



# ELECTRICAL PROTECTION ACT ELECTRICAL CONTRACTOR DECLARATION

## LOI SUR LA PROTECTION CONTRE LES DANGERS DE L'ÉLECTRICITÉ DÉCLARATION DE L'ENTREPRENEUR EN ÉLECTRICITÉ

To: Building Safety Office

Destinataire : Bureau de la Sécurité des bâtiments

Electrical permit number • Numéro du permis d'électricité

2024-1651-E

Name of certified electrical contractor • Nom de l'entrepreneur qualifié Arcrite Northern Ltd.	Premises name and address • Nom et adresse du lieu des travaux VILLAGE OF CARMACKS River Drive Carmacks
Address • Adresse 105 Platinum Road Whitehorse YT	Legal description • Description officielle 181 NA 2006-0169 LOT • PARCELLE BLOCK • BLOC PLAN • PLAN
Contact • Personne-ressource Chad Harwood	Phone • Téléphone (867) 668-3053
Phone • Téléphone (867) 668-3053	Phone • Téléphone (867) 335-1898

I, the accredited representative or the authorized signing officers of the above-mentioned permit, hereby certify that the electrical installation authorized has been installed to comply with the Governing Statutes and/or Regulations applicable to the items noted below (check items below applicable to your declaration requirements):

Par la présente, je déclare, en tant que représentant désigné ou signataire autorisé du permis susmentionné, que les installations électriques autorisées sont conformes aux lois et règlements applicables dans la mesure où (veuillez cocher dans le tableau ci-dessous toutes les cases qui s'appliquent à votre déclaration) :

Installation as noted below has been accepted on the basis of the Electrical Contractors certification.  
Les installations mentionnées ci-dessus ont été approuvées en raison de l'accréditation de l'entrepreneur en électricité.

Auth # • N° d'autorisation	Work description • Description des travaux	Contractor • Entrepreneur	Electrical inspector • Inspecteur
	<input type="checkbox"/> Temporary construction service Il s'agit d'une entrée électrique temporaire pour construction.	Signature/Date	Signature/Date
	<input type="checkbox"/> Rough wiring as noted below is ready for inspection Le câblage, à l'étape indiquée ci-dessous, est prêt pour l'inspection. <input type="checkbox"/> Slab • Dalle <input type="checkbox"/> Complete • Complet <input type="checkbox"/> U/G conduit • Canalisation souterraine <input type="checkbox"/> Partial • Partiel SPECIFY AREA • PRÉCISER L'ENDROIT	Signature/Date	Signature/Date
	<input type="checkbox"/> The permanent electrical service as noted below is ready for connection • L'entrée électrique permanente est prête pour le raccordement, tel qu'il est précisé ci-dessous. <input type="checkbox"/> Temporarily • Temporaire <input type="checkbox"/> Complete • Permanent <input type="checkbox"/> Service repair • Réparation <input type="checkbox"/> Service change from A to A Modification de l'entrée de _____ A à _____ A	Signature/Date	Signature/Date
	<input checked="" type="checkbox"/> All work has been completed Tous les travaux sont terminés. ALL circuits connected ALL circuits ont été branchés.	Signature/Date <i>Chad Harwood</i> <i>January 16, 2025</i>	Signature/Date

Service characteristics • Caractéristiques de l'entrée électrique				Additional comments • Commentaires
Amperes Ampères				Deficiencies corrected. Please charge credit on file for re-inspection fee. Thank you, Roneth.

## Zara.Dabana

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**From:** David.Eastland  
**Sent:** February 6, 2025 9:06 AM  
**To:** Shelby.Workman; Rick.Kent  
**Subject:** RE: Carmacks Generator

Thanks for this. I have filed in the Firehall folder on G drive.

I will hopefully get more clarity on the ATS timing issue and schedule to rectify in the next few days from CB/Arcrite. They said next week tentatively. According to SetPlan this is a simple programming change that the previous Arcrite Tech that was sent didn't have the skills to do.

Cheers,



**David Eastland**  
Project Manager  
Community Services | Infrastructure Development Branch  
T: 867-471-0353 | C: 867-332-9490  
[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)

---

**From:** Shelby.Workman <Shelby.Workman@yukon.ca>  
**Sent:** February 6, 2025 8:02 AM  
**To:** David.Eastland <David.Eastland@yukon.ca>; Rick.Kent <Rick.Kent@yukon.ca>  
**Subject:** Fw: Carmacks Generator

Fyi

Get [Outlook for iOS](#)

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**From:** Rebecca.Turpin <[Rebecca.Turpin@yukon.ca](mailto:Rebecca.Turpin@yukon.ca)>  
**Sent:** Thursday, February 6, 2025 7:49 AM  
**To:** Shelby.Workman <[Shelby.Workman@yukon.ca](mailto:Shelby.Workman@yukon.ca)>  
**Subject:** FW: Carmacks Generator

fyi

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**From:** Mark.Roberts <[Mark.Roberts@yukon.ca](mailto:Mark.Roberts@yukon.ca)>  
**Sent:** February 5, 2025 4:45 PM  
**To:** Damien.Burns <[Damien.Burns@yukon.ca](mailto:Damien.Burns@yukon.ca)>; Rebecca.Turpin <[Rebecca.Turpin@yukon.ca](mailto:Rebecca.Turpin@yukon.ca)>  
**Subject:** Fw: Carmacks Generator

FYI - Attached is the final inspection (passed) for the generator installed at the new Carmacks Firehall.

