

Overhead Bay Door; Northville Fire Station  
 GM BluePlan Engineering Project # 521045  
 9575 Port Franks Rd, Thedford, ON N0M 2N0  
 Construction Budget Summary  
 September 23, 2022



Description	Construction Budget September 23, 2022	
Allowance Summary	\$ -	
General Conditions Allowance	\$ 15,800.00	
Temporary Hoarding (exterior opening)	\$ 3,000.00	
Cutting & Patching - Architectural / Structural	\$ 16,930.00	
Miscellaneous Items	\$ 2,950.00	
Rough Carpentry	\$ 4,250.00	
Subtrades/Suppliers	\$ 69,932.15	
<b>Subtotal (1)</b>	<b>\$ 112,862.15</b>	
Construction Contingency Allowance (5%)	\$ 5,644.00	
Liability Insurance	\$ 600.00	
<b>Subtotal (2)</b>	<b>\$ 119,106.15</b>	
Construction Management Services	\$ 17,865.92	
<b>Total Construction Budget (Excluding HST)</b>	<b>\$ 136,972.07</b>	
Harmonized Sales Tax (13%)	\$ 17,807.00	
<b>Total Construction Budget (Including HST)</b>	<b>\$ 154,779.07</b>	

**Notes:**

Budget based on work started and completed Fall 2022

Building Permit is Not Included  
 Development Levy is Not Included  
 Design Contingency Allowance is Not Included  
 Escalation Allowance is Not Included  
 FF&E Allowance is Not Included  
 Builders Risk Insurance is Not Included  
 Performance or Labour & Material Payment Bonds Not Included  
 Site Security Guard Services Are Not Included  
 Rigging/Setup of Owner Supplied Equipment is Not Included  
 Positive Dewatering System is Not Included  
 Asbestos Abatement and Removal of Designated Substances is Not Included  
 Fire Protection/Sprinklers of Existing Building Areas is Not Included  
 Audio/Visual Systems; Communications; Security; and Access Control is Not Included  
 Irrigation Systems are Not Included

**Document Release:**

GM BluePlan Engineering Drawings "Issued For Tender"

**Date of Documents**

May 26, 2022

Overhead Bay Door; Northville Fire Station  
 9575 Port Franks Rd, Thedford, ON N0M 2N0  
 Subcontractor Summary

	Subcontractors	Construction Budget September 23, 2022
	Structural and Interior Selective Building Demolition	\$ 7,665.00
	Slab Repairs	\$ 1,750.00
	Shoring/Bracing	\$ 3,875.00
	Cast-In-Place Concrete Remedial work and Anchor Bolts	\$ 1,155.00
	Structural Steel; and back to back angle bracing "Broeders"	\$ 9,200.00
	Reinstate Steel Siding and Add Metal Flashings	\$ 3,525.00
	Attic Insulation reinstate / vapour barrier	\$ 900.00
	Overhead Door c/w opener "Easy Lift Doors"	\$ 7,788.00
	Modification to existing truck exhaust system - Nederman Quotation # GCLAQ6273	\$ 28,674.15
	Electrical -surface conduit power feed operator/relocation Nederman equipment/removals	\$ 5,400.00
	<b>Subtotal Subcontractors</b>	<b>\$ 69,932.15</b>

**Overhead Bay Door; Northville Fire Station**  
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**General Conditions**

	Description	Budget
General	Supervision, incl. Vehicle & Phone	4,000.00
Conditions	Fuel & Travel (See CM Fee)	600.00
	Pre-Engineering	-
	Field Engineering (Barricades; Scaffold; Layout)	1,200.00
	Temporary Power & Light (use existing)	-
	Temporary Water (use clients)	-
	Environmental	3,200.00
	Dewatering	-
	Site Office (Within Building) (See CM Fee)	See CM Fee
	Site Internet/Email/Emergency Phone	See CM Fee
	Tree Protection - Encl.	-
	Sanitation Services (use clients)	-
	Site Enclosure/Access/Storage/Move Materials	500.00
	Safety Program/Barricades/Railings/Traffic Control	400.00
	Signage (project/directional/safety)	200.00
	Miscellaneous Daily Site Clean-Up/Disposal	900.00
	Final Clean	300.00
	COVID-19 Safety Protocols (Additional Sanitation; Cleaning)	-
	Temporary Protection	300.00
	As Built / CAD Documents (excluded)	-
	Printing/Advertising Tender Packages/Documents	-
	Advertising for Substantial Performance	-
	Laydown Area & Restoration	-
	Miscellaneous Hoisting/Offloading (trade lift)	4,000.00
	Miscellaneous Small Hand-Tools	-
	Miscellaneous Trucking	200.00
	Progress Photos	See CM Fee
	<b>Total General Conditions Summary</b>	<b>\$ 15,800.00</b>



