

**DEPARTMENT OF FISHERIES AND OCEANS  
CANADIAN COAST GUARD  
NEWFOUNDLAND AND LABRADOR**

**Roof Repairs  
Table Mountain VHF Site, Newfoundland**



**PROJECT NO: F6839-235503  
DATE: April 25, 2024**

## **STATEMENT OF WORK**

**Project No: F6839-235503**

**Title: Roof Repairs: Table Mountain Newfoundland**

**Site of work:**

Work to be completed at the Canadian Coast Guard (CCG) Communications and Traffic Control building located on top of Table Mountain near Port Aux Basques, Newfoundland.

Approximate tower location at Lat 47° 41' 14" N, Long 59° 16' 26" W is shown in Appendix A.

Location of site is accessible only by helicopter and All Terrain Vehicle (ATV). Canadian Coast Guard will provide helicopter transportation to sling material and tools for mobilization and demobilization. All other site access of personnel will be the responsibility of the contractor. All helicopter operations will be conducted from a nearby lay down area off the Trans Canada Highway near Port Aux Basques.

**Description of Work:**

Upon recent inspection of the Very High Frequency (VHF) radio site, it was evident that the roof requires repairs in order to extend the life span of the building. The roof structure is built from steel beams with a roof framing slope of 2:12. A total of 240 90mm x 610mm x 610mm (weigh approximately 90lbs each) concrete blocks are placed on the roof membrane to avoid damage from high winds.

Work for this project consists of replacing the existing roof membrane. This will be done in sections by relocating the current concrete blocks to another section of the roof to expose the existing torch on membrane. The existing membrane will be removed, as well as the fiberboard underneath. New fiberboard will then be installed as required. The roof eave is to be built out an additional 75mm all around the perimeter of the roof. New 0.64mm pre-finished metal flashing to be installed.

170N geotextile will be installed on top of the new ethylene propylene diene terpolymer (EPDM) membrane. Once secured, the concrete blocks will be placed back on top of the geotextile. Note: Concrete blocks will not be replaced as the proper equipment to remove and replace new concrete blocks is not able to access the site. The road has become inaccessible to trucks and larger equipment.

## **1.0 Schedule**

Coordinate all work with the CCG. This project must be completed before the contract end date.

## **2.0 Goods Required**

The Goods to be supplied by the contractor under this scope of work shall include all labour, materials and equipment necessary to supply the following:

- 2.1.1 13mm high density, closed cell polyisocyanurate foam core cover board
- 2.1.2 0.64mm pre-finished steel flashing (Black).
- 2.1.3 60oz EPDM roof membrane.
- 2.1.4 170N geotextile.
- 2.1.5 All material required to add an eave to the existing roof of the building as indicated on the attached drawing. See Appendix B

## **3.0 Work Required**

The Contractor must provide the following

4.1.1 Relocate concrete blocks as required to access and replace existing roof membrane.

Remove existing torch on roof membrane. Replace existing fibre board as required.

4.1.2 Complete Installation of new roof eave on entire perimeter of roof as shown in Appendix B.

4.1.3 Install new 0.64mm pre-finished metal flashing as shown in Appendix B.

4.1.4 Install new EPDM roofing membrane as per manufacturers specifications.

4.1.5 Install 170N geotextile on top of EPDM to protect new membrane.

4.1.6 Place existing concrete blocks on top of geotextile as roof sections are completed.

## **4.0 Acceptance Inspection**

An acceptance inspection by a CCG representative will be carried out after the completion of the work by the contractor.

## **5.0 Materials**

Use all new material and equipment unless otherwise specified by Department Project Officer/Engineer.

Use products of one manufacturer for equipment or material of same type or classification unless otherwise specified.

Unless otherwise specified by Department Project Officer/Engineer, comply with manufacturer's latest printed instructions for materials and installation.

## **6.0 Safety Requirements**

This Section describes specific safety requirements the contractor shall observe and enforce during the progress of the Work.

### Summary:

This Section describes specific safety requirements to be observed and enforced during the progress of the Work.

Inclusion of these specific safety requirements shall not constitute a relief of the Contractor's responsibility but is a precaution against oversight or errors.

