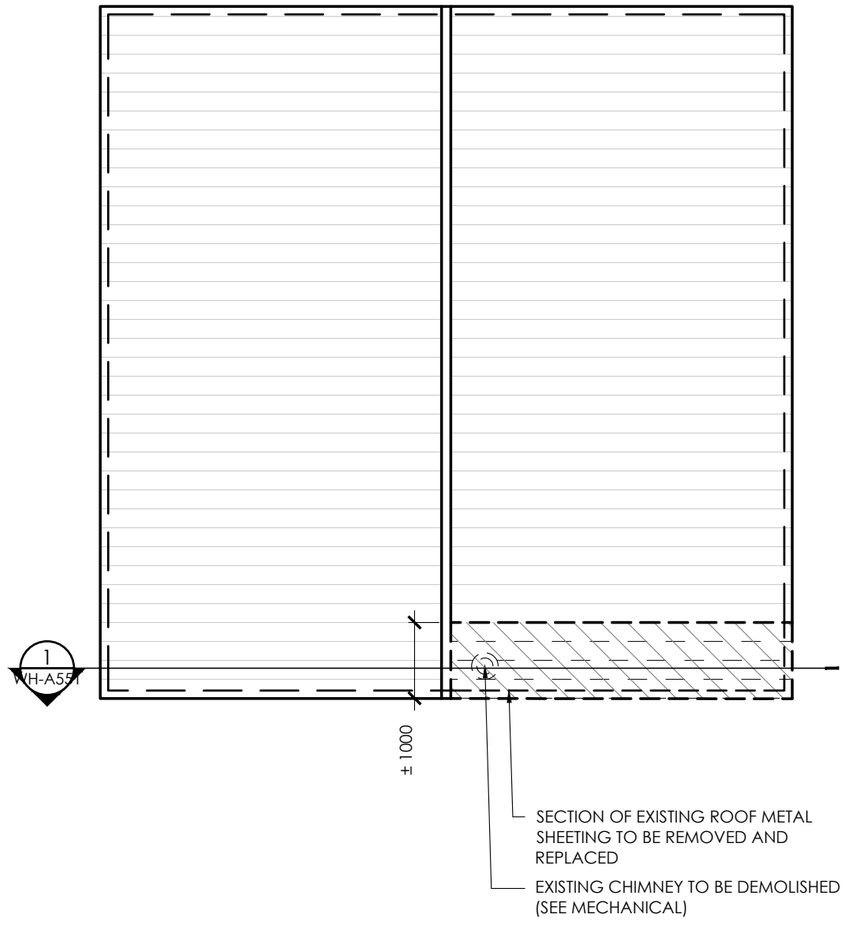


INTERIOR PARTITION WALL TYPE 2
- WATERPROOF GYPSUM PANEL 16MM
- 38 MM x 89 MM WOOD STUD @ 400 C.C.



ROOF PLAN WHITE HOUSE - CONSTRUCTION 2

1:75 WH-A103



ROOF PLAN WHITE HOUSE - DEMOLITION 1

1:75 WH-A103

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -WHITE HOUSE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
WHITE HOUSE
ROOF PLAN

SCALE
1:75

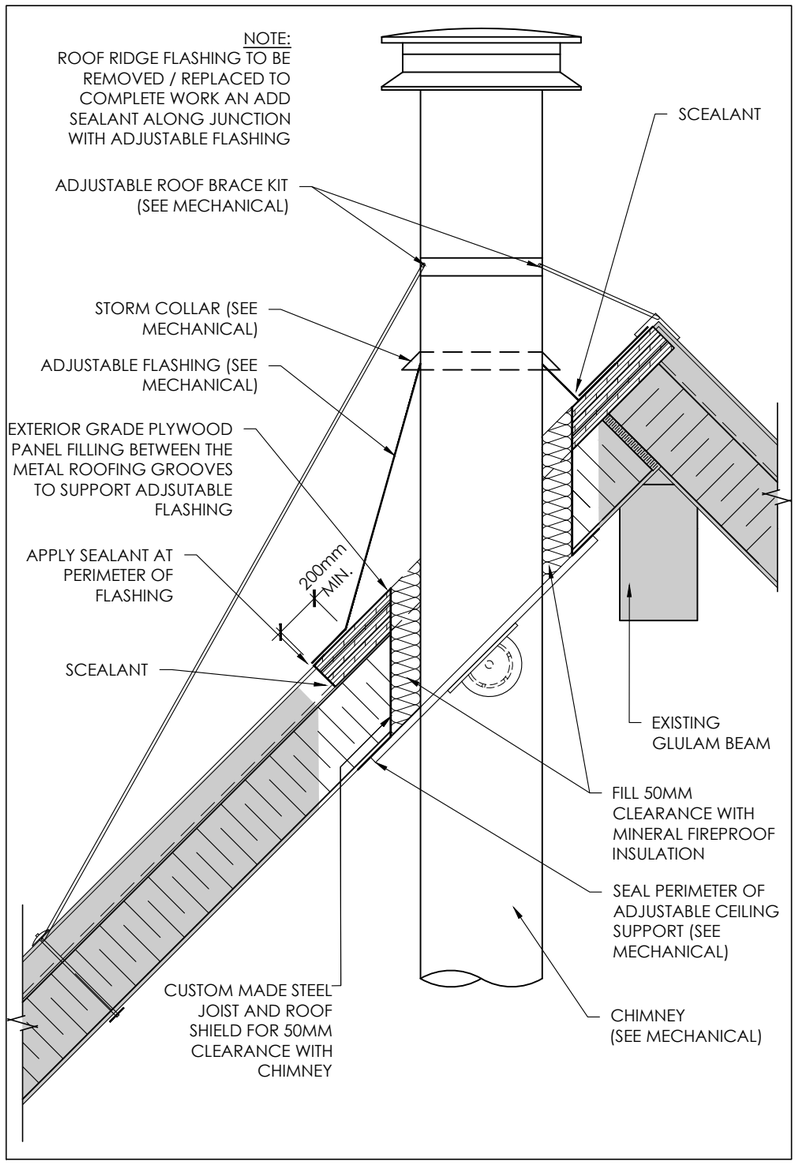
DRAWN BY
V.F.