Complaints about the installation of this generator have been frequently raised in emails from 4 points electric (not involved in the project).

Mark

---

**From:** Hector.Lang <[Hector.Lang@yukon.ca](mailto:Hector.Lang@yukon.ca)>  
**Sent:** Wednesday, February 5, 2025 14:52  
**To:** Mark.Roberts <[Mark.Roberts@yukon.ca](mailto:Mark.Roberts@yukon.ca)>  
**Subject:** Carmacks Generator

Hi Mark,

Here is the inspection report for the Carmacks Generator.

Hector



**Hector Lang**

Director

Box 2703 C-8, Whitehorse, YT Y1A 2C6

Community Services | Protective Services | Building & Safety Standards

T 867-456-6596 | C 867-332-4828 | F 867-393-6249 | [Yukon.ca](http://Yukon.ca)

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# INSPECTION REPORT

## RAPPORT D'INSPECTION

Permit Number  
Permis n°

2024-1651-E

Type of Inspection : Commercial - Final Re-inspections 1 Date of Inspection January 27, 2025  
 Type d'inspection : Commercial - Final Réinspections 1 Date de l'inspection January 27, 2025

Inspection Status: Passed No Violations Inspected By: Logan Collins  
 État de l'inspection : Passed No Violations Inspecté par: Logan Collins

Name of Owner : VILLAGE OF CARMACKS Name of Contractor : ARCRITE NORTHERN LTD  
 Nom du propriétaire : VILLAGE OF CARMACKS Nom de l'entrepreneur : ARCRITE NORTHERN LTD

Legal Description : Plan: 2006-0169 Block: N/A Lot: 181 Quad No: N/A Address of Proposed Work : 197 River Drive, Carmacks  
 Désignation officielle : Plan: 2006-0169 Block: N/A Lot: 181 Quad No: N/A Lieu des travaux projetés : 197 River Drive, Carmacks

Project Description : Install new generator in fire hall  
 Description du projet : Install new generator in fire hall

### Instructions • Instructions

Pictures of corrections sent in

### Deficiencies • Travaux non conformes

Checklist Item • Élément de liste de vérification	Status • État	Deficiency • Travail non conforme	Status • État
Other	Pass	CE Code Rule 12-906 (1) Bushings or equivalent means required on rigid conduit where it enters ATS.	Corrected
Other	Pass	CE Code Rule 2-024 (1) Bonding lug in generator disconnect only suitable for use with a single conductor per manufacturers instructions. Additional lug required for termination of second bonding conductor.	Corrected

This report only contains information about permits that have been issued. Government of Yukon offers no warranties about the completeness of this report. It does not contain information about investigations, stop work orders, un-permitted installations or activities. The inspections undertaken by the Government of Yukon are made on the basis of visual observations of readily apparent circumstances and made only to satisfy the requirements of the relevant permit. The issuance of a final inspection is not a warranty or assessment about the suitability or fitness for a purpose of any permitted construction or installation. In consideration of the receipt of this report you waive any claim against Government of Yukon resulting from your reliance on the information in this report. For properties in the City of Whitehorse, purchasers may wish to contact the City of Whitehorse.

Les renseignements contenus dans le présent rapport concernent uniquement les permis qui ont déjà été délivrés. Le gouvernement du Yukon ne donne aucune garantie en ce qui concerne le caractère exhaustif du rapport. Le rapport ne contient pas d'information sur des enquêtes, des ordres de suspension de travaux, des installations ou activités réalisées sans permis. Les inspections menées par le gouvernement du Yukon sont effectuées au moyen d'un examen visuel de conditions facilement observables, et ce, uniquement aux fins de satisfaire aux exigences associées au permis. La présentation d'un rapport d'inspection final n'est pas une garantie ni une opinion quant à la pertinence ou à la conformité, relativement à son usage, d'une construction ou d'une installation réalisée en vertu d'un permis. En recevant le présent rapport, vous renoncez à intenter toute poursuite contre le gouvernement du Yukon pour des dommages pouvant résulter de l'utilisation de l'information contenue dans le rapport. S'il s'agit d'une propriété située à Whitehorse, l'acheteur est invité à communiquer avec la Ville de Whitehorse.

If you wish to receive this information in French, please contact the Whitehorse Building Safety Office.

Si vous souhaitez recevoir l'information contenue dans le présent rapport en français, veuillez communiquer avec le bureau de la Sécurité des bâtiments, à Whitehorse.

Whitehorse  867-667-5741  
 Dawson City  867-993-5803

F 867-393-6249  
 F 867-993-6031

Whitehorse  
Dawson City

 867-667-5741  
 867-993-5803

TÉLÉC. 867-393-6249  
 TÉLÉC. 867-993-6031

Watson Lake

867-536-2736

@buildingsafety@gov.yk.ca

F 867-536-2716

Watson Lake

867-536-2736

@buildingsafety@gov.yk.ca

TÉLÉC. 867-536-2716

*\*Dans le présent document, les expressions désignant des personnes visent à la fois les hommes et les femmes.*

YG611 Rev. 02/2015

## Zara.Dabana

---

**From:** David.Eastland  
**Sent:** February 11, 2025 10:00 AM  
**To:** Shelby.Workman; Rick.Kent  
**Cc:** Micheal.Ukrainetz  
**Subject:** FW: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Rick and Shelby,

FYI. Bit of a generator update below.