**Project:** Northville Fire Station Renovation

**Date:** August 11, 2022

**Customer:** D. Grant

**Attention:** Darrell Gerrits

We are pleased to submit our offer for the following work, described within.

**As per Drawings:**

Drawing 1 to 4, rev 2, Issued for Tender, dated 05/26/2022

**Included for Supply and Installation of Structural Steel:** as noted on drawings

- **Overhead Door Framing** – Supply and installation of (2) W6x15 columns, (1) W8x15 beam and (2) welded back-to-back angle braces fastened to existing wood trusses for new overhead door.  
**Note:** Manlift for steel installation to be provided by GC.

**Included for Supply Only of Structural Steel:** as noted on drawings

- **Cast in Anchor Bolts** – Supply only of (4) cast in anchor bolts.

**General Notes:**

- Stamped engineered shop drawing(s) for steel to steel connections only included in Lot Price.
- All materials for all structural steel will be primed painted unless noted otherwise.
- All field work to be completed within the time period of Monday to Friday, 7:30am to 3:30pm.
- Weekend hours (Saturday and Sunday) **NOT included** in Lot Price.

**Exclusions:**

- All existing spray fireproofing to be removed by others prior to new steel placement or reinforcing.
- All mechanical and electrical services in areas of new steel framing that will interfere to be removed by others.
- ✓ Removal and replacement of existing ceiling and insulation as required to install the angle bracing on the top of the bottom chord of the trusses, by General Contractor.
- ✓ General Contractor to provide fire watch.
- All existing finishes to be protected by general contractor.
- Plywood floor covering and taped joints to be provided by others. Fire blankets will be used as required.
- • All temporary shoring to be designed and installed by others.
- • Manlift provided by others.



**Project:** Northville Fire Station Renovation

**Broeders Steel Lot Price Conditional Notes:**

1. Structural steel prices including steel joists and metal deck are subject to change upon the current price daily revisions from the steel mills at time of production/fabrication. If additional steel costs are incurred, an extra may be submitted accordingly.
2. Steel items may or may not be available from the mill at time of ordering. Materials may be possible to receive but will be subject to the mills production schedule and supply.
3. Due to our current and ever changing COVID restrictions the construction schedule/fabrication/installation may be affected or delayed.
4. Broeders Steel will not be bound to delay claims due to the current and ongoing COVID situation.

**LOT PRICE**

**\$9,200.00 + HST**

Nine Thousand and Two Hundred Dollars + HST

**See Also Broeders Steel Lot Price Conditional Notes:**

Quotation is valid for 10 days

HST not included.

Project Breakdown	
Structural Steel	\$9,200.00
Total	\$9,200.00+HST

Upon acceptance of this quote, please sign and date. Included PO and return to **Broeders** via fax (519)237-3811 or email [kyle@broeders.ca](mailto:kyle@broeders.ca) and p\_sterkenburg@hay.net

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

PO#: \_\_\_\_\_

Please call 519-237-3211 if you have any questions in regards to this quotation.

Sincerely,

Peter Broeders, President  
Kyle Impens, Project Manager  
Paul Sterkenburg, Estimator





## Easy Lift Doors Ltd.

515 James St. S.

St. Marys, ON

N4X 1C7

www.easyliftdoors.com

PH: (519) 349-2355

FX: (519) 349-2144

1-800-667-3845

angelat@easyliftdoors.com

Celebrating 47 Years  
1974-2021

# Estimate

Estimate: # 45494

Date: 6/16/2022

Terms: Net 30

PH: 519-238-5020 Fire hou

Cell: 519-238-8396 Jerry ho

FX: 519-238-5070

EMAIL: jrvanbruaene@hotmail...