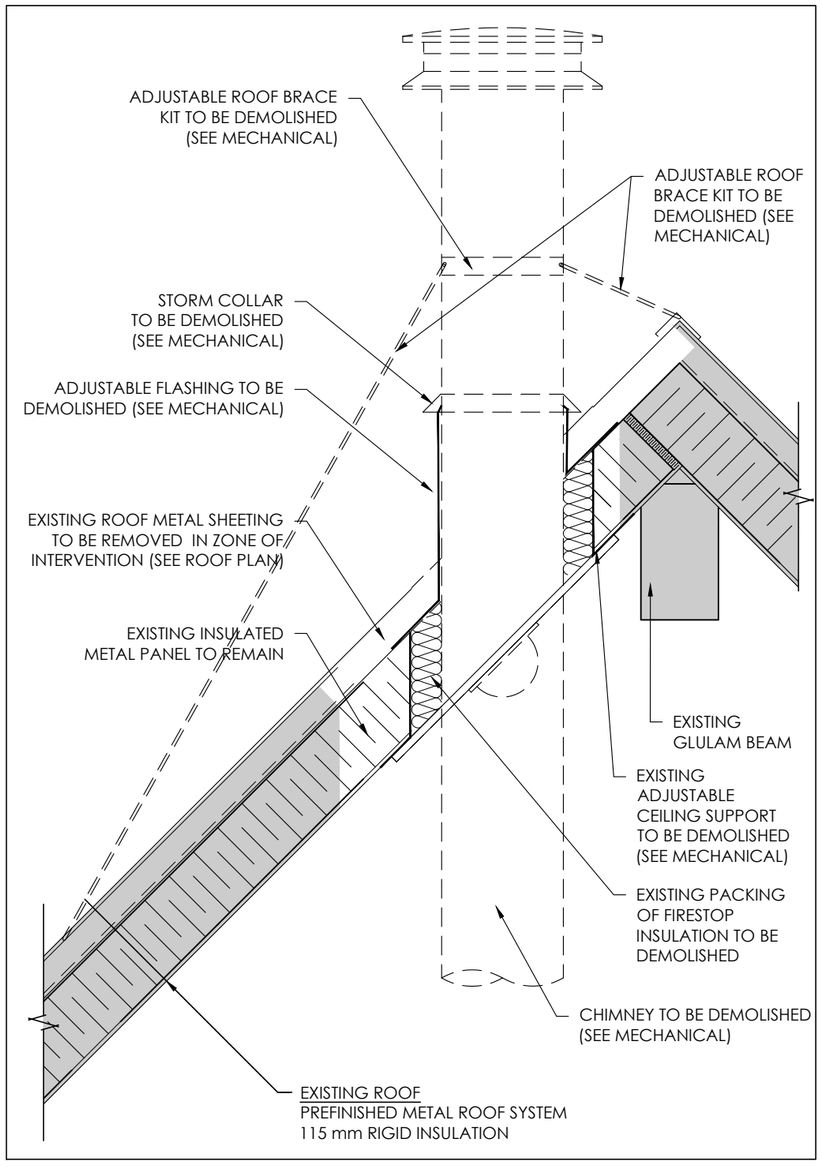
ISSUES

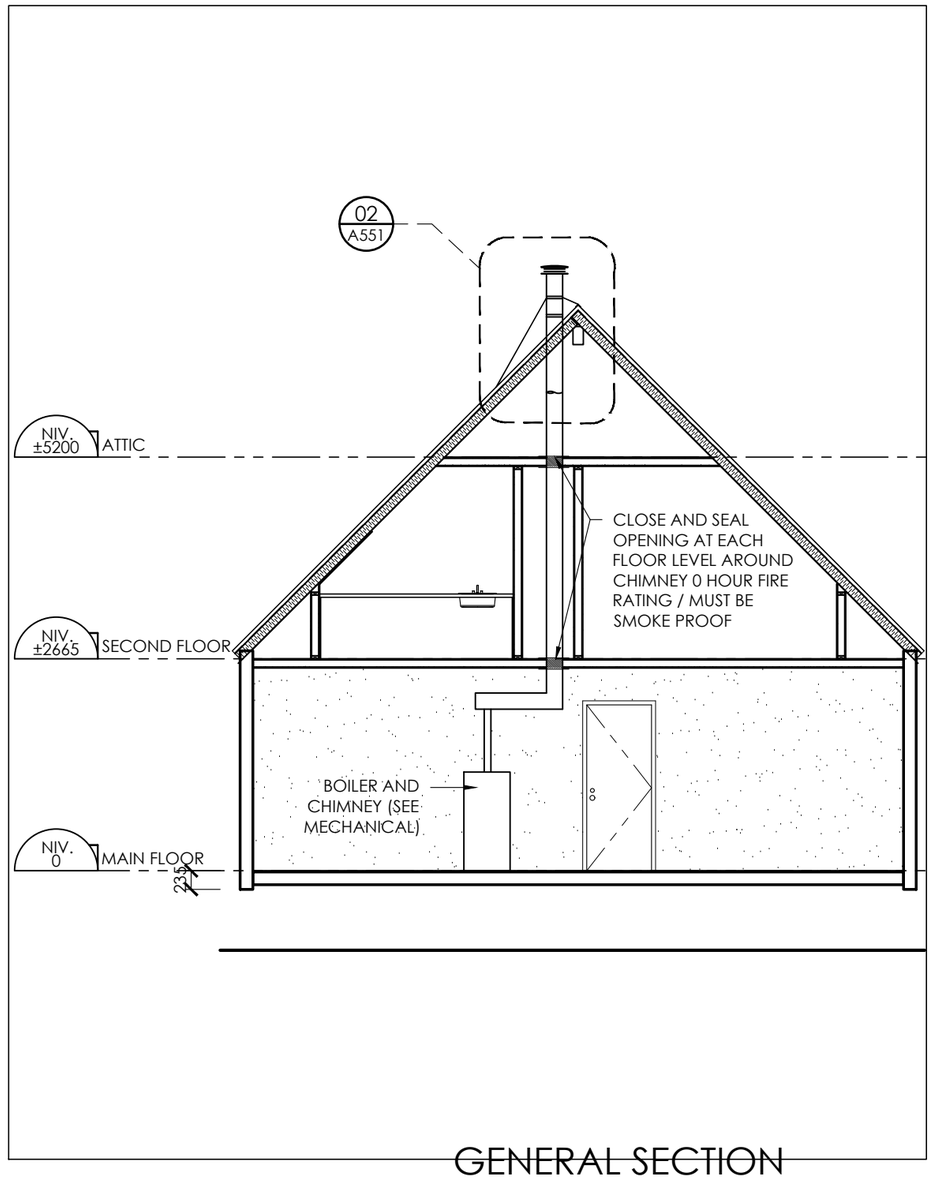
No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE
WH-A103

SEAL







CHIMNEY DETAIL - CONSTRUCTION 3
1:10 WH-A551

CHIMNEY DETAIL - DEMOLITION 2
1:10 WH-A551

GENERAL SECTION EXISTING CONDITIONS WHITE HOUSE 1
1:75 WA-A551

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

H:\1-ARCH\PCAU-01-02 PANGNIRTUNG PARCS CANADA\DESSINS\PCAU -WHITE HOUSE

PROJECT PCAU-01-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG, NUNAVUT

DRAWING
WHITE HOUSE
GENERAL SECTION AND DETAIL

SCALE N/A

DRAWN BY S.T.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60%	2018-12-07
02	ISSUED FOR 100%	2019-01-25
03	ISSUED FOR TENDER	2019-02-08
04		

