

FORILLON NATIONAL PARK, GASPÉ (QC)

RESTORATION OF THE BARN BLANCHETTE ENSEMBLE GRANDE-GRAVE REGION

ARCHITECTURE



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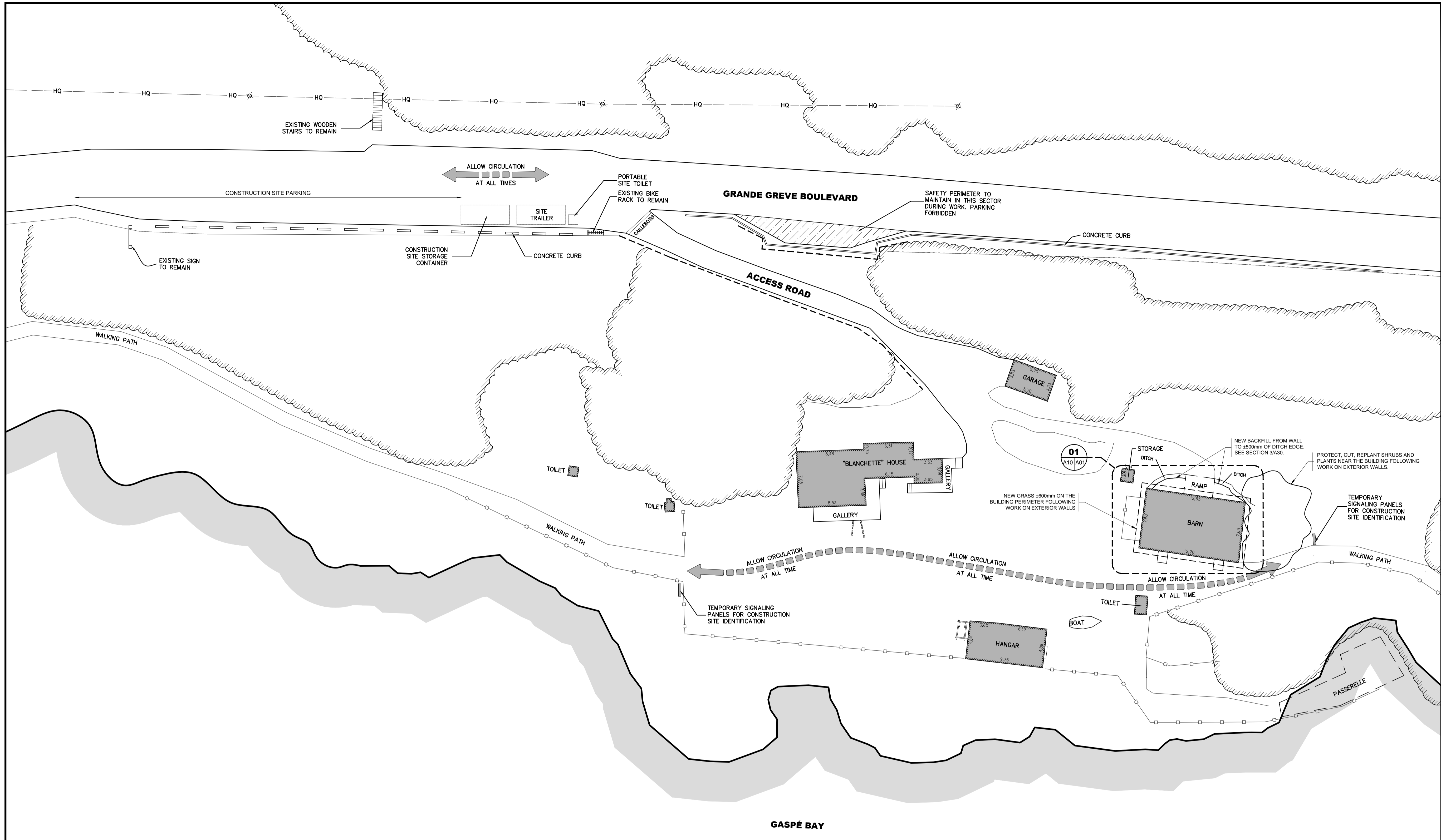
Projet / Project
**PARKS CANADA
FORILLON NATIONAL PARK
GRANDE-GRAVE REGION**
**RESTORATION OF THE BARN
BLANCHETTE ENSEMBLE**

Dessin / Drawing
**COVER PAGE &
LIST OF DRAWINGS**

Conçu par / Designed By	O.F. & D.D.	Approuvé par / Approved By	M.J.
Date	2017/05/17	Date	2017/07/20
Dessiné par / Drawn By	D.D.	Examiné par / Reviewed By	O.F. & D.B.
Date	2017/07/14	Date	2017/07/19

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	A00



01 SITE PLAN
1 : 250

WORK DESCRIPTION

THE PROJECT CONSIST OF THE REPAIR AND RESTORATION OF THE "BLANCHETTE" BARN, REPLACING THE ROOFING AND RESTORING THE COMPONENTS OF THE ENVELOPE (SIDING, DOORS, WINDOWS) IN RESPECT OF THE HERITAGE AND HISTORICAL CHARACTER OF THE BUILDING.

GENERAL NOTES (GN)

GN 1. ALL DIMENSIONS AND EXISTING CONDITIONS MUST BE VALIDATED ON SITE BY THE CONTRACTOR AND SUBCONTRACTORS BEFORE CARRYING OUT THE WORK. DIMENSIONS MUST NOT BE MEASURED FROM THE PLANS. TAKE ALL NECESSARY MEASUREMENTS ON SITE FOR THE GOOD EXECUTION OF THE WORK. REPORT TO THE MINISTRY REPRESENTATIVE ANY ERROR OR OMISSION ON THE PLANS AND SPECIFICATIONS WHICH MAY AFFECT THE QUALITY OF THE WORK.

GN 2. INCLUDE DEMOLITION OR DISMANTLING OF ANY EXISTING ELEMENT REQUIRED TO PERMIT THE INSTALLATION OF THE NEW COMPONENTS SHOWN ON THE PLANS, IF THAT ELEMENT IS NOT INDICATED ON THE PLANS.

GN 3. MAKE GOOD, BLOCK/OBSTRUCT, REPAIR: WHEN ONE OF THESE WORDS APPEARS ON THE PLANS, THAT IMPLIES THAT THE CONTRACTOR MUST REPAIR THE NEWLY DISCOVERED

SURFACES AND OPENINGS MADE BY THE CONTRACTOR, USING THE SAME ADJACENT FILLING AND FINISHING MATERIALS. THE NEW SURFACES MUST BE LEVEL AND OF IMPECCABLE APPEARANCE (NO TRACE OF DISMANTLED ELEMENTS).

GN 4. ALL WORK SHALL BE EXECUTED ACCORDING TO THE STANDARDS OF THE NATIONAL BUILDING CODE OF CANADA - 2015 (NBC 2015).

GN 5. PROVIDE PRODUCTS AND MATERIALS, TOOLS, COMPETENT LABOR AND MANAGEMENT EXECUTIVES REQUIRED FOR THE EXECUTION OF THE WORK. ALL MATERIALS AND EQUIPMENT WILL BE STRICTLY INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS.

GN 6. THE CONTRACTOR AND SUBCONTRACTORS MUST CONSIDER THAT THE WORK DEPENDS ON THE SITE CONDITIONS. THEY ARE INTENDED TO COMPLETE THE WORK IN ACCORDANCE WITH THE ACKNOWLEDGED REGULATIONS OF THEIR DISCIPLINE AND THE SATISFACTION OF THE MINISTERIAL REPRESENTATIVE.

GN 7. THE CONTRACTOR MUST PROTECT ANY STRUCTURE, CONSTRUCTION, FINISHING, ELECTRICAL AND MECHANICAL EQUIPMENT AS NOT TO DAMAGE THEM DURING THE WORK. THE CONTRACTOR MUST REPAIR ANY SURFACE (FLOOR, WALL, PARTITION, CEILING, ROOF), ANY OTHER EXISTING CONSTRUCTION, AND ANY LANDSCAPING ON SITE AFFECTED BY THE WORK.

GN 8. THE CONTRACTOR MUST PROVIDE AND KEEP IN WORKING ORDER A SUFFICIENT NUMBER OF PORTABLE EXTINGUISHERS ON THE WORK SITE.

GN 9. PROVIDE SHOP DRAWINGS AND TECHNICAL DATA SHEETS TO THE MINISTRY REPRESENTATIVE FOR VERIFICATION BEFORE THE MANUFACTURING OR INSTALLATION OF PRODUCTS.

GN 10. SUBMIT FOR APPROVAL BY THE MINISTRY REPRESENTATIVE, ANY MODIFICATION TO THE WORK OR MATERIALS SPECIFIED IN THE DRAWINGS.

GN 11. DURING THE WORK DURATION, REMOVE FROM THE SITE ALL DEBRIS, WASTE AND SURPLUS MATERIALS TO AVOID ANY ACCUMULATION. AT THE END OF THE WORK, THE CONTRACTOR MUST REMOVE SCAFFOLDS AND MISCELLANEOUS ACCESSORIES. A LAST COMPLETE CLEANING, INCLUDING WASHING AND CLEANING OF ALL DOORS, WINDOWS AND THEIR FRAMEWORKS, SHOULD BE CARRIED OUT, LEAVING THE SITE IN A PERFECT STATE OF CLEANLINESS BEFORE THE FINAL DELIVERY OF THE WORK.

GN 12. SPECIAL ATTENTION SHOULD BE CARRIED OUT BY THE CONTRACTOR TO AVOID DAMAGE TO THE EXISTING INFRASTRUCTURES ON SITE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE CAUSED TO EXISTING INFRASTRUCTURES AND WILL RESTORE THEM ACCORDING TO THE REPRESENTATIVE'S REQUIREMENTS.

GN13. THE ENTREPRENEUR MUST COMPLY WITH THE NATIONAL PARKS LAWS, RULES AND REGULATIONS AT ALL TIMES.

GN 14. TO ENSURE THE SAFETY OF THE WORKERS, VISITORS AND ANIMALS. STOP ROAD TRAFFIC OR MACHINERY IN THE PRESENCE OF WILD ANIMALS ON THE SITE, MORE PARTICULARLY THE LARGE WILDLIFE: MOOSE, DEER AND BLACK BEARS. ENSURE A SAFE ESCAPE ROUTE FOR THE ANIMAL AND KEEP A SAFE DISTANCE. CONTACT THE FORILLON PARK CONSERVATION SERVICE FOR ADVICE OR SUPPORT IF REQUIRED.

GN 15. BEFORE THE BEGINNING OF THE WORK, DEFINE THE SCOPE AND LOCATION OF UTILITY PIPES (PLUMBING AND ELECTRICITY) IN THE WORK AREA AND INFORM THE MINISTRY REPRESENTATIVE.

GN 16. PAINT WORK INCLUDES THE CLEANING, PREPARATION, SANDING AND REFURBISHING OF ALL WOODEN ELEMENTS AND ALL NEW ELEMENTS. THE DOORS AND WINDOWS AND THE SHUTTERS MUST BE REMOVED, REPAIRED AND PAINTED INDIVIDUALLY AND SEPARATELY.

DAMAGED ELEMENTS OR PARTS WILL BE REPLACED BY AN ELEMENT OR PIECE OF THE SAME TYPE AS PER EXISTING.

GN 17. THE ANNOTATIONS CONCERNING THE WORK IMPLY THE DISMANTLING OF ANY EXISTING ELEMENT WHICH IS REQUIRED TO ALLOW THE INSTALLATION OF NEW COMPONENTS, EVEN IF IT IS NOT MENTIONED.

LEGEND

- EXISTING FENCE
- LIMIT OF CLIFF
- /——— LIMIT OF THE WOODLAND
- /——— PROFILE OF EXISTING BUILDINGS
- - - - - EXISTING RETAINING WALL
- HQ—○— EXISTING ELECTRIC LINE AND HYDRO QUEBEC POLE

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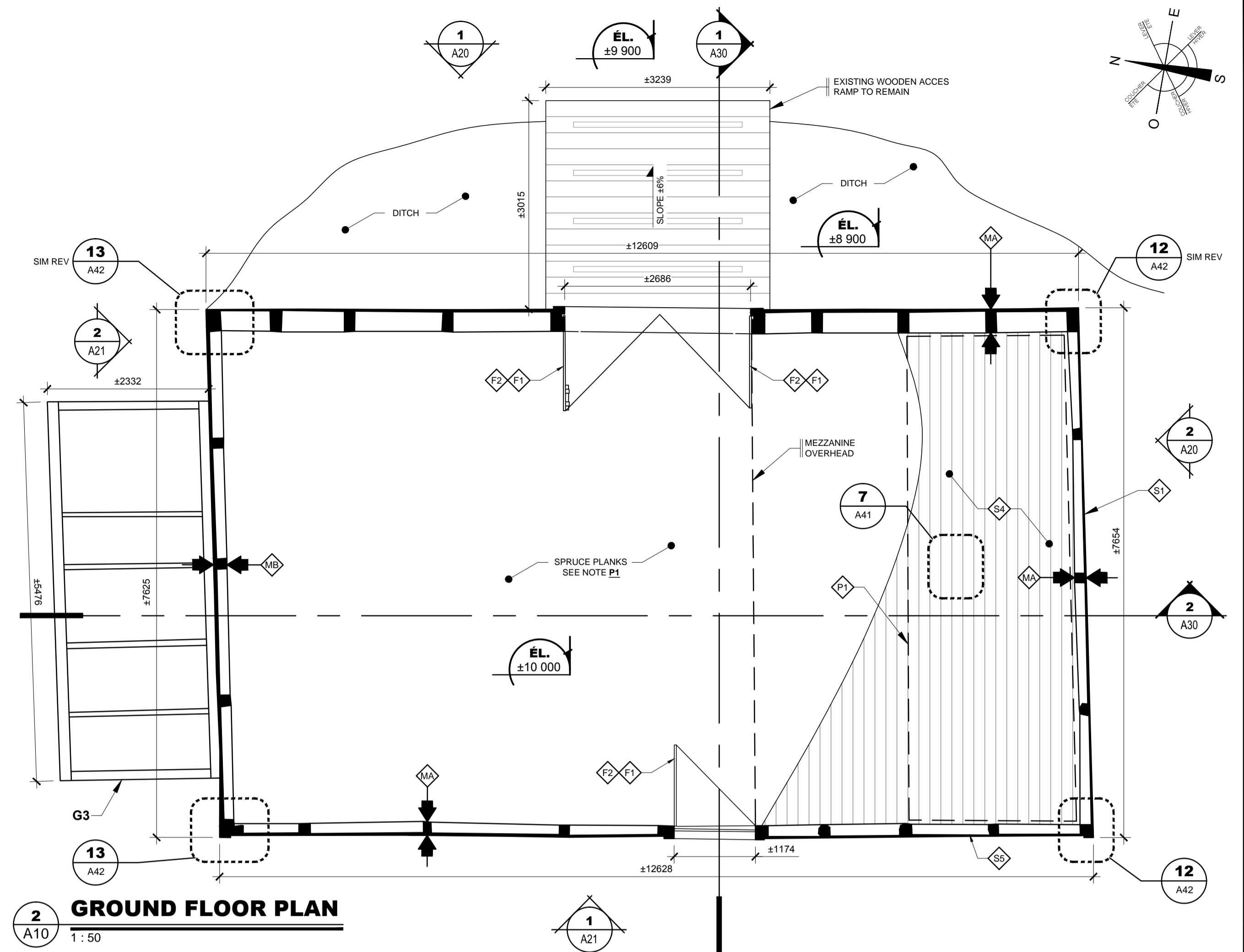
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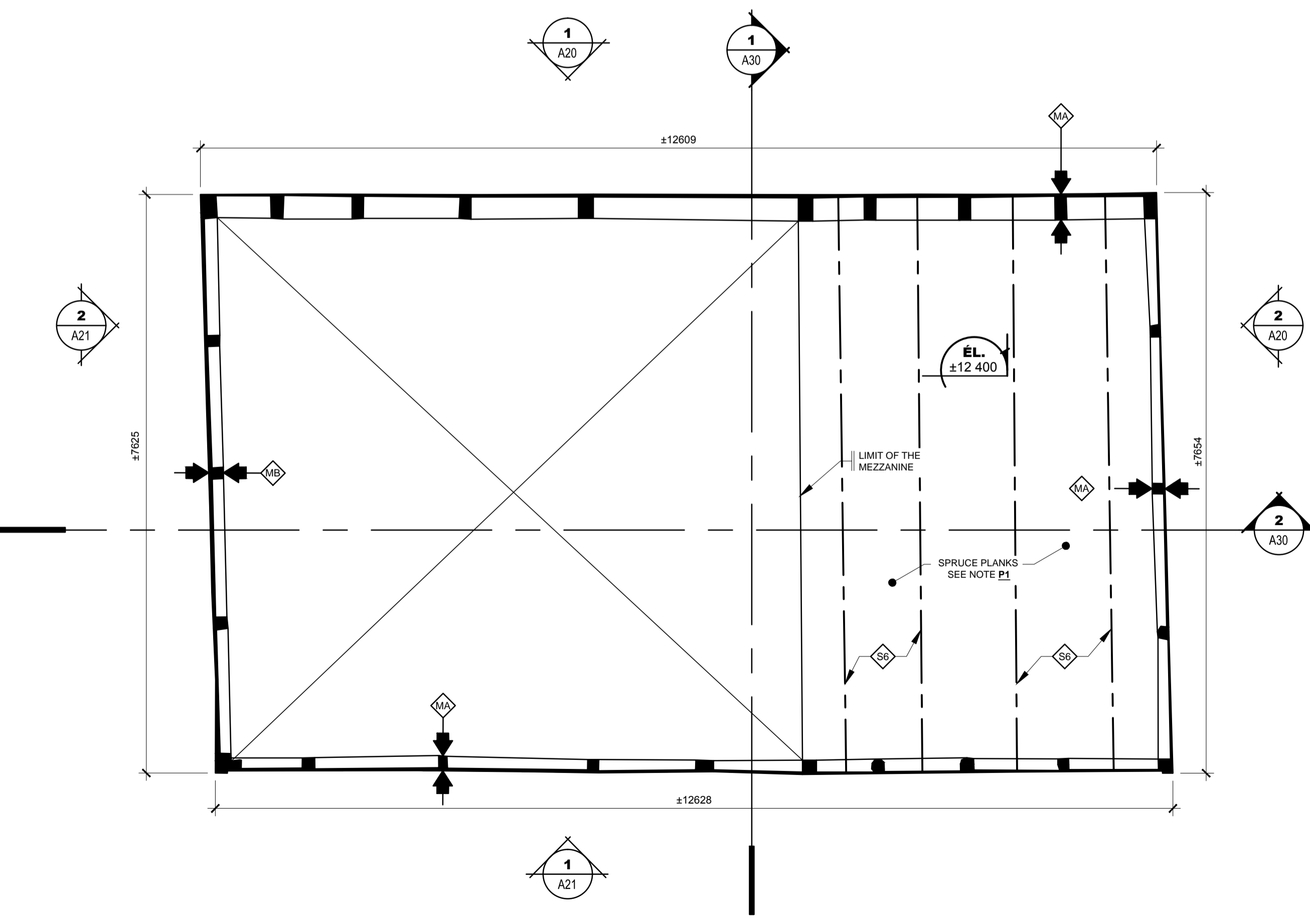
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C	C. location drawing no.	C
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Projet	Project	
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Dessin	Drawing	
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Date	2017/06/23	Drawn By
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Date	2017/07/17	Approved By
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		A01

SPECIFIC NOTES - CONSTRUCTION

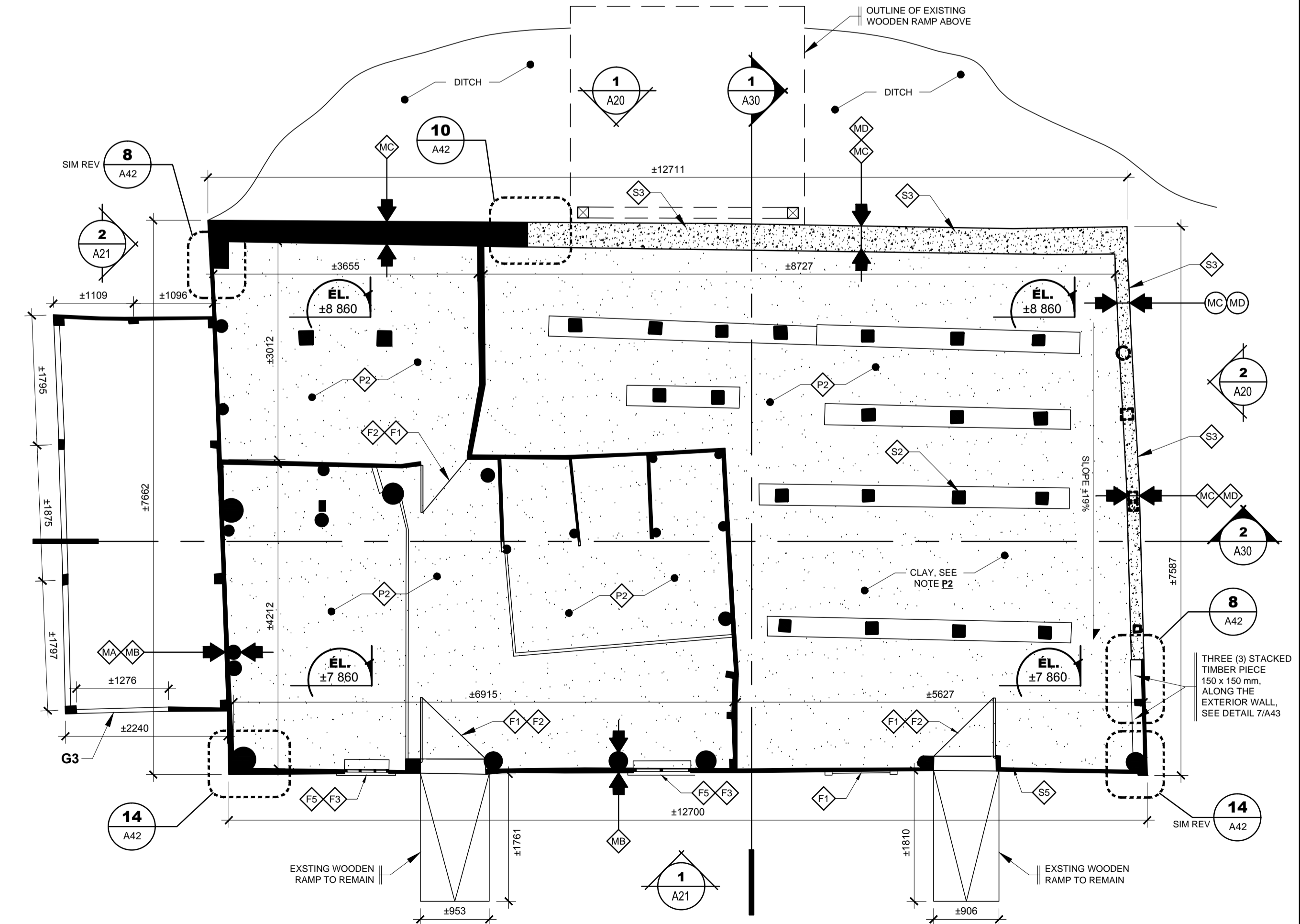
- GENERAL**
- G1 TO STABILIZE THE STRUCTURE, ARCHITECTURAL RESTORATION WORK MUST BE REALIZED AFTER STRUCTURAL CONSOLIDATION WORK.
 - G2 DEFINITION OF "REPLACE": EXISTING TO BE REMOVED, SUPPLY AND INSTALL NEW.
 - G3 OUTDOOR ENCLOSURE FOR ANIMALS TO BE DISASSEMBLED TO ALLOW WORK ON THE OUTER WALL. REINSTALL AS PER EXISTING AFTER WORK IS COMPLETE.
 - G4 PAINT ALL FACADES EXCEPT CEDAR SHINGLES CLADDING.
- BASE OF BASEMENT WALLS**
- B1 AT THE BASE OF ALL THE BASEMENT WALLS, INSTALL $\pm 255\text{mm}$ Ø CEDAR LOGS FOLLOWING THE OUTLINE OF THE GROUND AND PARTIALLY BURIED TO PROTECT THE WOOD PLANK SIDING. FIX SOLIDLY TO EXTERIOR WALL.
- ROOF**
- R1 EXISTING CEDAR SHINGLE ROOFING TO BE DEMOLISHED. REPAIR AND MAKE GOOD THE SUPPORT BOARDS. SUPPLY AND INSTALL A NEW CEDAR SHINGLE ROOFING (SEE DETAILS).
 - R2 REMOVE RIDGE MOULDING. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW RIDGE MOULDING AS PER EXISTING.
 - R3 REMOVE FASCIA AND SOFFIT PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL NEW FASCIA AND SOFFIT PLANKS AS PER EXISTING (SEE DETAILS).
- WINDOWS (PINE) & DOORS (SPRUCE)**
- W1 SCRAPE, CLEAN, PRIME AND PAINT ALL SURFACES OF EXISTING DOORS (FRAMES, MOULDINGS AND WOODEN HANDLES).
 - W2 REMOVE ANY TRACE OF CORROSION, CLEAN, PRIME AND PAINT ALL HARDWARE OF EXISTING DOORS.
 - W3 REPLACE EXISTING SPRUCE WINDOW FRAME WITH NEW AS PER EXISTING.
 - W4 REMOVE TOP PLANK, REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW PLANK AS PER EXISTING.
 - W5 REPLACE EXISTING WINDOW WITH NEW WINDOW, WITH SAME APPEARANCE AND ASSEMBLED WITH SAME CONSTRUCTION METHODS AS PER EXISTING. TAKE DIMENSIONS OF ALL EXISTING ELEMENTS. BUILD A SAMPLE MOCKUP FOR APPROVAL. KEEP EXISTING WINDOW FOR COMPARISON.
 - W6 REPLACE WOODEN PIECE, SAME VARIETY OF WOOD, THICKNESS AND WORKMANSHIP AS PER EXISTING.
- EXTERIOR SIDING**
- M1 SCRAPE AND CLEAN EXISTING EXTERIOR WOOD PLANK SIDING. PAINT EXISTING AND NEW SIDING AND MOULDINGS.
 - M2 EAST WALL: 25% (+/- 9m² of 35m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE.
 - M3 SOUTH WALL BOTTOM PORTION (GROUND FLOOR LEVEL): 20% (+/- 5.5m² of 27m²) 1" SPRUCE PLANKS TO BE REPLACED ON SITE. 100% OF CEDAR SHINGLE SIDING ON BASEMENT LEVEL TO BE REPLACED WITH CEDAR PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW SIDINGS. SEE NOTE S1.
 - M4 WEST WALL: 15% (+/- 6m² of 38m²) 1" SPRUCE PLANKS TO BE REPLACED ON GROUND FLOOR LEVEL. POSITION TO BE DETERMINED ON SITE. 100% OF CEDAR SHINGLE SIDING TO BE REPLACED ON BASEMENT LEVEL WITH NEW CEDAR SHINGLES. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING.
 - M5 NORTH WALL: 100% OF CEDAR SHINGLE SIDING TO BE REPLACED. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING. ON BASEMENT LEVEL, REPLACE CEDAR SHINGLES WITH CEDAR PLANKS.
 - M6 REPLACE WOODEN SIDING PLANKS WITH NEW CEDAR PLANKS.
 - M7 SOUTH WALL TOP PORTION: REPLACE EXISTING WOOD PLANK SIDING. DIMENSION THE LENGTH OF THE NEW PLANKS TO ELIMINATE THE GAP BETWEEN THE TOP AND BOTTOM PARTS. REUSE EXISTING PLANKS WHEN POSSIBLE. PROVIDE CREDIT IF APPLICABLE.
 - M8 REPLACE EXISTING SPRUCE PLANK SIDING ON THE NEW CONCRETE FOUNDATION WITH CEDAR PLANKS ON CEDAR FURRINGS.
 - M9 1" THICK SPRUCE PLANK MOULDING TO BE REPLACED WITH 1" CEDAR MOULDING. DIMENSIONS AS PER EXISTING. SEE SECTION S/A43. INSTALL NEW IF MISSING.
- FLOOR FINISHES**
- F1 REPLACE THE FLOOR BOARDS THAT ARE TOO SHORT, WITH NEW ONES AS PER EXISTING, BUT OF APPROPRIATE LENGTH TO FILL IN THE GAPS BETWEEN THE BOARDS (+/- 12m"). RECUPERATE EXISTING BOARDS THAT CAN BE REINSTALLED WHERE POSSIBLE TO FILL GAPS.
 - F2 LOWER LEVEL, SOUTH SIDE: CLEAR THE CLAY OF ALL RESIDUAL MATERIAL AND CLEAN THE GROUND.
- STRUCTURE**
- S1 NEW BRACING ON ENTIRE SURFACE OF THE SOUTH WALL WITH WOODEN PLANKS ANGLED AT 45° (REFER TO ENGINEER'S DRAWINGS). REMOVE EXISTING PLANKS FOR INSTALLATION OF BRACING AND REINSTALL EXISTING VERTICAL PLANKS AS PER M3 AND M7.
 - S2 BASE OF WOOD POSTS ARE ROTTEN. REPLACE WITH STEEL PILINGS CONNECTED WITH STIRRUPS. (REFER TO ENGINEER'S DRAWINGS FOR POSITION AND QUANTITY).
 - S3 REPLACE STACKED TIMBER FOUNDATION (150mm X 150mm) WITH A CONCRETE WALL, AS PER EXISTING ADJACENT CONCRETE FOUNDATION (REFER TO ENGINEER'S DRAWINGS). VALIDATE AND COORDINATE THE POSITION OF THE NEW CONCRETE WALL ON SITE, TO ALLOW ALIGNMENT OF THE NEW CLADDING WITH THE EXISTING CLADDING.
 - S4 REPAIR AND LEVEL THE FLOOR ON THE SOUTH SIDE (REFER TO ENGINEER'S DRAWINGS).
 - S5 REPAIR A CONNECTION OF A BEAM ON GROUND FLOOR AND MEZZANINE (REFER TO ENGINEER'S DRAWINGS).
 - S6 INSTALLATION OF NEW BEAMS UNDER THE MEZZANINE (REFER TO ENGINEER'S DRAWINGS).
- WALL TYPES**
- MA TIMBER FRAMING AND 1" SPRUCE PLANKS.
 - MB TIMBER FRAMING, PLANKS AND CEDAR SHINGLES.
 - MC NEW CONCRETE FOUNDATION WALL.
 - MD EXISTANT TIMBER FOUNDATION TO BE DEMOLISHED.