It appears CB has upped their pressure on Arcrite to finish based on “other timelines” they state. I wonder what has changed on there end. I will talk to CB and get an update/plan on issuing final.

Thanks,



**David Eastland**  
Project Manager  
Community Services | Infrastructure Development Branch  
T: 867-471-0353 | C: 867-332-9490  
[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)

---

**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>  
**Sent:** February 11, 2025 7:21 AM  
**To:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>; Inman, Ted <[ted.inman@clarkbuilders.com](mailto:ted.inman@clarkbuilders.com)>  
**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Ryan, They are saying they think it is a setting on the Generator Controller. We don't have the software to adjust advanced settings on the Generator Controller. I wish we could have adjusted it on site while the Total Power Technician was here commissioning. He asked the Engineers Representative if the setting was ok, and they said it was good. So, I have made an account with the software company and need to download the software on to a laptop. Total Power will talk us through making the adjustments on site over the phone.

Regards,

Steve MacNicol RSE

Project Manager/Estimator

p. (867)-668-3053

c. (867)-335-1898

f. (867)-667-4301

email: [s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)

email: [Projects@arcritenorthern.com](mailto:Projects@arcritenorthern.com)

Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

## *Arcrite Northern Ltd*



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**From:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Sent:** Monday, February 10, 2025 4:47 PM

**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve

<[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>; Inman, Ted <[ted.inman@clarkbuilders.com](mailto:ted.inman@clarkbuilders.com)>

**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Thanks Steve, what is the fix that Total Power recommended?

Ryan Nichols, P. Eng.  
780.297.5197

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**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Sent:** Monday, February 10, 2025 2:16 PM

**To:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve

<[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>; Inman, Ted <[ted.inman@clarkbuilders.com](mailto:ted.inman@clarkbuilders.com)>

**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Ryan, I am going to try and get Andrew up this week to get the delay issue fixed. Attached is a Draft copy of the O&M's. Roneth has Dorward down as the Engineer. I will have that corrected, but in the mean time can we get these reviewed.

Thanks,

Steve MacNicol RSE

Project Manager/Estimator

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email: [Projects@arcritenorthern.com](mailto:Projects@arcritenorthern.com)

Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

*Arcrite Northern Ltd*



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**From:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Sent:** Monday, February 10, 2025 1:57 PM

**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>; Inman, Ted <[ted.inman@clarkbuilders.com](mailto:ted.inman@clarkbuilders.com)>

**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Steve,

Any update on this from Total Power? We need to get this closed out as we have other timelines running that require final turnover and acceptance of the generator.

Thanks,

**Ryan Nichols**, P. Eng., Senior Project Manager  
C: 780.297.5197



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---

**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Sent:** Thursday, January 30, 2025 8:14 AM

**To:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>  
**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Guys, Total Power is working with us to resolve the delay issue. We have a passed final electrical inspection. So now we just need to get the LOA for the final submittal. The delays on the ATS all appeared to be correct. We are now going to adjust the delays and programming on the generator controller. We are trying to get access to the software to plug into the controller with a laptop to adjust the fields. It should be stated that this all could have been taken care of during commissioning when the technician was on site. I spoke with him and he asked the Engineer if he was ok with the 20 Second delay and was told it was ok. That being said, we should have a guy going back up that way next week to service other generators. I am hoping we will have an account approved so we can access the software and make the adjustments and get this one put to bed.

Thanks,

Steve MacNicol RSE

Project Manager/Estimator

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email: [Projects@arcritenorthern.com](mailto:Projects@arcritenorthern.com)

Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

*Arcrite Northern Ltd*



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**From:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Sent:** Wednesday, January 29, 2025 10:56 AM

**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>

<[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>

**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Ryan and Steve,

This is unfortunate. Hopefully, there is a simple solution for this to meet the CSA and Yukon Technical Safety Standard.

Do you have any updates/direction from Total Power to provide yet after speaking with them?

Let me know what the next steps are as soon as you can.

Regards,



**David Eastland**

Project Manager

Community Services | Infrastructure Development Branch

T: 867-471-0353 | C: 867-332-9490

[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)

---

**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Sent:** January 23, 2025 8:35 AM

**To:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>

**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Ryan, My technician was up in Carmacks on Tuesday and tried to get the Generator to take load with in the requested 15 Seconds as per the Yukon Standard. We were only able to achieve 20 Seconds as per the Commissioning report. I have reached out to Total Power to look into how we can get this load acceptance time to 15 Seconds Max. I will call them today for an update on this. The commissioning technician that was here raised the question to the Set Plan Representative on if he was ok with the Load Acceptance timing and at that time during commissioning, he said that it was acceptable. I was hoping that the ATS settings were off, but they are all good. Now it is up to Total Power to come up with a solution. Once they figure out how to achieve the 15 Second Max, we will send our technician back up the highway to fix it. I will update once I speak with Total Power.

Thanks,

Steve MacNicol RSE

Project Manager/Estimator

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Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

## *Arcrite Northern Ltd*



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**From:** Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Sent:** Thursday, January 23, 2025 8:19 AM

**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>; Specht, Steve <[steve.specht@clarkbuilders.com](mailto:steve.specht@clarkbuilders.com)>

**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Steve,

Any update on this? Has Setplan seen and reviewed the update?