PAGE WH-A551

SEAL

MAINTENANCE GARAGE AND FENCE REHABILITATION

WHITE HOUSE

Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 08TH, 2019

DRAWING	ISSUE	DATE
WH-M000 - MECHANICAL TITLE PAGE	03	2019-02-08
WH-M050 - DEMOLITION - FLOOR PLAN	03	2019-02-08
WH-M100 - FLOOR PLAN	03	2019-02-08
WH-M200 - BOILER ROOM PIPING AND CHIMNEY	03	2019-02-08
WH-M300 - BOILER ROOM DETAILS, DIAGRAMS AND CONTROLS	03	2019-02-08
WH-M400 - CONTROLS AND DIAGRAMS	02	2019-02-08

ARCHITECTS

architecture+design
Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514.844.6611
F 514.844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN STRUCTURAL ENGINEERING

CLIENT

Parcs Canada Parks Canada

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

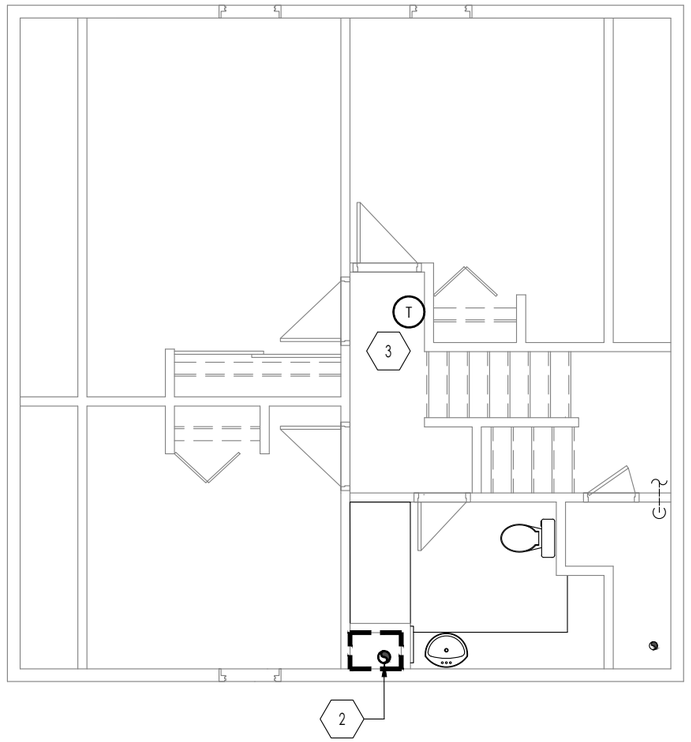
SPECIFIC NOTES:

1. EXISTING BOILER, PIPING AND ACCESSORIES TO BE DEMOLISHED.
2. DEMOLISH CHIMNEY COMPLETLY INCLUDING THROUGH THE ATTIC AND THE ROOF.
3. DEMOLISH THERMOSTAT AND REMOVE WIRING.
4. DEMOLISH OIL PIPING FROM BOILER TO ISOLATION VALVE OF OIL TANK.

LEGEND

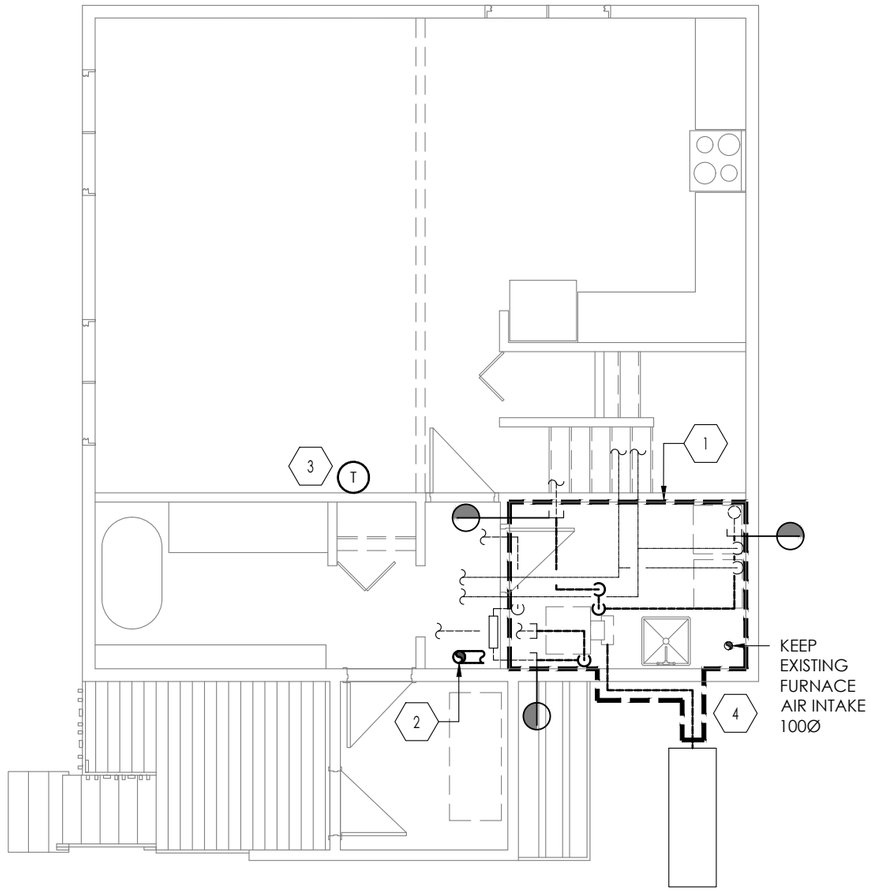
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
	DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
	DEMOLISHION LIMIT
	FLOW DIRECTION
EGd	GLYCOL - SUPPLY
EGr	GLYCOL - RETURN
HUI	OIL
	DOWN PIPING
	UP PIPING
	CAP