GROUND FLOOR PLAN
1:50



MEZZANINE PLAN
1:50



BASEMENT PLAN
1:50

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Projet: **PARKS CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION**
Restoration of the BARN BLANCHETTE ENSEMBLE

Dessin: **BASEMENT PLAN GROUND FLOOR PLAN MEZZANINE PLAN**

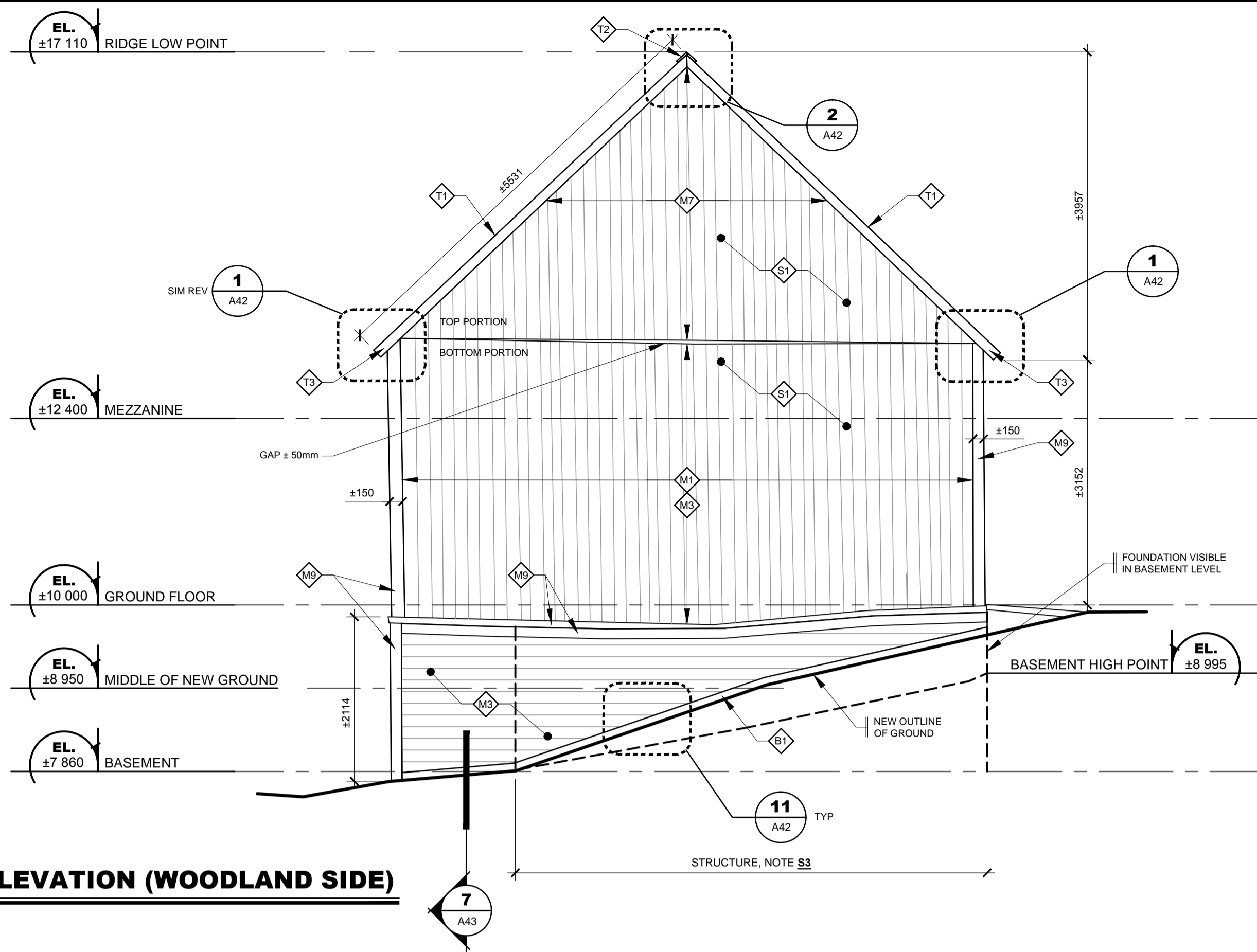
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Date	2017/07/06	

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APC		PCA
No. du dessin		Drawing no.
		A10



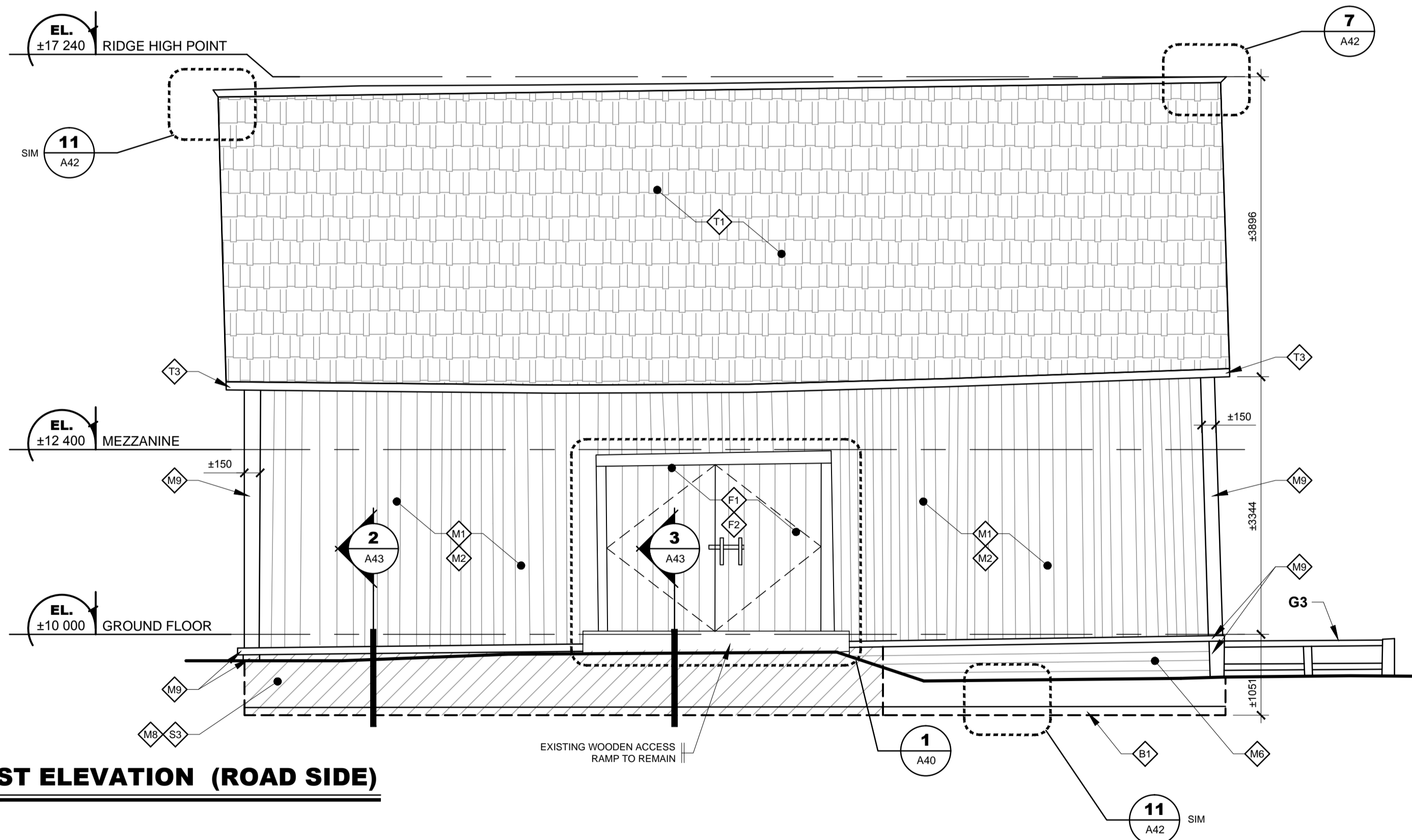
4 SOUTH ELEVATION (WOODLAND SIDE) - PHOTO
A20 NO SCALE



2 SOUTH ELEVATION (WOODLAND SIDE)
A20 1:50



3 EAST ELEVATION (ROAD SIDE) - PHOTO
A20 NO SCALE



3 EAST ELEVATION (ROAD SIDE)
A20 1:50

SPECIFIC NOTES - CONSTRUCTION

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- G1 TO STABILIZE THE STRUCTURE, ARCHITECTURAL RESTORATION WORK MUST BE REALIZED AFTER STRUCTURAL CONSOLIDATION WORK.
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- G4 PAINT ALL FACADES EXCEPT CEDAR SHINGLES CLADDING.

BASE OF BASEMENT WALLS

- B1 AT THE BASE OF ALL THE BASEMENT WALLS, INSTALL 125mm Ø CEDAR LOGS FOLLOWING THE OUTLINE OF THE GROUND AND PARTIALLY BURIED TO PROTECT THE WOOD PLANK SIDING. FIX SOLIDLY TO EXTERIOR WALL.

ROOF

- R1 EXISTING CEDAR SHINGLE ROOFING TO BE DEMOLISHED. REPAIR AND MAKE GOOD THE SUPPORT BOARDS. SUPPLY AND INSTALL A NEW CEDAR SHINGLE ROOFING (SEE DETAILS).
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WINDOWS (PINE) & DOORS (SPRUCE)

- F1 SCRAPE, CLEAN, PRIME AND PAINT ALL SURFACES OF EXISTING DOORS (FRAMES, MOULDINGS AND WOODEN HANDLES).
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- F3 REPLACE EXISTING SPRUCE WINDOW FRAME WITH NEW AS PER EXISTING.
- F4 REMOVE TOP PLANK. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW PLANK AS PER EXISTING.
- F5 REPLACE EXISTING WINDOW WITH NEW WINDOW, WITH SAME APPEARANCE AND ASSEMBLED WITH SAME CONSTRUCTION METHODS AS PER EXISTING. TAKE DIMENSIONS OF ALL EXISTING ELEMENTS. BUILD A SAMPLE MOCKUP FOR APPROVAL. KEEP EXISTING WINDOW FOR COMPARISON.
- F6 REPLACE WOODEN PIECE. SAME VARIETY OF WOOD, THICKNESS AND WORKMANSHIP AS PER EXISTING.

EXTERIOR SIDING

- M1 SCRAPE AND CLEAN EXISTING EXTERIOR WOOD PLANK SIDING. PAINT EXISTING AND NEW SIDING AND MOULDINGS.
- M2 EAST WALL: 25% (+/- 9m² of 35m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE.
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EXTERIOR SIDING (CONTINU.)

- M5 NORTH WALL: 100% OF CEDAR SHINGLE SIDING TO BE REPLACED. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING ON BASEMENT LEVEL. REPLACE CEDAR SHINGLES WITH CEDAR PLANKS.
- M6 REPLACE WOODEN SIDING PLANKS WITH NEW CEDAR PLANKS.
- M7 SOUTH WALL TOP PORTION: REPLACE EXISTING WOOD PLANK SIDING. DIMENSION THE LENGTH OF THE NEW PLANKS TO ELIMINATE THE GAP BETWEEN THE TOP AND BOTTOM PARTS. REUSE EXISTING PLANKS WHEN POSSIBLE. PROVIDE CREDIT IF APPLICABLE.
- M8 REPLACE EXISTING SPRUCE PLANK SIDING ON THE NEW CONCRETE FOUNDATION WITH CEDAR PLANKS ON CEDAR FURRINGS.
- M9 1" THICK SPRUCE PLANK MOULDING TO BE REPLACED WITH 1" CEDAR MOULDINGS. DIMENSIONS AS PER EXISTING. SEE SECTION S/A43. INSTALL NEW IF MISSING.

WALL TYPES

- W1 TIMBER FRAMING AND 1" SPRUCE PLANKS.
- W2 TIMBER FRAMING, PLANKS AND CEDAR SHINGLES.
- W3 NEW CONCRETE FOUNDATION WALL.
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- F1 REPLACE THE FLOOR BOARDS THAT ARE TOO SHORT, WITH NEW ONES AS PER EXISTING, BUT OF APPROPRIATE LENGTH TO FILL IN THE GAPS BETWEEN THE BOARDS (+/- 12m). RECUPERATE EXISTING BOARDS THAT CAN BE REINSTALLED WHERE POSSIBLE TO FILL GAPS.
- F2 LOWER LEVEL, SOUTH SIDE: CLEAR THE CLAY OF ALL RESIDUAL MATERIAL AND CLEAN THE GROUND.

FLOOR FINISHES

- F1 REPLACE THE FLOOR BOARDS THAT ARE TOO SHORT, WITH NEW ONES AS PER EXISTING, BUT OF APPROPRIATE LENGTH TO FILL IN THE GAPS BETWEEN THE BOARDS (+/- 12m). RECUPERATE EXISTING BOARDS THAT CAN BE REINSTALLED WHERE POSSIBLE TO FILL GAPS.
- F2 LOWER LEVEL, SOUTH SIDE: CLEAR THE CLAY OF ALL RESIDUAL MATERIAL AND CLEAN THE GROUND.

STRUCTURE

- S1 NEW BRACING ON ENTIRE SURFACE OF THE SOUTH WALL WITH WOODEN PLANKS ANGLED AT 45° (REFER TO ENGINEER'S DRAWINGS). REMOVE EXISTING PLANKS FOR INSTALLATION OF BRACING AND REINSTALL EXISTING VERTICAL PLANKS AS PER M3 AND M7.
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- S3 REPLACE STACKED TIMBER FOUNDATION (150mm X 150mm) WITH A CONCRETE WALL, AS PER EXISTING ADJACENT CONCRETE FOUNDATION (REFER TO ENGINEER'S DRAWINGS). VALIDATE AND COORDINATE THE POSITION OF THE NEW CONCRETE WALL ON SITE, TO ALLOW ALIGNMENT OF THE NEW CLADDING WITH THE EXISTING CLADDING.
- S4 REPAIR AND LEVEL THE FLOOR ON THE SOUTH SIDE (REFER TO ENGINEER'S DRAWINGS).
- S5 REPAIR A CONNECTION OF A BEAM ON GROUND FLOOR AND MEZZANINE (REFER TO ENGINEER'S DRAWINGS).
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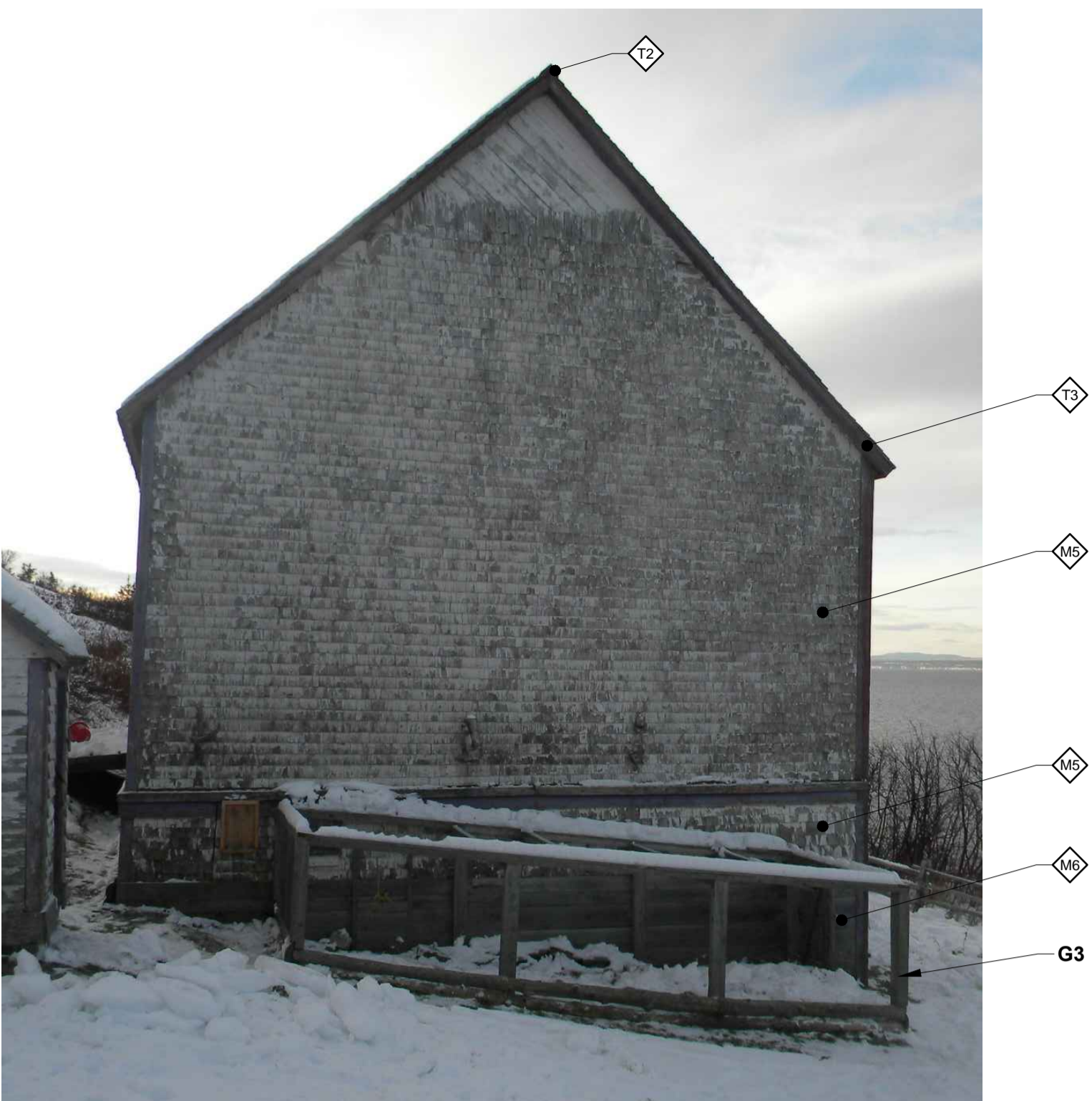
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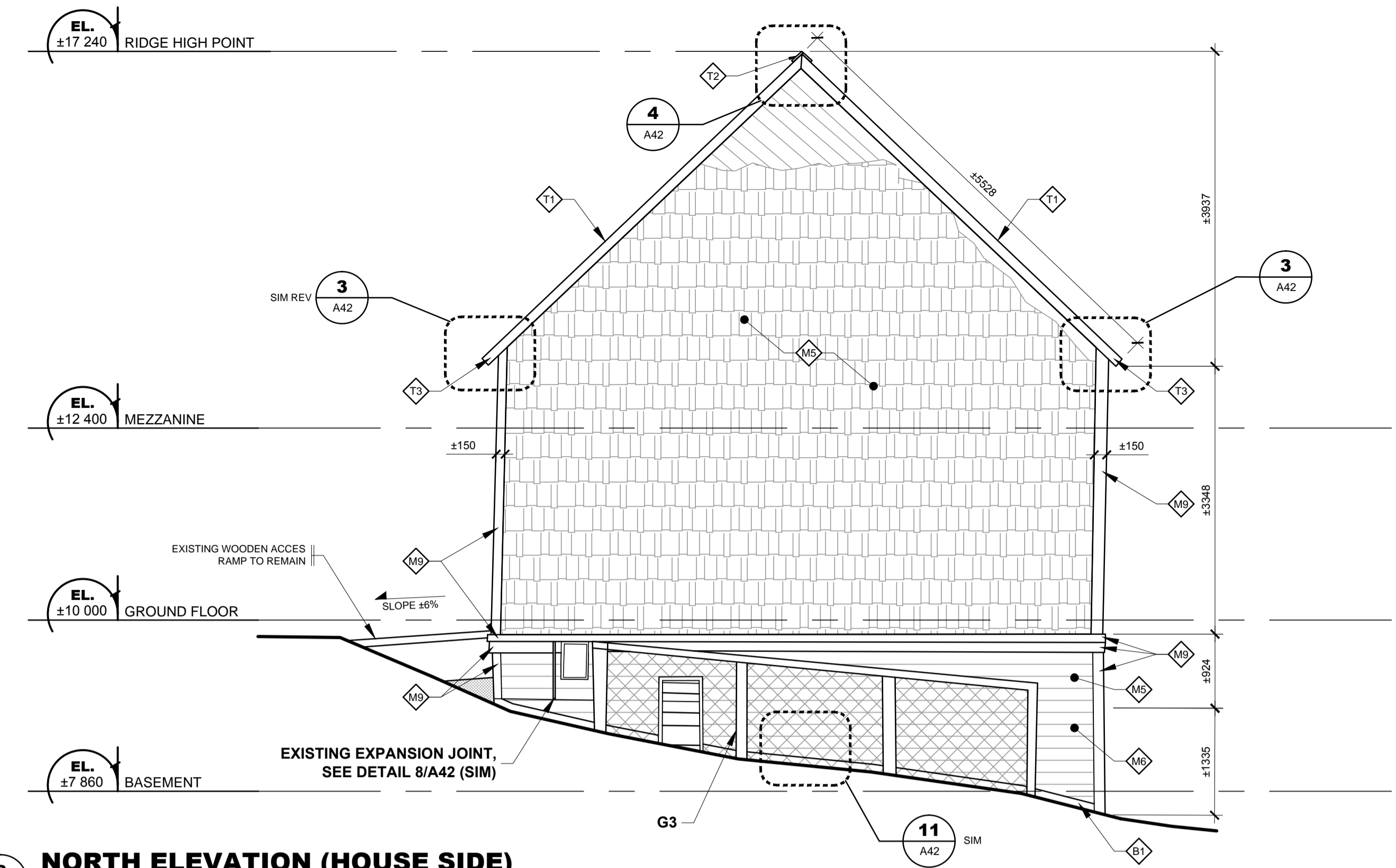
TETRA TECH

Club des architectes
MARC JULIEN
ARCHITECTE
du Québec

1	ISSUED FOR TENDER	21-07-2017
révisions	description	date
A	A no. du detail	A
C	sur dessin no.	B C
	location drawing no.	
	C drawing no.	
	dessin no.	
Projet	Project	
	PARKS CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION	
	RESTORATION OF THE BARN BLANCHETTE ENSEMBLE	
Dessin	Drawing	
	EAST ELEVATION (ROAD SIDE) SOUTH ELEV. (WOODLAND SIDE)	
Conçu par	O.F. & D.D.	Designed By
Date	2017/05/17	
Dessiné par	D.D.	Drawn By
Date	2017/07/18	
Examiné par	O.F. & D.B.	Reviewed By
Date	2017/07/19	
Approuvé par	M.J.	Approved By
Date	2017/07/20	
	NOT FOR CONSTRUCTION	
No. du projet	1413-4	Project no.
APC		PCA
No. du dessin	A20@A21-EL-GEN-1413_4.DWG	Drawing no.
		A20



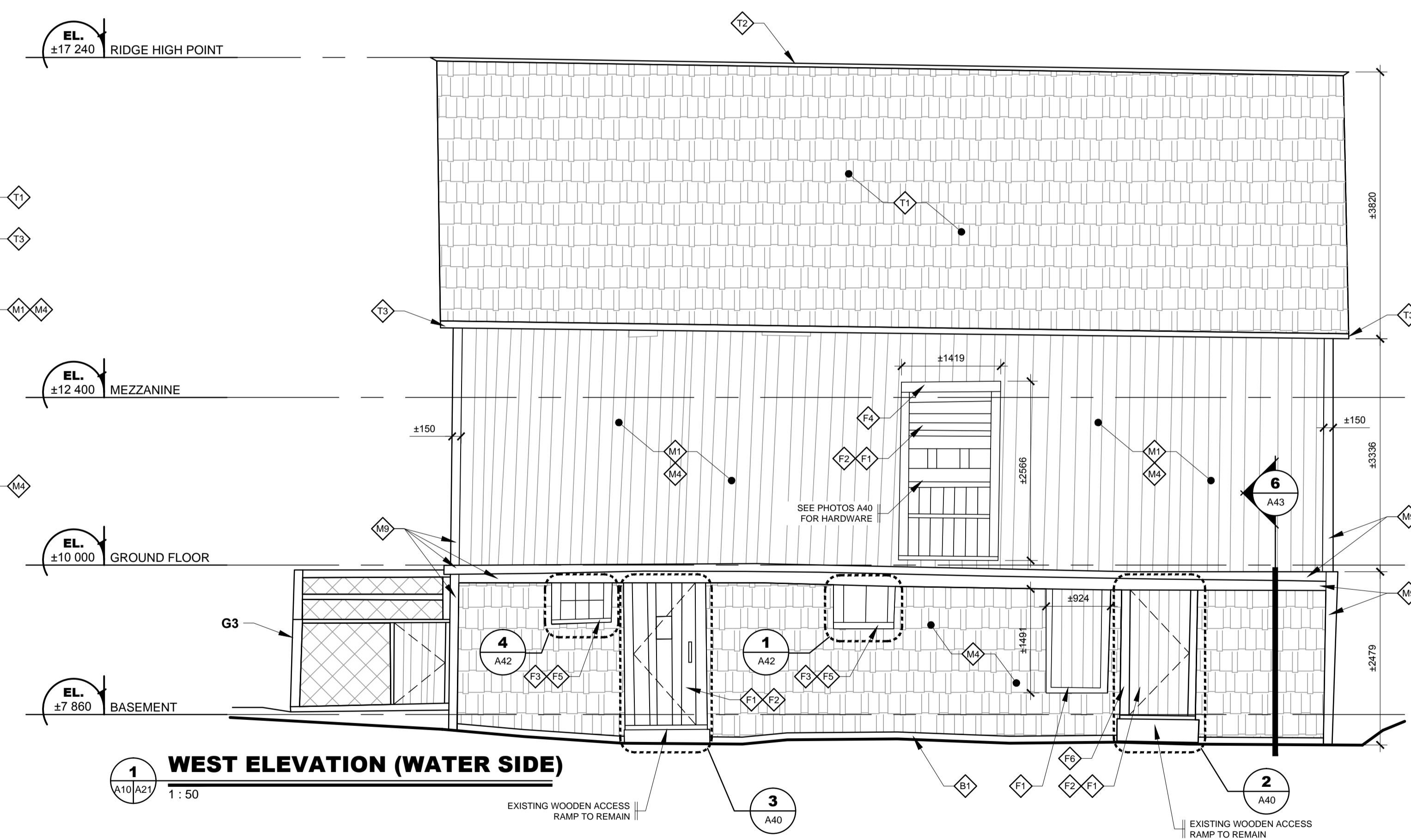
4 NORTH ELEVATION (HOUSE SIDE) - PHOTO
A21 NO SCALE



2 NORTH ELEVATION (HOUSE SIDE)
A10/A21 1:50



3 WEST ELEVATION (WATER SIDE) - PHOTO
A21 NO SCALE



1 WEST ELEVATION (WATER SIDE)
A10/A21 1:50

SPECIFIC NOTES - CONSTRUCTION

<p>GENERAL</p> <p>G1 TO STABILIZE THE STRUCTURE, ARCHITECTURAL RESTORATION WORK MUST BE REALIZED AFTER STRUCTURAL CONSOLIDATION WORK.</p> <p>G2 DEFINITION OF "REPLACE": EXISTING TO BE REMOVED, SUPPLY AND INSTALL NEW.</p> <p>G3 OUTDOOR ENCLOSURE FOR ANIMALS TO BE DISASSEMBLED TO ALLOW WORK ON THE OUTER WALL. REINSTALL AS PER EXISTING AFTER WORK IS COMPLETE.</p> <p>G4 PAINT ALL FACADES EXCEPT CEDAR SHINGLES CLADDING.</p> <p>BASE OF BASEMENT WALLS</p> <p>B1 AT THE BASE OF ALL THE BASEMENT WALLS, INSTALL 125mm Ø CEDAR LOGS FOLLOWING THE OUTLINE OF THE GROUND AND PARTIALLY BURIED TO PROTECT THE WOOD PLANK SIDING. FIX SOLIDLY TO EXTERIOR WALL.</p>	<p>ROOF</p> <p>T1 EXISTING CEDAR SHINGLE ROOFING TO BE DEMOLISHED. REPAIR AND MAKE GOOD THE SUPPORT BOARDS. SUPPLY AND INSTALL A NEW CEDAR SHINGLE ROOFING (SEE DETAILS).</p> <p>T2 REMOVE RIDGE MOULDING. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW RIDGE MOULDING AS PER EXISTING.</p> <p>T3 REMOVE FASCIA AND SOFFIT PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL NEW FASCIA AND SOFFIT PLANKS AS PER EXISTING (SEE DETAILS).</p>	<p>WINDOWS (PINE) & DOORS (SPRUCE)</p> <p>F1 SCRAPE, CLEAN, PRIME AND PAINT ALL SURFACES OF EXISTING DOORS (FRAMES, MOULDINGS AND WOODEN HANDLES).</p> <p>F2 REMOVE ANY TRACE OF CORROSION, CLEAN, PRIME AND PAINT ALL HARDWARE OF EXISTING DOORS.</p> <p>F3 REPLACE EXISTING SPRUCE WINDOW FRAME WITH NEW AS PER EXISTING.</p> <p>F4 REMOVE TOP PLANK. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW PLANK AS PER EXISTING.</p> <p>F5 REPLACE EXISTING WINDOW WITH NEW WINDOW, WITH SAME APPEARANCE AND ASSEMBLED WITH SAME CONSTRUCTION METHODS AS PER EXISTING. TAKE DIMENSIONS OF ALL EXISTING ELEMENTS. BUILD A SAMPLE MOCKUP FOR APPROVAL. KEEP EXISTING WINDOW FOR COMPARISON.</p> <p>F6 REPLACE WOODEN PIECE. SAME VARIETY OF WOOD, THICKNESS AND WORKMANSHIP AS PER EXISTING.</p>	<p>EXTERIOR SIDING</p> <p>M1 SCRAPE AND CLEAN EXISTING EXTERIOR WOOD PLANK SIDING. PAINT EXISTING AND NEW SIDING AND MOULDINGS.</p> <p>M2 EAST WALL: 25% (±1.9m² of 35m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE.</p> <p>M3 SOUTH WALL BOTTOM PORTION (GROUND FLOOR LEVEL): 20% (±1.5m² of 27m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE. 100% OF CEDAR SHINGLE SIDING ON BASEMENT LEVEL TO BE REPLACED WITH CEDAR PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW SIDINGS. SEE NOTE S1.</p> <p>M4 WEST WALL: 15% (±1.6m² of 38m²) 1" SPRUCE PLANKS TO BE REPLACED ON GROUND FLOOR LEVEL. POSITION TO BE DETERMINED ON SITE. 100% OF CEDAR SHINGLE SIDING TO BE REPLACED ON BASEMENT LEVEL WITH NEW CEDAR SHINGLES. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING.</p>	<p>EXTERIOR SIDING (CONTINU.)</p> <p>M5 NORTH WALL: 100% OF CEDAR SHINGLE SIDING TO BE REPLACED. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING. ON BASEMENT LEVEL, REPLACE CEDAR SHINGLES WITH CEDAR PLANKS.</p> <p>M6 REPLACE WOODEN SIDING PLANKS WITH NEW CEDAR PLANKS.</p> <p>M7 SOUTH WALL TOP PORTION: REPLACE EXISTING WOOD PLANK SIDING. DIMENSION THE LENGTH OF THE NEW PLANKS TO ELIMINATE THE GAP BETWEEN THE TOP AND BOTTOM PARTS. REUSE EXISTING PLANKS WHEN POSSIBLE. PROVIDE CREDIT IF APPLICABLE.</p> <p>M8 REPLACE EXISTING SPRUCE PLANK SIDING ON THE NEW CONCRETE FOUNDATION WITH CEDAR PLANKS ON CEDAR FURRINGS.</p> <p>M9 1" THICK SPRUCE PLANK MOULDING TO BE REPLACED WITH 1" CEDAR MOULDING. DIMENSIONS AS PER EXISTING. SEE SECTION S/A43. INSTALL NEW IF MISSING.</p>	<p>WALL TYPES</p> <p>M10 TIMBER FRAMING AND 1" SPRUCE PLANKS.</p> <p>M11 TIMBER FRAMING, PLANKS AND CEDAR SHINGLES.</p> <p>M12 NEW CONCRETE FOUNDATION WALL.</p> <p>M13 EXISTANT TIMBER FOUNDATION TO BE DEMOLISHED.</p> <p>FLOOR FINISHES</p> <p>F1 REPLACE THE FLOOR BOARDS THAT ARE TOO SHORT, WITH NEW ONES AS PER EXISTING, BUT OF APPROPRIATE LENGTH TO FILL IN THE GAPS BETWEEN THE BOARDS (±1.2m). RECOVERATE EXISTING BOARDS THAT CAN BE REINSTALLED WHERE POSSIBLE TO FILL GAPS.</p> <p>F2 LOWER LEVEL, SOUTH SIDE: CLEAR THE CLAY OF ALL RESIDUAL MATERIAL AND CLEAN THE GROUND.</p>	<p>STRUCTURE</p> <p>S1 NEW BRACING ON ENTIRE SURFACE OF THE SOUTH WALL WITH WOODEN PLANKS ANGLED AT 45° (REFER TO ENGINEER'S DRAWINGS). REMOVE EXISTING PLANKS FOR INSTALLATION OF BRACING AND REINSTALL EXISTING VERTICAL PLANKS AS PER M3 AND M7.</p> <p>S2 BASE OF WOOD POSTS ARE ROTTEN. REPLACE WITH STEEL PILINGS CONNECTED WITH STIRRUPS. (REFER TO ENGINEER'S DRAWINGS FOR POSITION AND QUANTITY).</p> <p>S3 REPLACE STACKED TIMBER FOUNDATION (150mm X 150mm) WITH A CONCRETE WALL AS PER EXISTING ADJACENT CONCRETE FOUNDATION (REFER TO ENGINEER'S DRAWINGS). VALIDATE AND COORDINATE THE POSITION OF THE NEW CONCRETE WALL ON SITE, TO ALLOW ALIGNMENT OF THE NEW CLADDING WITH THE EXISTING CLADDING.</p> <p>S4 REPAIR AND LEVEL THE FLOOR ON THE SOUTH SIDE (REFER TO ENGINEER'S DRAWINGS).</p> <p>S5 REPAIR A CONNECTION OF A BEAM ON GROUND FLOOR AND MEZZANINE (REFER TO ENGINEER'S DRAWINGS).</p> <p>S6 INSTALLATION OF NEW BEAMS UNDER THE MEZZANINE (REFER TO ENGINEER'S DRAWINGS).</p>
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Gestion des biens et réalisation de projets / Asset Management and Project Delivery