Thanks,

**Ryan Nichols**, P. Eng., Senior Project Manager

C: 780.297.5197



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Edmonton AB Canada T6H 5P9

[clarkbuilders.com](http://clarkbuilders.com)



---

**From:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Sent:** Monday, January 20, 2025 11:12 AM

**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>

**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Steve and Ryan,

Just looking to confirm if this got completed last week with videos/pictures sent to Setplan and the Inspector.

Let me know.

Thanks,



**David Eastland**  
Project Manager  
Community Services | Infrastructure Development Branch  
T: 867-471-0353 | C: 867-332-9490  
[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)

---

**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Sent:** January 8, 2025 2:35 PM

**To:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>

**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi David, We will be heading back up to Carmacks next week to clean up the Electrical Inspection Report deficiencies and adjust the Load Acceptance Timing to 15 Seconds. We will take video to provide proof of the change.

Thanks,

Steve MacNicol RSE

Project Manager/Estimator

p. (867)-668-3053

c. (867)-335-1898

f. (867)-667-4301

email: [s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)

email: [Projects@arcritenorthern.com](mailto:Projects@arcritenorthern.com)

Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

*Arcrite Northern Ltd*



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**From:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>  
**Sent:** Tuesday, January 7, 2025 11:59 AM  
**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>  
**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hello Ryan and Steve,

Do we have any updates or schedule on when Arcrite is able to get back to site and finalize this?

Regards,



**David Eastland**  
Project Manager  
Community Services | Infrastructure Development Branch  
T: 867-471-0353 | C: 867-332-9490  
[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)

---

**From:** Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>  
**Sent:** December 10, 2024 2:51 PM  
**To:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>  
**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Steve,

The 20 secs issue is a compliance item according to Yukon Technical standards article 3.2.4 and CSA C282 article 6.4.

**3.2.4.** All generators, regardless of category, will be designed and tested at the time of commissioning to the CSA C282 standard.

## 6.4 Power supply performance

### 6.4.1

The following shall apply to a generator set of an emergency electrical power supply system:

- a) It shall be capable of starting and reaching a stabilized speed and voltage condition within
  - i)  $\pm 2\%$  of its rated values in order to meet the times specified in Item b); and
  - ii)  $\pm 1\%$  of its rated values in order to meet the times specified in Item b) where a generator set is required for emergency power supply to essential electrical systems in conformance with CSA Z32.

- b) Except as specified in Items c) and d), an emergency electrical power supply system shall be connected to life safety equipment (see Clause 4.1) and to fuel transfer pumps, ventilation fans, and similar equipment essential for the operation of the emergency electrical power supply system within
  - i) 15 s of loss of normal power; and
  - ii) 10 s of loss of normal power where an emergency electrical power supply system is required for emergency power supply to vital loads of the essential electrical systems in conformance with CSA Z32.

**Note:** Where the emergency electrical power supply system is comprised of more than one generator, it is not intended by the requirements of Item b) to mandate connection of all generators on site within specified times.

- c) Connections to firefighters' elevators, elevators serving storeys above the first storey in a high building, and smoke-venting fans may be delayed up to 60 s.
- d) Non-emergency loads may be connected to the emergency electrical power supply system at any time, provided that they do not adversely affect operation of the system.

**Note:** Non-emergency loads are equipment or systems connected to the emergency electrical power supply system but not required by the NBCC to be connected or not defined as essential electrical system loads by CSA Z32 or not essential to the operation of the generator and its engine. They can include

- a) storm water pumps and sewage pumps;
- b) telecommunications and data-processing equipment;
- c) building heating, cooling, and ventilation systems;
- d) security systems; and
- e) refrigerated and frozen food storage and preparation equipment.

Setplan recommends 15 seconds as its in strict compliance with CSA C282 6.4.1(b)(i) but it could be relaxed with permission from Yukon government PM to be under article 6.4.1(d) instead as the generator set technically does not serve any emergency loads.

If the timing can simply be set back to the 15 sec that would be great for compliance with CSA C282 6.4.1(b)(i), we would appreciate a second look at the timers for the transfer switch and generator when you are there onsite for the close permit items.

Otherwise, please submit a request in writing to PM - David Eastland and copy Setplan for permission to allow for generator to start under CSA C282 Article 6.4.1(d) (ie 20 secs).

I will await your submittals next week and issue close out schedule as soon as possible.

Thanks,



## TYLER DAVIDSON, P. ENG.

SENIOR ELECTRICAL ENGINEER

📞 250-532-1545

✉️ tyler@setplan.ca

📍 Victoria, BC

🌐 setplan.ca

**Holiday Alert:** Please note that Setplan Engineering LTD offices will be closed for business December 21<sup>th</sup> through January 5<sup>th</sup>, inclusive.

**From:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>

**Sent:** Tuesday, December 10, 2024 12:25 PM

**To:** Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>; David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>

**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>

**Subject:** Re: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi Tyler, I received the inspection report from Scott and we have a couple of deficiencies to complete to get the electrical permit closed. I am working on the O&M Manual and should have that next week. I am working on getting the Seismic Report for the Generator. Do we know if 20Seconds is ok with Yukon Technical Authority or do you have a contact there I can talk to?