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



DEMOLITION - SECOND FLOOR PLAN

1:75 — 2 / WH-M050



DEMOLITION - GROUND FLOOR PLAN

1:75 — 1 / WH-M050

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
WHITE HOUSE
MECHANICAL
DEMOLITION - FLOOR PLAN

SCALE 1:75

DRAWN BY D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\WHITE HOUSE\PCAU-WH-M050 DEMOLITION - GROUND FLOOR PLAN

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE WH-M050

SEAL
REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NT/NU
2019-02-07

PERMIT TO PRACTICE AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

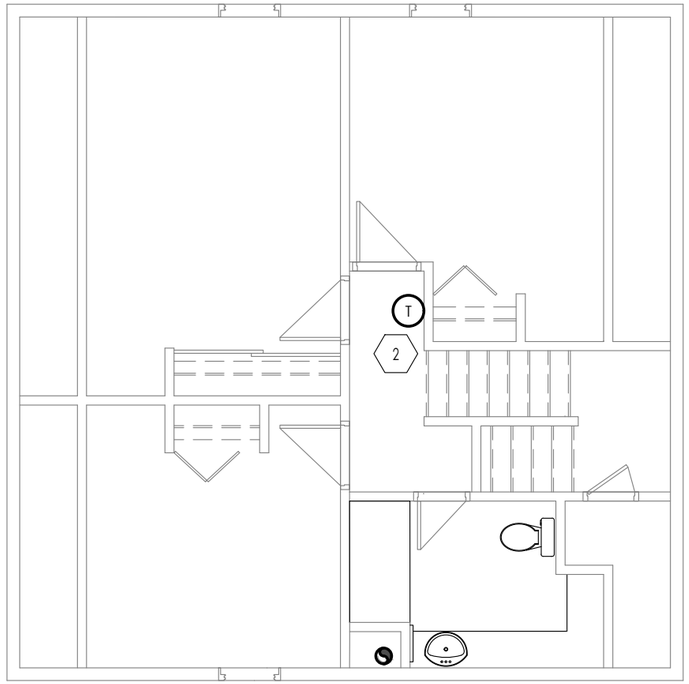
SPECIFIC NOTES:

1. ENLARGED BOILER ROOM, SEE PLAN WH-M200.
2. SUPPLY AND INSTALL NEW THERMOSTAT, TEKMAR 518.

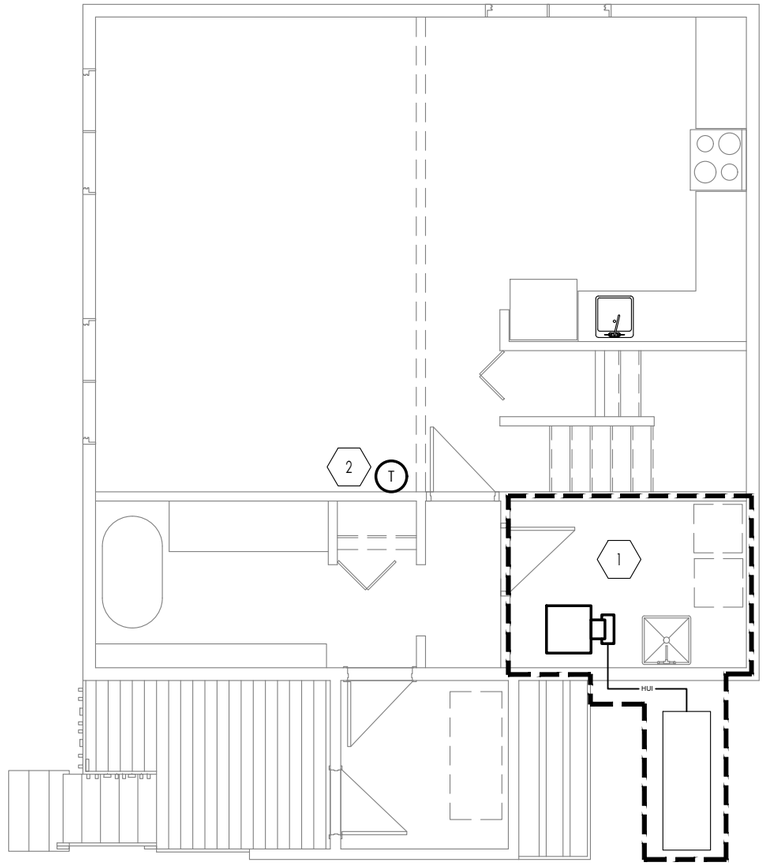
LEGEND

	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	SUPPLY DUCT AND RETURN DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
	DIFFUSER OR GRILLE INSTALL ON WALL OR ON THE SIDE
	DEMOLITION LIMIT
	FLOW DIRECTION
EGd	GLYCOL - SUPPLY
EGr	GLYCOL - RETURN
HUI	OIL
	DOWN PIPING
	UP PIPING
	CAP
T	THERMOSTAT

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



SECOND FLOOR PLAN 2
1:75 WH-M100



GROUND FLOOR PLAN 1
1:75 WH-M100

ARCHITECTS
Édifica

MECHANICAL/ELECTRICAL ENGINEERS
Édifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
WHITE HOUSE
MECHANICAL
FLOOR PLAN

SCALE
1:75

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\WHITE HOUSE\PCAU-WH-M100 - FLOOR PLAN

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE
WH-M100

SEAL
REGISTERED PROFESSIONAL ENGINEER
J. F. PELLETIER
LICENSEE
NT/NU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

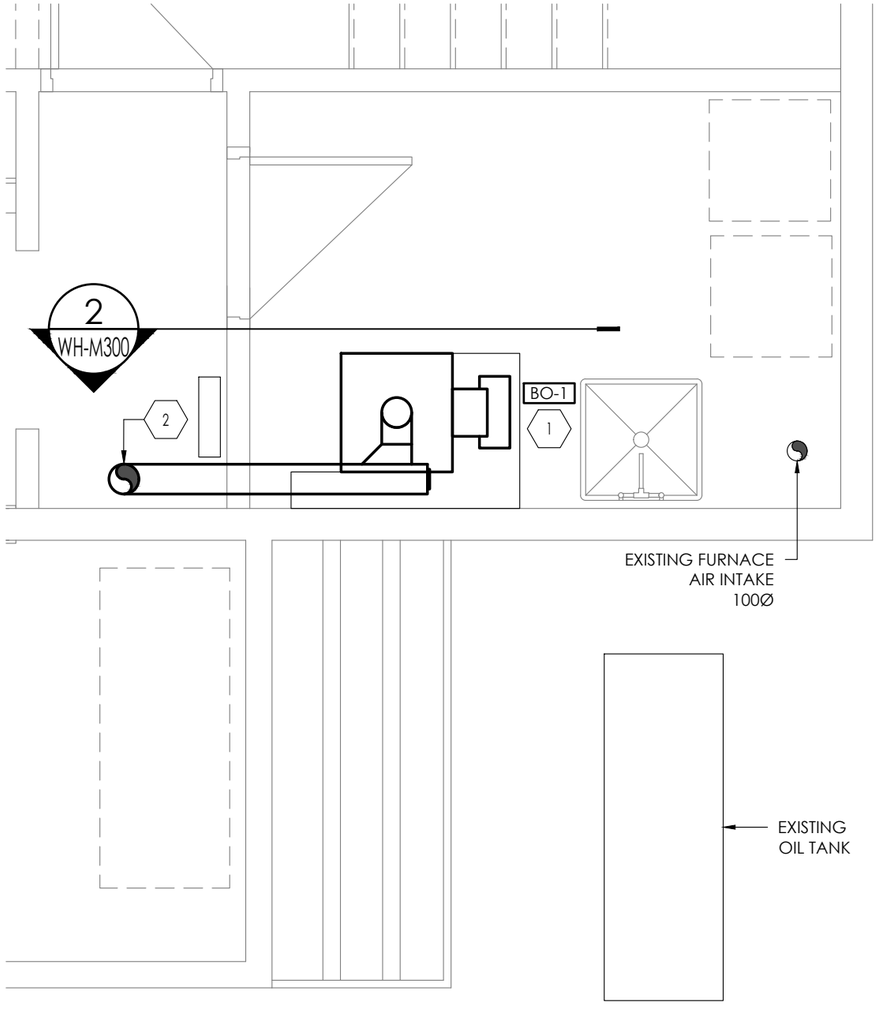
SPECIFIC NOTES:

1. SUPPLY AND INSTALL NEW BOILER, SEE DETAILS ON PLAN WH-M300.
2. SUPPLY AND INSTALL NEW CHIMNEY, 150 Ø.
3. SUPPLY AND INSTALL TWO (2) CIRCULATORS, GRUNDFOS MODEL: UPS 15-42F, 115V/1PH.
4. SUPPLY AND INSTALL NEW OIL PIPING. REFER TO OIL DIAGRAM FOR SIZING.

LEGEND

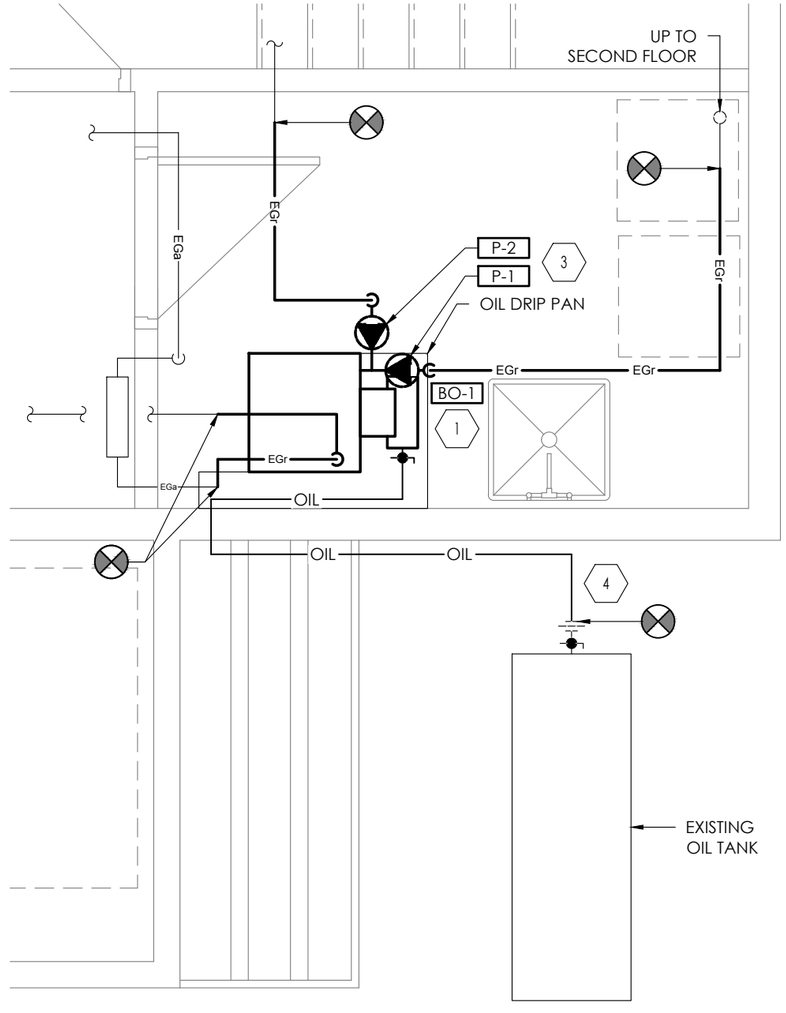
- EXHAUST DUCT
- EXHAUST DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
- EGd — HOT WATER - SUPPLY
- EGr — HOT WATER - RETURN
- OIL — OIL
- DOWN PIPING
- UP PIPING
- BUTTERFLY VALVE
- VALVE
- OIL FILTER
- UNION
- FLEXIBLE CONNECTOR
- AIR BLEEDER
- FUSIBLE HEAD VALVE
- CONCENTRIC REDUCER
- CAP
- CONNECT TO EXISTING

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



BOILER ROOM - CHIMNEY

1:30 — 2 / WH-M200



BOILER ROOM - PIPING

1:30 — 1 / WH-M200

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\WHITE HOUSE\PCAU-WH-M200 - BOILER ROOM PIPING, DIAGRAMS AND CONTROLS

DRAWING
WHITE HOUSE
MECHANICAL
BOILER ROOM PIPING AND CHIMNEY

SCALE AS SHOWN

DRAWN BY D.M.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE WH-M200

SEAL
REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NTNU
2019-02-07

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NTNU Association of Professional Engineers and Geoscientists

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING DEMOLITION.
SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

VERIFY EXISTING CONDITIONS ON SITE

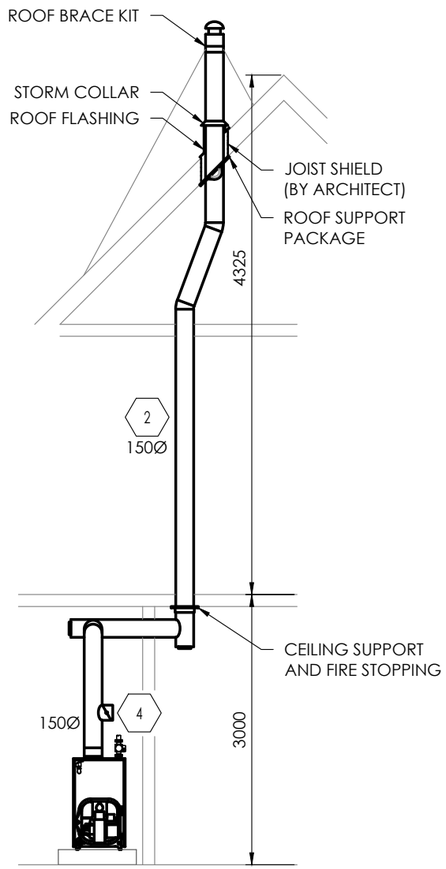
SPECIFIC NOTES:

1. SUPPLY AND INSTALL NEW BOILER, WEIL-MCLAIN MODEL: WGO-2, 120V/1PH, 28kW GROSS, 25kW NET OUTPUT, C/W RIELO BURNER, REFER TO SPECIFICATIONS.
2. PROVIDE AND INSTALL STAINLESS STEEL SECTIONAL INSULATED CHIMNEY, ULC S-604 APPROVED. INSIDE FREE SECTION DIAMETER ARE SHOWN ON PLAN. PROVIDE CHIMNEY WITH ALL REQUIRED ACCESSORIES: LOCKING BAND, CEILING AND ROOF SUPPORTS, ELBOWS AND TEES, PLUGS, FLASHING, STORM COLLAR, ROUND TOP CAP AND ROOF BRACE KIT. SELKIRK ULTRA-TEMP OR APPROVED EQUIVALENT.
3. 150Ø OIL WARM UP PIPE, MINIMUM 600mm IN LENGTH, TO BE CONNECTED TO OIL SUPPLY SYSTEM.
4. INSTALL DRAFT REGULATORS AND BLOCKED VENT SAFETY SWITCH (SUPPLIED WITH BOILERS) IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
5. SUPPLY AND INSTALL NEW EXPANSION TANK, EXTROL MODEL: AX-15 (V).
6. SUPPLY AND INSTALL TWO (2) CIRCULATORS, GRUNDFOS MODEL: UPS 15-42F, 115V/1PH, 0.32 L/s, 3.6 m OF HEAD.

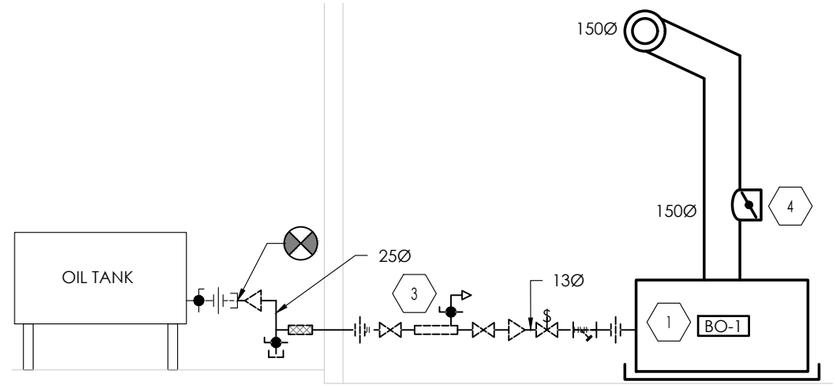
LEGEND

	EXHAUST DUCT
	EXHAUST DUCT THROUGH THE ROOF OR SLAB UP OR DOWN ACCORDING TO THE INSTRUCTIONS
EGd	HOT WATER - SUPPLY
EGr	HOT WATER - RETURN
HUI	OIL
	DOWN PIPING
	UP PIPING
	BUTTERFLY VALVE
	VALVE
	OIL FILTER
	UNION
	FLEXIBLE CONNECTOR
	AIR BLEEDER
	FUSIBLE HEAD VALVE
	CONCENTRIC REDUCER
	CAP
	PRESSURE RELIEF VALVE
	CONNECT TO EXISTING

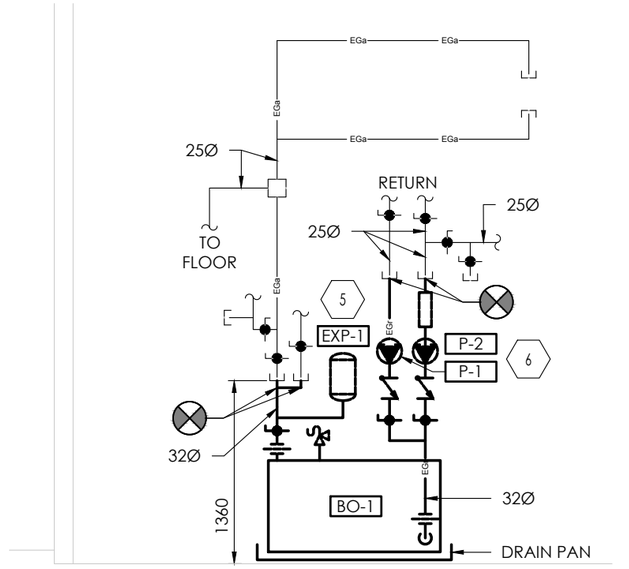
NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



CHIMNEY DETAIL 2
NONE WH-M300



OIL PIPING DIAGRAM 3
NONE WH-M300



HEATING PIPING DIAGRAM 1
NONE WH-M300

ARCHITECTS Ædifica
MECHANICAL/ELECTRICAL ENGINEERS Ædifica consultants
STRUCTURAL ENGINEERS SNC·LAVALIN
CLIENT Parcs Canada / Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
WHITE HOUSE
MECHANICAL
BOILER ROOM DETAILS, DIAGRAMS AND CONTROLS

SCALE AS SHOWN
DRAWN BY D.M.

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE WH-M300

SEAL
REGISTERED PROFESSIONAL ENGINEER — J. F. PELLETIER — LICENSEE — NT/NU
2019-02-07

PERMIT TO PRACTICE AEDIFICA INC.
Signature
Date 2019-02-07
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\WHITE HOUSE\PCAU-WH-M300 - OIL PIPING, CHIMNEY AND DETAILS

GENERAL NOTES

COORDINATE EXISTING SYSTEMS AND EQUIPMENTS BEFORE BEGINNING CONSTRUCTION. SUPPLY ENGINEER WITH WRITTEN NOTIFICATION FOR EVERY MODIFICATION.