The Contractor is solely responsible for safety procedures deemed necessary by the Contractor to meet the requirements of these Specifications.

### General:

Comply with all applicable health and safety regulations, procedures and codes contained in the Contract.

Provide all necessary safety equipment, including personal protective equipment (PPE), as required for safe execution of the Work. All safety equipment should conform to the requirements of the appropriate authority. (i.e. Canadian Standards Association CSA)

Immediately report to the CCG Project Engineer/ Officer all incidents and accidents that occur on the Work Site.

- 6.1 Stop the Work if conditions are such that the Work cannot be performed safely.

## **7.0 Environmental Requirements**

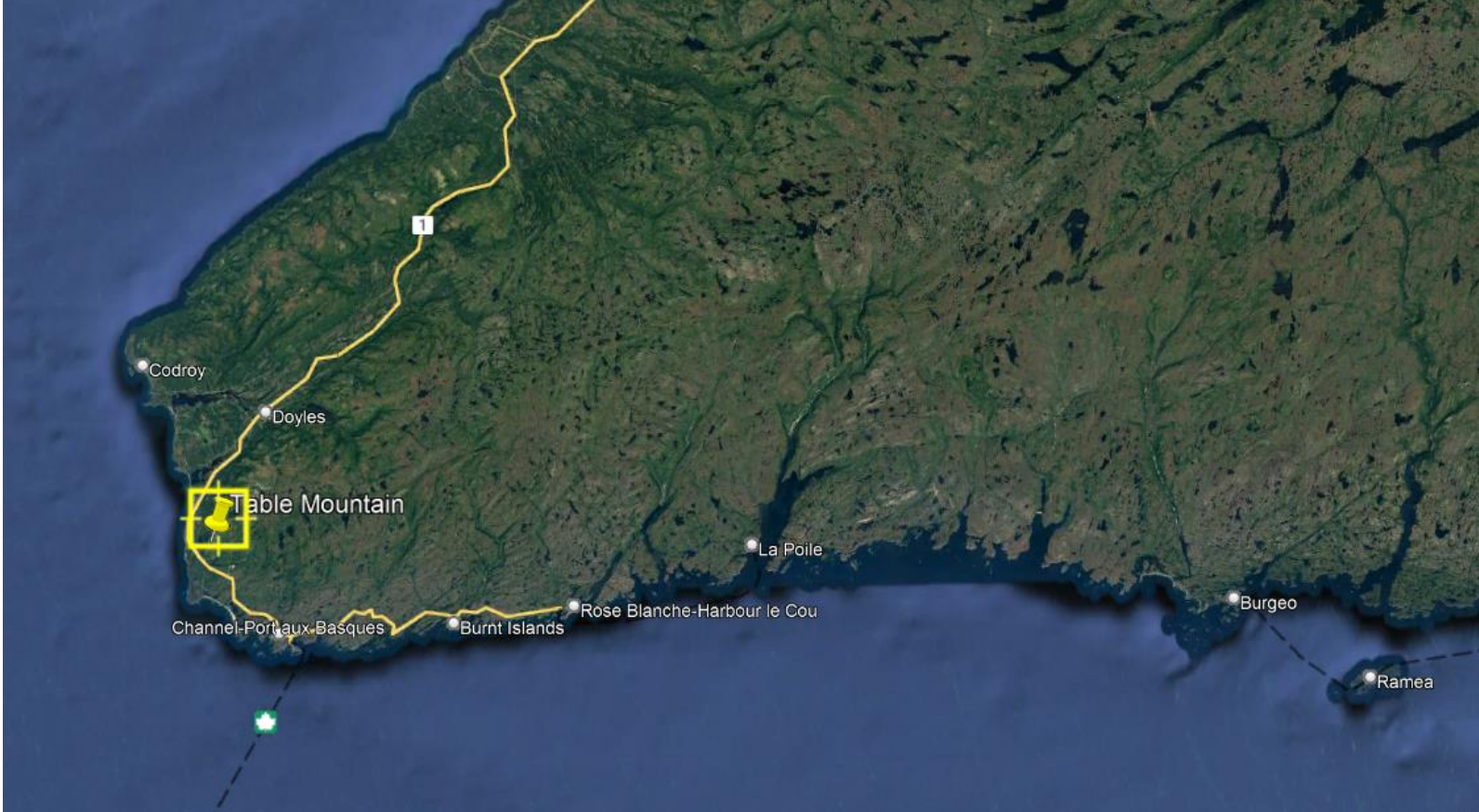
Fires and burning of rubbish not permitted on site.

