

ELECTRICAL ADDENDUM No. 2

PROJECT NAME: Antigonish County Municipal Building Electrical Service Upgrade & Emergency Generator
DATE: JAN 25, 2023

The Tender Document shall be amended with the following information which shall form part of the Contract as described herein:

SPECIFICATIONS

- .1 Specification Section 00 00 00.0 – INVITATION FOR TENDER
 - .1 The tender closing date shall be extended by one (1) week to ~~2:00:00pm, local time, on Tuesday, January 31, 2023~~ **2:00:00pm local time, on Tuesday, February 7, 2023.**
- .2 Specification Section 26 32 13 – POWER GENERATION DIESEL
 - .1 Revise Article 1.6.1.1.10; Main breaker shall be rated ~~200A~~ **300A**
 - .2 Revise Article 1.9.2; Provide also Platinum level Extended Service Coverage for a total of 60 months with no deductible. The manufacturer shall provide a 5-year warranty on all parts and labour as well as a 5-year service contract with annual service dates. **Annual service shall consist of items listed in CSA C282 Table 5 including a 2 hour full-load test**
 - .3 Revise Article 2.3.6; The generator set manufacturer will use an engine ~~of its own manufacture~~ that is commonly used in other machines and applications to insure long term parts availability and serviceability. ~~Engines from a third party will not be allowed.~~
 - .4 Revise Article 2.4.2; A weather resistant, sound attenuated enclosure of aluminum **or steel** with electrostatically applied powder coated baked polyester paint. It shall consist of a roof, side walls, and end walls. Fasteners shall be either zinc plated or stainless steel.

DRAWINGS

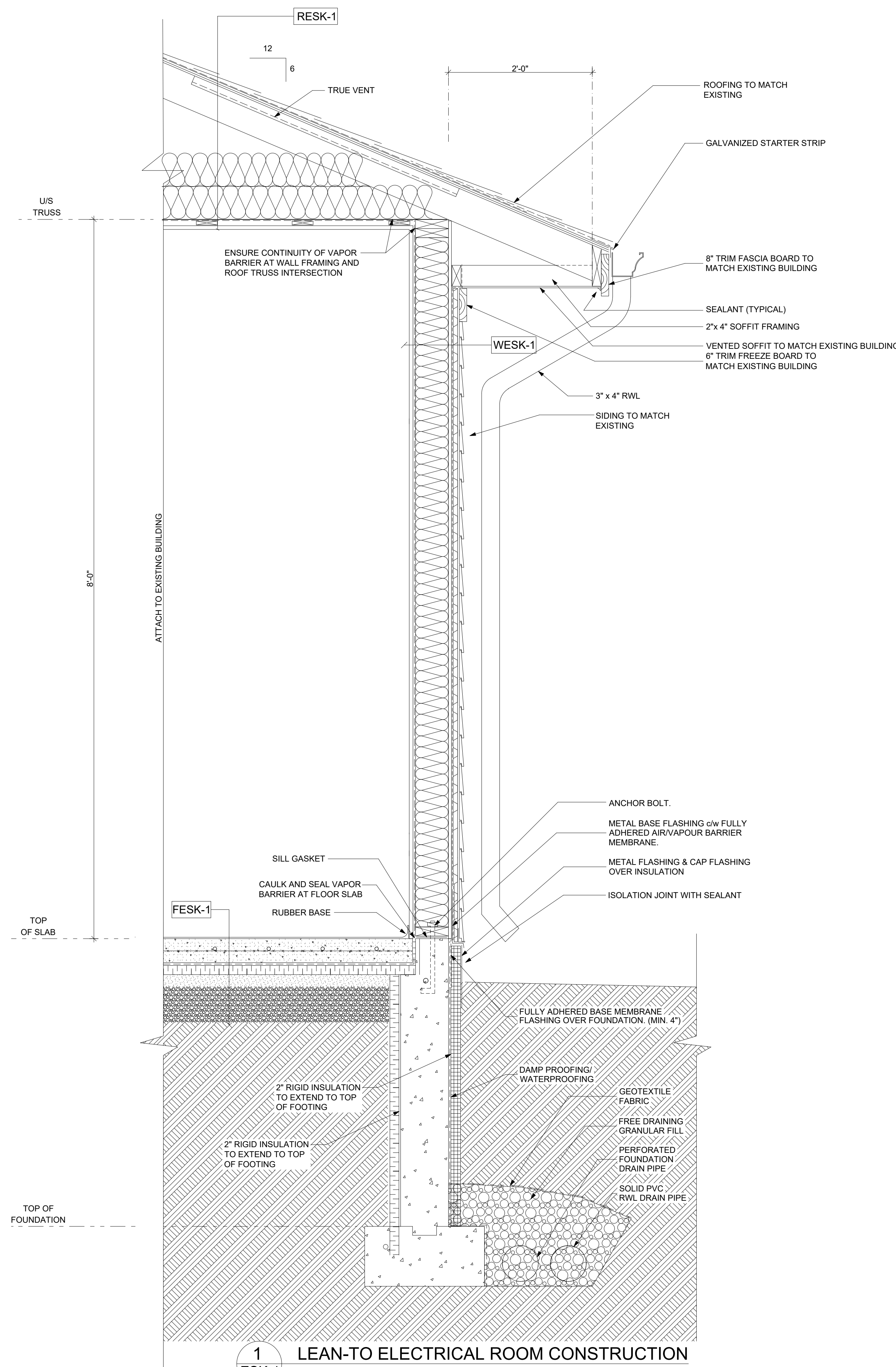
- .3 E-101 – ELECTRICAL SITE PLAN & DETAILS
 - .1 Detail 1 – The scale is listed incorrectly. The correct scale is ~~1/2" = 1'-0"~~ **1" = 30'-0"**.
 - .2 Detail 1 – The main communications termination point is currently shown in the Electrical Room. It is actually located in the Communications Room, adjacent to the Electrical Room.
 - .3 Detail 2 – Where the new main electrical service feeders are proposed to run down the wall of the boiler room and through the wall into the switchboard, there is an existing domestic hot water tank. To create working space, it is the responsibility of this contractor to have this domestic hot water tank disconnected and removed while the work is ongoing and to be re-installed once the work in this area is complete. All plumbing work is to be done by a certified plumber licensed to work in the Province of Nova Scotia.
 - .4 Detail 2 – The main breaker on the generator is to be changed from ~~200A~~ to **300A**. Due to this change, the feeder running underground from the generator to the ATS shall be changed to ~~4C-#3/0 RWU90 Cu. & #6 bond in 2 1/2" conduit~~ **4C #350 RW90 Cu. & #3 bond in 4" conduit.**
 - .5 Detail 3 – This contractor shall be responsible for the construction of the new lean-to electrical room as per the attached the ESK-1 and they are to meet all requirements of the National