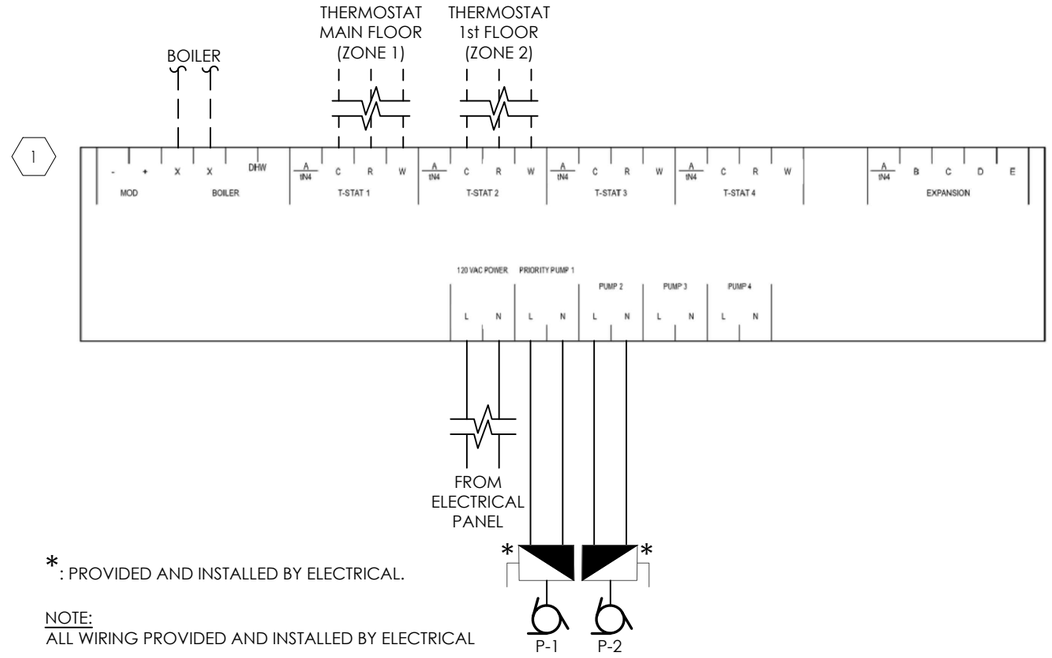
VERIFY EXISTING CONDITIONS ON SITE

1 SUPPLY AND INSTALL NEW CONTROLLER, TEKMAR 304P

LEGEND

	24 V (ac)
	120 V (ac)
	FUSED DISCONNECT SWITCH
	MOTOR
	INDICATOR LAMP

NOTE :
ALL SYMBOLS ILLUSTRATED IN THIS LEGEND WILL NOT NECESSARILY BE USED FOR THIS PROJECT.



*: PROVIDED AND INSTALLED BY ELECTRICAL.

NOTE:
ALL WIRING PROVIDED AND INSTALLED BY ELECTRICAL

CONTROL DIAGRAM 1

NONE WH-M400

ARCHITECTS
Ædifica

MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
WHITE HOUSE
MECHANICAL
CONTROLS AND DIAGRAMS

SCALE
AS SHOWN

DRAWN BY
D.M.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\3-MÉCANIQUE\WHITE HOUSE\PCAU-WH-M400 - CONTROLS AND DIAGRAMS

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 100% PROGRESS	2019-01-25
02	ISSUED FOR TENDER	2019-02-08

PAGE
WH-M400

SEAL
REGISTERED PROFESSIONAL ENGINEER J. F. PELLETIER LICENSEE NTI/NU
2019-02-08

PERMIT TO PRACTICE AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NTI/NU Association of Professional Engineers and Geoscientists

MAINTENANCE GARAGE AND FENCE REHABILITATION

WHITE HOUSE

Pangnirtung, Nunavut

PCAU-04-02
PARKS CANADA

ISSUED FOR TENDER
FEBRUARY 08TH 2019

DRAWING	ISSUE	DATE
WH-E000 - ELECTRICAL TITLE PAGE	03	2019-02-08
WH-E050 - SERVICES - GROUND FLOOR - DEMOLITION	03	2019-02-08
WH-E100 - SERVICES - GROUND FLOOR	03	2019-02-08

ARCHITECTS

architecture + design

Ædifica Inc.
606 rue Cathcart, bur. 800
Montréal [Québec]
Canada H3B 1K9
T 514. 844.6611
F 514. 844.7646

Ædifica

ENGINEERS

Ædifica consultants

SNC·LAVALIN STRUCTURAL ENGINEERING

CLIENT

Parcs Canada Parks Canada

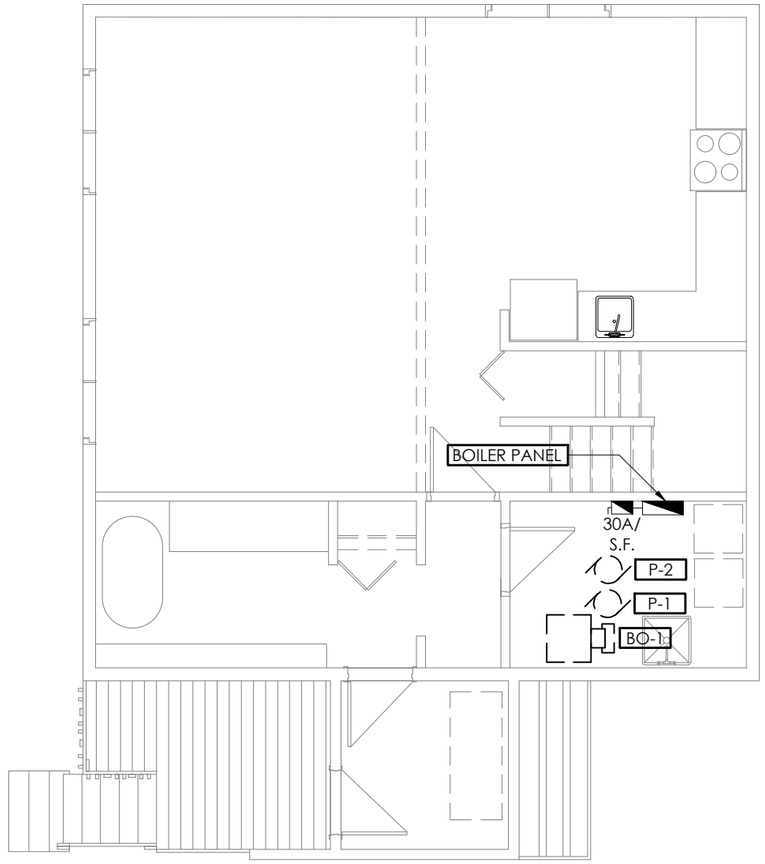
LEGEND

	SURFACE FLUORESCENT 1'x4'
$	120V SWITCH
	120/240V SURFACE ELECTRICAL PANEL
	COMBINED MAGNETIC STARTER
	TRANSFERT SWITCH
	FUSED DISCONNECT SWITCH
CP	BOILER CONTROLLER
	24V (AC)
	120V (AC)
	BOILER
	MOTOR
$U	EMERGENCY SWITCH

BOILER PANEL 2
NONE WH-E100

GENERAL NOTES:

1. EXISTING BOILER AND PUMPS ARE TO BE DISCONNECTED UP TO THE SOURCE.
2. DEMOLISH EXISTING WIRES OF BOILER AND PUMPS UP TO THE SOURCE.