Région du Québec / Quebec Region

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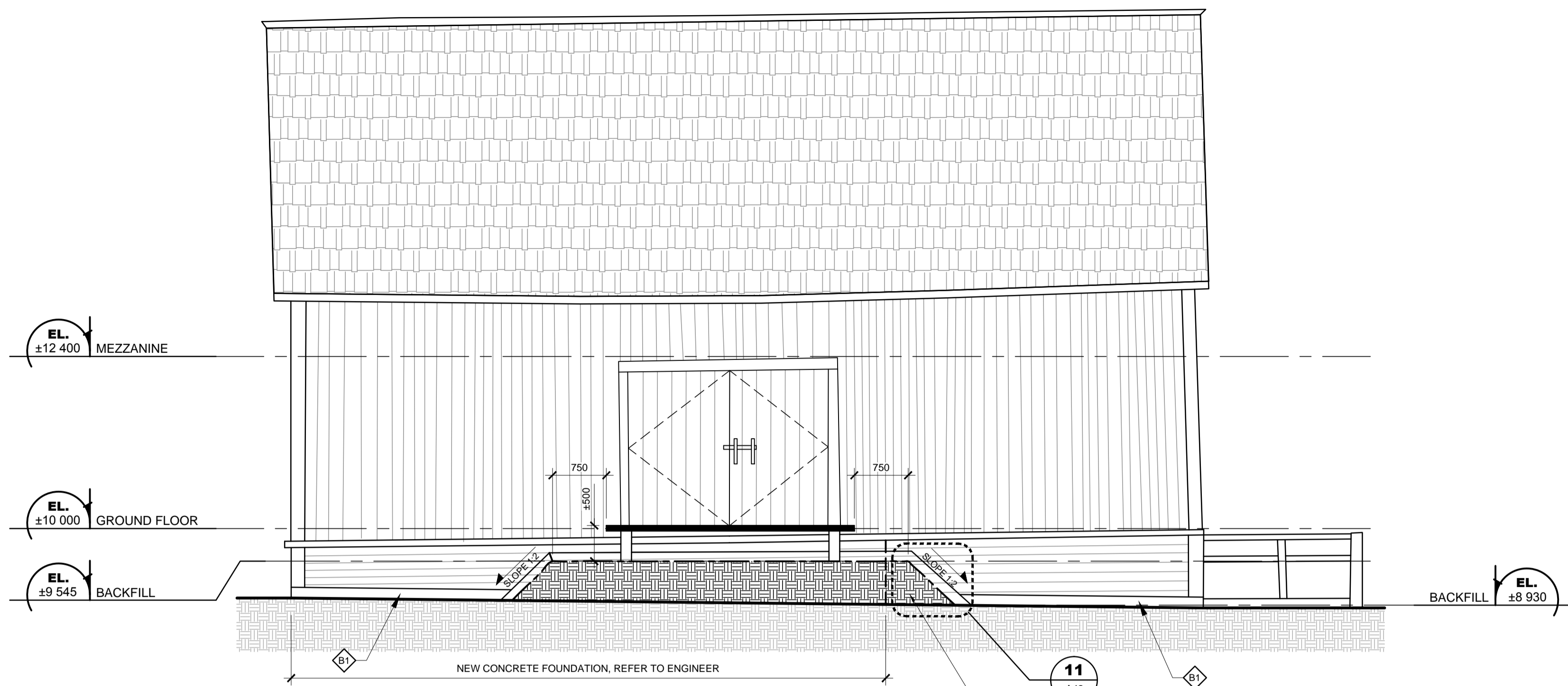
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TETRA TECH

Ordre des architectes du Québec

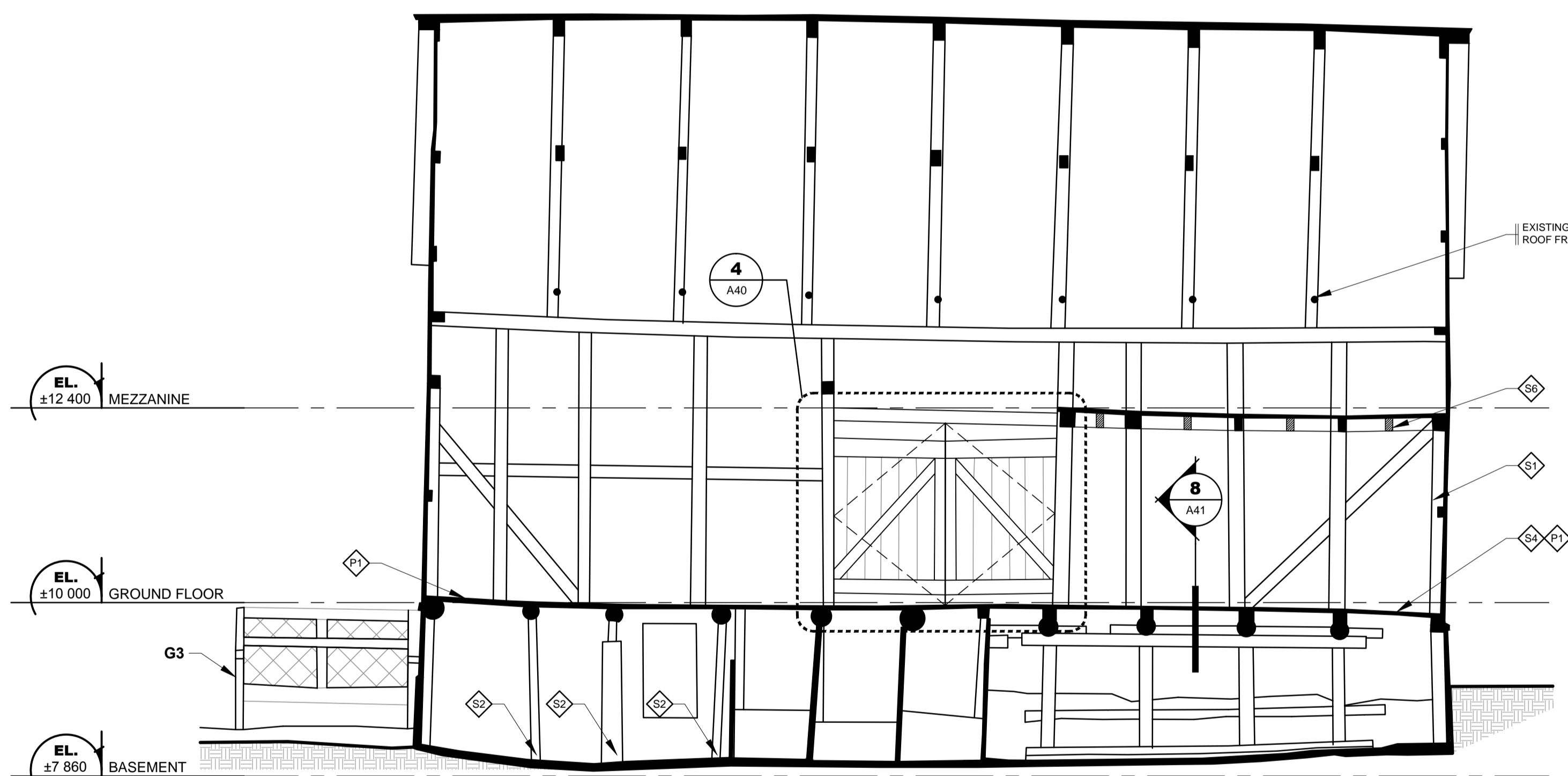
MARC JULIEN ARCHITECTE

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revisions / révisions	description	date					
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C							
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C							
<p>Projet: PARKS CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION</p> <p>Dessin: RESTORATION OF THE BARN BLANCHETTE ENSEMBLE</p>							
WEST ELEVATION (WATER SIDE) NORTH ELEVATION (HOUSE SIDE)							
Conçu par: O.F. & D.D. / Designed By		Date: 2017/05/17					
Dessiné par: D.D. / Drawn By		Date: 2017/07/18					
Examiné par: O.F. & D.B. / Reviewed By		Date: 2017/07/19					
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NOT FOR CONSTRUCTION							
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APC	PCA						
No. du dessin: A20@A21-EL-GEN-1413_4.DWG	Drawing no. A21						

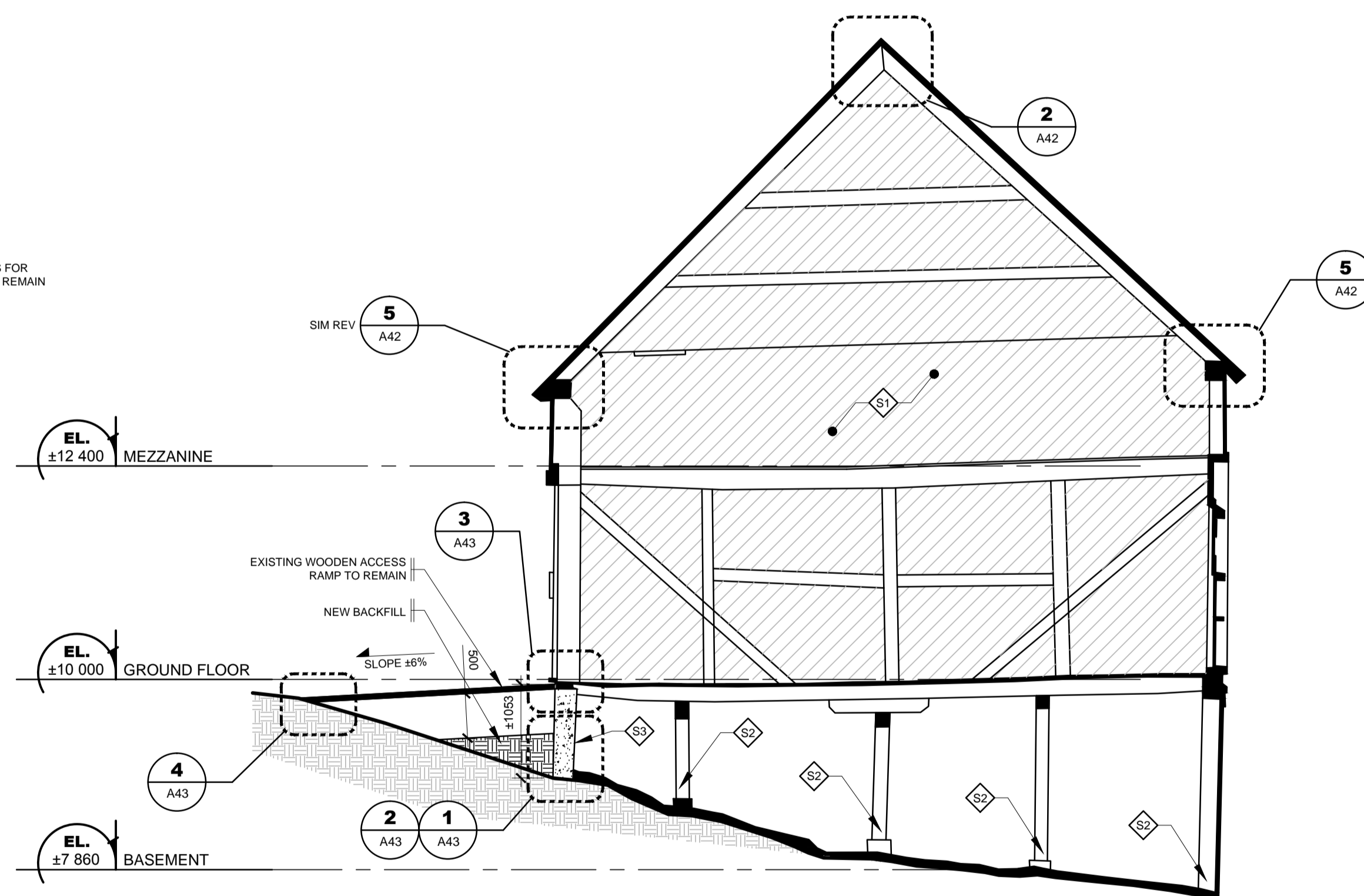


3 SECTION - BACKFILLING DITCH UNDER RAMP
1 : 50

TABLE OF WOOD CLADDING (ALLOWANCES EXCLUDED)						
FACADE / LEVEL	CLADDING	TOTAL QUANTITY (± m² or %)	QUANTITY TO BE REMOVED (± m² or %)	QUANTITY TO REINSTALL (± m² or %)	SUPPLY AND INSTALL (± m² or %)	QUANTITY TO REPLACE (± m² or %)
SOUTH	GF SPRUCE PLANKS	39,5 m²	39,5 m² (FOR NEW BRACING NOT INCLUDED IN PRESENT TABLE)	21 m²		18,5 m²
	B CEDAR SHINGLES	6 m²	6 m²			
	B NEW CEDAR PLANKS				6 m²	
EAST	GF SPRUCE PLANKS	33 m²				9 m²
	B SPRUCE PLANKS	11,5 m²	11,5 m²			
	B NEW CEDAR PLANKS				11,5 m²	
NORTH	GF CEDAR SHINGLES	SEE DRAWINGS				100 %
	B CEDAR SHINGLES	5 m²	5 m²			
	B SPRUCE PLANKS	5,5 m²	5,5 m²			
	B NEW CEDAR PLANKS				10,5 m²	
WEST	GF SPRUCE PLANKS	38 m²				6 m²
	B CEDAR SHINGLES	SEE DRAWINGS				100 %
ROOF	CEDAR SHINGLES	SEE DRAWINGS				100 %
FLOOR GF	SPRUCE PLANKS	87 m²				12 m²



2 LONGITUDINAL SECTION (NORTH-SOUTH)
1 : 50



1 CROSS SECTION (EAST-WEST)
1 : 50

SPECIFIC NOTES - CONSTRUCTION

GENERAL

- G1 TO STABILIZE THE STRUCTURE, ARCHITECTURAL RESTORATION WORK MUST BE REALIZED AFTER STRUCTURAL CONSOLIDATION WORK.
- G2 DEFINITION OF "REPLACE": EXISTING TO BE REMOVED, SUPPLY AND INSTALL NEW.
- G3 OUTDOOR ENCLOSURE FOR ANIMALS TO BE DISASSEMBLED TO ALLOW WORK ON THE OUTER WALL. REINSTALL AS PER EXISTING AFTER WORK IS COMPLETE.
- G4 PAINT ALL FACADES EXCEPT CEDAR SHINGLES CLADDING.

BASE OF BASEMENT WALLS

- G1 AT THE BASE OF ALL THE BASEMENT WALLS, INSTALL 225mm Ø CEDAR LOGS FOLLOWING THE OUTLINE OF THE GROUND AND PARTIALLY BURIED TO PROTECT THE WOOD PLANK SIDING. FIX SOLIDLY TO EXTERIOR WALL.

ROOF

- F1 EXISTING CEDAR SHINGLE ROOFING TO BE DEMOLISHED. REPAIR AND MAKE GOOD THE SUPPORT BOARDS. SUPPLY AND INSTALL A NEW CEDAR SHINGLE ROOFING (SEE DETAILS).
- F2 REMOVE RIDGE MOULDING. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW RIDGE MOULDING AS PER EXISTING.
- F3 REMOVE FASCIA AND SOFFIT PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL NEW FASCIA AND SOFFIT PLANKS AS PER EXISTING (SEE DETAILS).

WINDOWS (PINE) & DOORS (SPRUCE)

- F1 SCRAPE, CLEAN, PRIME AND PAINT ALL SURFACES OF EXISTING DOORS (FRAMES, MOULDINGS AND WOODEN HANDLES).
- F2 REMOVE ANY TRACE OF CORROSION, CLEAN, PRIME AND PAINT ALL HARDWARE OF EXISTING DOORS.
- F3 REPLACE EXISTING SPRUCE WINDOW FRAME WITH NEW AS PER EXISTING.
- F4 REMOVE TOP PLANK. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE. SUPPLY AND INSTALL A NEW PLANK AS PER EXISTING.
- F5 REPLACE EXISTING WINDOW WITH NEW WINDOW, WITH SAME APPEARANCE AND ASSEMBLED WITH SAME CONSTRUCTION METHODS AS PER EXISTING. TAKE DIMENSIONS OF ALL EXISTING ELEMENTS. BUILD A SAMPLE MOCKUP FOR APPROVAL. KEEP EXISTING WINDOW FOR COMPARISON.
- F6 REPLACE WOODEN PIECE. SAME VARIETY OF WOOD, THICKNESS AND WORKMANSHIP AS PER EXISTING.

EXTERIOR SIDING

- M1 SCRAPE AND CLEAN EXISTING EXTERIOR WOOD PLANK SIDING. PAINT EXISTING AND NEW SIDING AND MOULDINGS.
- M2 EAST WALL: 25% (+/- 9m² of 35m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE.
- M3 SOUTH WALL BOTTOM PORTION (GROUND FLOOR LEVEL): 20% (+/- 5,5m² of 27m²) 1" SPRUCE PLANKS TO BE REPLACED. POSITION TO BE DETERMINED ON SITE. 100% OF CEDAR SHINGLE SIDING ON BASEMENT LEVEL TO BE REPLACED WITH CEDAR PLANKS. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW SIDINGS. SEE NOTE S1.
- M4 WEST WALL: 15% (+/- 6m² of 38m²) 1" SPRUCE PLANKS TO BE REPLACED ON GROUND FLOOR LEVEL. POSITION TO BE DETERMINED ON SITE. 100% OF CEDAR SHINGLE SIDING TO BE REPLACED ON BASEMENT LEVEL WITH NEW CEDAR SHINGLES. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING.

EXTERIOR SIDING (CONTINU.)

- M5 NORTH WALL: 100% OF CEDAR SHINGLE SIDING TO BE REPLACED. REPAIR AND MAKE GOOD THE SUPPORTING SURFACE TO RECEIVE THE NEW CEDAR SHINGLE SIDING ON BASEMENT LEVEL. REPLACE CEDAR SHINGLES WITH CEDAR PLANKS.
- M6 REPLACE WOODEN SIDING PLANKS WITH NEW CEDAR PLANKS.
- M7 SOUTH WALL TOP PORTION: REPLACE EXISTING WOOD PLANK SIDING. DIMENSION THE LENGTH OF THE NEW PLANKS TO ELIMINATE THE GAP BETWEEN THE TOP AND BOTTOM PARTS. REUSE EXISTING PLANKS WHEN POSSIBLE. PROVIDE CREDIT IF APPLICABLE.
- M8 REPLACE EXISTING SPRUCE PLANK SIDING ON THE NEW CONCRETE FOUNDATION WITH CEDAR PLANKS ON CEDAR FURRINGS.
- M9 1" THICK SPRUCE PLANK MOULDING TO BE REPLACED WITH 1" CEDAR MOULDING. DIMENSIONS AS PER EXISTING. SEE SECTION S/A43. INSTALL NEW IF MISSING.

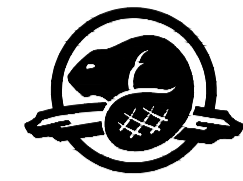
WALL TYPES

- M10 TIMBER FRAMING AND 1" SPRUCE PLANKS.
- M11 TIMBER FRAMING, PLANKS AND CEDAR SHINGLES.
- M12 NEW CONCRETE FOUNDATION WALL.
- M13 EXISTANT TIMBER FOUNDATION TO BE DEMOLISHED.
- F1 REPLACE THE FLOOR BOARDS THAT ARE TOO SHORT, WITH NEW ONES AS PER EXISTING, BUT OF APPROPRIATE LENGTH TO FILL IN THE GAPS BETWEEN THE BOARDS (+/- 12m²). RECURATE EXISTING BOARDS THAT CAN BE REINSTALLED WHERE POSSIBLE TO FILL GAPS.
- F2 LOWER LEVEL, SOUTH SIDE: CLEAR THE CLAY OF ALL RESIDUAL MATERIAL AND CLEAN THE GROUND.

FLOOR FINISHES

STRUCTURE

- S1 NEW BRACING ON ENTIRE SURFACE OF THE SOUTH WALL WITH WOODEN PLANKS ANGLED AT 45° (REFER TO ENGINEER'S DRAWINGS). REMOVE EXISTING PLANKS FOR INSTALLATION OF BRACING AND REINSTALL EXISTING VERTICAL PLANKS AS PER M3 AND M7.
- S2 BASE OF WOOD POSTS ARE ROTTEN. REPLACE WITH STEEL PILINGS CONNECTED WITH STIRRUPS. (REFER TO ENGINEER'S DRAWINGS FOR POSITION AND QUANTITY).
- S3 REPLACE STACKED TIMBER FOUNDATION (150mm X 150mm) WITH A CONCRETE WALL, AS PER EXISTING ADJACENT CONCRETE FOUNDATION (REFER TO ENGINEER'S DRAWINGS). VALIDATE AND COORDINATE THE POSITION OF THE NEW CONCRETE WALL ON SITE, TO ALLOW ALIGNMENT OF THE NEW CLADDING WITH THE EXISTING CLADDING.
- S4 REPAIR AND LEVEL THE FLOOR ON THE SOUTH SIDE (REFER TO ENGINEER'S DRAWINGS).
- S5 REPAIR A CONNECTION OF A BEAM ON GROUND FLOOR AND MEZZANINE (REFER TO ENGINEER'S DRAWINGS).
- S6 INSTALLATION OF NEW BEAMS UNDER THE MEZZANINE (REFER TO ENGINEER'S DRAWINGS).



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révisions	description	date
A	A no. du detail	A
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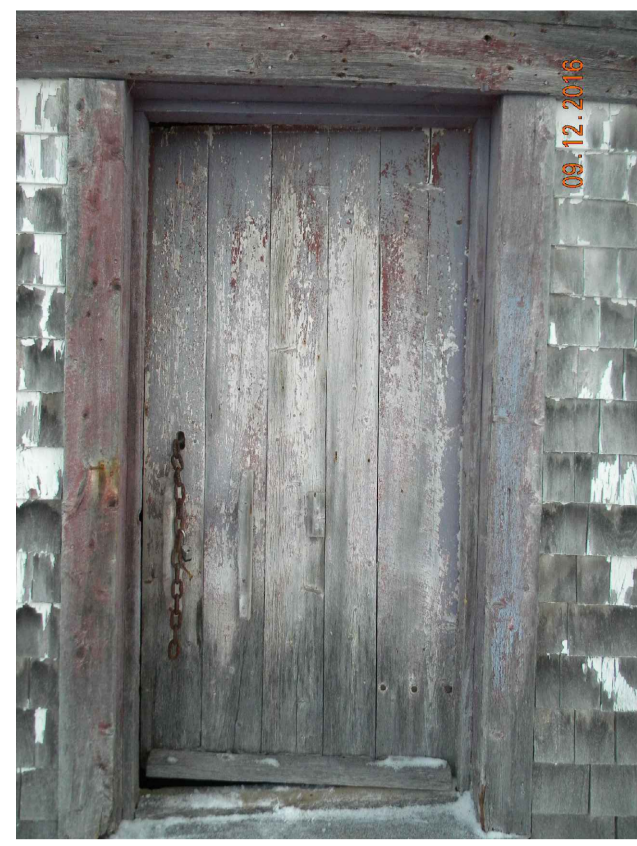
Projet	Project
PARKS CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION	
RESTORATION OF THE BARN BLANCHETTE ENSEMBLE	
Dessin	Drawing

CROSS SECTION LONGITUDINAL PLAN BACKFILLING DITCH UNDER RAMP

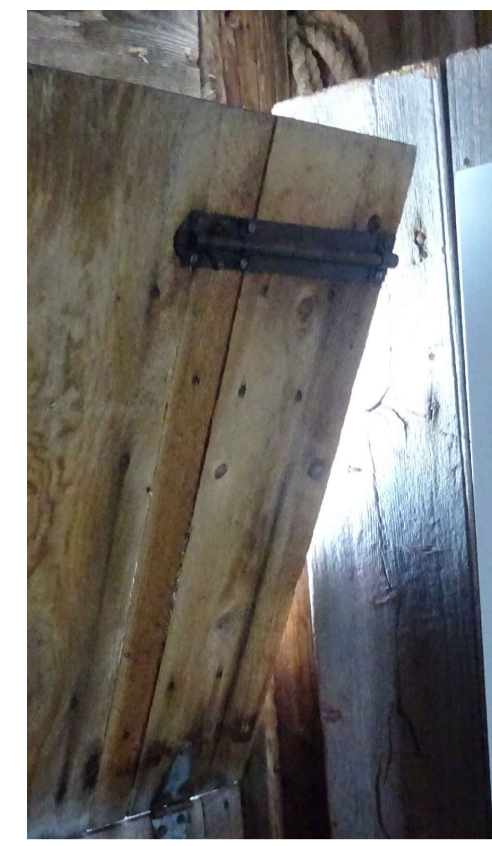
Conçu par	O.F. & D.D.	Designed By
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Approuvé par	M.J.	Approved By
Date	2017/07/20	

NOT FOR CONSTRUCTION

No. du projet	1413-4	Project no.
APC		PCA
No. du dessin		Drawing no.
		A30



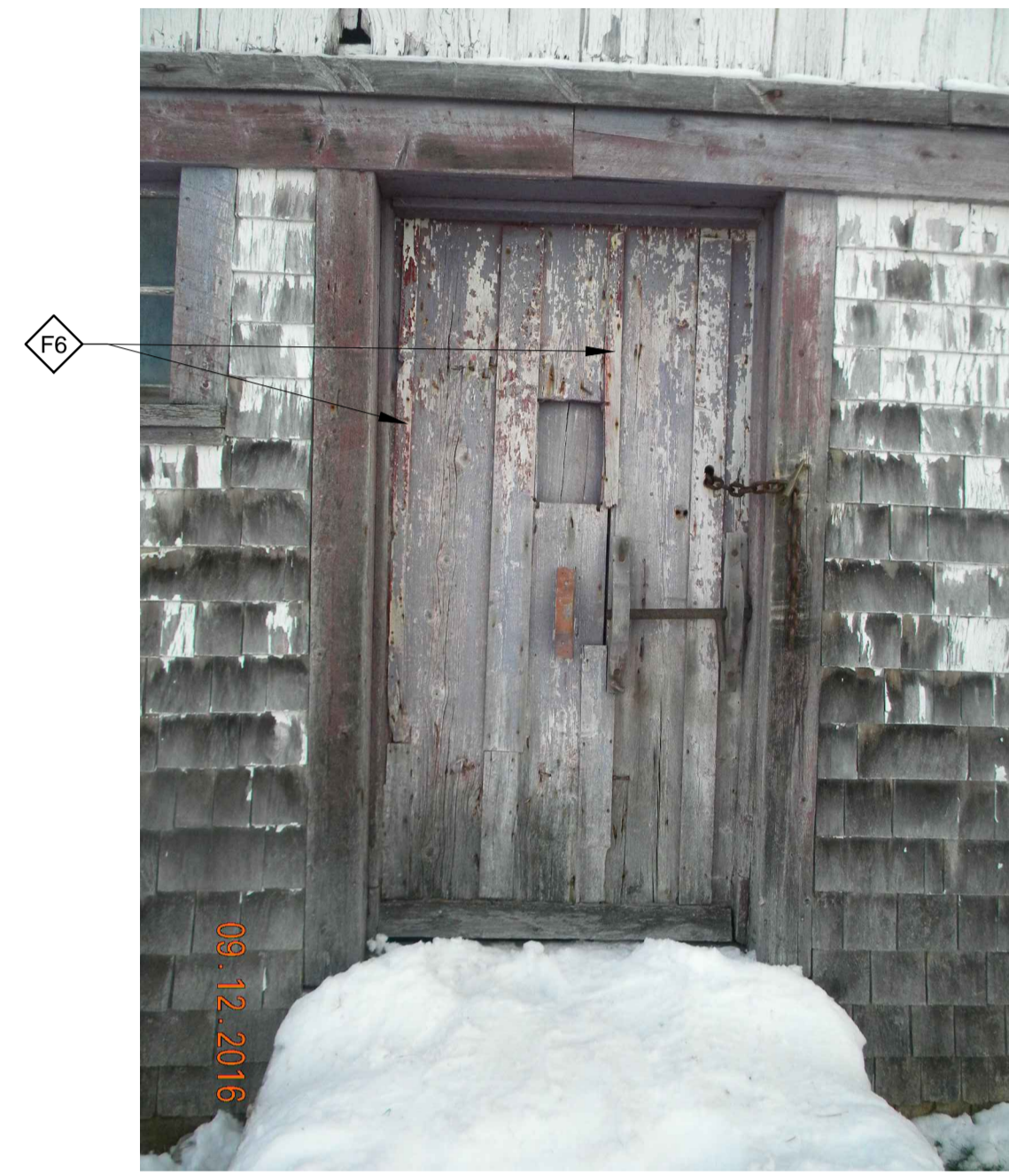
9 BASEMENT DOOR #1 HARDWARE
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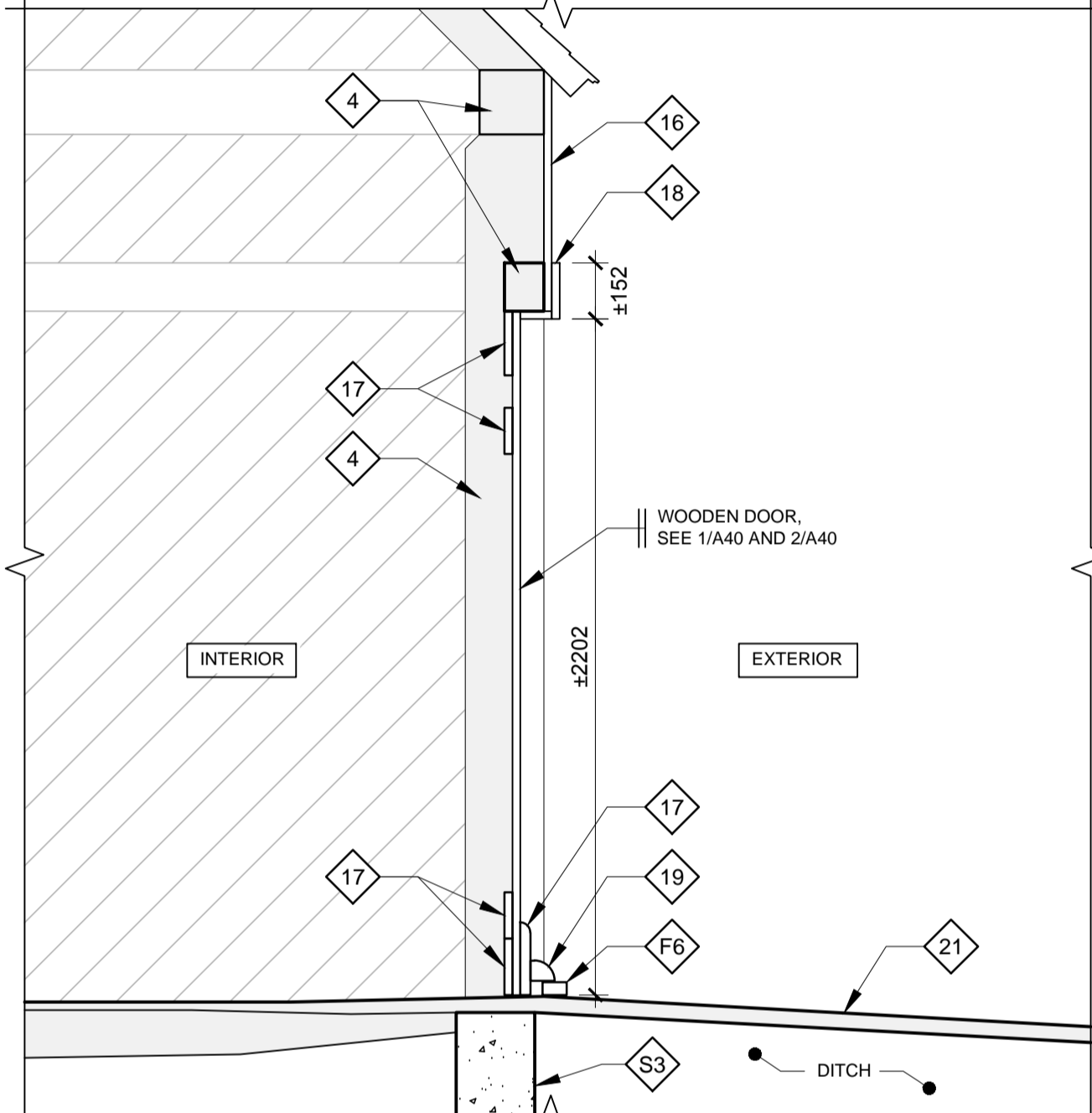
8 GROUND FLOOR OPENING HARDWARE
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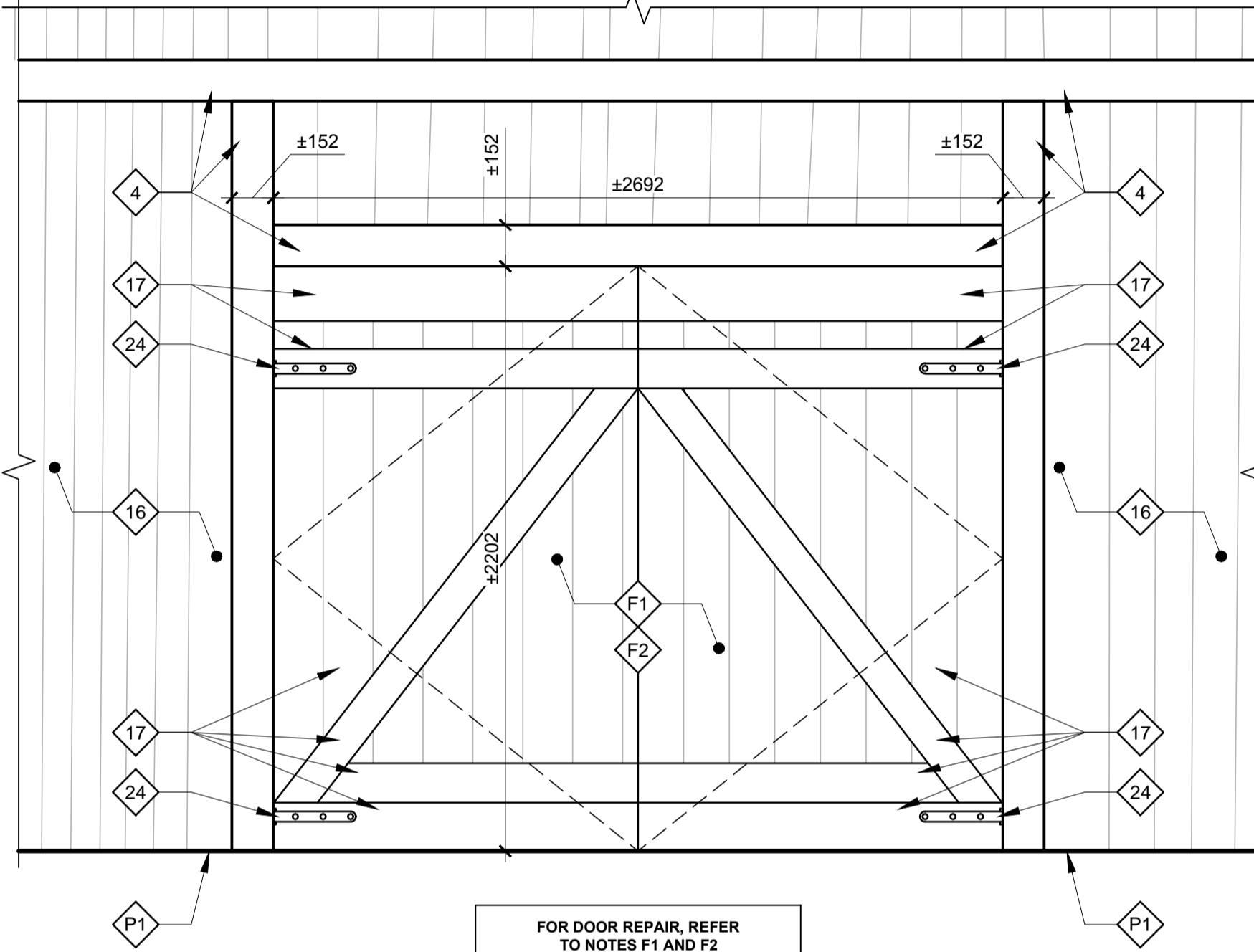
7 GROUND FLOOR MAIN DOOR HARDWARE
NO SCALE