Do not dispose/bury rubbish or waste materials on site.

Contractor must comply with any/all direction and/or advice provided by the Federal, Provincial or Municipal authorities having jurisdiction.

## APPENDIX A

Map of site location

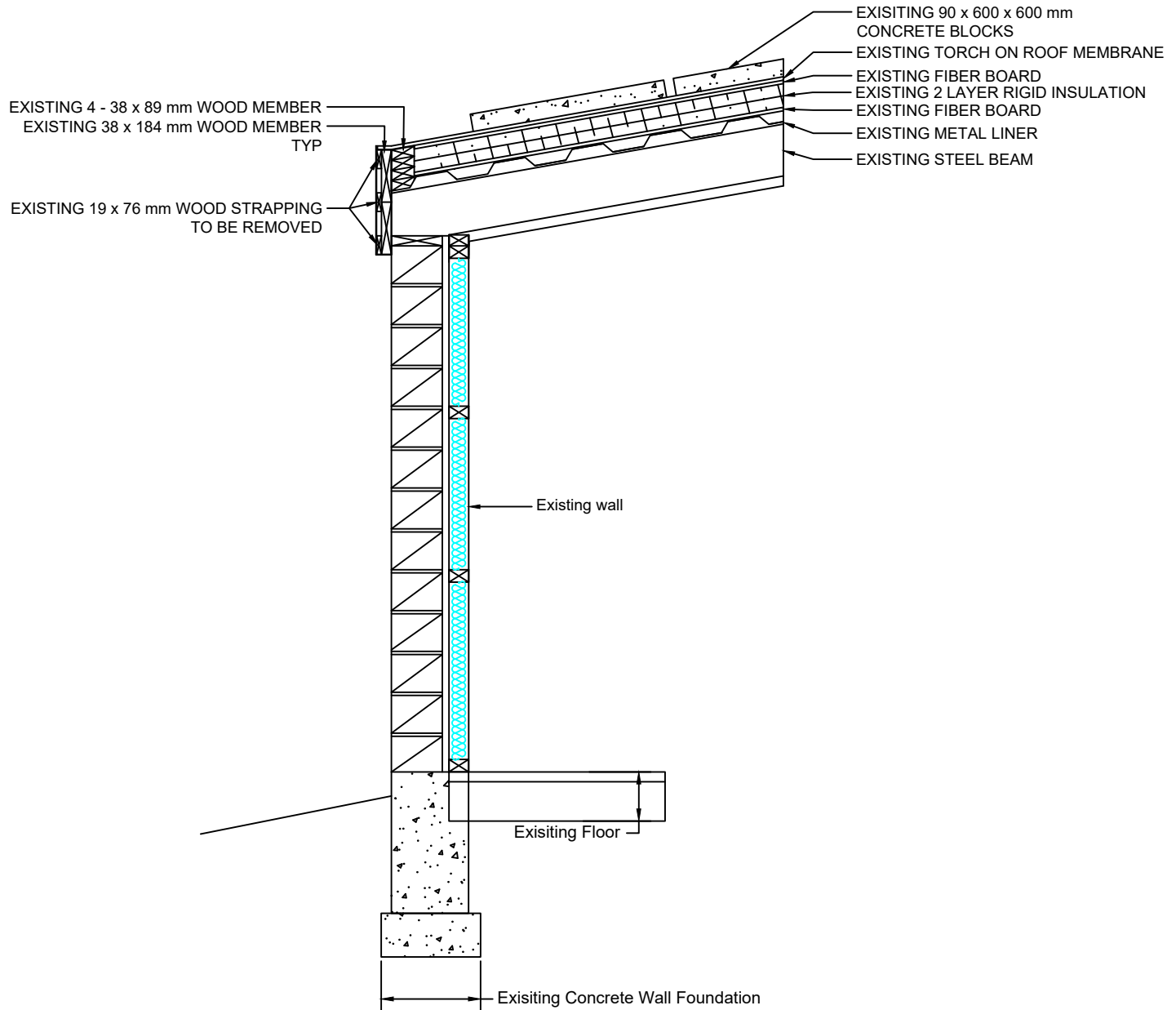


## APPENDIX B

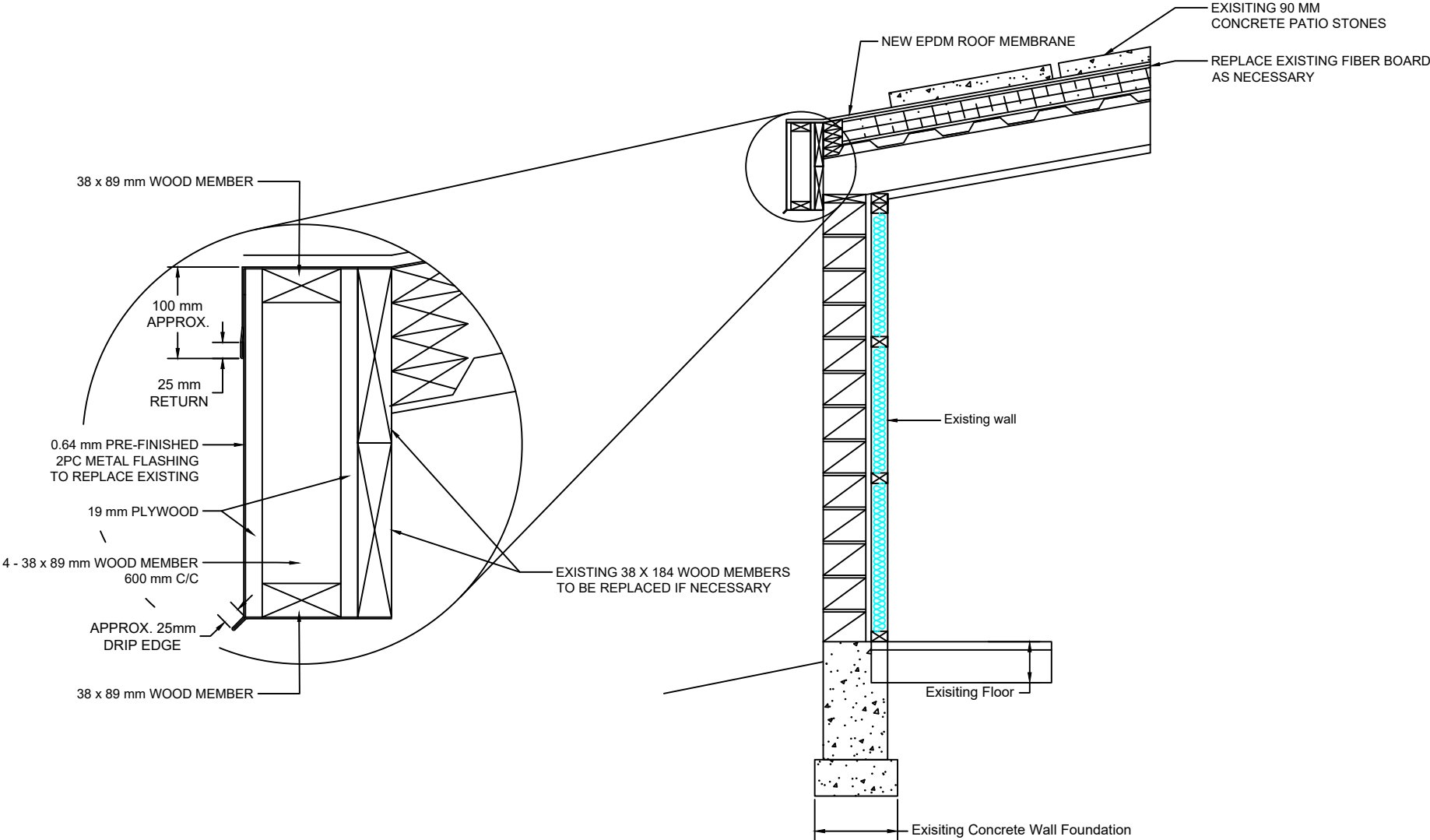