Building Code of Canada and Nova Scotia Building Code. Siding and roofing to match existing building. Door to be 36" wide insulated steel door. All work is to be done by certified trades qualified to do this work in the Province of Nova Scotia.

.4 E-102 – ELECTRICAL SERVICE AND GENERATOR DETAILS

- .1 The main breaker on the generator is to be changed from ~~200A~~ to **300A**.

END OF ADDENDUM No. 2



- RESK-1 EXTERIOR ROOF ASSEMBLY**
- 25 YR WARRANTY ASPHALT ROOFING SHINGLES c/w STARTER STRIP
 - # 15 lb ROOFING FELT
 - FULLY ADHERED RUBBERIZED ASPHALT MEMBRANE AT VALLEYS, RIDGES, ETC.
 - 1/2" SUPER ROOF OSB SHEATHING W/ H-CLIPS
 - PRE-ENGINEERED ROOF TRUSSES @ 24" o.c.
 - R-40 BATT INSULATION
 - 1X4 WOOD STRAPPING @ 16" O.C.
 - 6 MIL POLYETHYLENE VAPOUR BARRIER. TAPE, CAULK AND SEAL.
 - 5/8" TYPE 'X' GWB CEILING THROUGHOUT

- FESK-1 FLOOR ASSEMBLY (SLAB)**
- 4" CONCRETE SLAB c/w CONTROL JOINTS
 - WIRE MESH REINFORCING
 - 2" EPS INSULATION
 - 10 MIL POLY V.B.
 - 2" (MAX.) LEVELLING SAND OR PEA GRAVEL AS REQUIRED
 - 6" TYPE 1 GRANULAR
 - COMPACTED SUBGRADE

- WESK-1 EXTERIOR WALL ASSEMBLY**
- FIBER CEMENT BOARD CLADDING & TRIMS (INSTALL AS PER MANUFACTURERS INSTRUCTIONS)
 - EXTRUDED POLYSTYRENE RIGID INSULATION BOARD R-5
 - 1" x 3" PRESSURE TREATED VERTICAL WOOD STRAPPING AT 12" O.C.
 - SELF ADHERED WATER-RESISTIVE AIR BARRIER
 - 1/2" STANDARD GRADE PLYWOOD SHEATHING
 - 2" x 6" WOOD STUD FRAMING AT 16" O.C.
 - GLASS-FIBRE THERMAL BATT INSULATION R-23
 - 6 MIL. POLYETHYLENE FILM VAPOUR BARRIER
 - 5/8" STANDARD GYPSUM WALL BOARD, TAPE AND FILL

NOTE:
ON WALLS THAT EXTEND TO U/S OF ROOF TRUSSES, PROVIDE FIRE STOP CAULKING AND NOISE SEAL CAULK AS REQUIRED.
PROVIDE INSULATED STEEL DOOR WITH LATCH TO MATCH EXISTING HARDWARE AND KEYING

1 LEAN-TO ELECTRICAL ROOM CONSTRUCTION
ESK-1 NTS

A.H. Roy & Associates Ltd.
275 Main St., Antigonish
Nova Scotia, B2G 2C3
Tel: (902) 863-2955 E-mail: ahroyoffice@ahroy.ca

REVISIONS	DATE
3	ISSUED FOR ADDENDUM JAN 27, 2023
2	ISSUED FOR TENDER JAN 10, 2023
1	ISSUED FOR 100% REVIEW DEC 22, 2022

A	A - Detail No.
B	B - Drawing No.

PROJECT
MUNICIPALITY OF THE COUNTY OF ANTIGONISH ELECTRICAL SERVICE REPLACEMENT
LOCATION
ANTIGONISH, NOVA SCOTIA

DRAWING
LEAN-TO ELECTRICAL ROOM CONSTRUCTION

SCALE AS NOTED	DATE JANUARY 2023
-------------------	----------------------

DRAWN BY C.C.	CHECKED P.J.D.	REVIEWED
------------------	-------------------	----------

APPROVED	DEPT. APPROVAL
SEAL	SEAL

DEPT. JOB No.	DRAWING NO. ESK-1
CONSULTANT'S NO. 2021-2794	
TENDER NO.	