SERVICES - GROUND FLOOR - DEMOLITION 1
1:75 WH-E100

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada Parks Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
HOUSE 565 (WHITE HOUSE)
ELECTRICAL
SERVICES
GROUND FLOOR - DEMOLITION

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\WHITE HOUSE\PCAU-WH-E050 - SERVICES - GROUND FLOOR - DEMOLITION

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE **WH-E050**

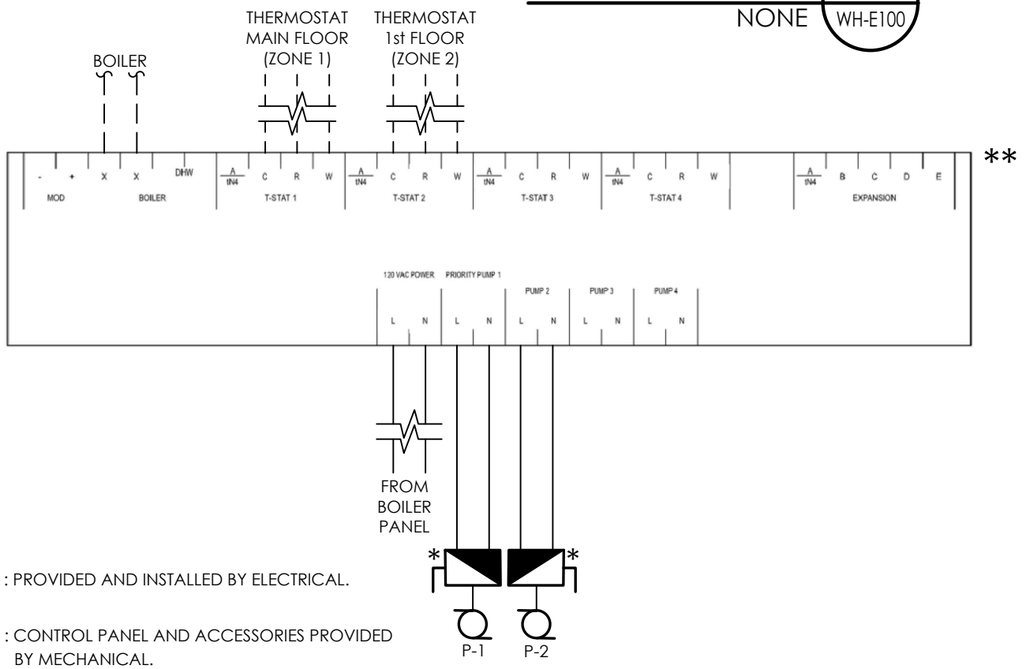
SEAL
REGISTERED PROFESSIONAL ENGINEER J.P. TCHOUTA LICENSEE NT/NU
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists

LEGEND

- SURFACE FLUORESCENT 1'x4'
- $ — 120V SWITCH
- 120/240V SURFACE ELECTRICAL PANEL
- COMBINED MAGNETIC STARTER
- TRANSFERT SWITCH
- FUSED DISCONNECT SWITCH
- CP — BOILER CONTROLLER
- 24V (AC)
- 120V (AC)
- BOILER
- MOTOR
- $U — EMERGENCY SWITCH

BOILER PANEL 2
NONE WH-E100



* : PROVIDED AND INSTALLED BY ELECTRICAL.

** : CONTROL PANEL AND ACCESSORIES PROVIDED BY MECHANICAL.

GENERAL NOTE:
ALL WIRING PROVIDED AND INSTALLED BY ELECTRICAL

CONTROL DIAGRAM 3
NONE WH-E100

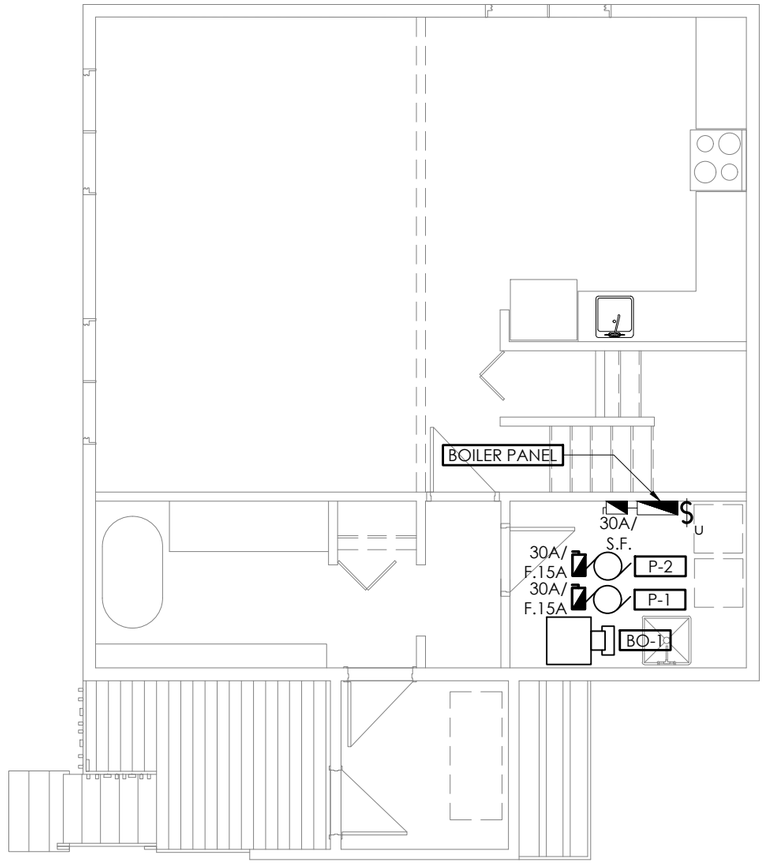
GENERAL NOTES:

1- ALL SAFETY SWITCHES ARE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

2- ALL WIRING PROVIDED AND INSTALLED BY ELECTRICAL.

3- NEW BOILER TO BE CONNECTED TO THE BOILER PANEL AND USE THE EXISTING BREAKER.

4- PROVIDE AND INSTALL NEW WIRES FOR BOILER AND PUMPS (2#12 AWG +1#12 GND IN 1/2" CONDUIT).



SERVICES - GROUND FLOOR 1
1:75 WH-E100

ARCHITECTS
Ædifica
MECHANICAL/ELECTRICAL ENGINEERS
Ædifica consultants

STRUCTURAL ENGINEERS
SNC·LAVALIN

CLIENT
Parcs Canada

PROJECT PCAU-04-02
MAINTENANCE GARAGE AND FENCE REHABILITATION
PARKS CANADA
PANGNIRTUNG NUNAVUT

DRAWING
HOUSE 565 (WHITE HOUSE)
ELECTRICAL
SERVICES
GROUND FLOOR

SCALE 1:75

DRAWN BY P.P.

H:\4-ING_MTL\PCAU-04-02 MAINTENANCE GARAGE\DESSINS\GÉNÉRAL\2-ÉLECTRIQUE\WHITE HOUSE\PCAU-WH-E100 - SERVICES - GROUND FLOOR

ISSUES

No.	DESCRIPTION	DATE
01	ISSUED FOR 60% PROGRESS	2018-12-07
02	ISSUED FOR 100% PROGRESS	2019-01-25
03	ISSUED FOR TENDER	2019-02-08

PAGE WH-E100

SEAL
REGISTERED PROFESSIONAL ENGINEER — J.P. TCHOUTA — LICENSEE
2019/02/08

PERMIT TO PRACTICE
AEDIFICA INC.
Signature
Date 2019-02-08
PERMIT NUMBER: P 1331
NT/NU Association of Professional Engineers and Geoscientists