Thanks,

Steve MacNicol RSE

Project Manager/Estimator

p. (867)-668-3053

c. (867)-335-1898

f. (867)-667-4301

email: [s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)

email: [Projects@arcritenorthern.com](mailto:Projects@arcritenorthern.com)

Website: [www.arcritenorthern.com](http://www.arcritenorthern.com)

*Arcrete Northern Ltd*



---

**From:** Tyler Davidson <[tyler@setplan.ca](mailto:tyler@setplan.ca)>  
**Sent:** Thursday, December 5, 2024 4:46 PM  
**To:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>  
**Subject:** RE: SP0524.00 - Carmacks Firehall Gen - Close Out Documents

Hi David,

Please see below for **updated** close out requirements:

- Close out submittal Requirements (Emailed Sept 26<sup>th</sup>):
  - Generator Specific O&M Manual – 26 32 10 1.11 and hard copies as per 1.17 – **Incomplete**
    - Source Quality Control testing from factory – 26 32 10 **1.4.7.4** and 1.19 – **Incomplete**
    - Generator seismic – 26 32 10 1.5 – **Incomplete**
    - Spare materials sign off as per 26 32 10 1.18 – **Incomplete**
    - ~~Generator Operational Testing(1hr)~~ 26 32 10 2.20.5 and 3.3 **UPDATE 20241120 – page 14 of SAT report**
- 5. Demonstration:
  - a. Demonstrate on loss of normal power, the unit starts and load is transferred to t
    - i. Time for unit to start and accept build load: 20 SEC  
**15 secs is required by CSA 282 unless 20 secs is accepted by Yukon Technical authority.**
  - ~~Transfer switch Operational testing~~ 26 36 23 3.2 **UPDATE 20241120 – page 9 of SAT report**
  - ~~Demonstration records~~ 26 32 10 2.20.6 and 3.6 **UPDATE 20241120 – page 21 of SAT report**
  - ~~Generator Load Testing(4hr)~~ 26 32 10 2.20.7 and 3.4 **UPDATE 20241120 – page 12 of SAT report**
  - Provide 1-year basic installation warranty and include the 5 year manufacture warranty information. – **Incomplete**

~~Contracting team is copied and can correct me if there are any further delays to muffler install.~~ **UPDATE 20241125 – Exhaust extension installed picture below.**



Nov 18<sup>th</sup> I can close project and issue project LOA Close if all deliverables are met the previous week.  
**UPDATE 20241205 – I can sign off once completed O&M manual is received and the 20sec timing is either corrected or accepted.**

Thanks,



**TYLER DAVIDSON, P. ENG.**  
SENIOR ELECTRICAL ENGINEER

📞 250-532-1545  
✉️ tyler@setplan.ca  
📍 Victoria, BC  
🌐 setplan.ca

---

**From:** Tyler Davidson  
**Sent:** Thursday, November 7, 2024 1:36 PM  
**To:** David.Eastland <[David.Eastland@yukon.ca](mailto:David.Eastland@yukon.ca)>  
**Cc:** T-Square Architecture Ltd. <[tsquarearch@gmail.com](mailto:tsquarearch@gmail.com)>; Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>; Nichols, Ryan <[ryan.nichols@clarkbuilders.com](mailto:ryan.nichols@clarkbuilders.com)>  
**Subject:** SP0524.00 - Carmacks Firehall Gen - Field Report FRE-02

Hi David,

Please see latest field report FRE-02. Here is current schedule and deliverables:

- End of Week 12th Nov 2024:
  - Submission of all close out material and final muffler installation and adjustments.
- Close out submittal Requirements (Emailed Sept 26<sup>th</sup>):
  - Generator Specific O&M Manual – 26 32 10 1.11 and hard copies as per 1.17

- Source Quality Control testing from factory – 26 32 10 [1.4.7.4](#) and 1.19
- Generator seismic – 26 32 10 1.5
- Spare materials sign off as per 26 32 10 1.18
- Generator Operational Testing(1hr) 26 32 10 2.20.5 and 3.3
- Transfer switch Operational testing 26 36 23 3.2
- Demonstration records 26 32 10 2.20.6 and 3.6
- Generator Load Testing(4hr) 26 32 10 2.20.7 and 3.4
- Provide 1-year basic installation warranty and include the 5 year manufacture warranty information.

Contracting team is copied and can correct me if there are any further delays to muffler install.

Nov 18<sup>th</sup> I can close project and issue project LOA Close if all deliverables are met the previous week.

Thanks,



**TYLER DAVIDSON, P. ENG.**

SENIOR ELECTRICAL ENGINEER

📞 250-532-1545

✉️ tyler@setplan.ca

📍 Victoria, BC

🌐 setplan.ca

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1

2

L3



FOR

An aerial photograph of a winding road through a dense forest. The word "SAFETY" is written in large, white, block letters that follow the curve of the road. The road is a dark grey or black asphalt, and the surrounding forest is a mix of dark and light green tones. The perspective is from above, looking down the length of the road.





RC





## Zara.Dabana

---

**From:** Arcrite Permits <Permits@arcritenorthern.com>  
**Sent:** January 27, 2025 9:36 AM  
**To:** Scott.McLennan  
**Cc:** Building Safety; Steve Macnicol  
**Subject:** Re: Re-inspection for Final Declaration (2024-1651-E)  
**Attachments:** 1000013717.jpg

Hi Scott,

Please see picture you requested in the previous email.