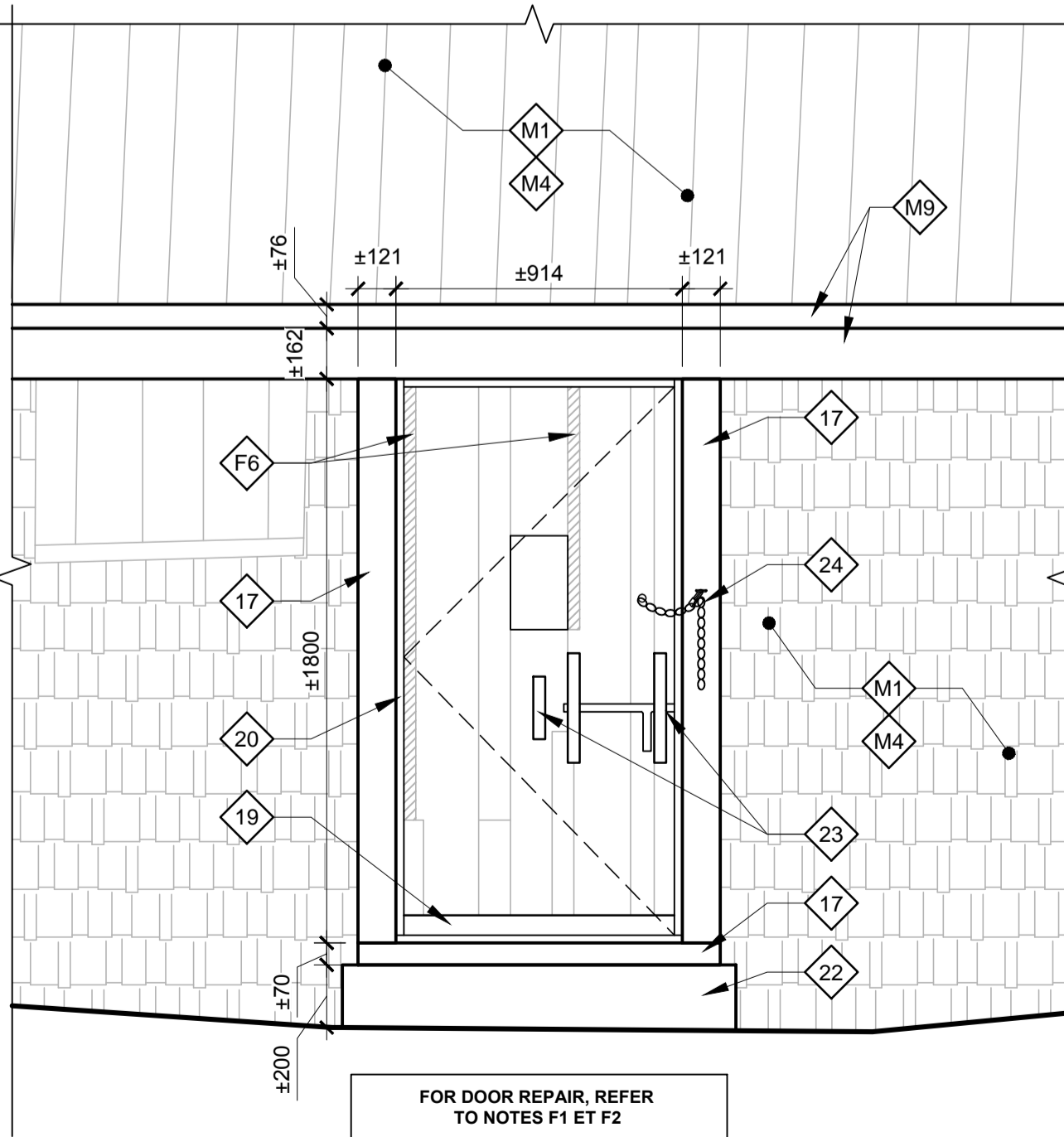
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NO SCALE



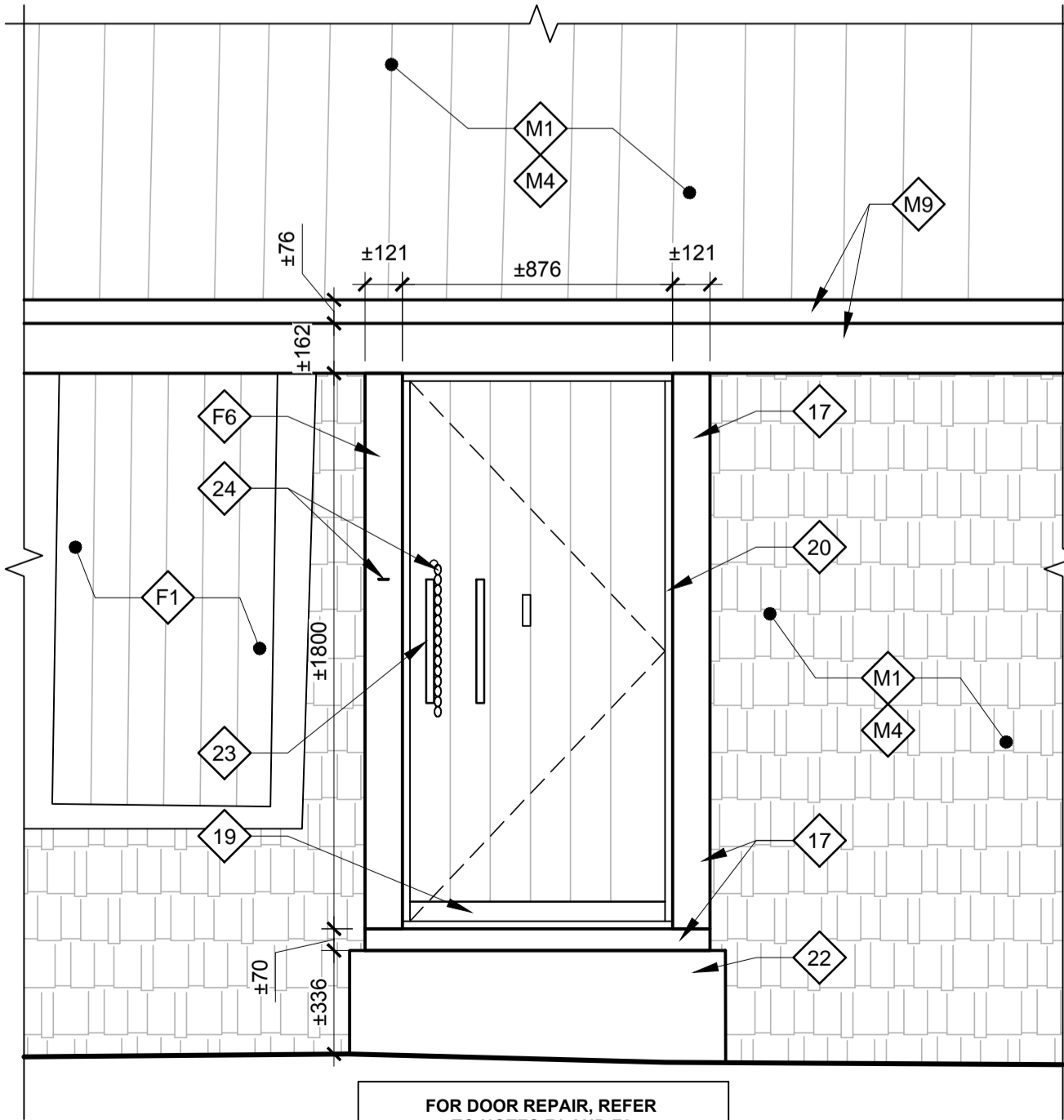
5 SECTION DETAIL - MAIN DOOR
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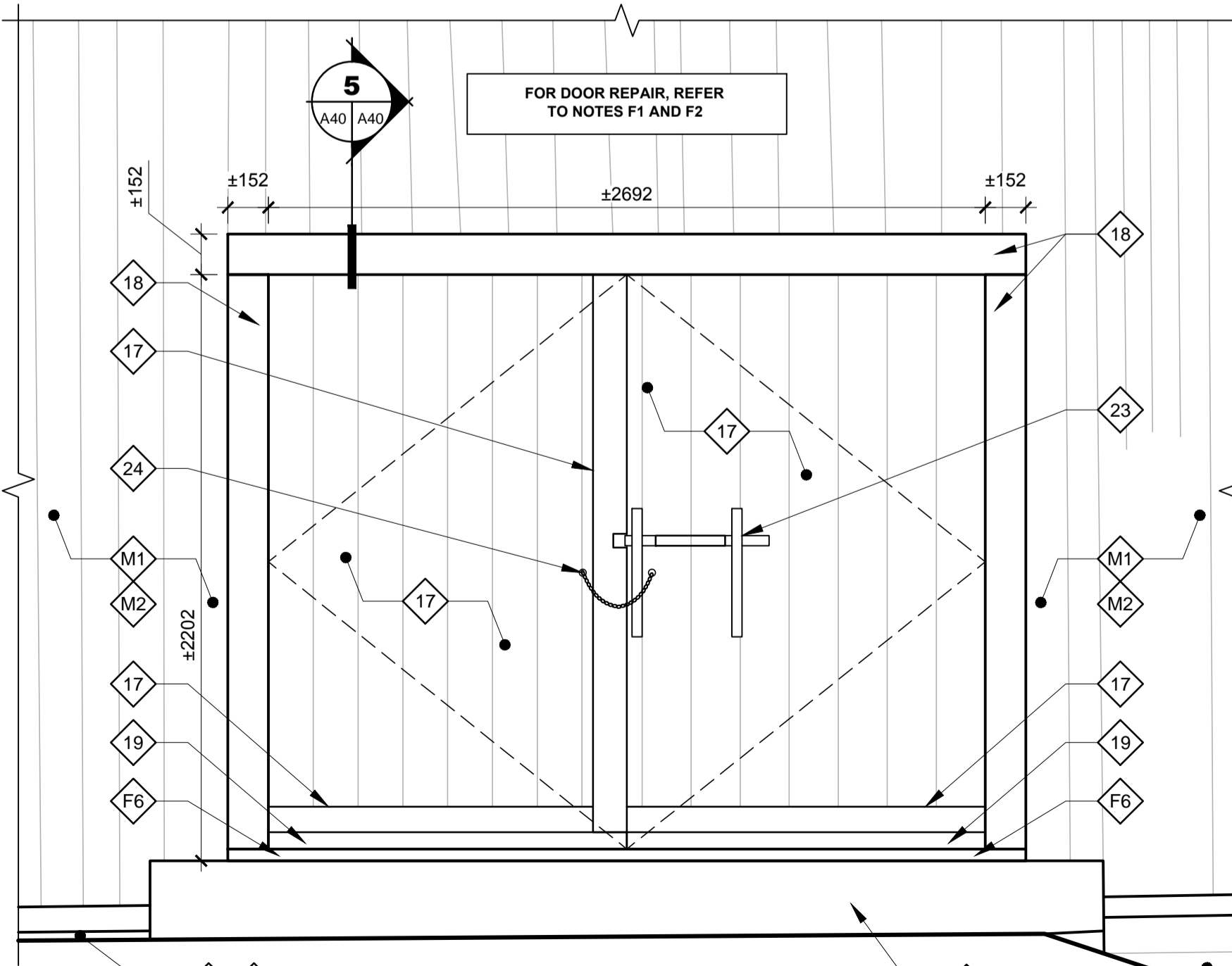
4 MAIN DOOR GROUND FLOOR - INTERIOR
1:20



3 BASEMENT DOOR #2 - EXTERIOR
1:20



2 BASEMENT DOOR #1 - EXTERIOR
1:20



1 MAIN DOOR GROUND FLOOR - EXTERIOR
1:20

- SPECIFIC NOTES - DETAILS**
- NEW CEDAR RIDGE MOULDING, SAME TYPE, OUTLINE AND DIMENSIONS AS PER EXISTING, SEE NOTE T2.
 - NEW STAINLESS STEEL MOSQUITO NET.
 - NEW CEDAR SHINGLES, SPACING, OVERLAP AND GAUGE AS PER EXISTING. SEE ELEVATIONS. INSTALL DOUBLE STARTER ROW AT THE EDGE OF THE ROOF.
 - EXISTING TIMBER FRAMING TO REMAIN.
 - EXISTING WOOD DECK TO REMAIN.
 - NEW HIGH-TEMPERATURE SELF-ADHESIVE AIR-BLOCK MEMBRANE ON ENTIRE ROOF SURFACE.
 - NEW VERTICAL WOODEN LATHS 19mm x 64mm @ 610 mm c/c.
 - NEW HORIZONTAL WOODEN LATHS 25mm x 76mm. DISTANCE c/c EQUAL TO SHINGLE SPACING.
 - NEW FLASHING WITH 12mm RETURN FOR WATERPROOFING.
 - NEW WOODEN SPACER 19mm (TH) x 89mm (W.) x 64mm (L.) INSTALLED IN FRONT OF EVERY VERTICAL LATH (610 mm c/c). THE GAP BETWEEN EACH SPACER MUST BE FILLED WITH VENTILATION SCREENS.
 - NEW CONTINUOUS 102mm WIDE CEDAR CANT STRIP.
 - OUTLINE OF NEW METAL RIDGE STRAP UNDERNEATH.
 - NEW METAL RIDGE STRAP. LATERAL OVERLAP OF 150mm AT JOINTS.
 - NEW METAL J-CUPS @ 300mm c/c.
 - NEW METAL SPACER @ 300mm c/c.
 - WOOD PLANK SIDING, REFER TO ELEVATIONS.
 - EXISTING WOOD PLANK TO REMAIN. SEE NOTES F1 AND F2 ON PAGE A20.
 - EXISTING WOOD MOULDING TO REMAIN. REINSTALL AS PER EXISTING IF DISMANTLED DURING WORK.
 - EXISTING ROUND WOOD PIECE TO REMAIN.
 - EXISTING WOOD FRAME TO REMAIN.
 - REINSTALL EXISTING WOODEN RAMP AFTER STRUCTURAL WORK. REFER TO DETAILS ON PAGE A43 AND ENGINEER'S DRAWINGS FOR DETAILS.
 - EXISTING WOODEN RAMP TO REMAIN.
 - EXISTING WOOD AND METAL LATCH TO REMAIN, SEE NOTE F2.
 - EXISTING CHAIN, EYELET, HINGE AND OTHER HARDWARE TO REMAIN, SEE NOTE F2 ON PAGE A20.
 - LEVEL OF GROUND AND EXCAVATION, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - GRAVEL PATHWAY, REFER TO CIVIL ENGINEER'S DRAWINGS.
 - GRANULAR MATERIAL, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - PRESSURE TREATED WOOD BLOCKING, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - PRESSURE TREATED WOOD AND THREADED ROD, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - EXISTING WOOD POST AND BEAM, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
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 - DRAINAGE, REFER TO CIVIL ENGINEER'S DRAWINGS.
 - BACKFILL, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
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TETRA TECH

Ordre des architectes
MARC JULIEN
ARCHITECTE
du Québec

1	ISSUED FOR TENDER	21-07-2017
révisions / revisions	description	date
A	A no. du détail	A
B	B sur dessin no.	B
C	C location drawing no.	C
	C drawing no.	
	C dessin no.	

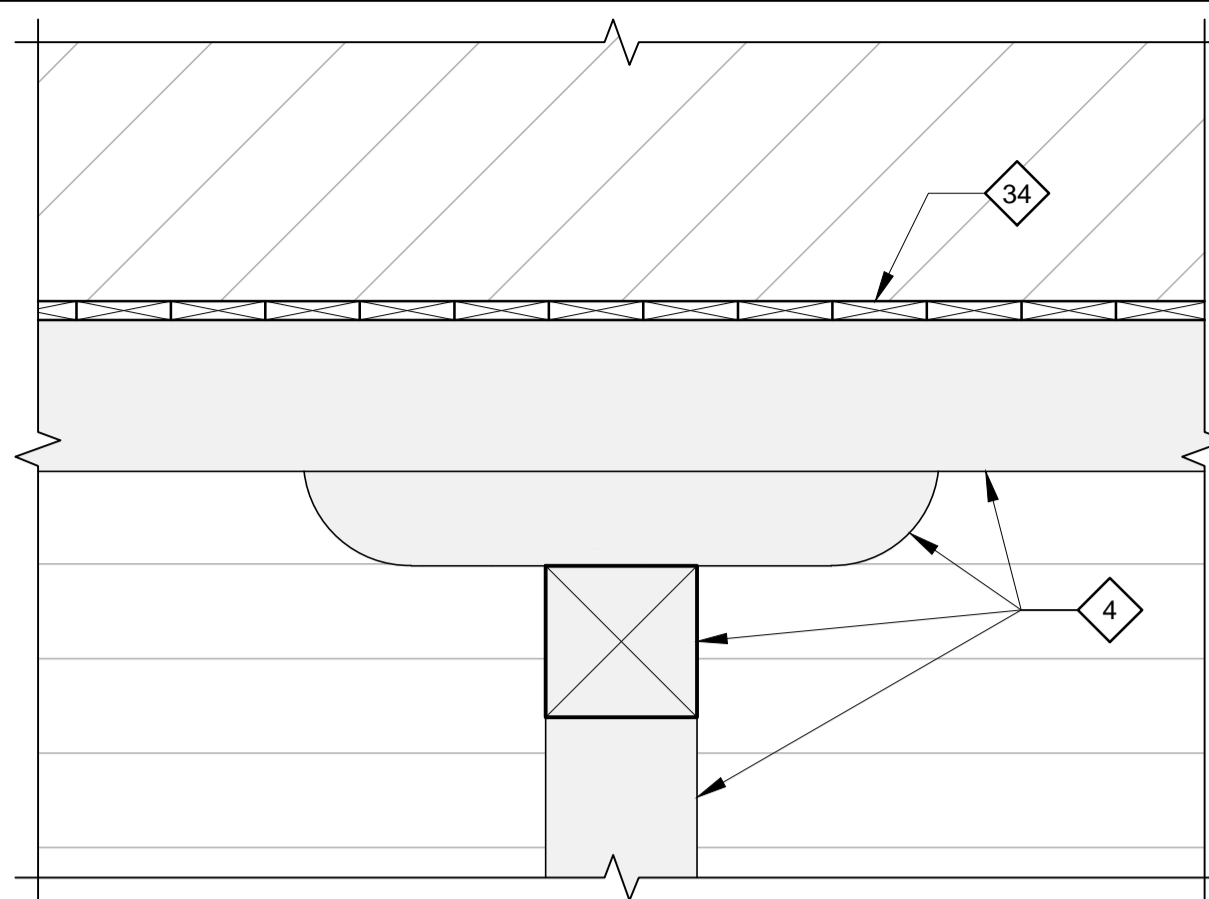
Projet: **PARKS CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION**
Restoration of the Barn Blanchette Ensemble

Dessin: **CONSTRUCTION DETAILS DOORS**

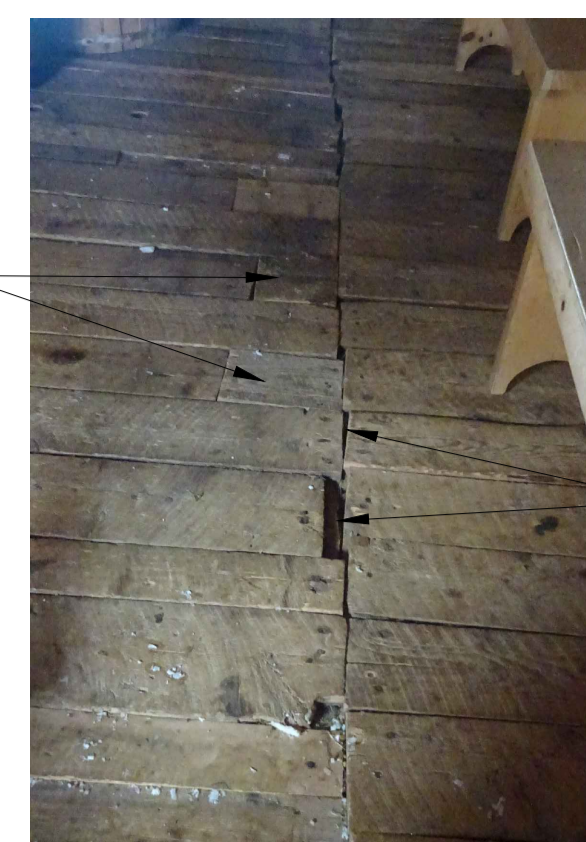
Conçu par	O.F. & D.D.	Designed By
Date	2017/05/17	Drawn By
Dessiné par	D.D.	Drawn By
Date	2017/07/18	Reviewed By
Examiné par	O.F. & D.B.	Reviewed By
Date	2017/07/19	Approved By
Approuvé par	M.J.	Approved By
Date	2017/07/20	