PO #

Project:

NORTHVILLE FIRE HALL

Qty	Description	Unit Cost	Total
	JOB SITE LOCATION - 9575 PORT FRANKS RD, THEDFORD Chief Lawrence Swift, Lambton Shores 519-630-2794 Chief Jerry VanBrueaene, Grand Bend 519-476-0758 ***Revision June 22, 2022		
1	SUPPLY AND INSTALL a 14'-0" wide X 12'-0" high Richards Wilcox Thermatite T-175 steel insulated sectional door including: SECTIONS pre-finished white, galvanized steel skins polyurethane insulation (R-16.4) CFC free thermally broken and individually weather-stripped 16-gauge galvanized steel end caps HARDWARE 3" industrial quality hardware standard lift tracks (18" headroom required) heavy weight galvanized track mounts, *11-gauge roller hinges & ball bearing rollers *tempered torsion springs (25,000 cycle design) *arctic grade weather-strip (alum retainer & double vinyl seal) model 1102 *bulb type bottom seal with aluminum retainer *1 1/2" X 1 1/2" 14-gauge galvanized track hanger angles *steel strut wind braces as needed for 20 PSF *solid steel torsion shaft and steel coupling *=upgraded components from industry standard	5,782.00	5,782.00
4	SUPPLY AND INSTALL a thermopane window, 24" X 12", BLACK PVC frame (price per window) ALLOW 3' PER WINDOW	110.00	440.00
NOTE: HST applies to all selected items		<b>Total</b>	

This estimate is subject to job site inspection and is only valid for 7 days (price increase may apply after 7 days).

HST # 132954835





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FX: 519-238-5070

EMAIL: jrvanbruaene@hotmail...

PO #

Project:

NORTHVILLE FIRE HALL

Qty	Description	Unit Cost	Total
1	SUPPLY AND INSTALL a Liftmaster model H-75-1L5 - 3/4 H.P., 110-volt, 1 phase continuous duty industrial, JACKSHAFT type, electric operator including built-in emergency chain hoist, wall mounted push button controls, adjustable friction clutch, solenoid brake, heavy angle frame, infra red safety eyes. NOTE: Electric power supply outlet is required by others. (Model H-75-1L5) Includes FOUR 1-button remotes & Pusher Springs  NOTE: This quote includes a detailed list of quality components, inspection, travel, labour, freight, insurance, current WSIB account, tools, lift equipment, trained experienced employees & 30 days credit. - Steel manufacturers are issuing notices of possible price increases coming this year. Our quotes are good for 7 days. **Quote pricing subject to site visit  HST (ON) on sales	2,006.00          13.00%	2,006.00          1,069.64       \$8,228.00
NOTE: HST applies to all selected items		<b>Total</b>	<b>\$9,297.64</b>

This estimate is subject to job site inspection and is only valid for 7 days (price increase may apply after 7 days).

HST # 132954835



## QUOTATION

**Sold To:** D. Grant Construction Limited  
**Contact:** Darrell Gerrits  
**Address:** 9887 Longwoods Road  
  
**City:** London  
**Province:** ON  
**Postal Code:** N6P 1P2  
**Email:** dgerrits@dgrantconstruction.com  
**Phone:** (519) 652-2949  
**Fax:**

Date	Quote #
August 25, 2022	GCLAQ6273

<u>Sales Rep</u>	<u>Terms</u>	<u>Ship Via</u>
Guy Arsenault	Net 30	<b>As per P.O.</b>
Industry Code- Mandatory		
<u>HVRS</u>		
Order Type - Mandatory		
<u>CIB</u>		

PROJECT: Northville Fire Hall Expansion

Sir / Madam, find below your cost for the Nederman equipment proposed. This quotation contemplates supply of equipment as quoted only.

All taxes and freight are extra.