Thank you,

**Roneth Ann Cueva**  
Arcrite Northern Ltd.  
105 Platinum Road  
Whitehorse YT Y1A 5M3  
(867)668-3053  
[info@arcritenorthern.com](mailto:info@arcritenorthern.com)  
[r.cueva@arcritenorthern.com](mailto:r.cueva@arcritenorthern.com)

---

**From:** Scott.McLennan <Scott.McLennan@yukon.ca>  
**Sent:** Thursday, January 16, 2025 2:59 PM  
**To:** Arcrite Permits <permits@arcritenorthern.com>  
**Subject:** RE: Re-inspection for Final Declaration (2024-1651-E)

Please submit photos of all bushings installed; please note rigid conduit also enters at the bottom left of the ATS from the LBs.

Regards,



**Scott McLennan**  
Electrical Inspector  
Community Services | Building Safety  
T 867-667-5741 | C 867-332-4819 | Yukon.ca

Confidentiality Warning: This message and any attachments are strictly for the use of the intended recipient(s), is confidential, and may be privileged. If you are not the intended recipient, please notify the sender immediately by return email, and delete this message and any attachments from your system without making copies. Thank you.

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**From:** Building Safety <BuildingSafety@yukon.ca>  
**Sent:** Thursday, January 16, 2025 2:33 PM  
**To:** Logan.Collins <Logan.Collins@yukon.ca>; Scott.McLennan <Scott.McLennan@yukon.ca>  
**Subject:** FW: Re-inspection for Final Declaration (2024-1651-E)

---

**From:** Arcrite Permits <[Permits@arcritenorthern.com](mailto:Permits@arcritenorthern.com)>  
**Sent:** January 16, 2025 2:15 PM  
**To:** Building Safety <[BuildingSafety@yukon.ca](mailto:BuildingSafety@yukon.ca)>  
**Cc:** Steve Macnicol <[s.macnicol@arcritenorthern.com](mailto:s.macnicol@arcritenorthern.com)>  
**Subject:** Re-inspection for Final Declaration (2024-1651-E)

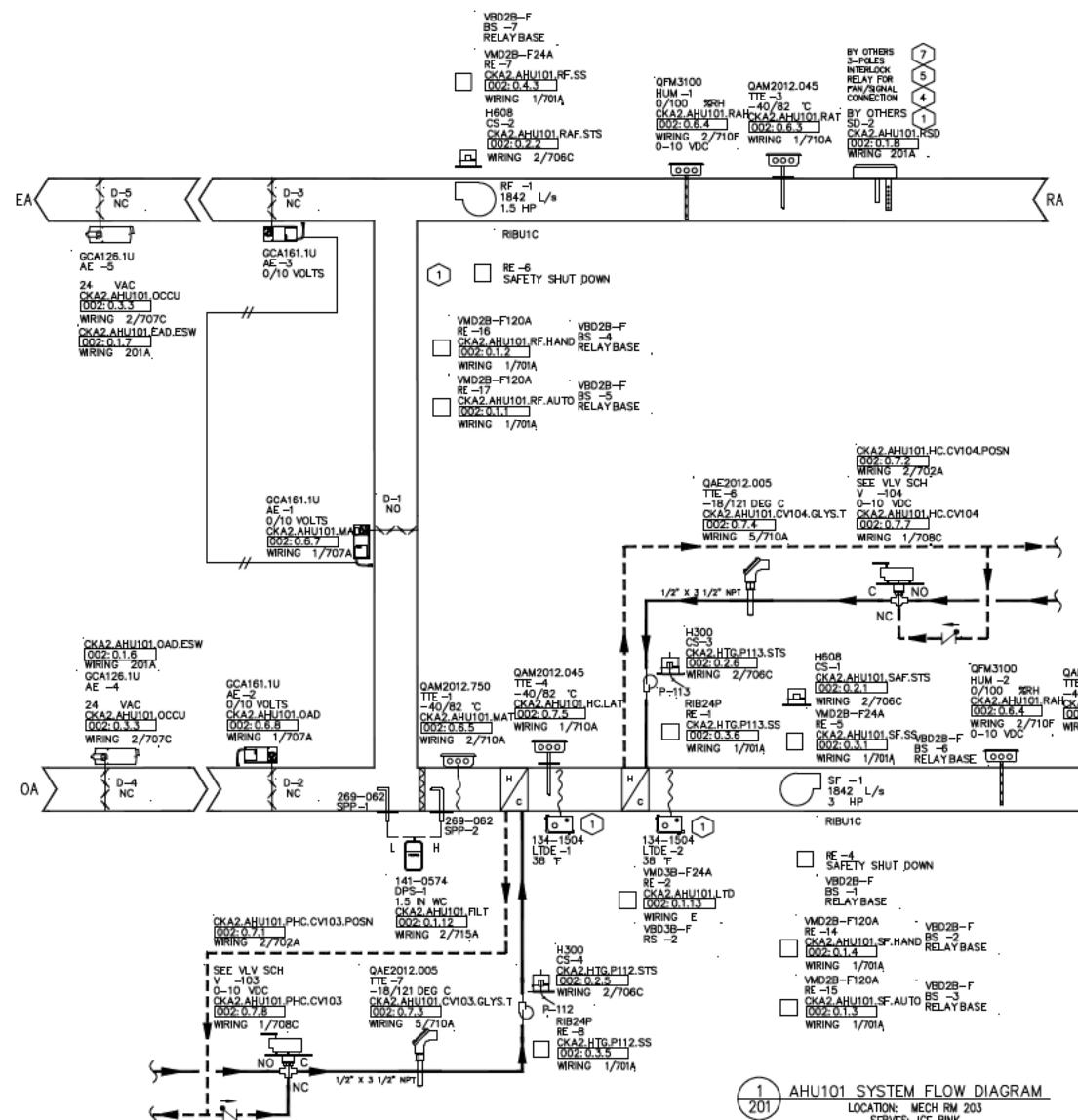
Hi,

Please see attached document and photos. For the reinspection fee, can you please charge it to our credit card on file.