NOT FOR CONSTRUCTION

No. du projet	1413-4	Project no.
APC		PCA
No. du dessin		Drawing no.
		A40

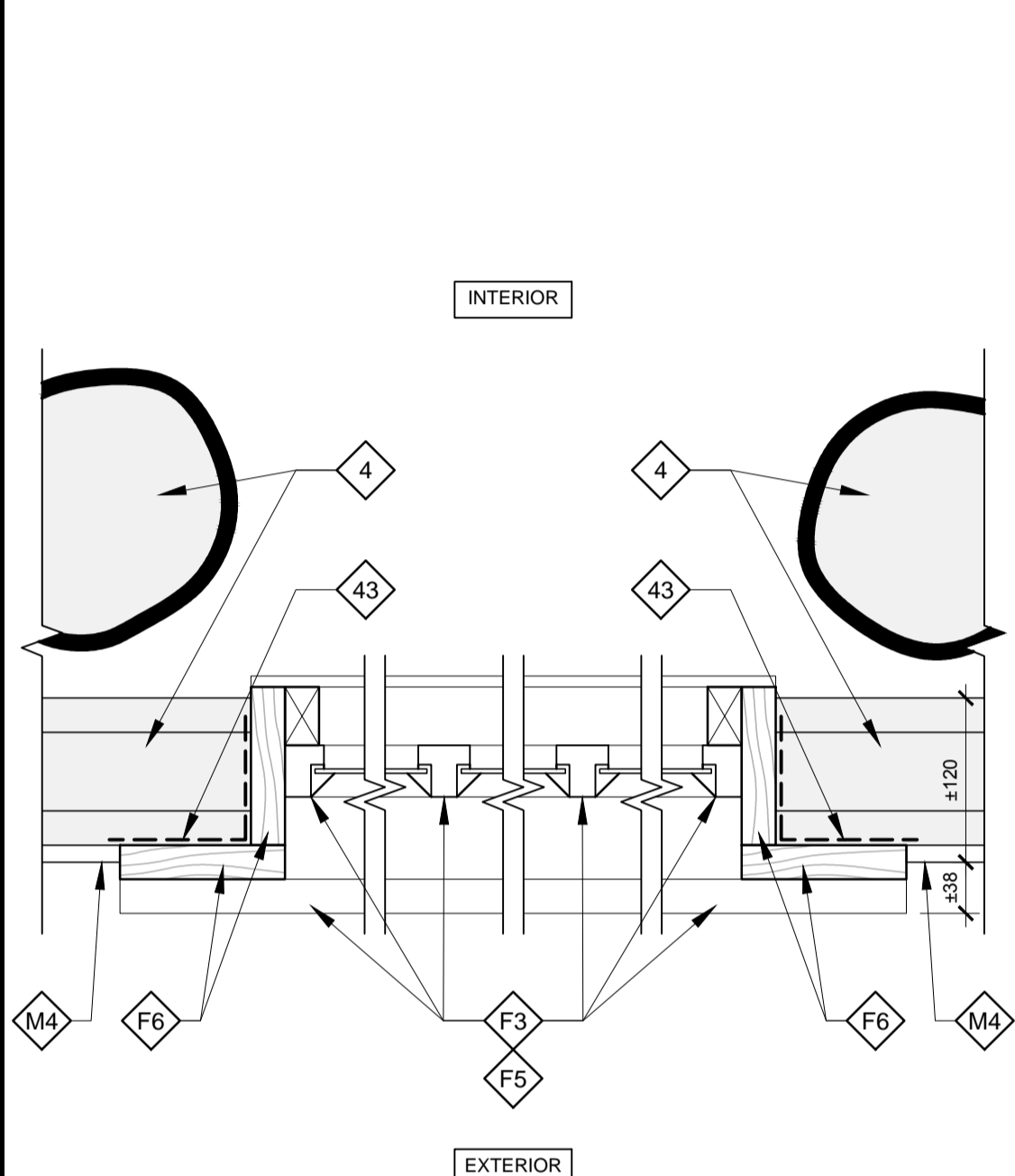


8 SECTION GF - NEW FLOORING BOARDS
1:10

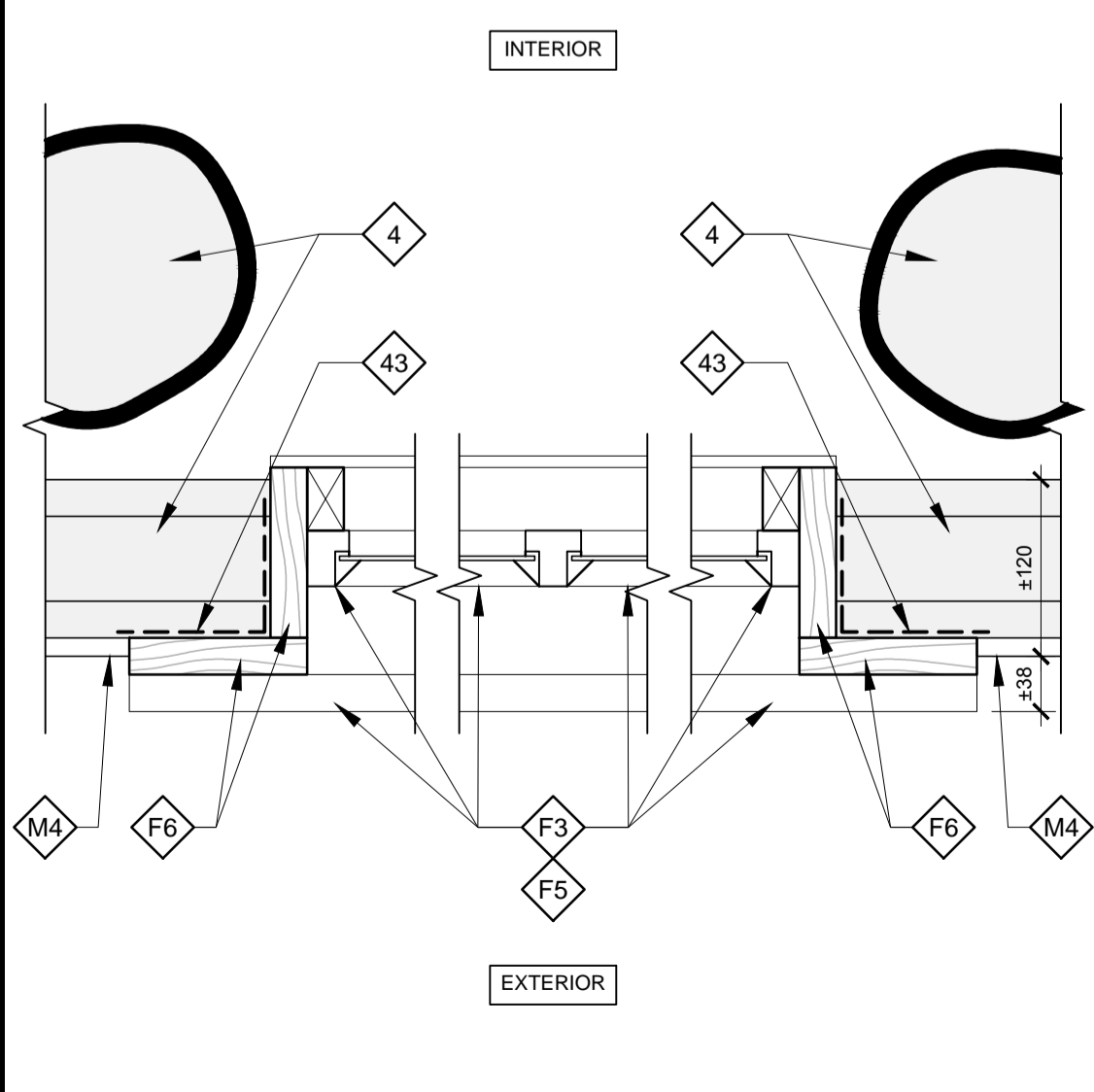


7 GROUND FLOOR - FLOORING PHOTO
NO SCALE

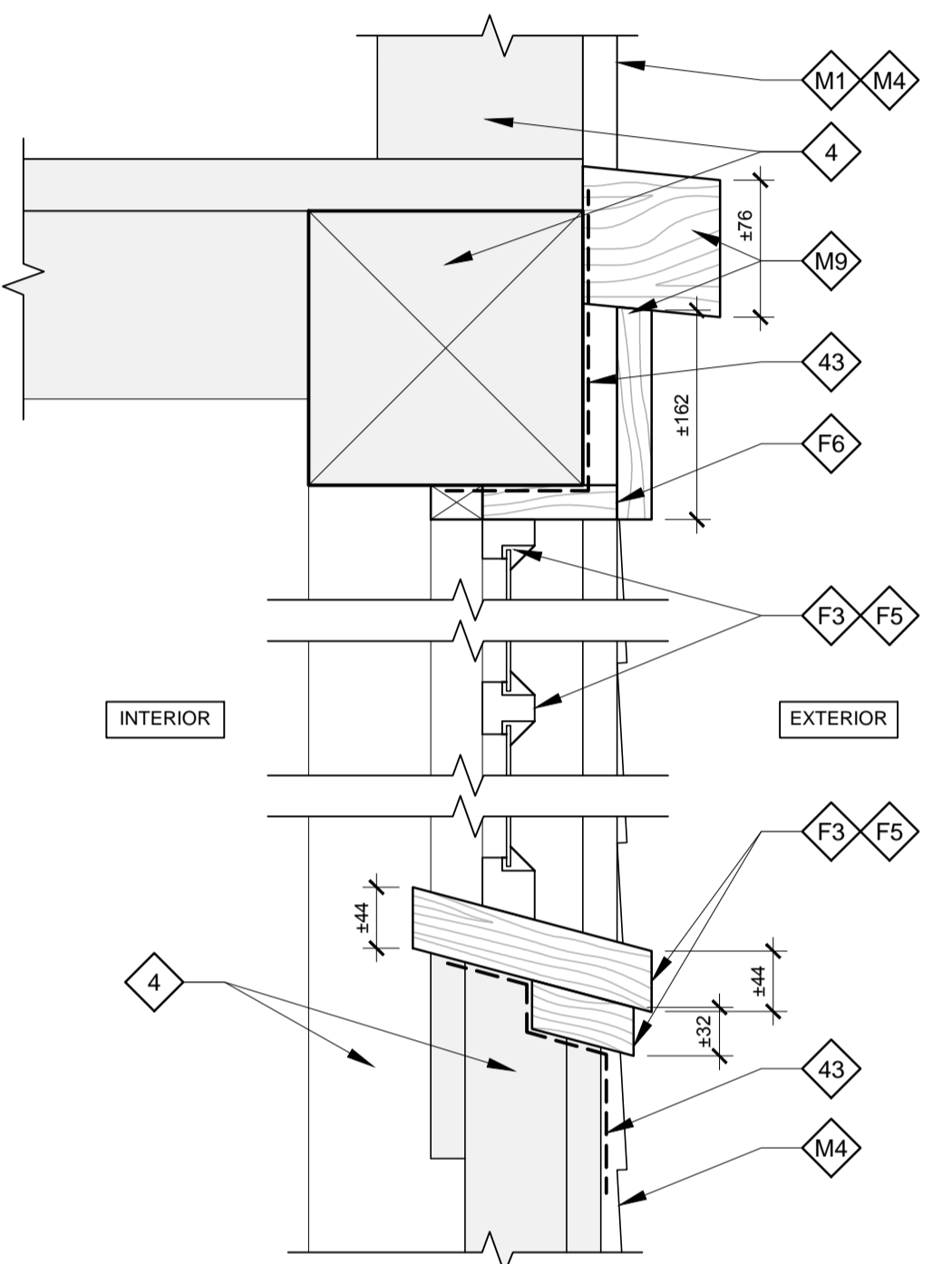
- SPECIFIC NOTES - DETAILS**
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 - EXISTING WOOD MOULDING TO REMAIN. REINSTALL AS PER EXISTING IF DISMANTLED DURING WORK.
 - EXISTING ROUND WOOD PIECE TO REMAIN.
 - EXISTING WOOD FRAME TO REMAIN.
 - REINSTALL EXISTING WOODEN RAMP AFTER STRUCTURAL WORK. REFER TO DETAILS ON PAGE A43 AND ENGINEER'S DRAWINGS FOR DETAILS.
 - EXISTING WOODEN RAMP TO REMAIN.
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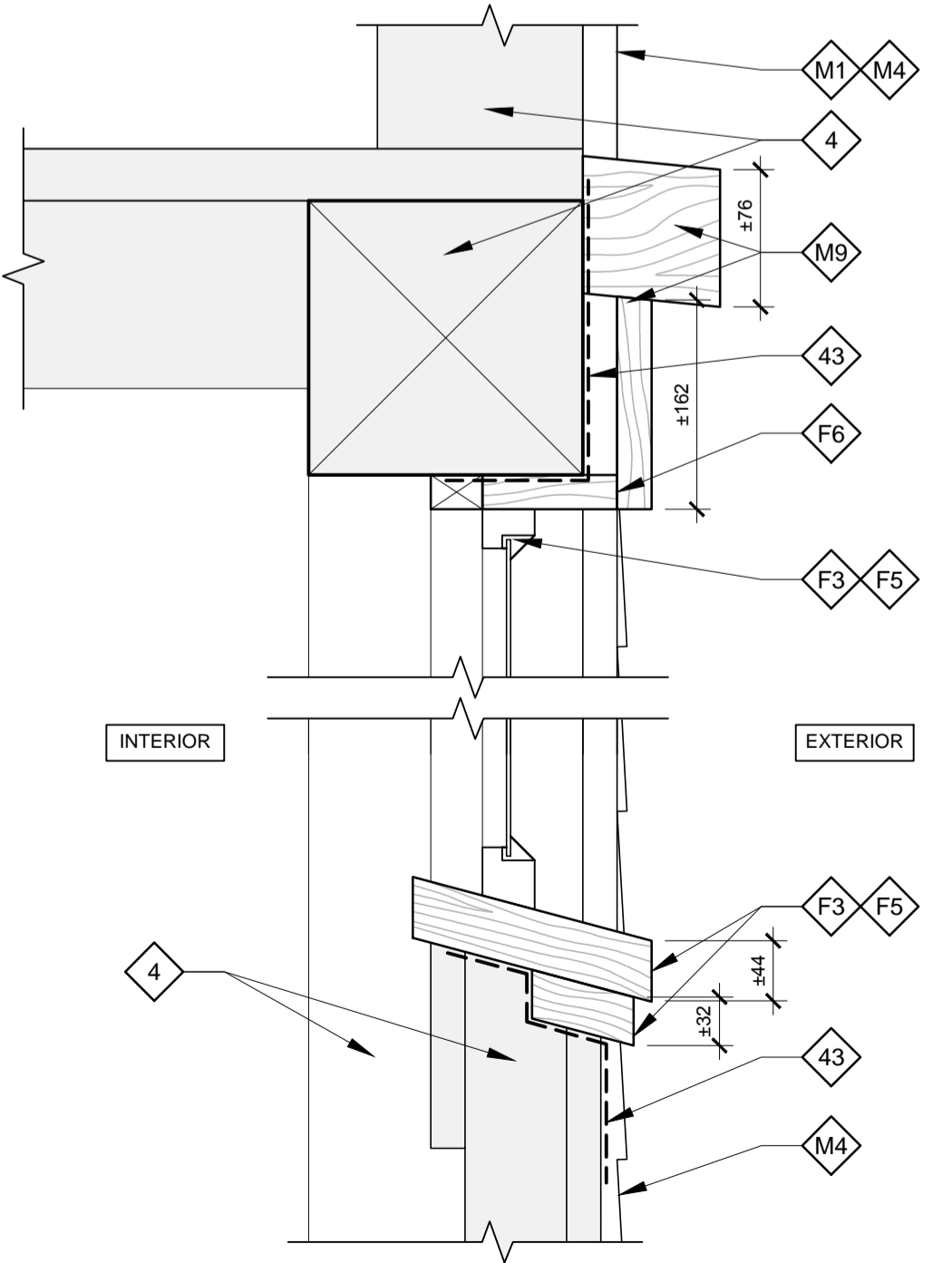
6 NEW WINDOW #2 - PLAN
1:5



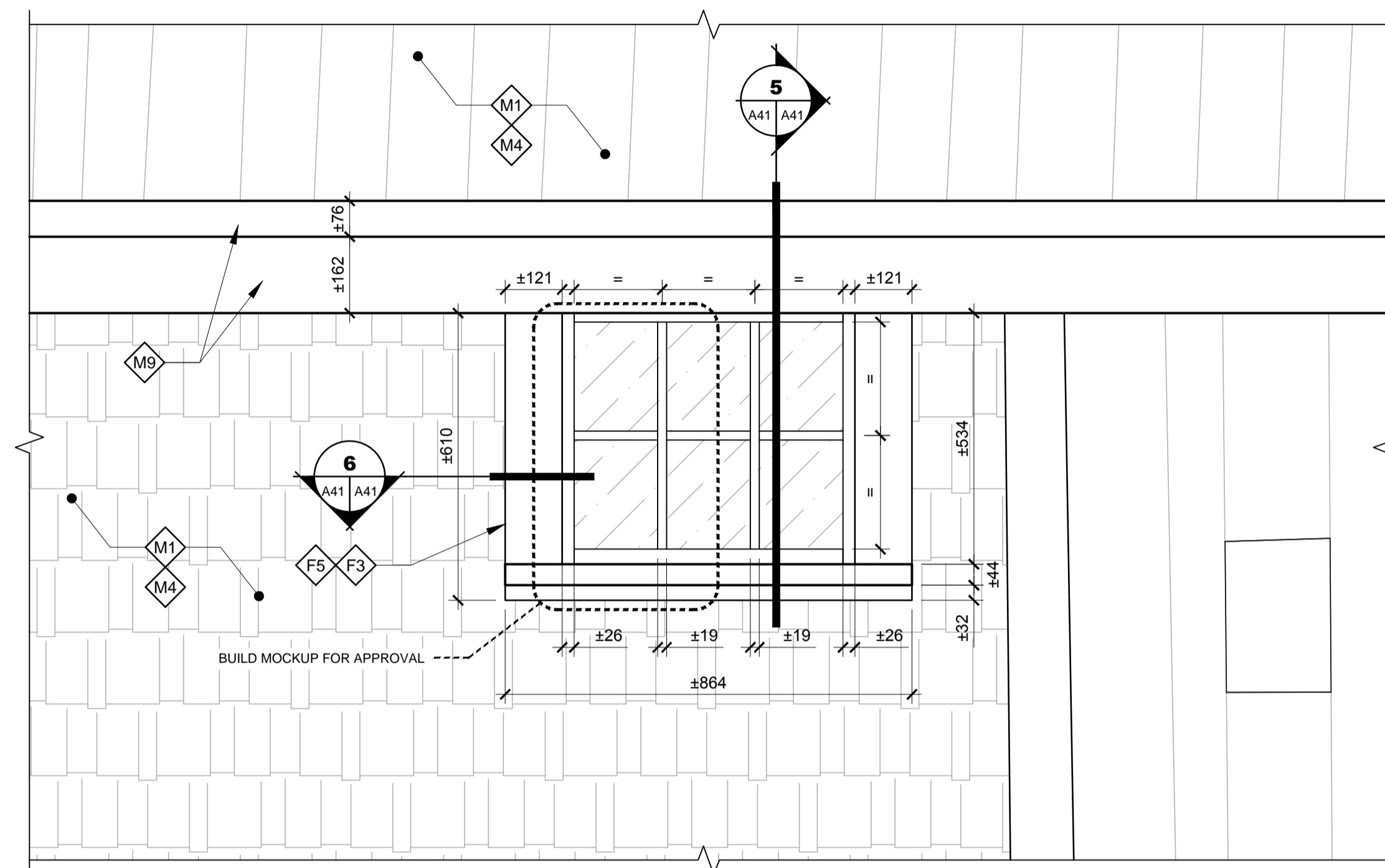
3 NEW WINDOW #1 - PLAN
1:5



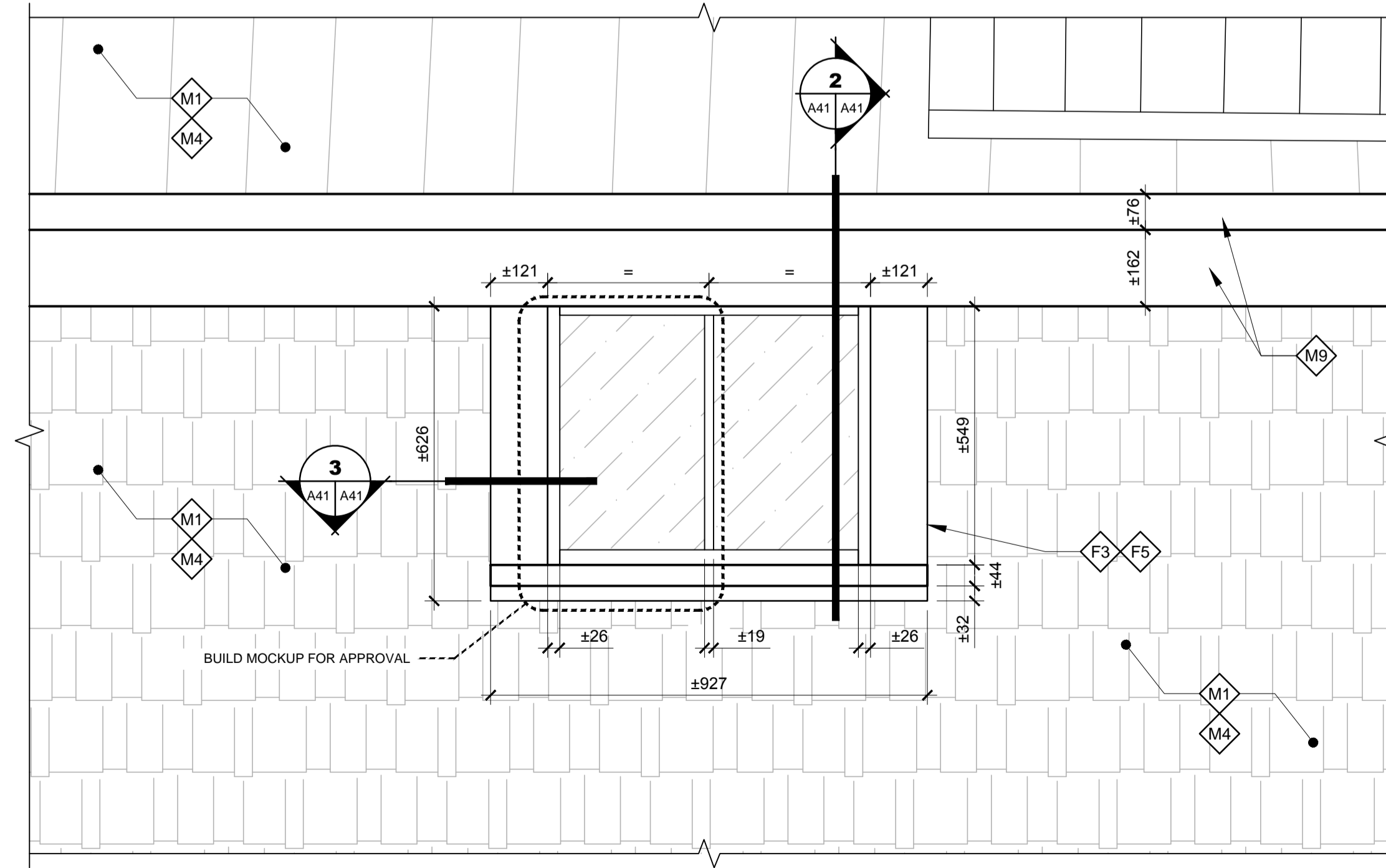
5 NEW WINDOW #2 - SECTION
1:5



2 NEW WINDOW #1 - SECTION
1:5



4 NEW WINDOW #2 - EXTERIOR VIEW
1:10



1 NEW WINDOW #1 - EXTERIOR VIEW
1:10

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Ordre des architectes du Québec
MARC JULIEN
ARCHITECTE

1	ISSUED FOR TENDER	21-07-2017
revisions	description	date

Projet Project

**PARKS CANADA
FORILLON NATIONAL PARK
GRANDE-GRAVE REGION**

**RESTORATION OF THE BARN
BLANCHETTE ENSEMBLE**

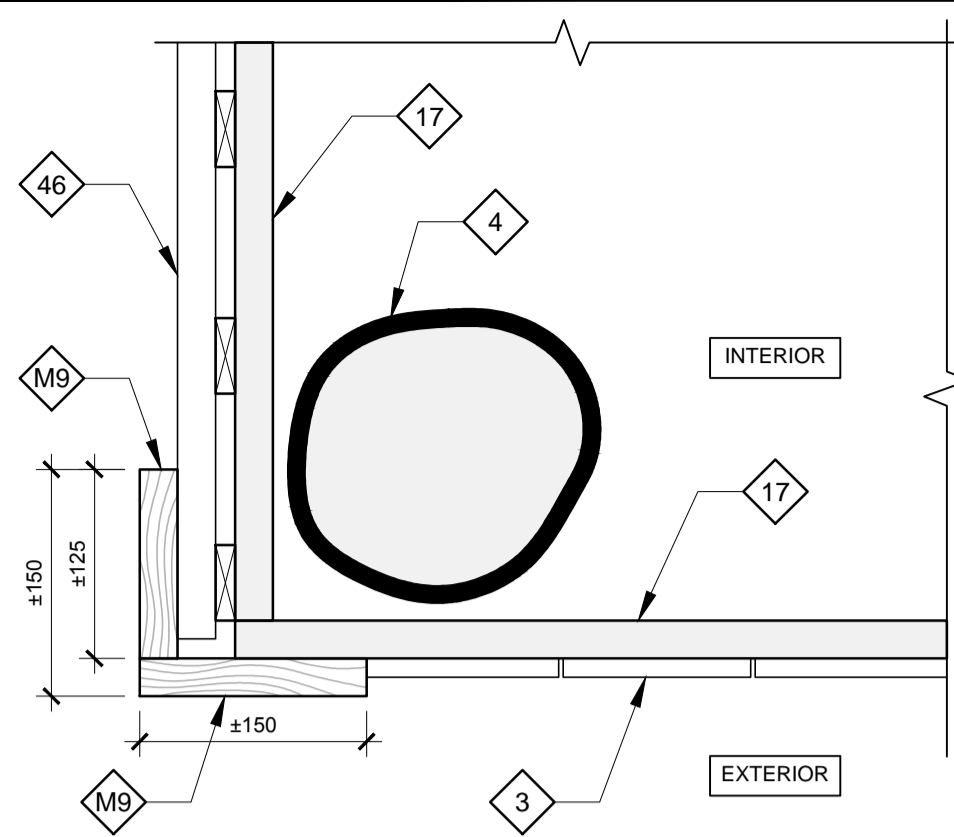
Dessin Drawing

**CONSTRUCTION DETAILS
WINDOWS AND FLOOR**

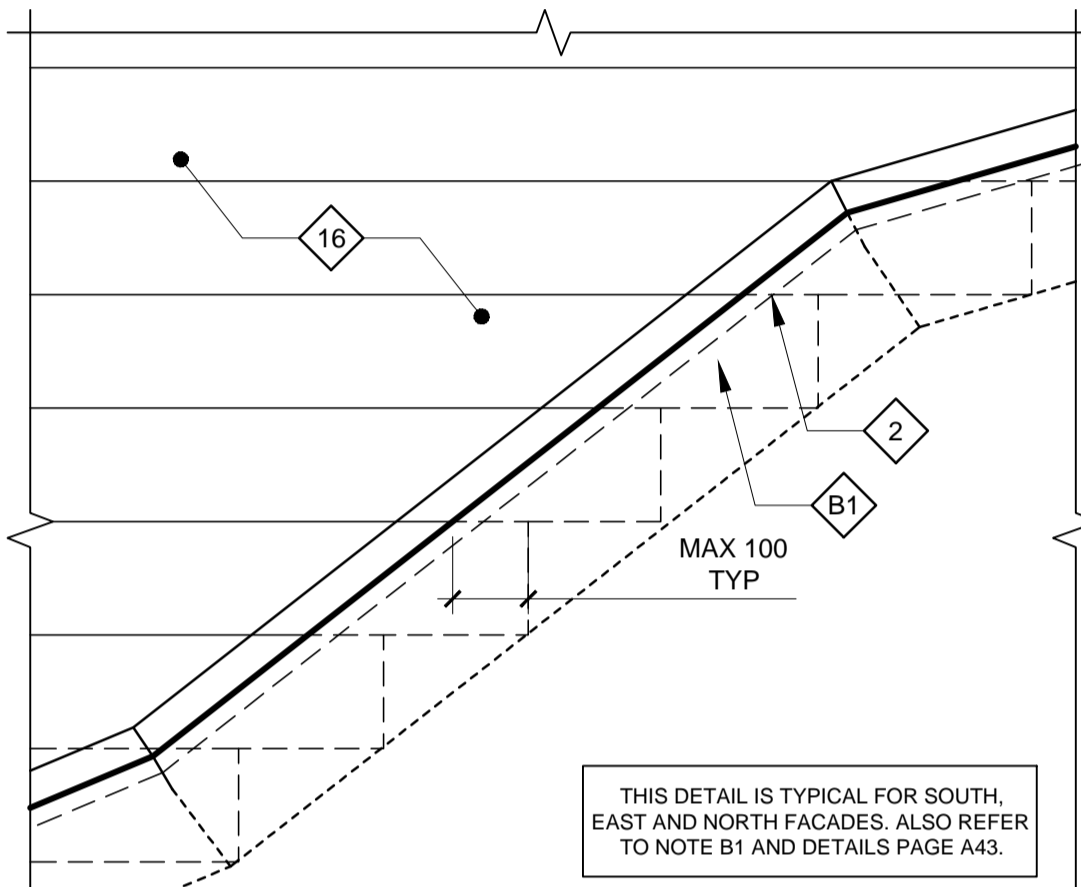
Conçu par	O.F. & D.D.	Designed By
Date	2017/05/17	Drawn By
Dessiné par	D.D.	Drawn By
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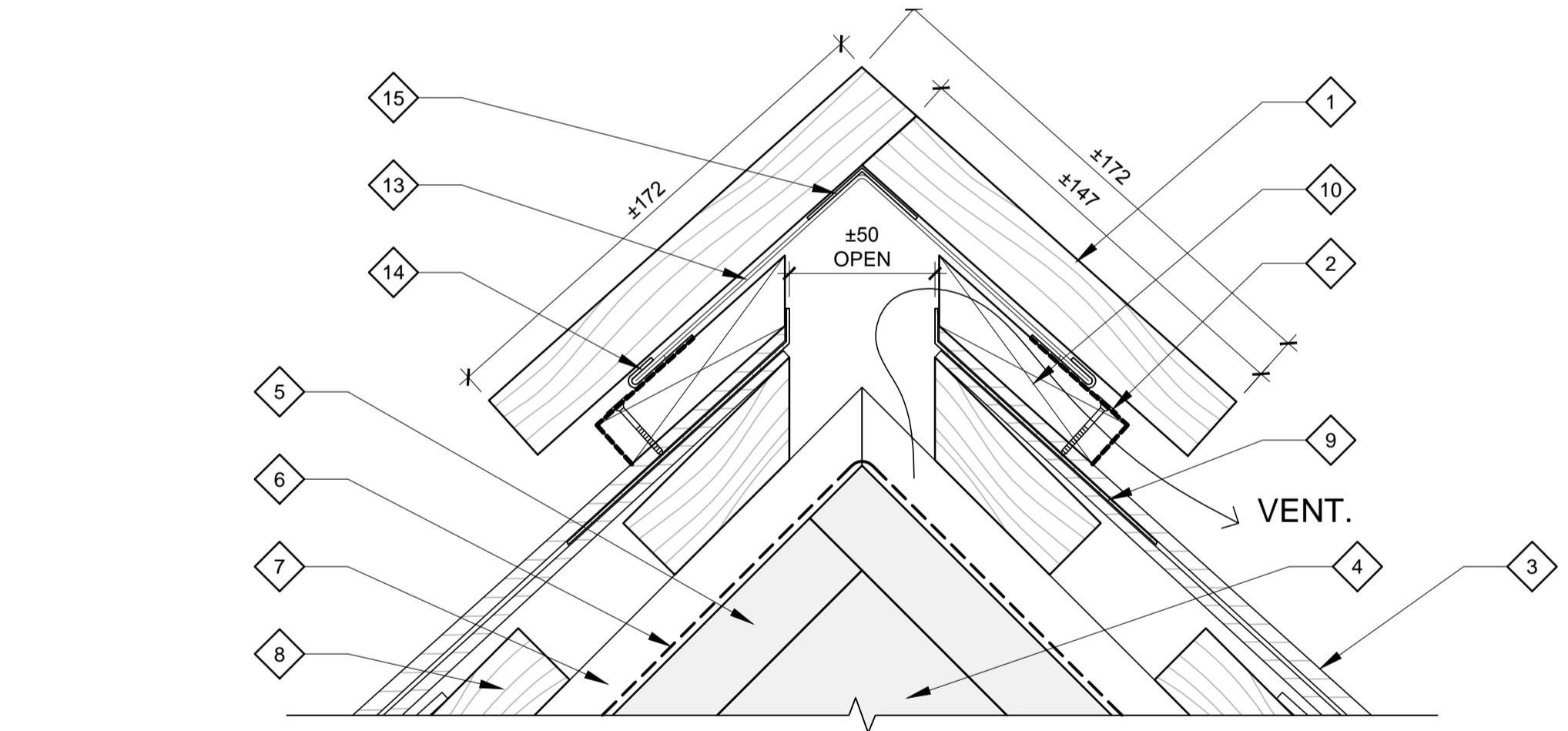
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APC		PCA
No. du dessin		Drawing no.
		A41



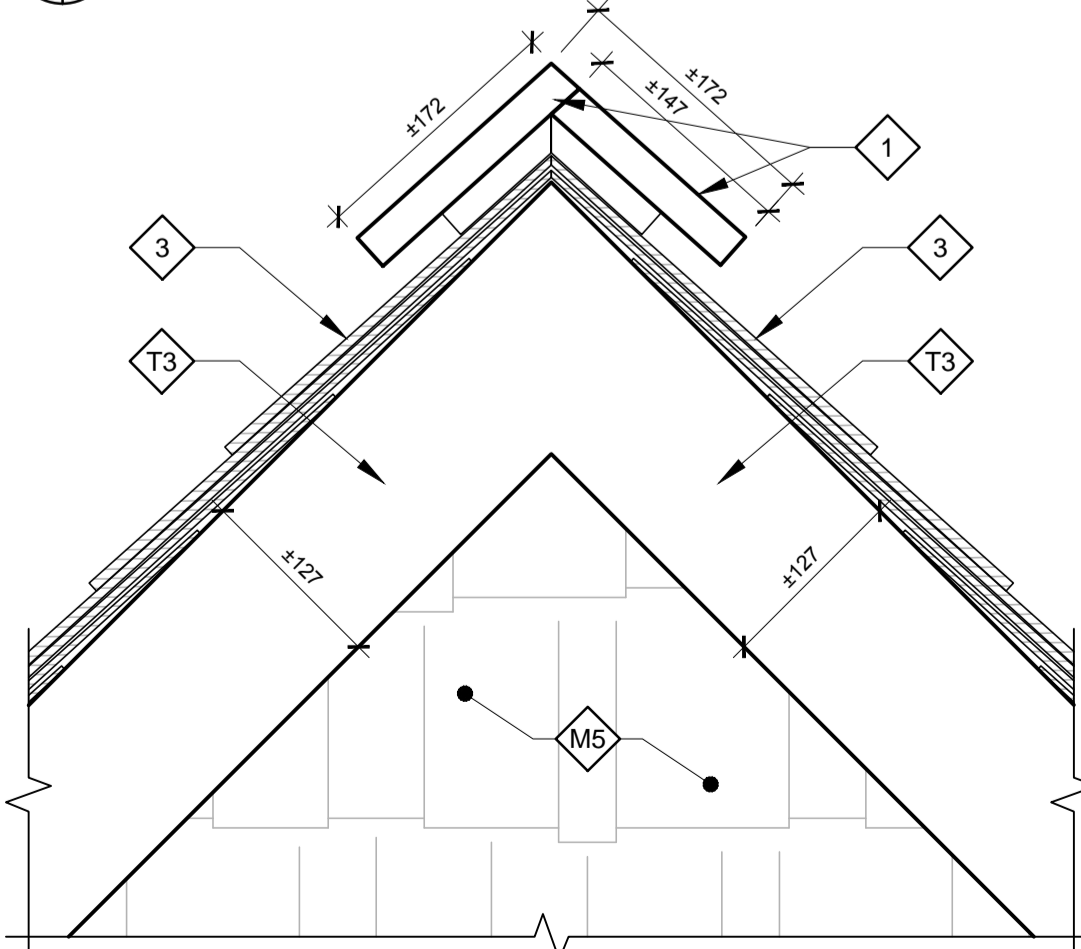
14 JUNCTION PLANKS/SHINGLES
A10/A42 1:5



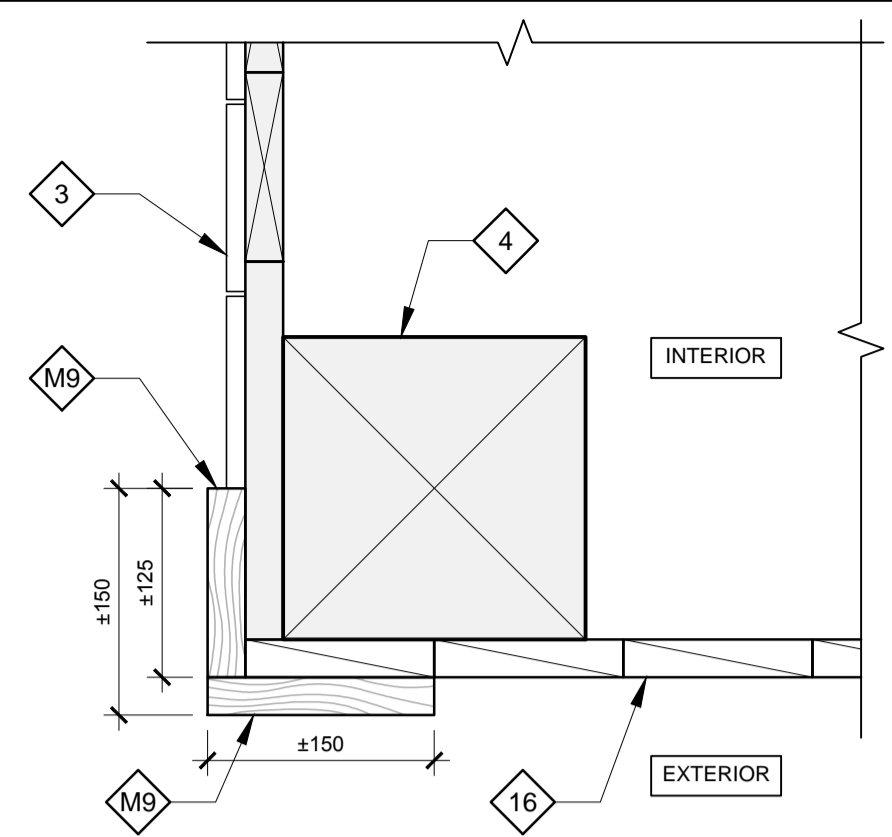
11 TYP. DETAIL - CEDAR PLANKS
A20/A42 1:10