Thank-you,

Guy Arsenault - Project Supervisor - 289-497-9734 - guy.arsenault@nederman.com  
cc: Keith Daly - Regional Sales Manager - Ontario

Qty	Nederman Part #	Description	Unit Price	Ext. Price
<b>New Rail 10m</b>				
0	20373810	EXISTING Qty. of 1: Nederman Section of Rail 920; 5m long. Does NOT include rubber lips.		
1	20813964	MagnaRail® 17' (5m) horizontal unit. <ul style="list-style-type: none"><li>• Busbar</li><li>• Brackets</li><li>• Trolley stop</li><li>• End caps</li><li>• Transformer</li></ul>		
1	20371698	Nederman Shock absorber for Trolley stop on exhaust rail 920. For speed 15 - 25 km/h. (To be fitted on the trolley stop at the end of the rail; where the disconnection takes place)		
0	20374246	EXISTING Qty. of 1: Top connection for MagnaRail® 920; 8"Ø (200mm) duct connection.		
1	20373822	Nederman Rubber lip 10 pair meter		
1	20373813	Nederman Joiner Kit for Rail 920; pack of 2		
3	20374026	Nederman Collector band complete; 2m (6.56') long. Includes frame; busbar and 8 spade connectors.		
1	20373811	Nederman Mounting bracket for exhaust rail 920; kit of 5 pcs.		

### Nederman products are covered by a one (1) year manufacturer limited warranty

All product, installation and service orders submitted to and accepted by Nederman Canada are subject to a 25% restocking fee if cancelled by the issuing company or one of its authorized partners.



Qty	Nederman Part #	Description	Unit Price	Ext. Price
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### Extraction Unit

0	20813464	EXISTING Qty. of 1: MagnaRail® Extraction unit. 6 1/4"Ø (160mm) x 10' (3m). • For low level (LL) exhaust pipes. • Trolley. • Balancer. • Shock absorber on trolley. • Electro-magnet assembly. • Anchor plate. • Disconnection box. • Does not include nozzle.
0	20802264	EXISTING Qty. of 1: HB Nozzle for low level (LL) exhaust pipes on MagnaTrack and MagnaRail system. 6 1/4"Ø (160mm) x 23" (600mm) long

### Fan and Controls

0	14514422	EXISTING Qty. of 1: Nederman Series N27 fan; 2 hp (1.5 kw); 230/1/60 Volt; UL/CSA
0	14510126	EXISTING Qty. of 1: Nederman Support bracket for fans N10; N16; N24; N27. Includes inlet adapter ø 160 mm (6") ; inlet and outlet guard net.

### INSTALLATION

1	GA2022-1273	Lot of Nederman QF ducting
1	20MEINST	Mechanical installation of the above equipment by Nederman factory trained technicians, including all ductwork, fittings and supports related to above Nederman equipment during regular weekday business hours. Based on clear access to site during regular weekday business hours.  EXCLUSIONS: roofing, wall / ceiling penetration, compressed air supply, fire protection, painting, make up air, removal and relocation of interferences, structural steel, modifications to owners equipment, permits and bonding.
1	20ELINST	Electrical installation of above exhaust fan(s), controls and/or starters by Nederman Master Electrician. Based on clear access to site during regular weekday business hours.  EXCLUSIONS: Line voltage to be terminated within 10 feet of all Nederman equipment BY OTHERS, with provision for control equipment  120 volt, 15 amp circuit required to supply the MagnaRails / MagnaTracks  Electrical tie in with non Nederman supplied electrical equipment, fire alarm systems, motorized dampers/louvers and other controls, permits and bonding.

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Qty	Nederman Part #	Description	Unit Price	Ext. Price
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#### **Nederman's Terms And Conditions:**

a) If no date is specified at the time of order, a system generated delivery date of Dec 31st will be assigned and confirmed. Once a client specified delivery date is provided, it will be changed and re-confirmed to the client.

b) Due to manufacturing and logistical planning, changes to delivery dates will not be accepted within ten (10) working days of the set delivery date.

c) Orders received with specified delivery dates or A.S.A.P. orders, will be delivered as per requested and as current inventory provides.