Thank you,

**Roneth Ann Cueva**  
Arcrite Northern Ltd.  
105 Platinum Road  
Whitehorse YT Y1A 5M3  
(867)668-3053  
[info@arcritenorthern.com](mailto:info@arcritenorthern.com)  
[r.cueva@arcritenorthern.com](mailto:r.cueva@arcritenorthern.com)





**From:** [Hector.Lang](#)  
**To:** [Mark.Roberts](#)  
**Subject:** Carmack Generator inspection report  
**Date:** January 15, 2025 2:50:00 PM  
**Attachments:** [InspectionReport Carmacks Generator.pdf](#)

---

Hi Mark,

Attached is the inspection report for the Carmacks generator. My understanding is that the contractor will be there at some point this week to fix the deficiencies. Photos of the corrections are acceptable in this situation as they are minor issues.

Hector

March 5, 2025

Government of Yukon  
Department of Community Services  
307 Black Street  
Whitehorse YT Y1A 2N1

Via Email to: [damien.burns@yukon.ca](mailto:damien.burns@yukon.ca)

Attention: Mr. Damien Burns  
Deputy Minister

**Subject: Alleged Design Issues from Four Point Electric Inc.  
New Firehall and Arena, Carmacks, YT**

Although we have received a copy of your October 30, 2024 letter to Derek Andrews (see attached) advising that his public safety concerns have been addressed, we are conducting our own due diligence with respect to the Engineering Profession Act. Mr. Andrews has filed several complaints of “Unskilled Practice” against several of our members related to the Carmacks Firehall and Carmacks Arena.

Could you please confirm that alleged design issues with the Firehall backup generator and the Arena moisture ventilation have been rectified, and that the buildings have all the required occupancy permits from the Authority Having Jurisdiction (Building and Electrical Inspection)?

We would appreciate your immediate reply to this request as we need to respond to the public safety related complaints from Derek Andrews as a “concerned member of the public”.

Thanks in advance for your attention to this.

Yours sincerely,



**Richard Trimble, P.Eng.**  
Registrar  
Engineers Yukon

[registrar@engineersyukon.ca](mailto:registrar@engineersyukon.ca)  
[www.engineersyukon.ca](http://www.engineersyukon.ca)

**From:** [Mark.Roberts](#)  
**To:** [Hector.Lang](#)  
**Subject:** FW: Request from Engineers Yukon - Carmacks Firehall and Arena  
**Date:** March 6, 2025 11:50:31 AM  
**Attachments:** [Engineers Yukon Letter to Damien Burns - Carmacks Firehall and Arena.pdf](#)  
[InspectionReport - Carmacks Generator.pdf](#)  
[Image001.png](#)  
**Importance:** High

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Hi Hector

See attached request for:

*Could you please confirm that alleged design issues with the Firehall backup generator and the Arena moisture ventilation have been rectified, and that the buildings have all the required occupancy permits from the Authority Having Jurisdiction (Building and Electrical Inspection)?*

I have the final electrical inspection (attached)– but can you pls send the final occupancy permit (and any other permits for the building?). If not final yet, then the latest version/status would be helpful.

Need to send this back to engineers Yukon today.

Thanks,

mark



**Mark Roberts**  
Assistant Deputy Minister, Protective Services  
Government of Yukon | Community Services  
Phone: 867-335-2387

---

**From:** Damien.Burns <Damien.Burns@yukon.ca>  
**Sent:** Wednesday, March 5, 2025 9:42 PM  
**To:** Mark.Roberts <Mark.Roberts@yukon.ca>  
**Cc:** Rebecca.Turpin <Rebecca.Turpin@yukon.ca>; Michelle.Coombs <Michelle.Coombs@yukon.ca>  
**Subject:** Fw: Request from Engineers Yukon - Carmacks Firehall and Arena

Please develop response as required.

This may require multiple branches to develop but will ask Mark to please lead the development of the reply.

Please treat as high priority.

Thank you.

Damien

Get [Outlook for iOS](#)

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**From:** Engineers Yukon Registrar <[registrar@engineersyukon.ca](mailto:registrar@engineersyukon.ca)>  
**Sent:** Wednesday, March 5, 2025 7:37:12 PM  
**To:** Damien.Burns <[Damien.Burns@yukon.ca](mailto:Damien.Burns@yukon.ca)>  
**Cc:** Kimberley King <[kking@engineersyukon.ca](mailto:kking@engineersyukon.ca)>; Aurora L. Faulkner Killam <[afk@coxtaylor.ca](mailto:afk@coxtaylor.ca)>; Bill Spinks <[bspinks@engineersyukon.ca](mailto:bspinks@engineersyukon.ca)>  
**Subject:** Request from Engineers Yukon - Carmacks Firehall and Arena

You don't often get email from [registrar@engineersyukon.ca](mailto:registrar@engineersyukon.ca). [Learn why this is important](#)

Damien:

Please see attached letter that contains a request for information from Engineers Yukon. Your response to this will help Engineers Yukon deal with a couple of complaints related to a perceived public safety issue.