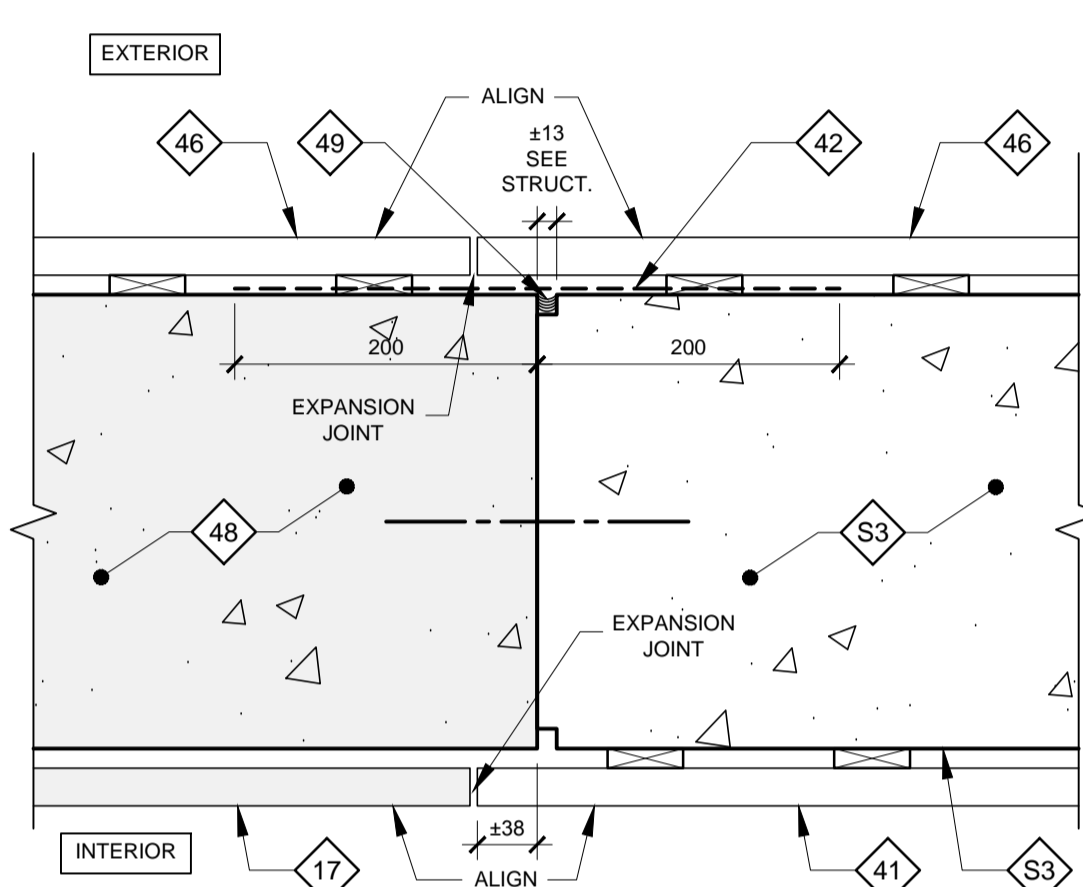
7 DETAIL CLOSEUP - RIDGE
A42/A42 1:2



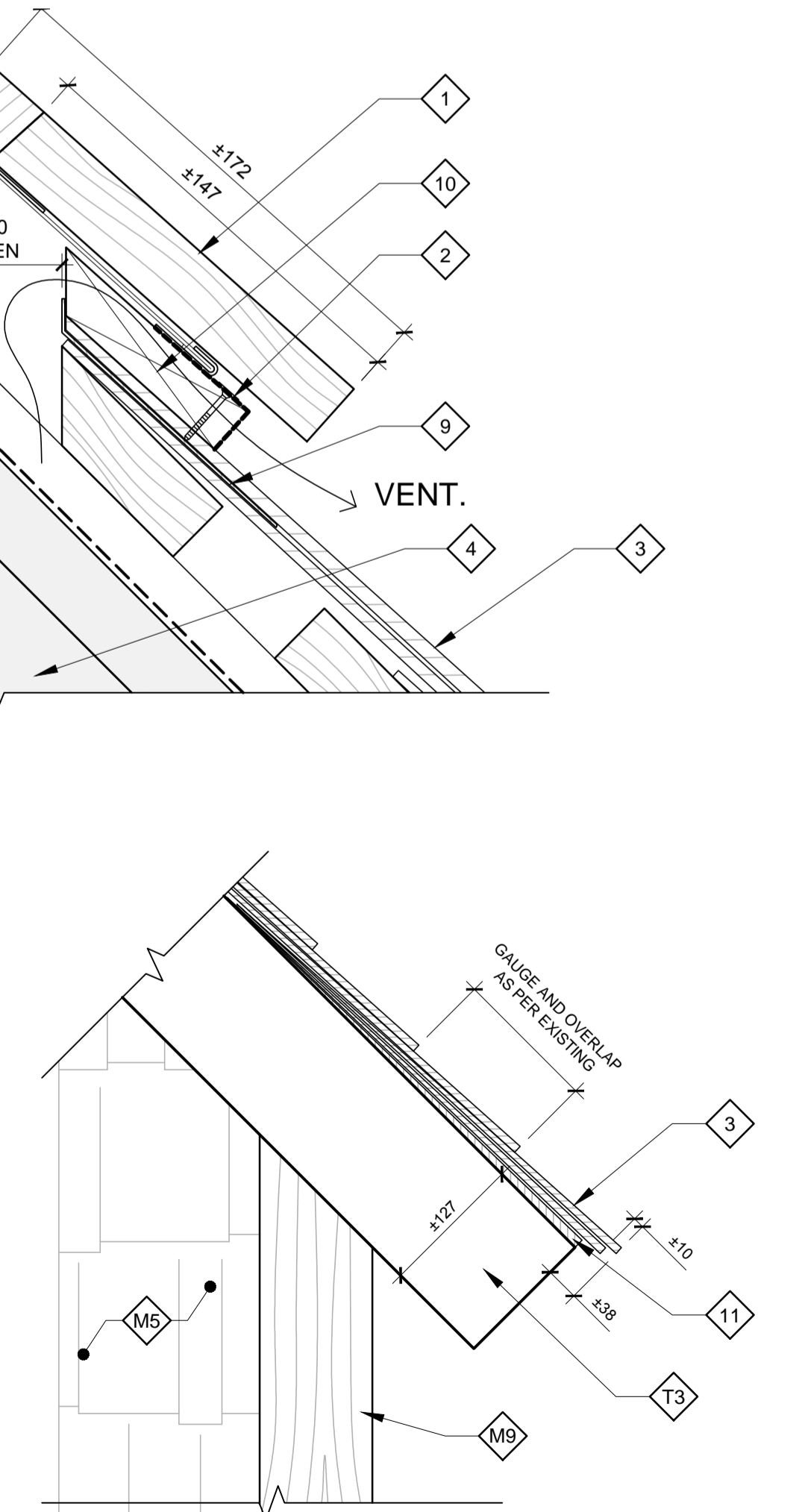
4 CLOSEUP - RIDGE
A21/A42 1:5



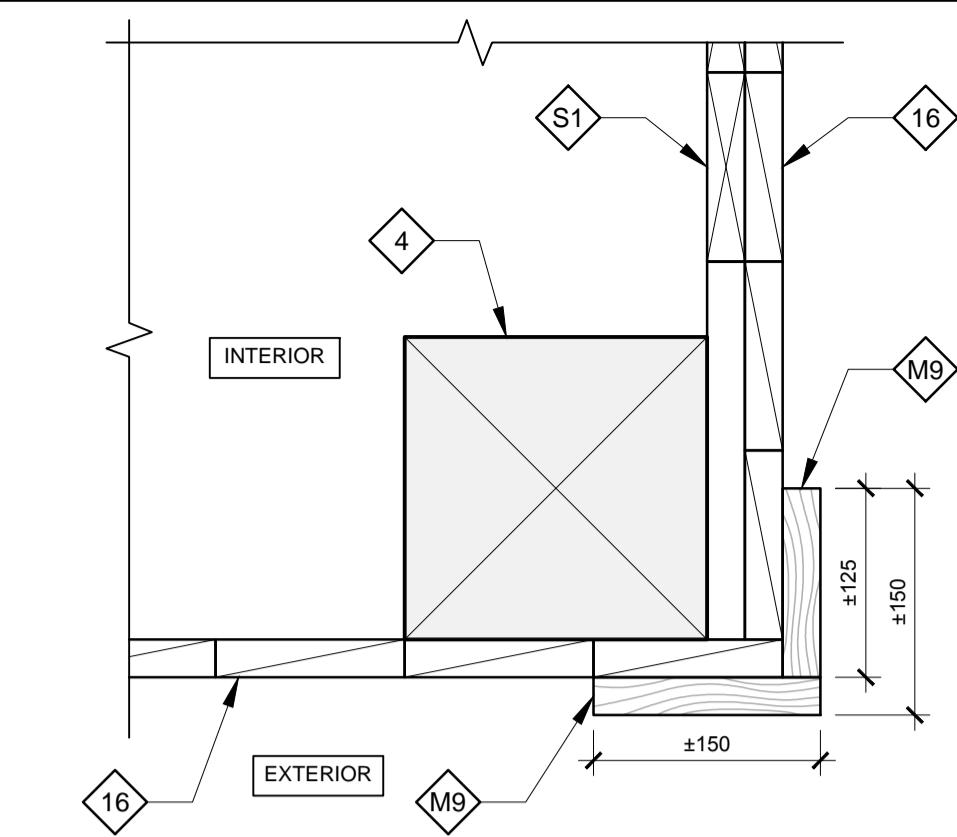
13 JUNCTION PLANK/SHINGLES
A10/A42 1:5



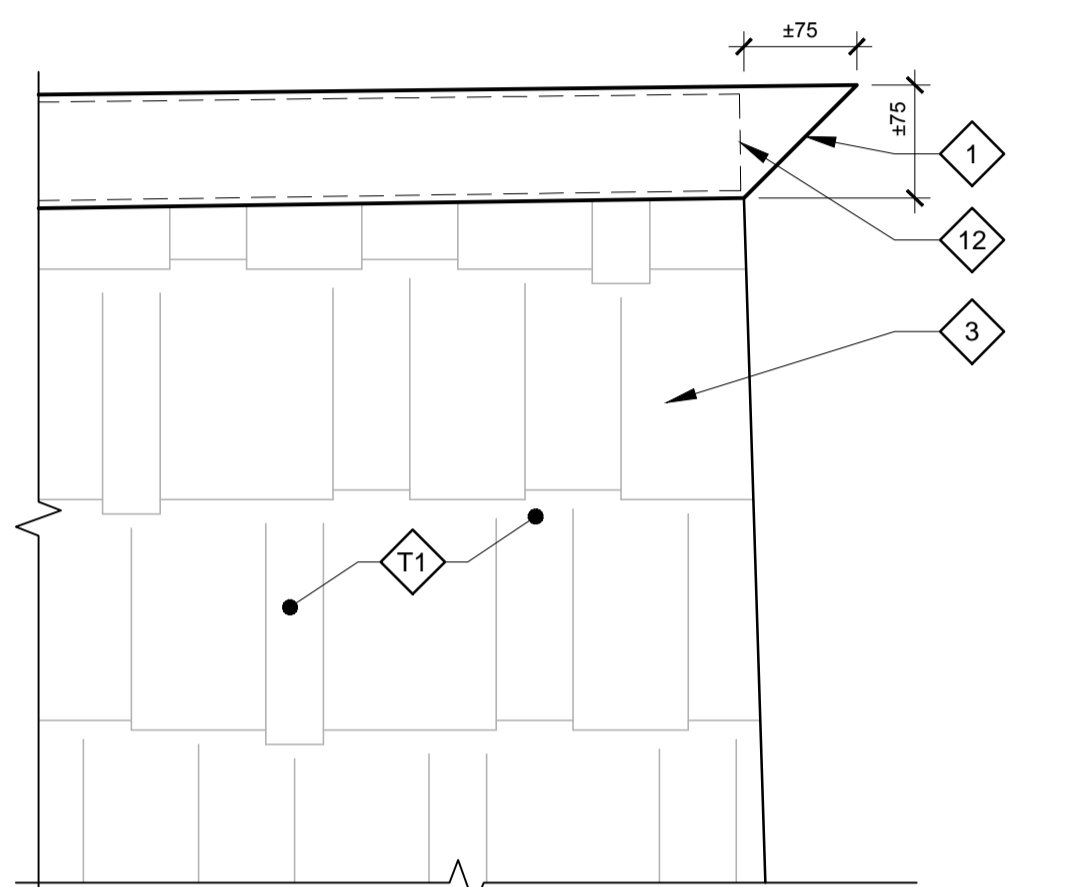
10 EXISTING/NEW FOUNDATION
A10/A42 1:5



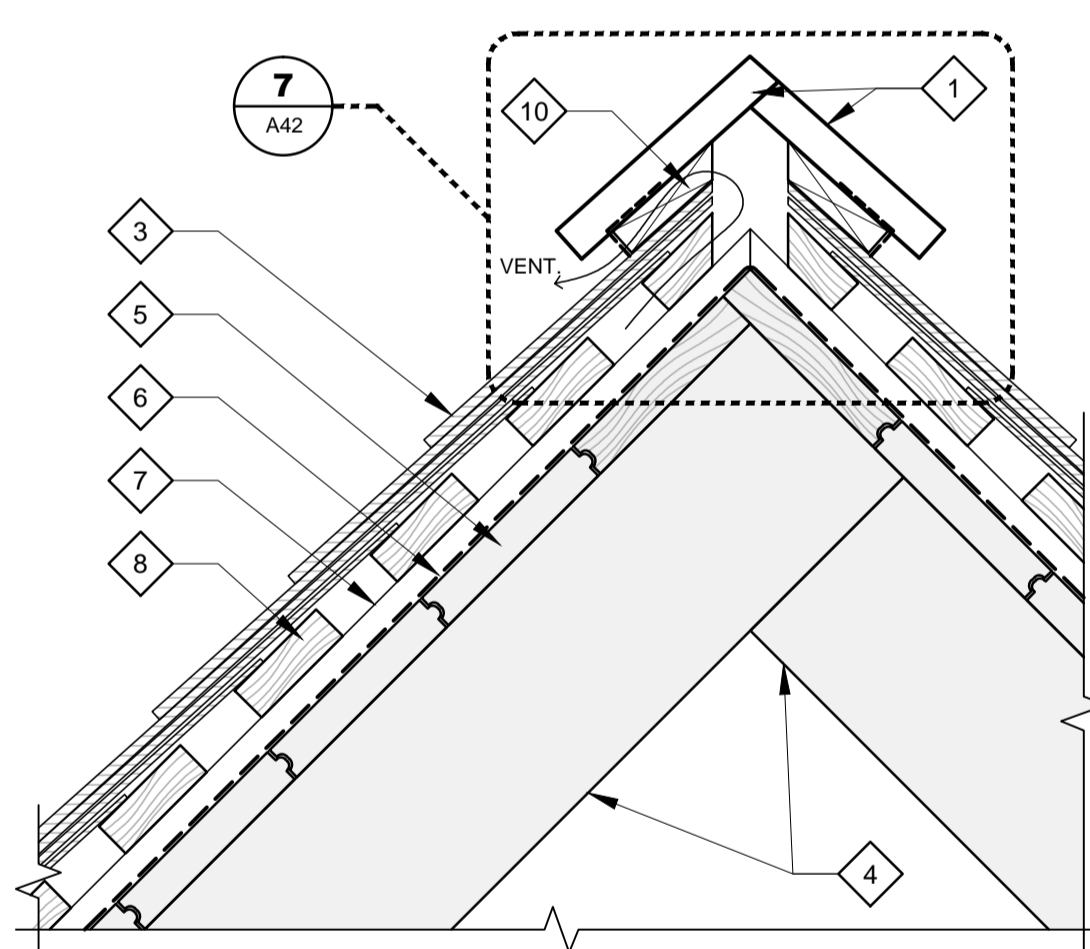
3 CLOSEUP - ROOF OVERHANG
A21/A42 1:5



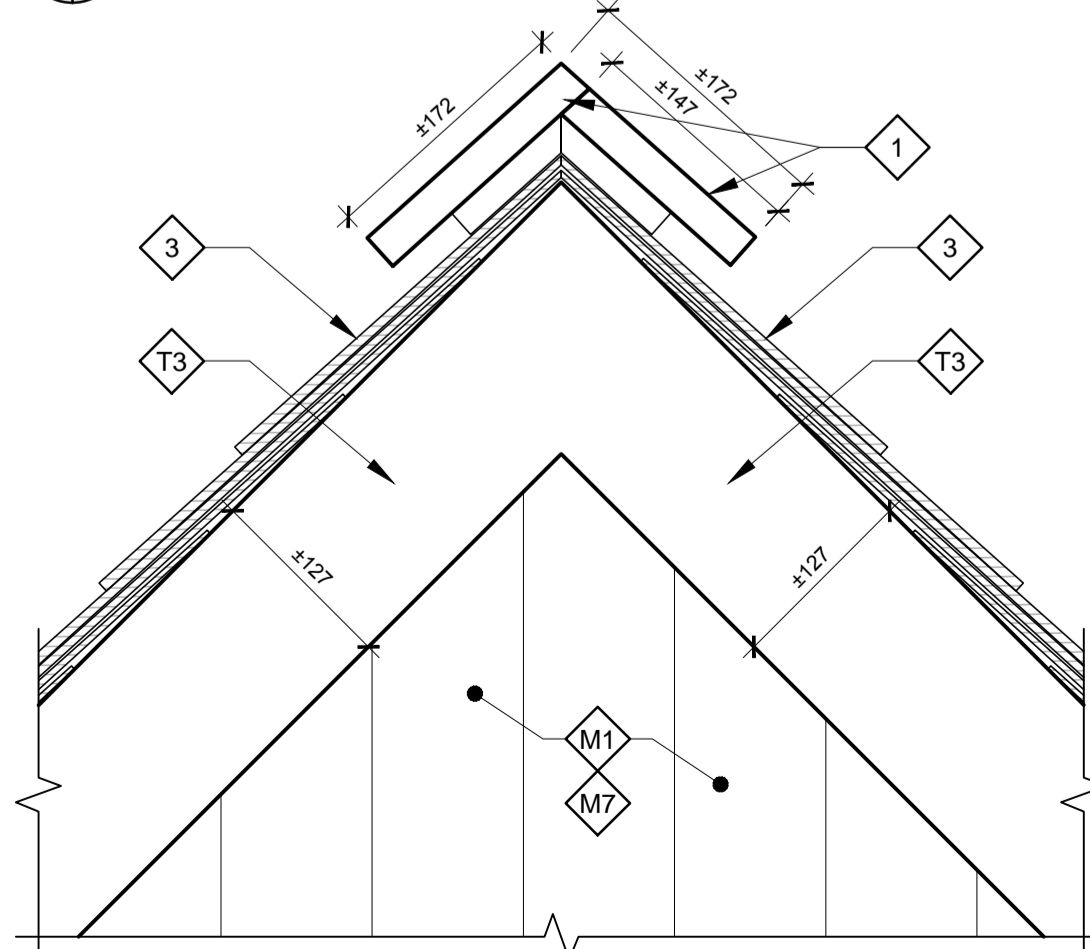
12 CORNER JUNCTION - PLANK/PLANK
A10/A42 1:5



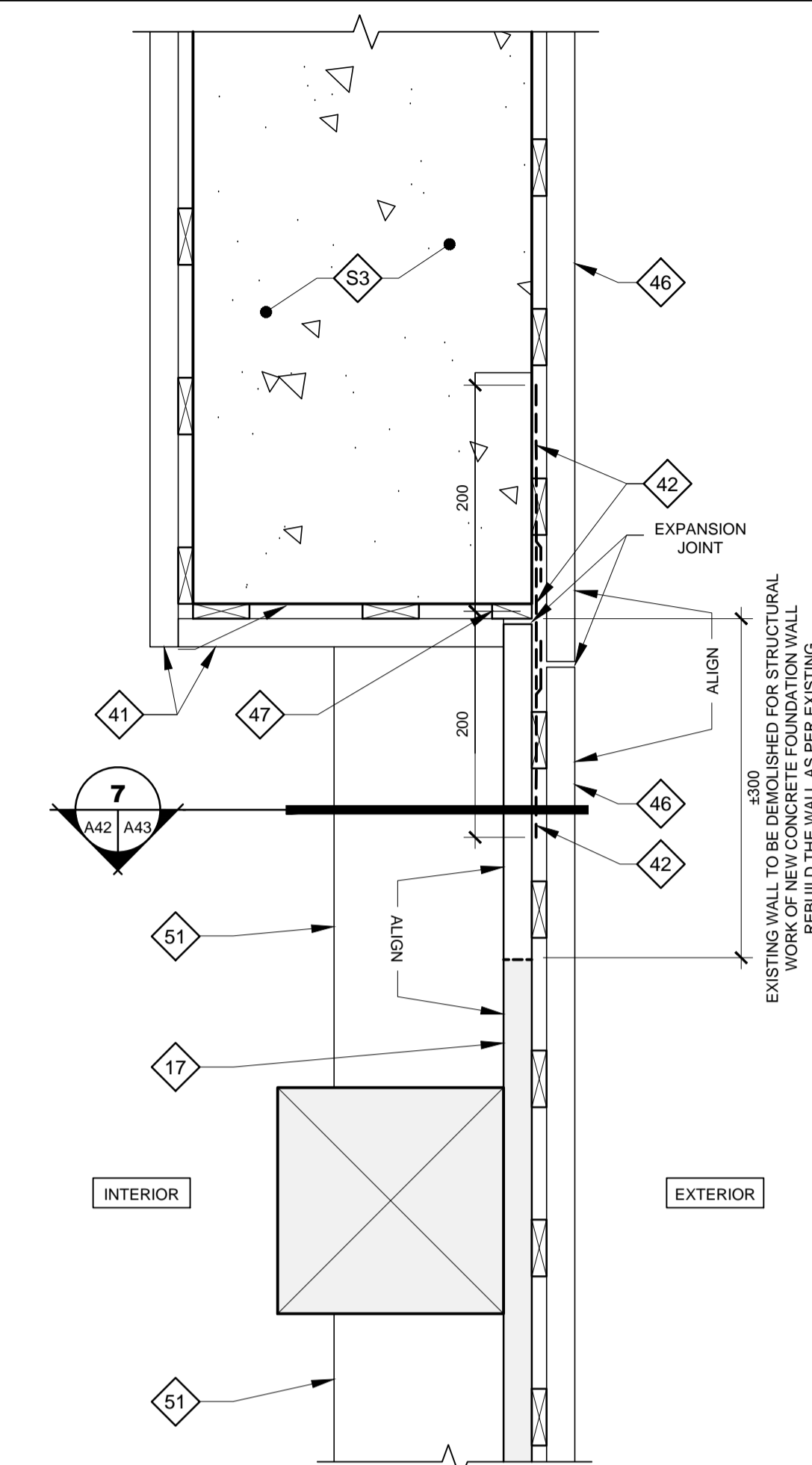
9 CLOSEUP - RIDGE MOULDING
A20/A42 1:5



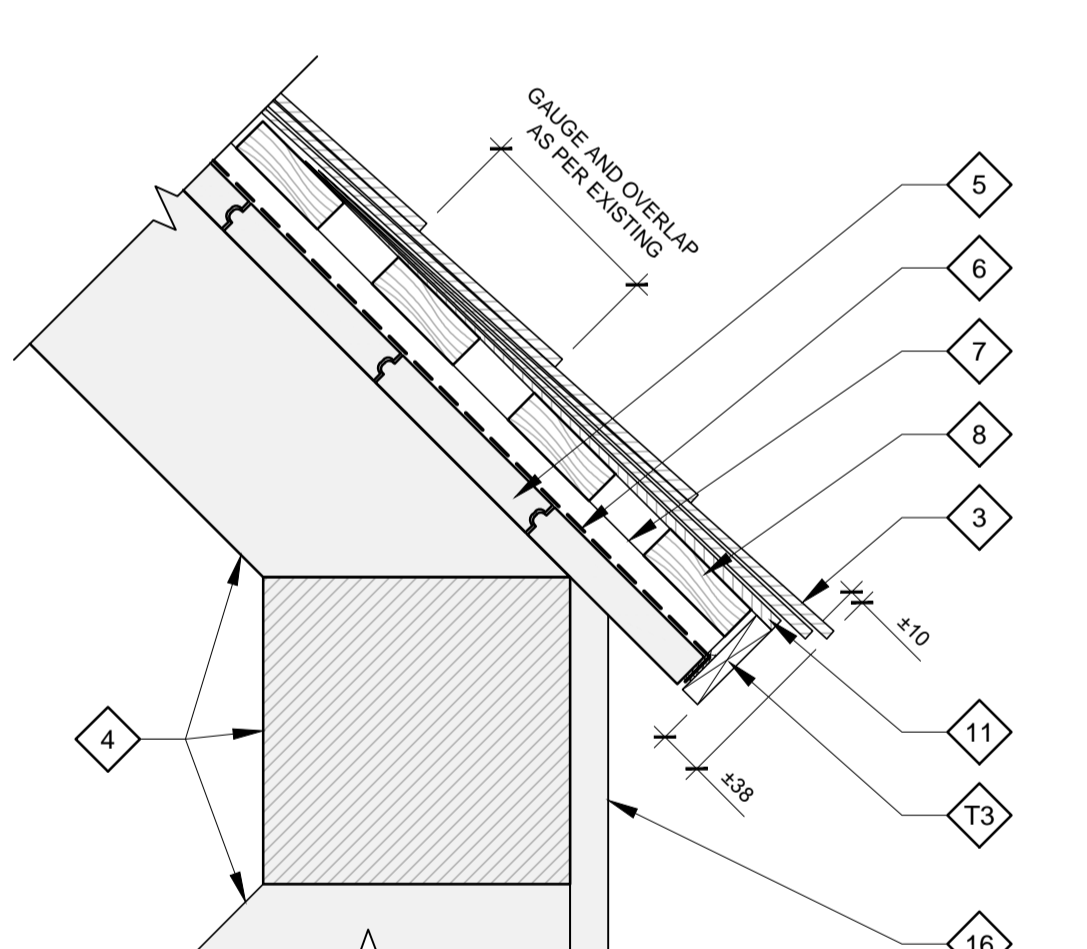
6 DETAIL - RIDGE
A30/A42 1:5



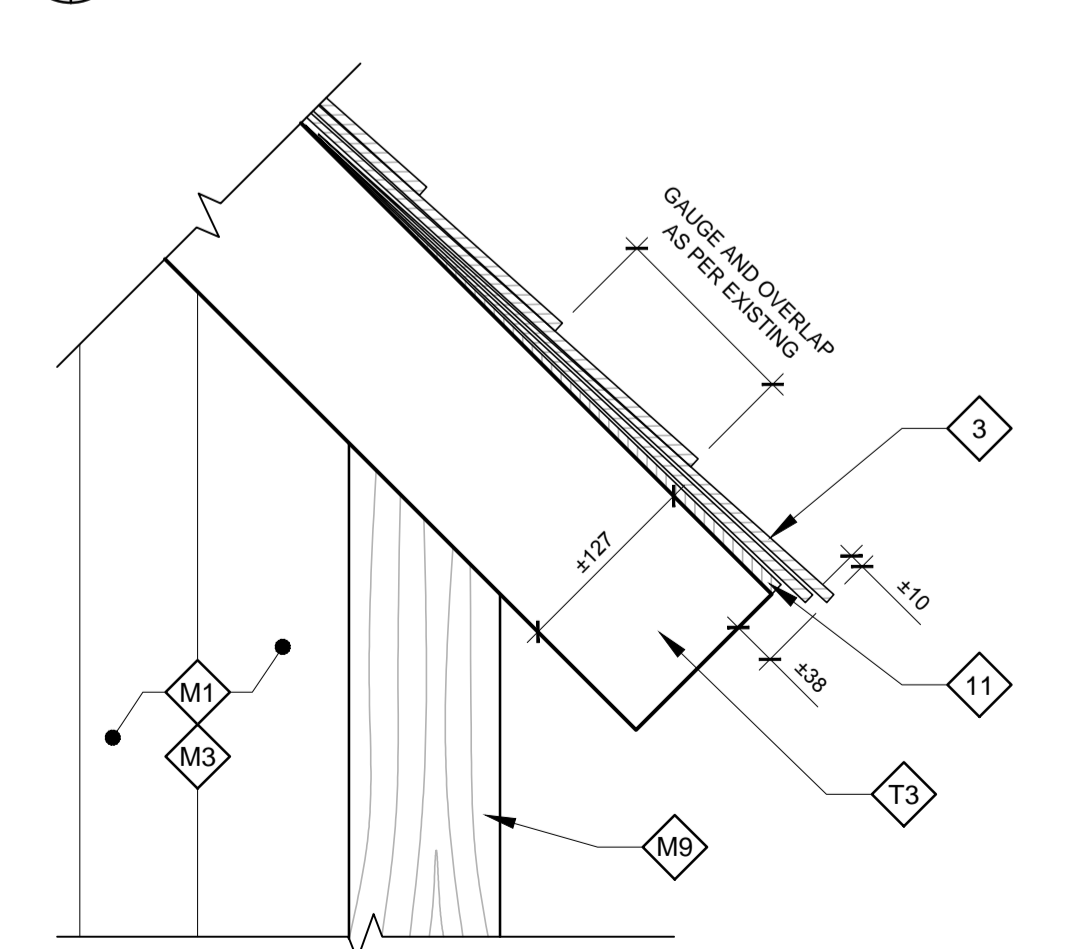
2 CLOSEUP - RIDGE
A20/A42 1:5



8 FOUNDATION WALL / EXIST. WALL
A10/A42 1:5



5 DETAIL - ROOF OVERHANG
A30/A42 1:5



1 CLOSEUP - ROOF OVERHANG
A20/A42 1:5

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405, av. Adrien-Boussé, Montréal, QC, H3V 1A5
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TETRA TECH

Ordre des architectes du Québec
MARC JULIEN
ARCHITECTE

1	ISSUED FOR TENDER	21-07-2017
revisions	description	date

A no. du detail
A no. de la location
B sur dessin no.
C drawing no.
C dessin no.

Projet / Project

**PARKS CANADA
FORILLON NATIONAL PARK
GRANDE-GRAVE REGION**

**RESTORATION OF THE BARN
BLANCHETTE ENSEMBLE**

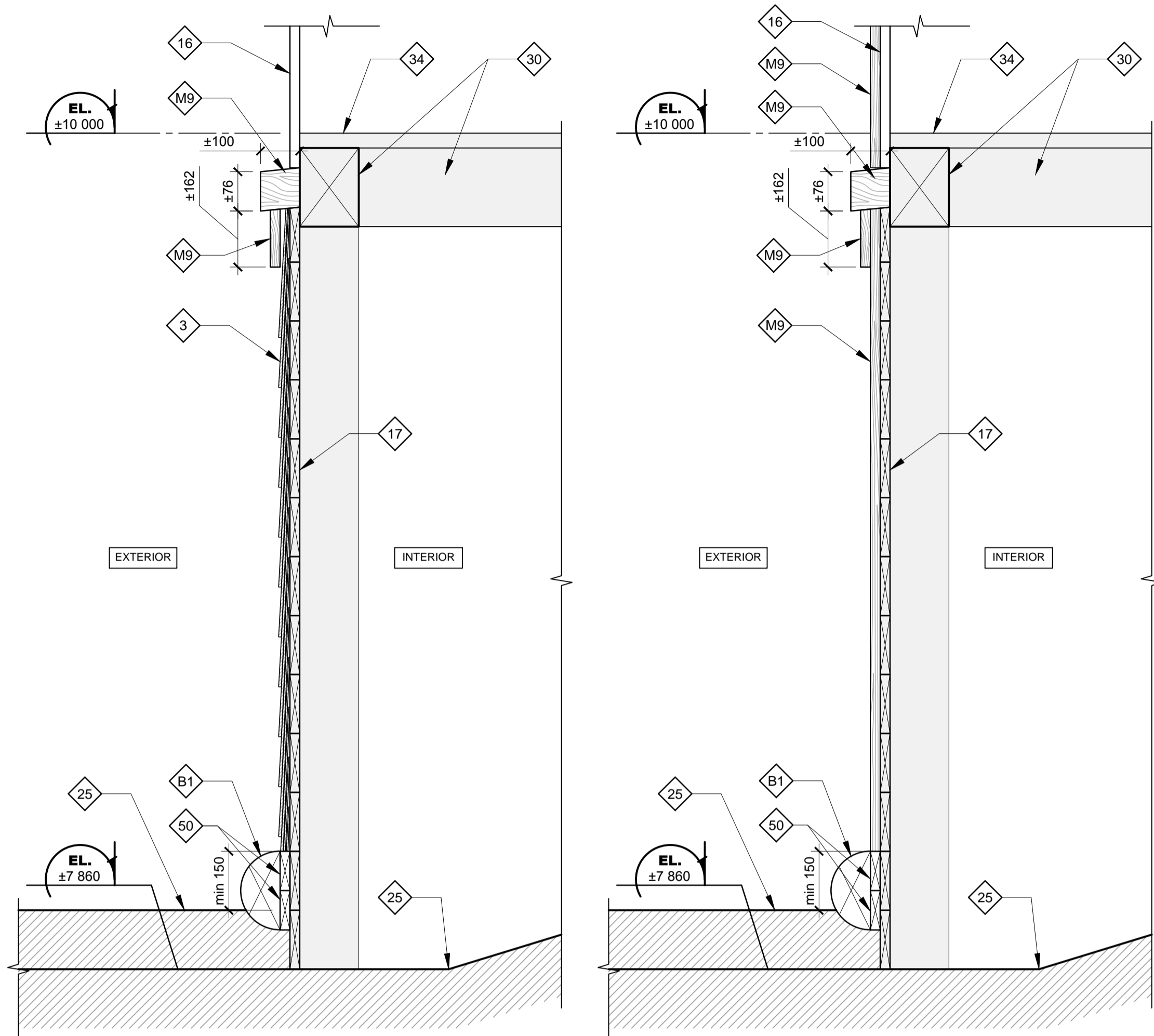
Dessin / Drawing

**CONSTRUCTION DETAILS
ROOF AND WALL JUNCTIONS**

Conçu par / Designed By	O.F. & D.D.	
Date	2017/05/17	
Dessiné par / Drawn By	D.D.	
Date	2017/07/18	
Examiné par / Reviewed By	O.F. & D.B.	
Date	2017/07/19	
Approuvé par / Approved By	M.J.	
Date	2017/07/20	