**F.O.B. our warehouse, Mississauga, ON, taxes extra**

**Quotation is valid for 30 days**

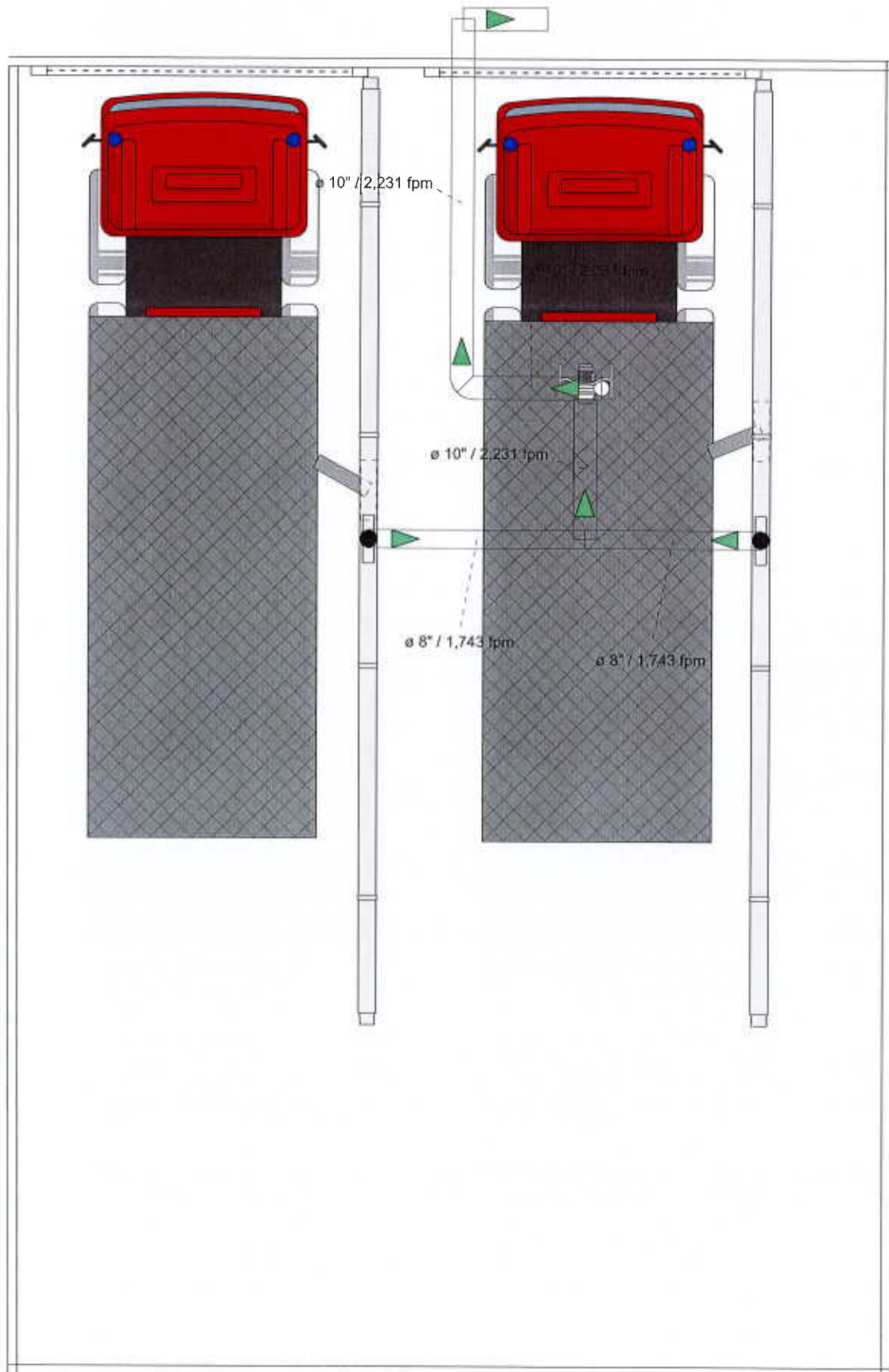
**Payment terms as quoted**

SubTotal \$28,674.15

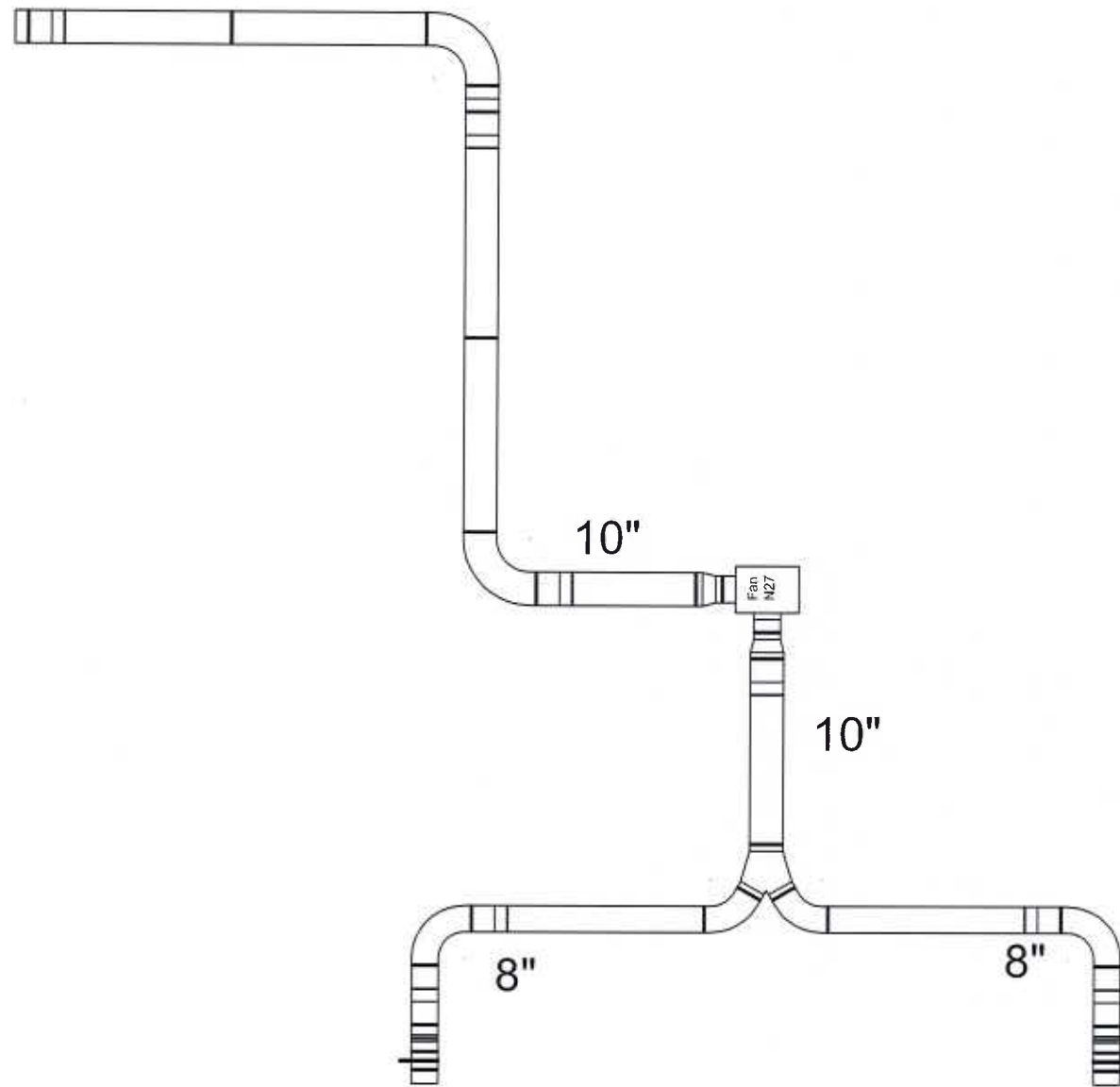
**Total \$28,674.15**

#### **Nederman products are covered by a one (1) year manufacturer limited warranty**

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# Northville Fire Hall QF Duct Layout



GA2022-1273