Thanks in advance,  
Richard

**J. Richard Trimble, FEC, P.Eng.**

**Registrar**

**Engineers Yukon**

Suite 205 - 104 Elliott Street  
Whitehorse, YT Y1A 0M2  
(867) 334-1640 (cell)  
[www.engineersyukon.ca](http://www.engineersyukon.ca)

# INSPECTION REPORT

## RAPPORT D'INSPECTION

Permit Number

Permis n°

2024-1651-E

Type of Inspection : Commercial - Final Re-inspections 1 Date of Inspection January 27, 2025

Inspection Status: Passed No Violations Inspected By: Logan Collins

Name of Owner : VILLAGE OF CARMACKS Name of Contractor : ARCRITE NORTHERN LTD

Legal Description : Plan: 2006-0169 Block: N/A Lot: 181 Quad No: N/A Address of Proposed Work : 197 River Drive, Carmacks

Project Description : Install new generator in fire hall

### Instructions • Instructions

Pictures of corrections sent in

### Deficiencies • Travaux non conformes

Checklist Item • Élément de liste de vérification	Status • État	Deficiency • Travail non conforme	Status • État
Other	Pass	CE Code Rule 12-906 (1) Bushings or equivalent means required on rigid conduit where it enters ATS.	Corrected
Other	Pass	CE Code Rule 2-024 (1) Bonding lug in generator disconnect only suitable for use with a single conductor per manufacturers instructions. Additional lug required for termination of second bonding conductor.	Corrected

This report only contains information about permits that have been issued. Government of Yukon offers no warranties about the completeness of this report. It does not contain information about investigations, stop work orders, un-permitted installations or activities. The inspections undertaken by the Government of Yukon are made on the basis of visual observations of readily apparent circumstances and made only to satisfy the requirements of the relevant permit. The issuance of a final inspection is not a warranty or assessment about the suitability or fitness for a purpose of any permitted construction or installation. In consideration of the receipt of this report you waive any claim against Government of Yukon resulting from your reliance on the information in this report. For properties in the City of Whitehorse, purchasers may wish to contact the City of Whitehorse.

Les renseignements contenus dans le présent rapport concernent uniquement les permis qui ont déjà été délivrés. Le gouvernement du Yukon ne donne aucune garantie en ce qui concerne le caractère exhaustif du rapport. Le rapport ne contient pas d'information sur des enquêtes, des ordres de suspension de travaux, des installations ou activités réalisées sans permis. Les inspections menées par le gouvernement du Yukon sont effectuées au moyen d'un examen visuel de conditions facilement observables, et ce, uniquement aux fins de satisfaire aux exigences associées au permis. La présentation d'un rapport d'inspection final n'est pas une garantie ni une opinion quant à la pertinence ou à la conformité, relativement à son usage, d'une construction ou d'une installation réalisée en vertu d'un permis. En recevant le présent rapport, vous renoncez à intenter toute poursuite contre le gouvernement du Yukon pour des dommages pouvant résulter de l'utilisation de l'information contenue dans le rapport. S'il s'agit d'une propriété située à Whitehorse, l'acheteur est invité à communiquer avec la Ville de Whitehorse.

If you wish to receive this information in French, please contact the Whitehorse Building Safety Office.

Si vous souhaitez recevoir l'information contenue dans le présent rapport en français, veuillez communiquer avec le bureau de la Sécurité des bâtiments, à Whitehorse.

Whitehorse       867-667-5741  
Dawson City       867-993-5803

F 867-393-6249  
F 867-993-6031

Whitehorse  
Dawson City

 867-667-5741  
 867-993-5803

TÉLÉC. 867-393-6249  
TÉLÉC. 867-993-6031

Watson Lake

867-536-2736

@buildingsafety@gov.yk.ca

F 867-536-2716

Watson Lake

867-536-2736

@buildingsafety@gov.yk.ca

TÉLÉC. 867-536-2716

*\*Dans le présent document, les expressions désignant des personnes visent à la fois les hommes et les femmes.*

YG611 Rev. 02/2015



14144 Middle Bench Rd, Lake Country,  
British Columbia V4V 2B9  
T: 236.578.2001 | F: 236.578.2004

Status: Open

RFI #: 055

## RFI

To Whidden Construction Group	
RFI 055	
Subject Exterior Humidity Sensor Damaged	
Drawing	Spec Section 25 05 10
Cost Impact <input type="radio"/> None <input checked="" type="radio"/> Yes	
Schedule Impact <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> Critical Path	
Request Humidity sensor is not designed to have direct water running on it. Lack of roof gutters are the route cause of this. FPEI are requiring a CR to replace the sensor along with a protective hood installed above it.	
Requested by Derek Andrews	

### Response



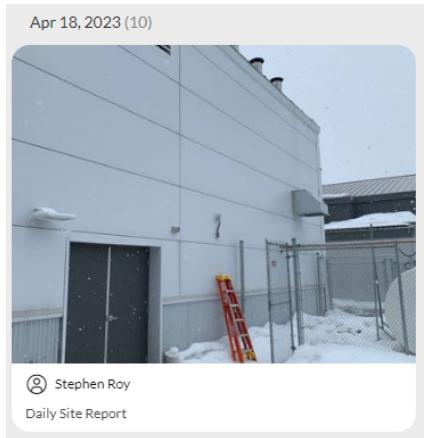
Stephen Roy  
Daily Site Report



Stephen Roy  
Daily Site Report



Stephen Roy  
Daily Site Report



Stephen Roy  
Daily Site Report