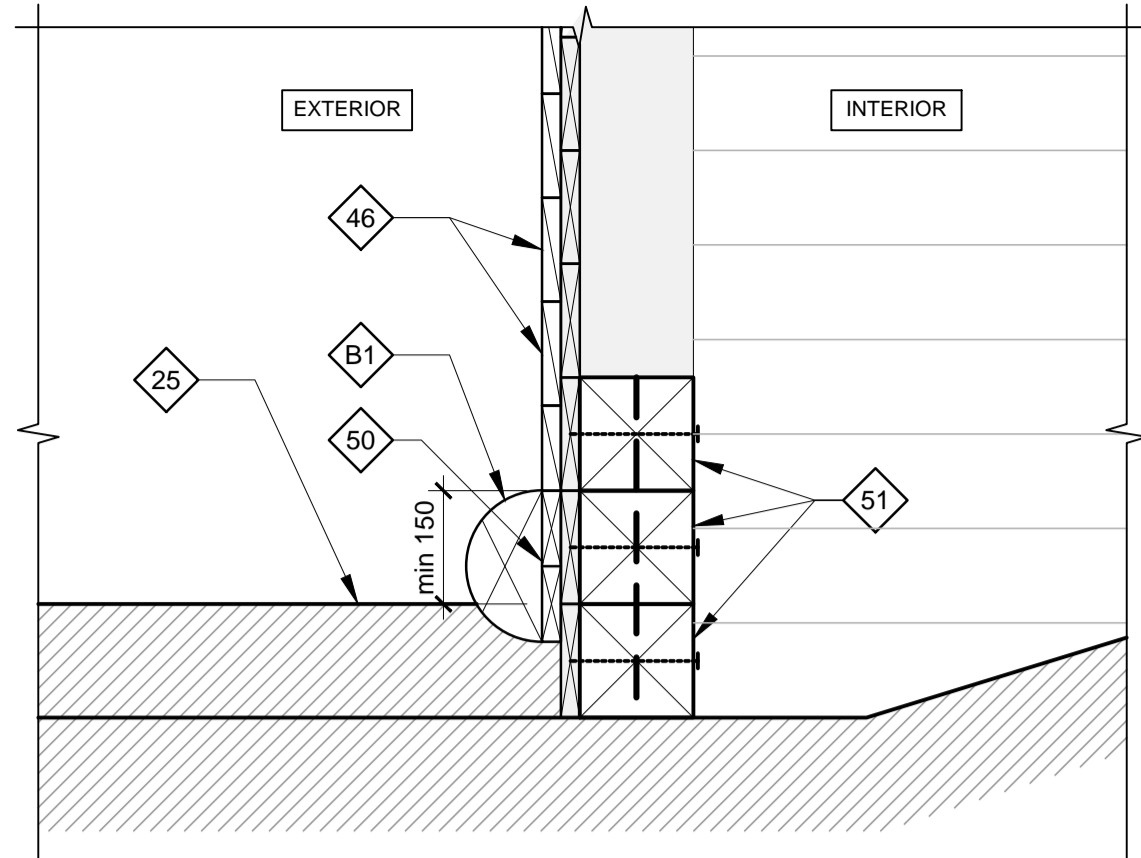
NOT FOR CONSTRUCTION

No. du projet / Project no.	1413-4	
APC / PCA		
No. du dessin / Drawing no.		A42

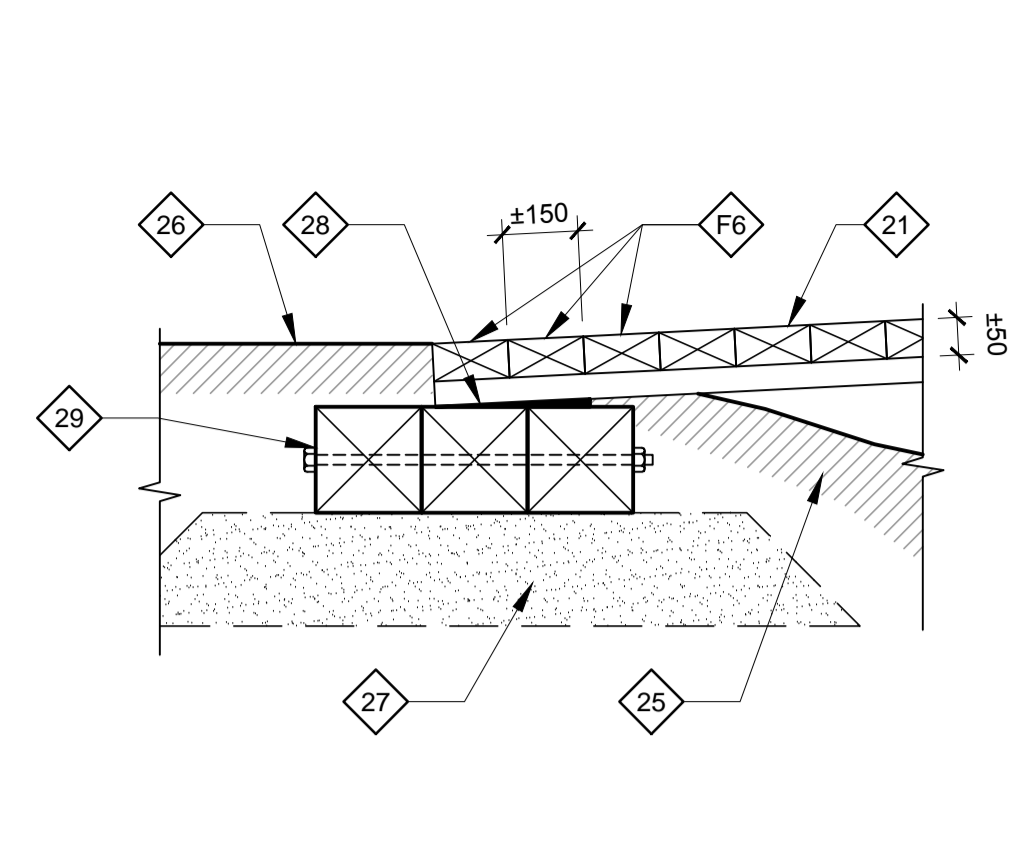


6 WALL SECTION - SHINGLES
A30/A43 1:10

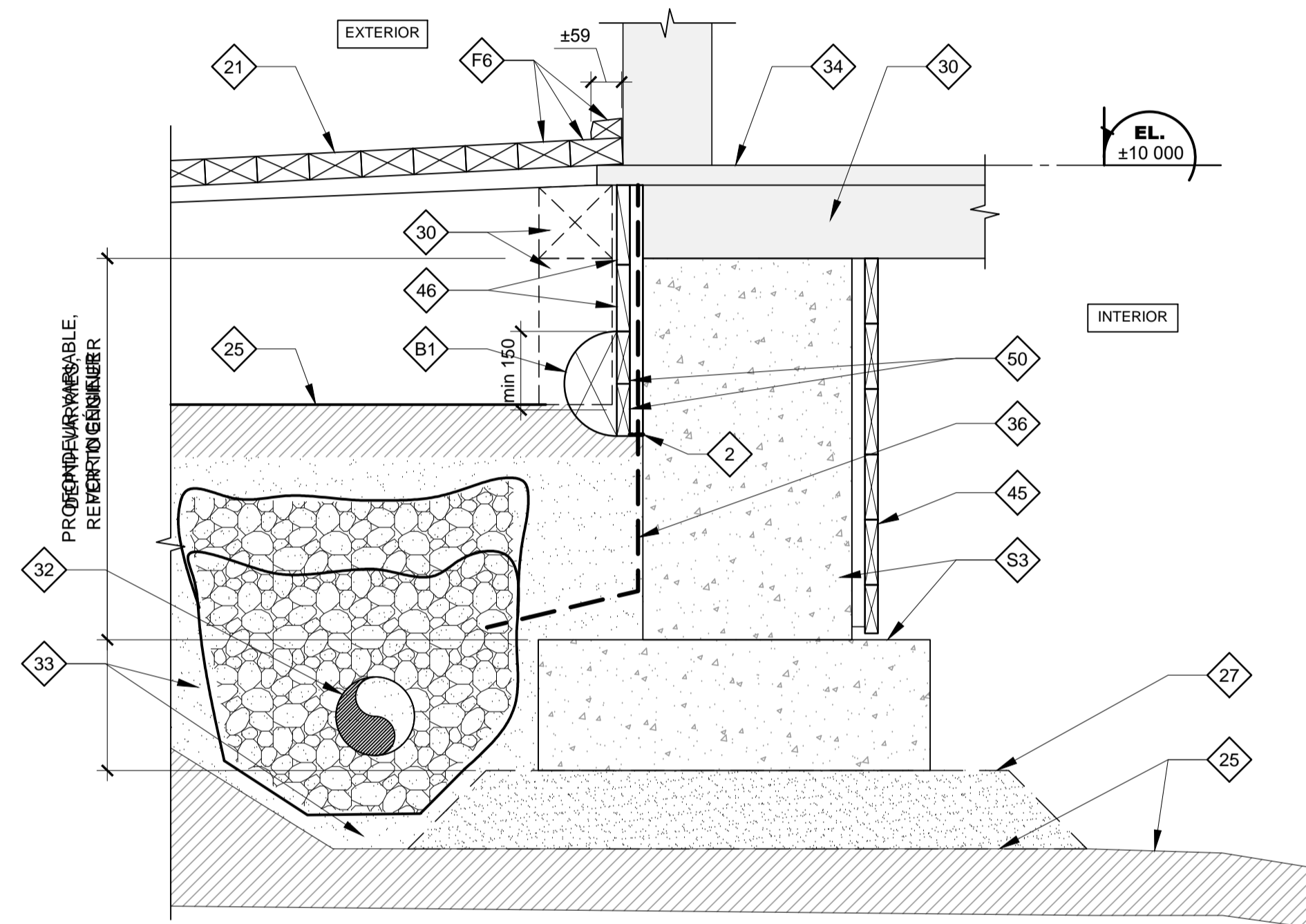
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A30/A43 1:10



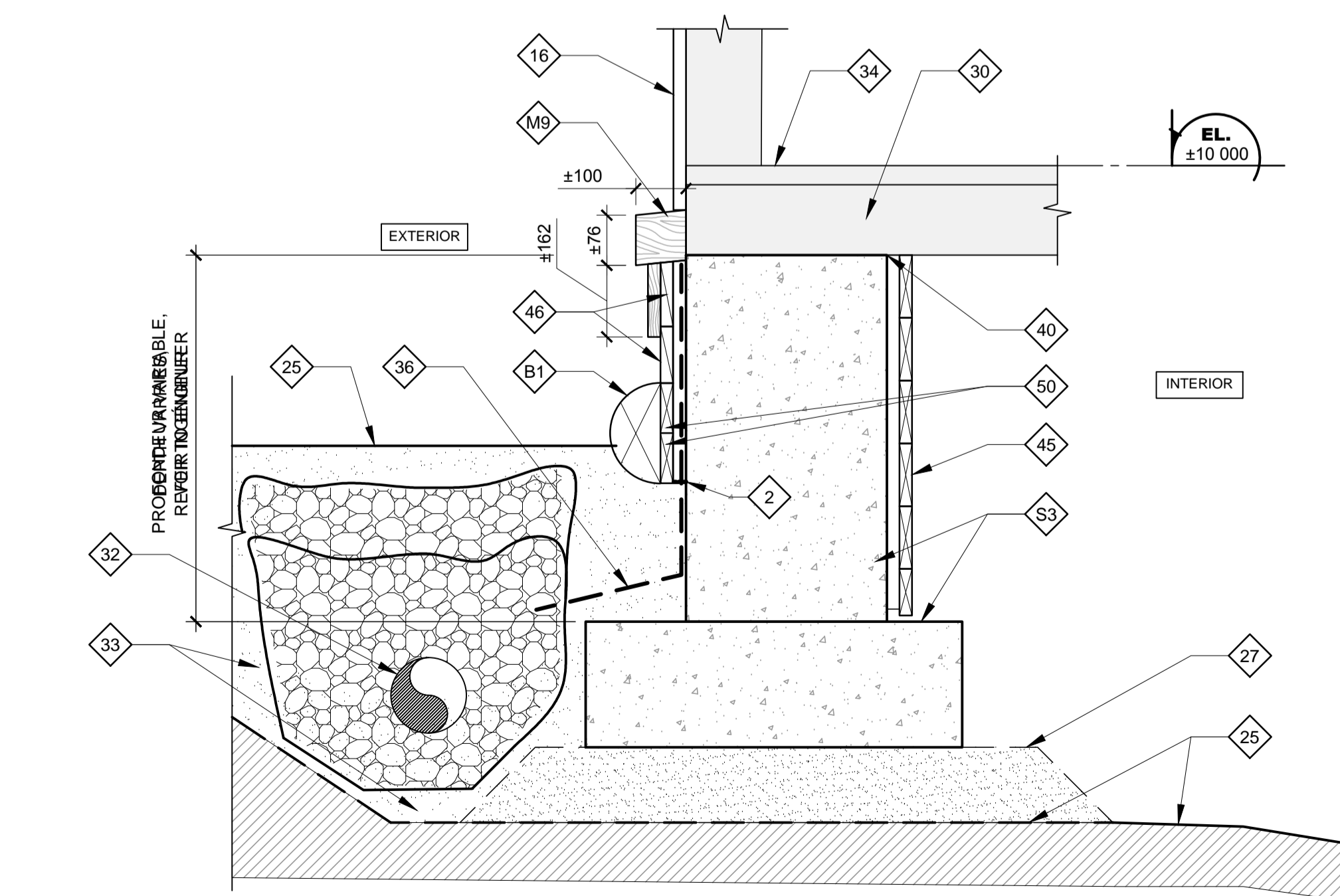
7 DETAIL - WOOD FOUNDATION
A41/A45 1:10



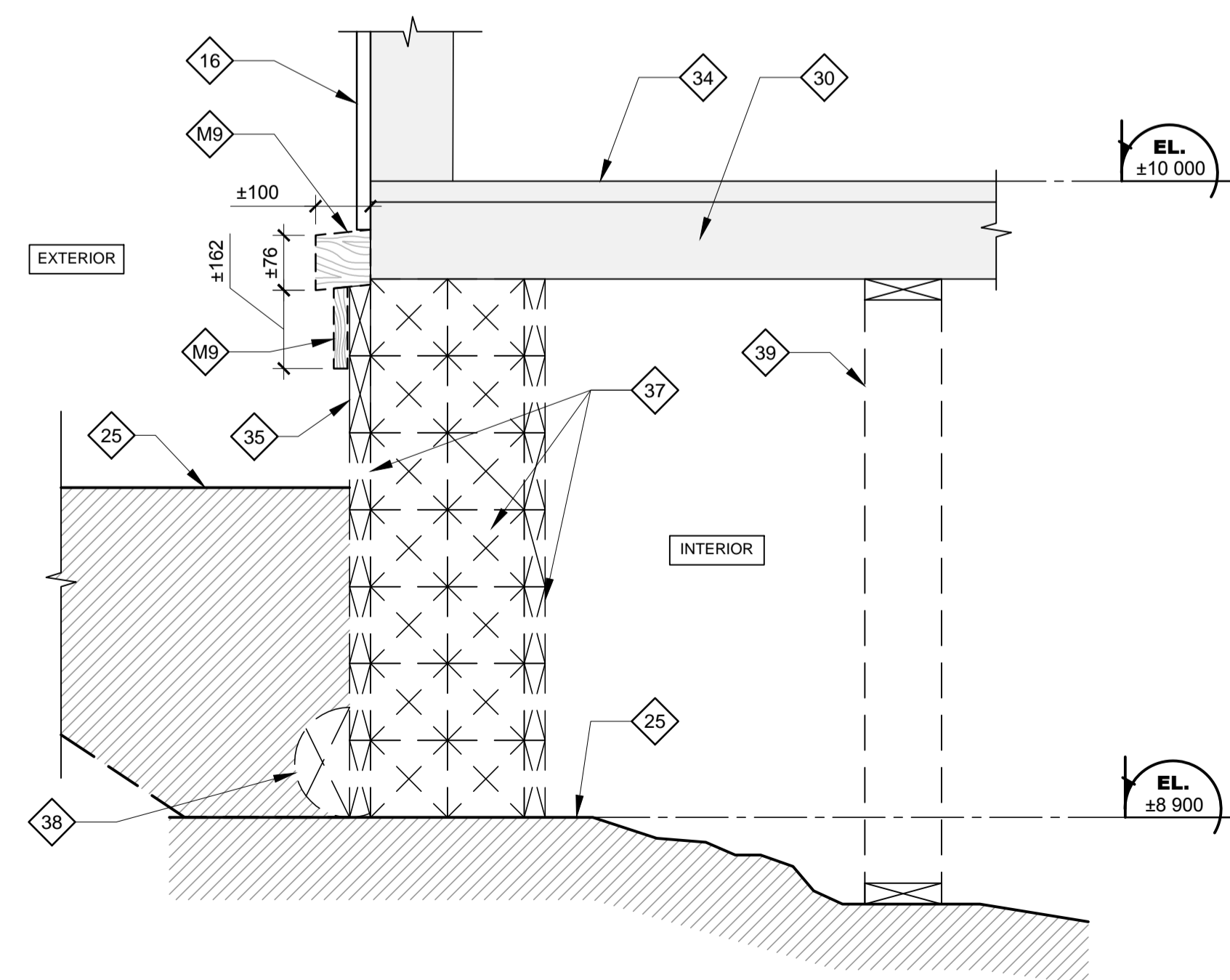
4 DETAIL - BASE OF RAMP
A30/A43 1:10



3 SECTION - CONSTRUCTION JUNCTION RAMP / FOUNDATION
A30/A43 1:10



2 SECTION - FOUNDATION CONSTRUCTION
A30/A43 1:10



1 SECTION - FOUNDATION DEMOLITION, REFER TO STRUCTURE
A30/A43 1:10

- SPECIFIC NOTES - DETAILS**
- NEW CEDAR RIDGE MOULDING, SAME TYPE, OUTLINE AND DIMENSIONS AS PER EXISTING, SEE NOTE T2.
 - NEW STAINLESS STEEL MOSQUITO NET.
 - NEW CEDAR SHINGLES, SPACING, OVERLAP AND GAUGE AS PER EXISTING. SEE ELEVATIONS. INSTALL DOUBLE STARTER ROW AT THE EDGE OF THE ROOF.
 - EXISTING TIMBER FRAMING TO REMAIN.
 - EXISTING WOOD DECK TO REMAIN.
 - NEW HIGH-TEMPERATURE SELF-ADHESIVE AIR-BLOCK MEMBRANE ON ENTIRE ROOF SURFACE.
 - NEW VERTICAL WOODEN LATHS 19mm x 64mm @ 610 mm c/c.
 - NEW HORIZONTAL WOODEN LATHS 25mm x 76mm. DISTANCE c/c EQUAL TO SHINGLE SPACING.
 - NEW FLASHING WITH 12mm RETURN FOR WATERPROOFING.
 - NEW WOODEN SPACER 19mm (TH) x 89mm (W.) x 64mm (L) INSTALLED IN FRONT OF EVERY VERTICAL LATH (610 mm c/c). THE GAP BETWEEN EACH SPACER MUST BE FILLED WITH VENTILATION SCREENS.
 - NEW CONTINUOUS 102mm WIDE CEDAR CANT STRIP.
 - OUTLINE OF NEW METAL RIDGE STRAP UNDERNEATH.
 - NEW METAL RIDGE STRAP. LATERAL OVERLAP OF 150mm AT JOINTS.
 - NEW METAL J-CUPS @ 300mm c/c.
 - NEW METAL SPACER @ 300mm c/c.
 - WOOD PLANK SIDING, REFER TO ELEVATIONS.
 - EXISTING WOOD PLANK TO REMAIN. SEE NOTES F1 AND F2 ON PAGE A20.
 - EXISTING WOOD MOULDING TO REMAIN. REINSTALL AS PER EXISTING IF DISMANTLED DURING WORK.
 - EXISTING ROUND WOOD PIECE TO REMAIN.
 - EXISTING WOOD FRAME TO REMAIN.
 - REINSTALL EXISTING WOODEN RAMP AFTER STRUCTURAL WORK. REFER TO DETAILS ON PAGE A43 AND ENGINEER'S DRAWINGS FOR DETAILS.
 - EXISTING WOODEN RAMP TO REMAIN.
 - EXISTING WOOD AND METAL LATCH TO REMAIN. SEE NOTE F2.
 - EXISTING CHAIN, EYELET, HINGE AND OTHER HARDWARE TO REMAIN. SEE NOTE F2 ON PAGE A20.
 - LEVEL OF GROUND AND EXCAVATION. REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - GRAVEL PATHWAY, REFER TO CIVIL ENGINEER'S DRAWINGS.
 - GRANULAR MATERIAL, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - PRESSURE TREATED WOOD BLOCKING, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - TPRESSURE REATED WOOD AND THREADED ROD, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - EXISTING WOOD POST AND BEAM, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - ANCHORING OR REBAR, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - DRAINAGE, REFER TO CIVIL ENGINEER'S DRAWINGS.
 - BACKFILL, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - EXISTING FLOOR, SEE NOTES P1 TO P3 ON PAGE A20.
 - EXISTING WOOD BOARDS TO BE DEMOLISHED.
 - MIRADRRAIN TYPE DRAINAGE PANEL UP TO MIN. 600mm ABOVE GROUND LEVEL. ENSURE CONNECTION TO THE FOUNDATION WALL WITH THE TRANSITION MEMBRANE.
 - SOLID WOOD WALL TO BE DEMOLISHED, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - WOOD LEDGER TO BE DEMOLISHED, REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - TEMPORARY BRACING BY CONTRACTOR. REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - LEVEL WITH A NON-SHRINK GROUT. REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
 - NEW 1" SPINET PLANKS FIXED HORIZONTALLY ON ONE SIDE ONLY, ON 1" FURRINGS.
 - NEW SELF-ADHESIVE MEMBRANE UP TO TOP OF CONCRETE AND ALLOWING FOR MOVEMENT.
 - NEW SELF-ADHESIVE MEMBRANE.
 - NEW CEDAR MOULDING PLANK, CENTERED ON JOINT AND FIXED ON ONE SIDE ONLY.
 - NEW 1" HORIZONTAL SPRUCE PLANKS ON 1" FURRINGS.
 - NEW 1" HORIZONTAL CEDAR PLANKS ON 1" CEDAR FURRINGS. PLANKS FIXED TO ONE SIDE ONLY OF JOINT WITH CONCRETE FOUNDATION.
 - WOOD BLOCKING.
 - EXISTING CONCRETE FOUNDATION WALL.
 - FLEXIBLE SEALANT.
 - PRESSURE TREATED WOOD PLANKS AT BASE OF BASEMENT WALLS. THE PLANKS MUST NOT BE VISIBLE. THEY ARE HIDDEN BEHIND AND BY THE CEDAR LOGS.
 - 3 TIMBER PIECES 150 x 150mm STACKED ON THE INTERIOR SIDE ALONG THE WALL, SCREWED TO THE EXISTING WALL PLANKS. THE PIECE IN CONTACT WITH THE GROUND IS PRESSURE TREATED WOOD AND THE 2 OTHERS ARE CEDAR. INSTALL WOODEN SCREW COVERS TO CONCEAL SCREWS. NO SCREW SHOULD BE VISIBLE ON THE OUTSIDE.
- NOTE:**
FOR THE LEGEND OF SPECIFIC CONSTRUCTION NOTES, SEE PAGE A20 (EX.: M1, M9, F2, S3, ETC).

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revisions	description	date
1	ISSUED FOR TENDER	21-07-2017

Projet Project

**PARKS CANADA
FORILLON NATIONAL PARK
GRANDE-GRAVE REGION**

**RESTORATION OF THE BARN
BLANCHETTE ENSEMBLE**

Dessin Drawing

**DEMOLITION AND
CONSTRUCTION DETAILS
FOUNDATION & RAMP**

Conçu par	O.F. & D.D.	Designed By
Date	2017/05/17	Drawn By
Dessiné par	D.D.	Reviewed By
Date	2017/07/18	Approved By
Examiné par	O.F. & D.B.	Approved By
Date	2017/07/19	Approved By
Approuvé par	M.J.	Approved By
Date	2017/07/20	Approved By

NOT FOR CONSTRUCTION

No. du projet	1413-4	Project no.
APC		PCA
No. du dessin		Drawing no.
		A43

1.0- GENERAL

- DO NOT SCALE PLANS OR DRAWINGS.
- THE ELEVATIONS INDICATED ON THE PLANS ARE FOR ILLUSTRATION PURPOSES ONLY.
- THE GENERAL CONTRACTOR MUST REPORT ANY INCONSISTENCY BETWEEN THE STRUCTURAL ENGINEERING PLANS, THE ARCHITECTURE PLANS AND THE ELECTRICITY-BUILDING SERVICES PLANS TO THE DEPARTMENTAL REPRESENTATIVE.
- THE GENERAL CONTRACTOR MUST VERIFY ALL OF THE DIMENSIONS, OBSTACLES OR CONDITIONS THAT MAY AFFECT WORK AT THE SITE AND REPORT ANY ANOMALY TO THE DEPARTMENTAL REPRESENTATIVE.
- DURING CONSTRUCTION, DO NOT EXCEED THE DESIGN SERVICE LOADS INDICATED ON THE PLANS.
- CONTRACTOR SHALL PROVIDE TO COMMISSION HEALTH AND SAFETY WORK OF QUEBEC (CSST) ALL CERTIFICATES REQUESTED BY THE LATTER UNDER CODE ON HEALTH AND SAFETY AT WORK, INCLUDING THOSE THAT MUST HAVE THE SIGNATURE OF ENGINEER MEMBER OF THE ORDER OF QUEBEC ENGINEERS.
- THE PRESENCE OF AN ASTERISK (*) ON PLANS INDICATED THAT THE INFORMATION IS NOT AVAILABLE OR UNCERTAIN N. SEE, IF NECESSARY PLANS ARCHITECTURE, MECHANICAL AND ELECTRICAL.

2.0- DESIGN

2.1- THE FOLLOWING CODES AND REFERENCES WERE USED FOR DESIGN PURPOSES:

- "CODE DE CONSTRUCTION DU QUÉBEC" - CHAPITRE 1 BUILDING
- NATIONAL BUILDING CODE OF CANADA - CANADA 2010.
- STRUCTURAL COMMENTARIES (PART 4)
- CONCRETE: CAN / CSA-A23.3-04
- REINFORCEMENT: RSIC - MANUAL OF STANDARD PRACTICE - 2004
- STEELWORK: CAN / CSA - S16-09
- WOOD WORK: CAN/CSA-086-01
- MASONRY: CAN/CSA S304.1

3.0- SHOP DRAWINGS

- WHEN REQUESTED BY THE DEPARTMENTAL REPRESENTATIVE, SUBMIT THE SHOP DRAWINGS, PRODUCT DESCRIPTIONS AND PRESCRIBED SAMPLES FOR COMMENTS.
- BEGINNING WORK IS PROHIBITED IF SHOP DRAWINGS, SAMPLES AND PRODUCT DESCRIPTIONS HAVE NOT BEEN RETURNED AND COMMENTED BY THE DEPARTMENTAL REPRESENTATIVE.

4.0- FOUNDATION

4.1- EXCAVATION AND FILL WORK:

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING PUBLIC UTILITIES.
- THE GENERAL CONTRACTOR MUST HIRE HIS OWN EXPERTS TO IDENTIFY ANY ISSUES AND DETERMINE CONSTRUCTION METHODS. HE WILL ALSO PAY FOR THE EXPENSES RELATED TO THE CONSTRUCTION AND MAINTENANCE OF EXCAVATION SLOPES, AS REQUIRED TO ENSURE THEIR STABILITY.
- THE BOTTOM OF THE EXCAVATIONS WILL BE APPROVED BY THE LABORATORY PRIOR TO CONCRETE PLACEMENT OR THE INSTALLATION OF A STRUCTURAL BACKFILL.
- THE GRANULAR BACKFILL TO BE INSTALLED WILL COMPLY WITH THE PRESCRIPTIONS OF THE LATEST EDITION OF THE « CAHIER DES CHARGES ET DEVIS GÉNÉRAUX » OF "TRANSPORTS, MOBILITÉ DURABLE ET ÉLECTRIFICATION DES TRANSPORTS" (THE QUEBEC GOVERNMENT AUTHORITY IN TRANSPORTATION).
- UP UNTIL THE END OF THE WORK, THE GENERAL CONTRACTOR WILL PROVIDE AND IMPLEMENT ALL OF THE PROTECTION MEASURES REQUIRED TO AVOID THE FREEZING OF THE SOIL, THE EMBANKMENT UNDER THE FOUNDATIONS, AND THE SLABS-ON-GRADE TO BE BUILT AND/OR FUTURE.
- PROVIDE, INSTALL AND CARRY OUT TEMPORARY DRAINAGE, AND ENSURE PUMPING IN ORDER TO KEEP THE BOTTOM OF THE EXCAVATIONS DRY.
- THE EXCAVATION WORK WILL BE EXECUTED IN ACCORDANCE WITH THE PRESCRIPTIONS OF THE CROSS-SECTION. IF INFORMATION IS NOT AVAILABLE ON THE PLANS, REFER TO THE SPECIFICATIONS.

FOUNDATION SAND (CG-14)

SIEVES	% PASSING
20 MM	100
5 MM	35 - 100
80 µM	0 - 10

5.0- CONCRETE, FORMWORK AND REINFORCEMENTS

5.1- CONCRETE :

- BUILDING FOUNDATIONS (WALLS) EXCEPT OTHERWISE NOTED:E-0

CONC RETE TYPE	USUAL APPLICATION AND EXPOSITION	RESISTANCE MINIMALE À 28 JOURS (MPa)	PERMÉABILITÉ AUX IONS CHLORURE	AIR	WATER / BINDING MAXIMAL
E-0	GENERAL USE EXPOSED	35 (30 MAX AT 7 DAYS)	---	5 TO 8 %	0,45
M-1	LEAN CONCRETE UNEXPOSED	10	---	4 TO 7 %	

- TYPE : CAN / CSA - A23.1 - 04 AND SPECIFICATIONS
- INSTALLATION: CAN / CSA - A23.1 - 04 AND SPECIFICATIONS
- CURING: CAN / CSA - A23.1 - 04 AND SPECIFICATIONS

5.2- REINFORCEMENTS:

- IN ACCORDANCE WITH CAN / CSA - G30.18 - M92.
- UNWELDABLE STEEL (400R): Fy = 400 MPa.
- WELDABLE STEEL (400W): Fy = 400 MPa.
- UNLESS OTHERWISE INDICATED, THE LENGTH OF THE REBARS DOES NOT INCLUDE THE HOOK.
- UNLESS OTHERWISE INDICATED, ALL OF THE OVERLAPS ARE CLASS "B" SUPERIOR.

5.3- CASTING:

- CALCULATION AND CONSTRUCTION OF CASTING AND THEIR SUPPORTS ARE THE RESPONSIBILITY OF THE ENGINEER WHICH AS BEEN HIRED BY THE CONTRACTOR.

5.4- APPARENT CONCRETE SURFACES:

- REFER TO PLAN AND ARCHITECTURE SPECIFICATIONS FOR THE LOCATION AND TYPE OF SAND BLAST, CHAMFER AND CONCRETE RESERVATION.
- UNLESS INDICATED OTHERWISE ON PLANS (PLASTIC PLUGS), WHEN THE WALL FACE IS APPARENT, FORMWORK CONE MUST BE ALIGNED VERTICALLY AND HORIZONTALLY AND FILLED WITH "SIKATOP 122 PLUS" OF SIKA, "PATCHMATE-PLUS" OF STERNSON OR APPROVED EQUIVALENT BY THE ENGINEER.

5.6- REINFORCEMENT CONCRETE COVER (TYPICAL UNLESS OTHERWISE NOTED ON PLANS). SEE SPECIFICATIONS

5.7- CHAMFER

- 25 MM CHAMFERS ARE TO BE BUILT ON APPARENT SHARP EDGES.

5.8- PROCEDURES TO LOCATE EXISTING CONCRETE ELEMENTS PRIOR TO INSTALLING NEW ANCHORS.

- THESE NOTES APPLY TO EVERY ANCHOR TYPE INCLUDED IN THE PLANS AND SPECIFICATIONS (REINFORCING STEEL ANCHORING DEVICES, THREADED RODS, MECHANICAL AND CHEMICAL ANCHORS, ETC).
- USING A TOOL THAT WILL NOT DAMAGE THE REINFORCING BARS, DRILL HOLES 6 MM Ø WHERE INDICATED ON THE PLAN.
- FILL HOLES WHERE REINFORCING BARS USED TO BE WITH NON-SHRINK GROUT.
- DRILL A NEW HOLE NEAR A HOLE WHERE A REINFORCING BAR USED TO BE.
- REPEAT STEPS ABOVE UNTIL ALL OF THE HOLES CAN BE USED.
- PREPARE THE PLATES SO THAT THE HOLES WILL MATCH THE FINAL LOCATION OF THE ANCHORS.
- INSTALL THE ANCHORS IN ACCORDANCE WITH THE PLAN'S TYPICAL DETAILS AND/OR ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

6.0- STRUCTURAL STEEL

6.1- STANDARDS:

- LAMINATED PROFILES (Fy = 350MPa): CAN / CSA - G40.21 - 04
- HSS (Fy = 345 MPa): ASTM - A-500
- PLATES (Fy = 300 MPa): CAN / CSA - G40.21 - 04
- ANCHOR BOLTS (Fu = 414 MPa) U.O.I.: ASTM F1554 GRADE 36
- WELDS (E49XX): CAN / CSA W59 - 03
- HOT GALVANIZING (600 g/m²): CAN / CSA - G164 - 03
- PRIMER: GREY: CISC / CPMA 1-73a-1975

- THE GENERAL CONTRACTOR WILL SUBMIT THE STRUCTURAL STEEL SHOP DRAWINGS SIGNED AND STAMPED BY AN ENGINEER CERTIFIED BY THE "ORDRE DES INGÉNIEURS DU QUÉBEC" FOR COMMENTS.

6.2- ELEMENTS EXPOSED TO WEATHER:

- UNLESS OTHERWISE INDICATED, ALL STEEL ELEMENTS (LINTELS, PLATES, BEAMS, COLUMNS, BOLTS, ETC.) EXPOSED TO THE WEATHER WILL BE HOT GALVANIZED.

8.0- OPENINGS, SLEEVES, ETC.

- ALL OF THE OPENINGS IN FLOOR SLABS, ROOFS AND WALLS ARE NOT NECESSARILY SHOWN ON THE STRUCTURAL PLANS. TYPICAL DETAILS OF REINFORCEMENTS AROUND THE OPENINGS SHOWN ON THE PLANS ALSO APPLY TO ALL OF THE OPENINGS SHOWN ON MECHANICAL ENGINEERING, ELECTRICITY AND ARCHITECTURE PLANS.
- THE GENERAL CONTRACTOR WILL SUBMIT FOR APPROVAL ANY OPENING NOT SHOWN ON THE STRUCTURAL ENGINEERING PLANS.
- THE GENERAL CONTRACTOR WILL INSTALL ALL OF THE PIECES OF EQUIPMENT TO BE INCORPORATED IN CONCRETE SPECIFIED ON THE PLANS OF THE OTHER SPECIALTIES (DRAINS, PIPES, DITCHES, SLEEVES, ACCESS HATCHES OR DOORS, ETC.) AND REQUIRED FOR THE ENTIRE BODY OF WORK.