### Drawings



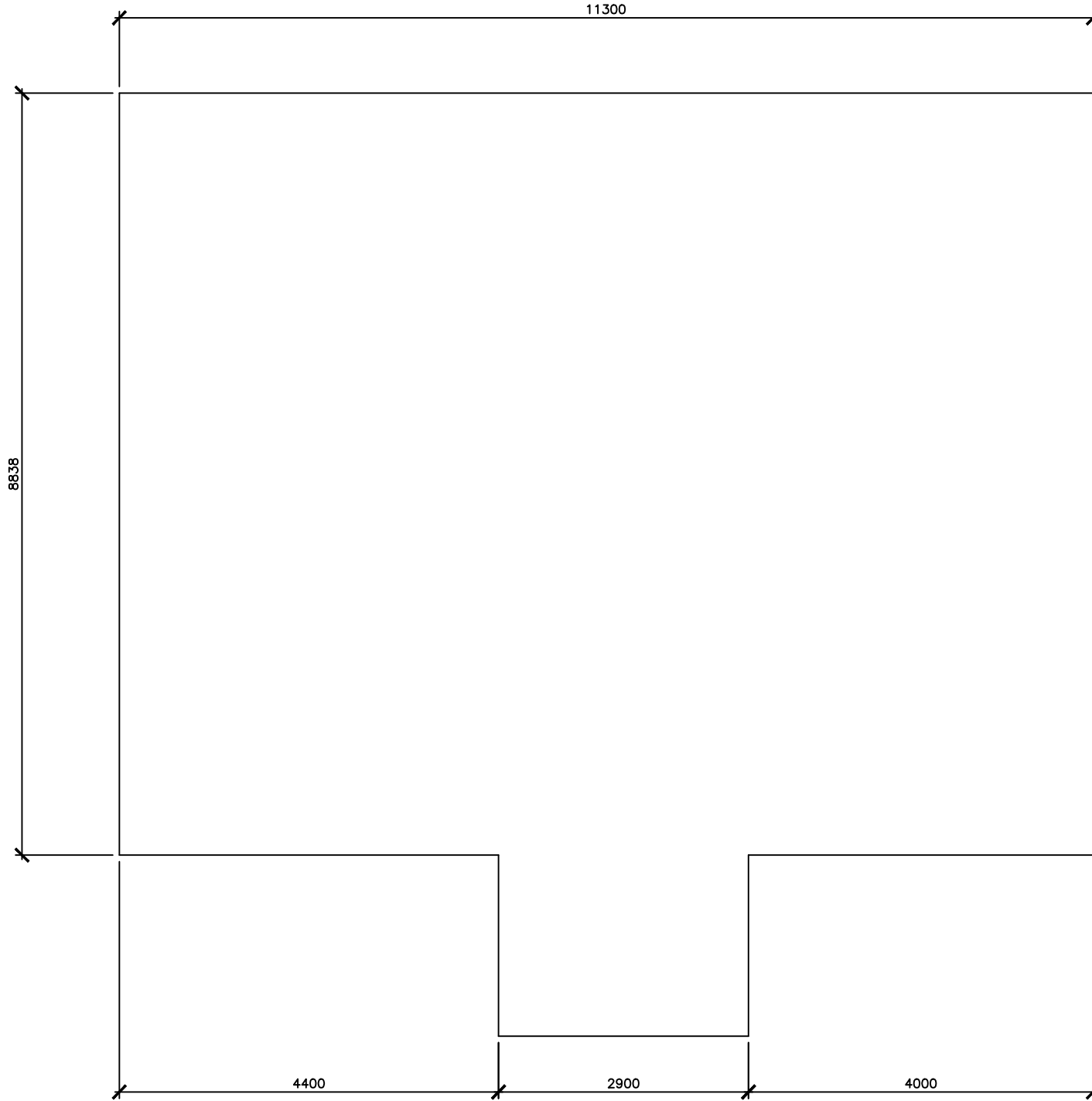
# EXISTING STRUCTURE



# EVE & FLASHING DETAIL



PLAN VIEW



## APPENDIX C

### Construction Photos