9.0- DEMOLITION WORK

- DOCUMENT THE CONDITION OF THE SITE PRIOR TO BEGINNING WORK.
- PROVIDE AND INSTALL WASTE CHUTES, SCREENS, FENCES AND SAFETY SCAFFOLDS AT THE CONSTRUCTION SITE IN ORDER TO PROTECT THE WORKERS.
- PROVIDE AND INSTALL ALL OF THE TEMPORARY PROTECTION DEVICES REQUIRED IN ORDER TO PROTECT EQUIPMENT, BUILDINGS AND/OR SERVICES FROM DAMAGES.
- THE GENERAL CONTRACTOR WILL TAKE RESPONSIBILITY FOR THE DAMAGES THAT MAY BE CAUSED BY DEMOLITION WORK DUE TO WEATHER, NEGLIGENCE, LACK OF COORDINATION OR PRECAUTIONS, BOTH INSIDE AND OUTSIDE OF THE BUILDING.
- EXECUTE THE STRUCTURAL DEMOLITION WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE CSA-S350 STANDARD.
- UNLESS OTHERWISE INDICATED, ALL DEMOLITION MATERIALS WILL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- THE DEMOLITION OR DISMANTLING OF STRUCTURAL ELEMENTS WILL NOT TAKE PLACE PRIOR TO THE SUBMITTAL FOR COMMENTS OF THE METHODS AND PROCEDURES TO THE DEPARTMENTAL REPRESENTATIVE.

9.0- WOOD :

- UNLESS INDICATED OTHERWISE EVERY VISIBLE WOODEN PIECES SHALL BE COMPOSED OF ROUGH SAUF INDICATION CONTRAIRE, TOUTES LES PIÈCES DE BOIS VISIBLE DOIVENT ÊTRE CONSTITUÉES DE BOIS D'ŒUVRE DONT LES PIÈCES SONT DU BOIS BRUT, NON PLANÉ ET DONT L'ESSENCE DE BOIS EST DE L'ÉPINETTE.

9.1- ASSEMBLY :

- THE CONTRACTOR IS RESPONSIBLE OF THE DIMENSIONNING AND FURNITURE OF EVERY WOOD PIECES ASSEMBLY.
- EVERY NEW APPARENT ASSEMBLY SHALL BE IDENTICAL TO EXISTING UNLESS NOTED OTHERWISE.
- EVERY ASSEMBLY EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED.

9.2- APPARENT WOOD :

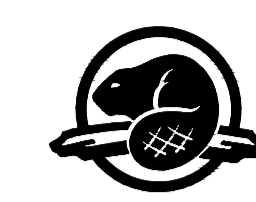
- WHEN WOOD PIECES ARE APPARENT, EVERY FACES SHALL BE FREE OF GLUE, PAINT OR ANY OTHER PRODUCT THAT MAY STAIN WOOD SURFACES.

9.3- WOODEN WALLS :

- 2 X 6 ROUGH AT 406 C/C UNLESS NOTED OTHERWISE ON PLANS.
- TYPE OF WOOD TO BE USED : ROUGH SPRUCE.
- HORIZONTAL WOOD BLOCKING : 2 X 6 AT 1220 C/C TYPICAL.
- WOODEN ATTACHEMENT: SEE TYPICAL DETAILS.



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revisions	description	date
03	ISSUED FOR TENDER	21-07-2017
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A C	A. no. du detail detail no.	A B C
	B. sur dessin no. location drawing no.	
	C. drawing no. dessin no.	

Projet Project

AGENCE PARCS CANADA
PARC NATIONAL FORILLON
SECTEUR GRANDE-GRAVE

RÉFECTION DE LA GRANGE
ENSEMBLE BLANCHETTE

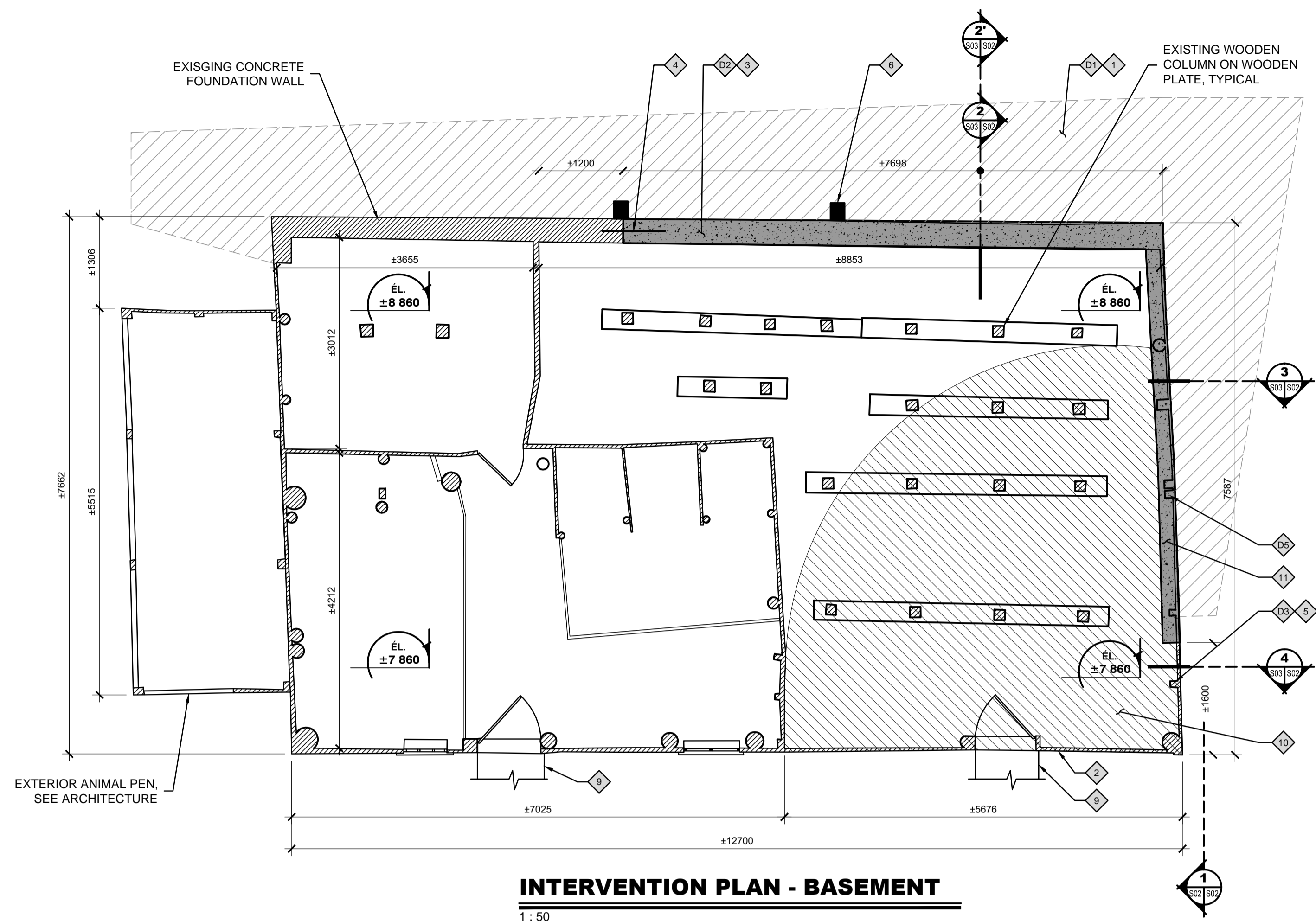
Dessin Drawing

STRUCTURE

GENERAL NOTES

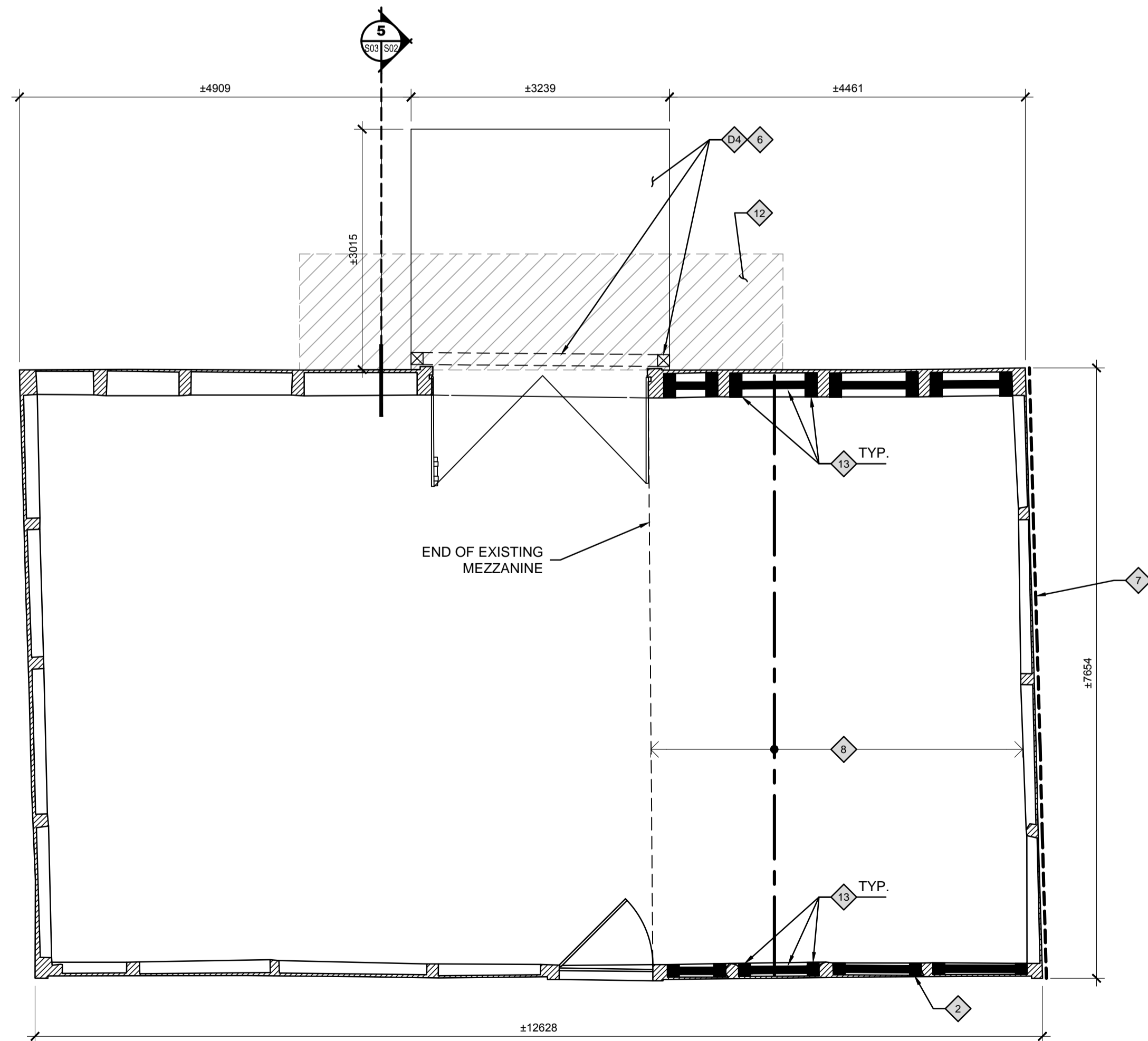
Conçu par	V. CANTIN	Designed By
Date		(yyyy/mm/dd)
Dessiné par	D. BOUCHER	Drawn By
Date		(yyyy/mm/dd)
Examiné par	F. GAMACHE	Reviewed By
Date		(yyyy/mm/dd)
Approuvé par	M. BOUCHARD	Approved By
Date		(yyyy/mm/dd)

No. du projet	1413-4	Project no.
APC		PCA
No. du dessin	S01-GL-NOT-1413-4.DWG	Drawing no.
	S01	



INTERVENTION PLAN - BASEMENT

1 : 50



INTERVENTION PLAN - ROOF / MEZZANINE

1 : 50

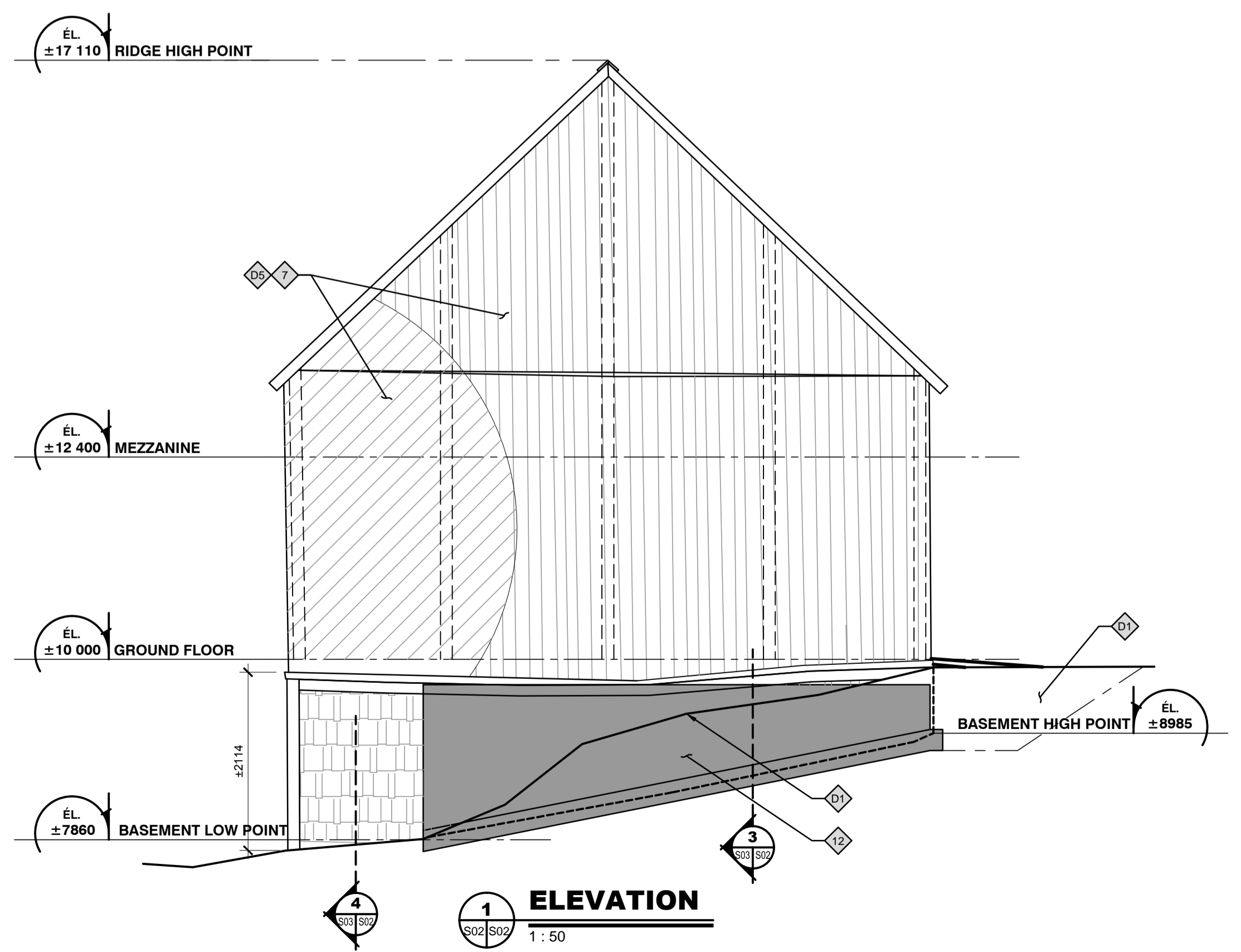
- SPECIFIC NOTES - HYDROLIC PILES**
- ALL STEEL SHALL BE HOT-DIPPED GAVANIZED.
 - EACH PILE SHALL HAVE A CAPACITY OF 100KN IN SERVICE.
 - INSTALLATION AND FABRICATION OF THE HYDROLIC PILES, AS WELL AS ITS MOUNTING BRACKET AND EXISTING COLUMN ANCHOR BOLTS, SHALL BE DETERMINED BY THE GENERAL CONTRACTOR AND ITS MANUFACTURER. SUBMIT FOR ANALYSIS DRAWINGS SIGNED AND SEALED BY AN ENGINEER FOR ANALYSIS BEFORE PROCEEDING.

- SPECIFIC NOTES - ANGLE BOARD PLANK**
- EVERY ANGLED WOODEN BOARD PLANK ON WALLS SHALL BE:
- ATTACHED AT THE CROSSING OF EVERY HORIZONTAL AND VERTICAL STRUCTURAL ELEMENT WITH 2 NAILS 76mm LONG.
 - NAILED TO THE OTHER WOODEN BOARD (HORIZONTALLY OR VERTICALLY) AT 300mm c/c.
 - EVERY ANGLED WOODEN BOARD PLANK SHALL BE CONTINUE BETWEEN 2 STRUCTURAL ELEMENTS.

- GENERAL NOTES**
- ALL COTES, DIMENSIONS AND LEVELS CONCERNING EXISTING ELEMENTS INDICATED ON THESE PLANS ARE APPROXIMATE AND MUST BE VERIFIED. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL VERIFY THOSE INFORMATIONS AND REPORT ANY CONTRADICTIONS TO THE ENGINEER.
 - ALL NEW WOODEN PIECES EXPOSED AND NON-APPARENT SHALL BE TREATED AND BE MADE OF SPF # 1/2 OR EQUIVALENT APPROVED.
 - ALL NEW WOODEN PIECES SHALL BE ROUGH SPRUCE, UNLESS OTHERWISE INDICATED.
 - ALL STEEL PIECES, MOUNTING BRACKETS, BOLTS, NAILS, ANCHORS, SCREWS, ETC. LOCATED OUTSIDE SHALL BE HOT-DIPPED GAVANIZED.
 - CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR THE BARN FOR THE CONSTRUCTION OF THE CONCRETE WALL AND HYDROLIC PILES (SEE SPECIFIC NOTE 3) AND SUBMIT FOR ANALYSIS A SIGNED AND SEALED PLAN BY AN ENGINEER BEFORE PROCEEDING. THE CONTRACTOR SHALL FORESEE THE NEW CONCRETE WALLS GEOMETRY TO ENSURE THAT EXISTING WOODEN STRUCTURE IS LEVELED AND SQAURED ON ITS NEW FOUNDATIONS AND TO LEVEL THE BARN SOUTH-WEST CORNER (SEE SPECIFIC NOTE 10)

- SPECIFIC NOTES - DEMOLITION**
- EXCAVATE SOIL ALONG THE EAST FACADE FOR THE INSTALLATION OF THE DRAINAGE DITCH, DRAINAGE BOARD AND RECONSTRUCTION OF THE FOUNDATIONS WALL.
 - ROUGH WOODEN WALL TO DEMOLISH. SEE SECTION 2/S03.
 - WOODEN COLUMN TO CUT AND CONNECT AS DETAILED ON SECTION 4/S03 (SEE ALSO NOTE 5). EXACT LOCATION OF THESE COLUMN TO VALIDATION ON SITE.
 - WOODEN RAMP AND ITS WOOD COLUMNS TO BE DISASSEMBLED AND RE-INSTALLED AS PER DETAIL 5/S03 AND ARCHITECTURAL PLANS.
 - 5 WOODEN COLUMNS TO CUT AND CONNECT TO NEW CONCRETE WALL AS PER SECTION 3/S03.

- SPECIFIC NOTES - CONSTRUCTION**
- INSTALLATION OF A DRAINAGE DITCH. SEE CIVIL
 - REPAIR GROUND FLOOR AND MEZZANINE FLOOR RIM JOIST CONNECTION. SEE TYPICAL DETAIL PAGE S03
 - NEW CONCRETE WALL. SEE 2/S03
 - CONTRACTOR SHALL FIX THE NEW WALL TO THE EXISTING ONE WITH 15M X 750 mm LENGHT @ 300 c/c CHEMICALLY ANCHORED, 150mm EMBEDMENT INTO THE EXISTING WALL. INSTALL A SEALING STRIP VERTICALLY ON THE FULL HEIGHT OF THE WALL, SEE SPECIFICATIONS.
 - INSTALL 10 HYDROLIC PILE (LOCATION SEE PLAN VIEW), SEE SECTION 4/S03. LOCATION TO VALIDATE ON SITE.
 - BUILD TWO CONCRETE PILES AND RE-INSTALL THE WOOD RAMP AND ITS COLUMNS ACCORDING TO SECTION 5/S03.
 - INSTALL ANGLED (45°) WOODEN BOARD ± 150x19mm (AS EXISTING WOODEN BOARD) ON ALL SOUTH ELEVATION AND REINSTALL OF THE EXISTANT VERTICAL BOARD BY THE OUTSIDE (SEE ARCH.). SEE SPECIFIC NOTES.
 - INSTALLATION OF A ROUGH WOODEN BEAM ± 90x170 UNDER THE MEZZANINE BETWEEN EACH EXISTING BEAM (TOTAL OF 4).
 - EXISTING WOODEN RAMP TO PRESERVE AND PROTECT.
 - LEVEL BUILDING AREA USING HYDROLIC PILES.
 - NEW CONCRETE WALL, SEE SECTION 3/S03.
 - AREA TO BE BACKFILLED WITH MG-112 COMPACTED AT 95% OF MODIFIED PROCTOR, DIMENSIONS SEE ARCHITECTURE.
 - NEW LINTEL AND WOOD MOUNTING TO SUPPORT NEW ROUGH WOODEN BEAMS, SEE SECTION 6/S03.



ELEVATION

1 : 50

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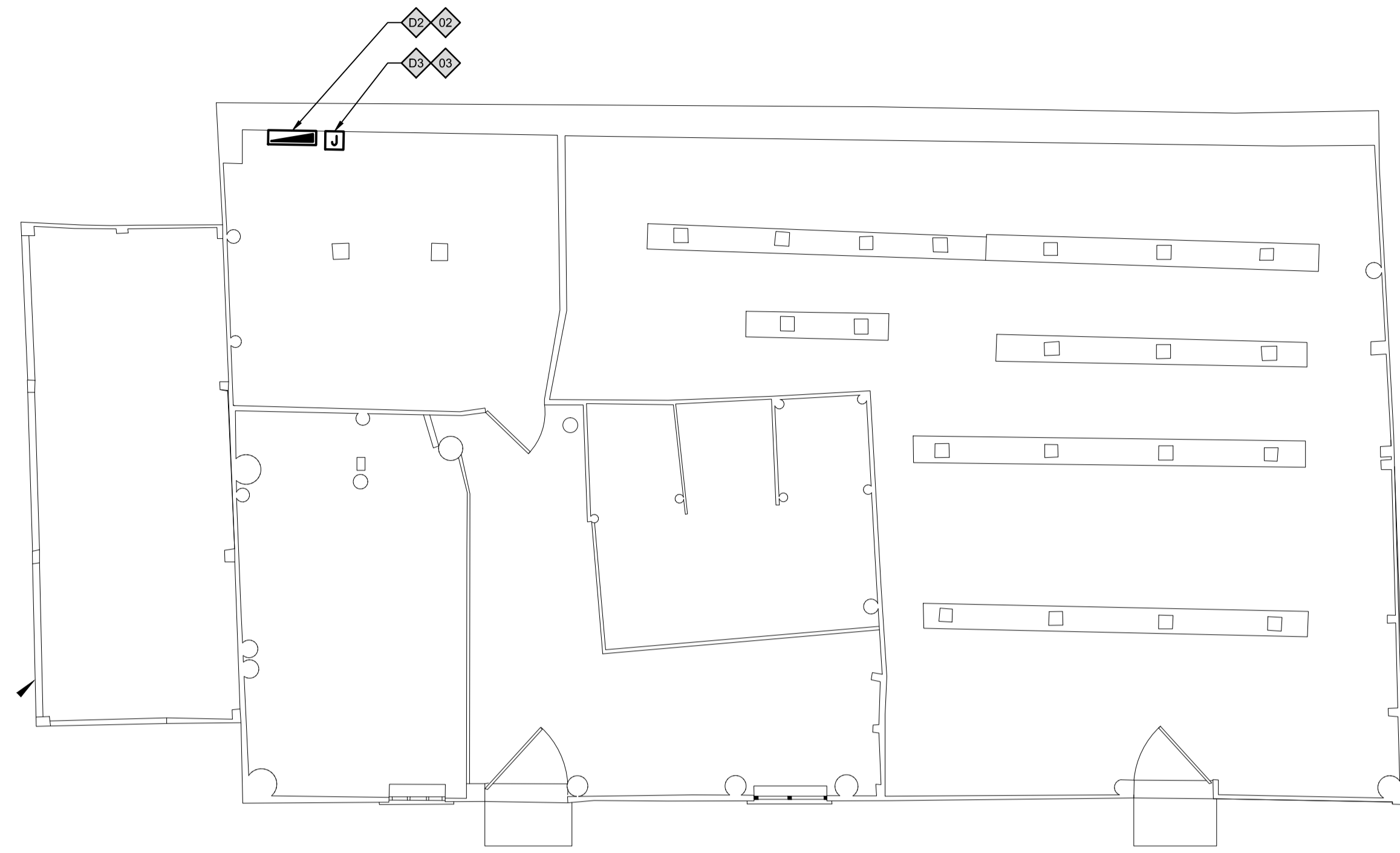
A	A
C	B C

Projet: **PARK CANADA FORILLON NATIONAL PARK GRANDE-GRAVE REGION**
 REFLECTION OF THE BARN BLANCHETTE ENSEMBLE

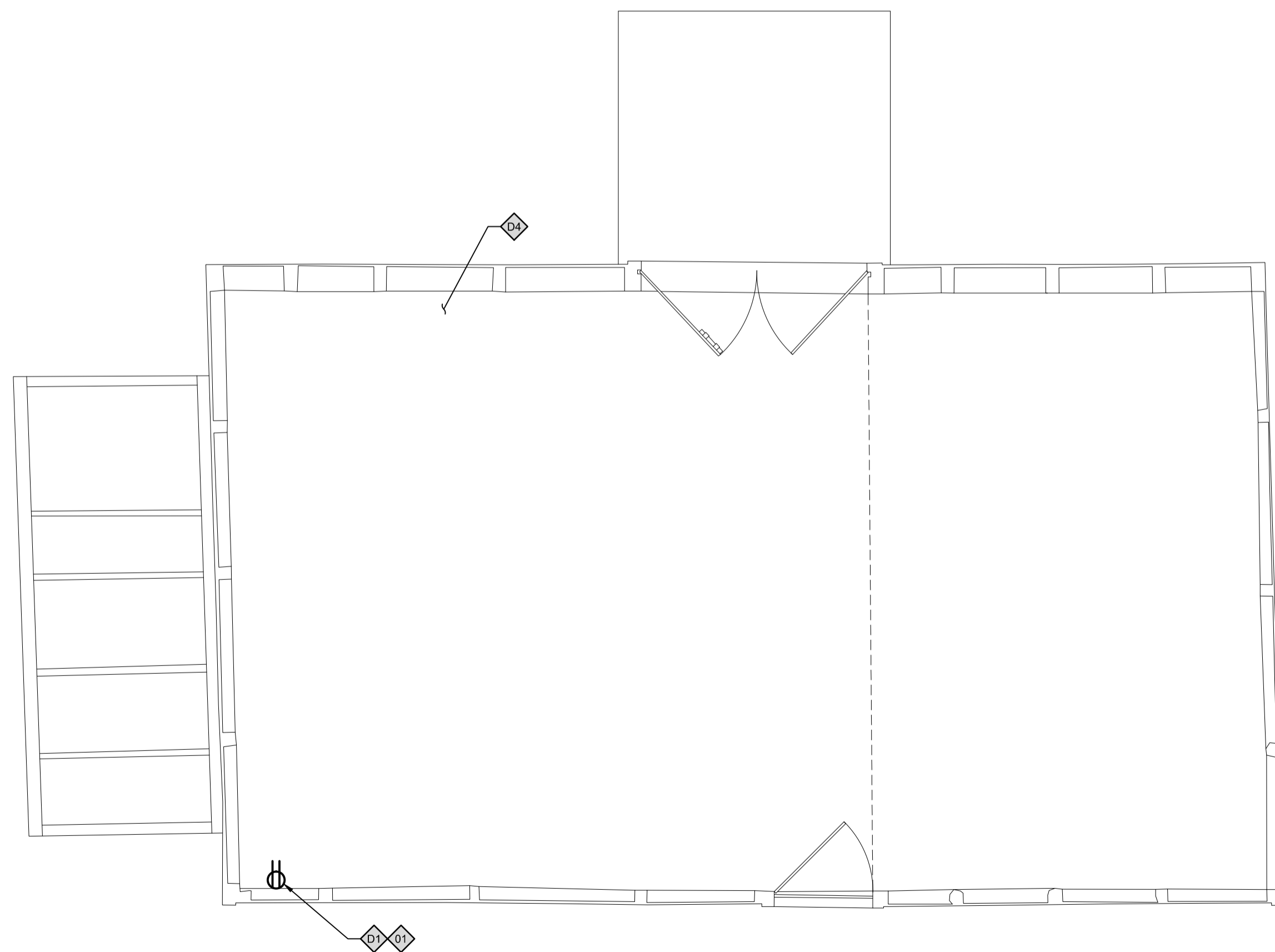
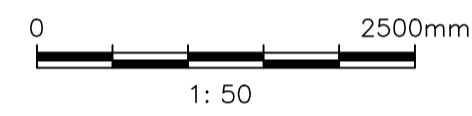
Dessin: **STRUCTURE INTERVENTION PLAN**

Conçu par	V. CANTIN	Designed By
Date		(yyyy/mm/dd)
Dessiné par	D. BOUCHER	Drawn By
Date		(yyyy/mm/dd)
Examiné par	F. GAMACHE	Reviewed By
Date		(yyyy/mm/dd)
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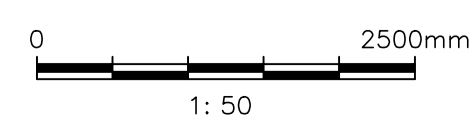
No. du projet: **1413-4** Project no.
 APC PCA
 No. du dessin: **S02-GL-PLN-1413-4.DWG** Drawing no.
S02



INTERVENTION PLAN – BASEMENT



INTERVENTION PLAN – ROOF/MEZZANINE



SPECIFIC NOTES - DEMOLITION

- D1 - EXISTING DOUBLE ELECTRICAL RECEPTACLE (120V / 1Ø 15A) C/W METAL OUTLET BOX. REMOVE THE SOCKET AND THE OUTLET BOX FOR THEIR REPLACEMENT (SEE CONSTRUCTION).
- D2 - EXISTING DISTRIBUTION PANEL (120-240V / 1Ø 100A) CURRENTLY CONNECTED IN 120V / 1Ø. MODIFY THE PANEL CONNECTION ACCORDING TO THE REPLACEMENT OF THE MAIN POWER SUPPLY CABLE (SEE CONSTRUCTION AND SITEMAP).
- D3 - EXISTING JUNCTION BOX. REMOVE THE BOX FOR REPLACEMENT (SEE CONSTRUCTION).
- D4 - ELECTRICAL CABLE NOT CONNECTED. REMOVE THE CABLE.

SPECIFIC NOTES - CONSTRUCTION

- C1 - PROVIDE AND INSTALL A NEW DOUBLE ELECTRICAL RECEPTACLE (120V / 1Ø 15A DDF1) C/W A PVC OUTLET BOX WITH WATERPROOF COVER (WP).
- C2 - CONNECT THE NEW MAIN 2#3 TECK90 POWER CABLE (SEE SITEMAP) TO THE EXISTING DISTRIBUTION PANEL.
- C3 - PROVIDE AND INSTALL NEW PVC WATERPROOF JUNCTION BOXES TO INTEGRATE ALL EXISTING ELECTRICAL CONNECTIONS.

Canada
 Parcs Canada / Parks Canada
 Gestion des biens et réalisation de projets / Asset Management and Project Delivery
 Région du Québec / Quebec Region

révisions / revisions	description	date
03	ISSUED FOR TENDER	21-07-2017
02	99% - POUR COMMENTAIRES	07-07-2017
01	50% - POUR COMMENTAIRES	26-05-2017

A	A
C	B C

Projet / Project
**PARK CANADA
 FORILLON NATIONAL PARK
 GRANDE-GRAVE REGION**

**REFECTION OF THE BARN
 BLANCHETTE ENSEMBLE**

Dessin / Drawing
ELECTRICITY
**BLANCHETTE BARN
 INTERVENTION PLAN**

Conçu par / Designed By	M. ROUSSEL
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Dessiné par / Drawn By	M. ROUSSEL
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Date / (yyyy/mm/dd)	

No. du projet / Project no.	1413-4
APC / PCA	
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	E03