

**NEW CONSTRUCTION  
835 NASHVILLE ROAD - KLEINBURG-NASHVILLE HERITAGE CONSERVATION  
DISTRICT, DESIGNATED UNDER PART V, ONTARIO HERITAGE ACT  
WARD 1 - VICINITY OF HUNTINGTON ROAD AND NASHVILLE ROAD**

**Recommendation**

The Director of Development Planning and the Manager of Urban Design and Cultural Heritage recommend:

1. THAT Heritage Vaughan recommend that Vaughan Council approve the proposed Fire Hall at 835 Nashville Road under Section 42 of the *Ontario Heritage Act*, subject to the following conditions:
  - a) That an Arborist Report and Landscape Plans and Details be submitted to the satisfaction of the Vaughan Development Planning Department, Urban Design and Cultural Heritage Division prior to the approval of a Heritage Permit.
  - b) Any significant changes to the proposal by the Owner, may require reconsideration by the Heritage Vaughan Committee, which shall be determined at the discretion of the Director of Development Planning in consultation with the Manager of Urban Design and Cultural Heritage.
  - c) The Owner must submit Building Permit stage architectural drawings and building material specifications to the satisfaction of the Vaughan Development Planning Department, Urban Design and Cultural Heritage Division for the approval of a Heritage Permit.

**Contribution to Sustainability**

This report is consistent with the goals and objectives within *Green Directions Vaughan*, the City's Community Sustainability and Environmental Master Plan, specifically:

Goal 4: To create a vibrant community where citizens, business and visitors thrive

*Objective 4.1: "To foster a city with strong social cohesion, an engaging arts scene, and a clear sense of its culture and heritage"*

**Economic Impact**

There are no requirements for new funding associated with this report.

**Communications Plan**

All materials related to the Heritage Vaughan Committee are posted on the City's website.

**Purpose**

The purpose of this report is to seek Heritage Vaughan approval of the recommendations to Vaughan Council for a proposed fire hall located at 835 Nashville Road. In accordance with the *Ontario Heritage Act*, all new construction within the Kleinburg-Nashville Heritage Conservation District requires Heritage Vaughan and Council approval.

## **Timeline**

This application is subject to the 90 day review under the Ontario Heritage Act. This application was declared complete on April 19, 2017, and must be deliberated upon by July 18, 2017, to meet the 90 day timeline.

## **Background**

The subject property is known municipally as 835 Nashville Road. It is located on the south side of Nashville Road, directly west of the rail line and east of Huntington Road, as shown in Attachment #1. The Nashville Village is comprised of predominantly of street-related residential development. The immediate area surrounding the subject property is characterized by the rail line intersection and commercial/agricultural uses.

The heritage character of Nashville Road is based on its historic role as a link between the villages, mills and railway, and the fact that it mostly lies on its original alignment. That alignment was established by the topography of the Humber River.

A Heritage Permit was issued by the Urban Design and Cultural Heritage Division in 2016 (File HP.2016-027-00) for the demolition of the two sheds on the subject property as part of the clean-up and preparation of the lot, which will be the location of the new fire hall. One of the two sheds was captured as part of the 2001 Built Heritage Inventory and its condition has continued to decline and is currently in a state of collapse.

## **Proposed New Construction**

The Owner is proposing a new 538 m<sup>2</sup> fire hall on the subject property. The proposed development consists of a central apparatus bay, a circulation atrium and associated office and fire hall uses, as shown on Attachment #3.

A Minor Variance application (File A091/17) has been submitted to increase the maximum permitted lot coverage on the subject lands from 20% to 25% and reduced building setbacks on the north, east and west sides of the property. This application is currently under review by the Development Planning Department.

## **Analysis**

The proposal is consistent with the following relevant Goals, Policies, and Guidelines of the Kleinburg-Nashville Heritage Conservation District Plan:

### *Section 5.2.5 Future Development in the District*

*To encourage new development that will enhance the heritage character of the District as infill construction on vacant lands and replacement construction or alterations to non-heritage buildings.*

- The proposed development is located on a lot that is located adjacent to the rail line and surrounding commercial/agricultural activities. The proposed development will enhance the character of the District, by introducing a community use that will improve the Nashville Road streetscape on vacant lands that are otherwise limited by the surrounding commercial/agricultural uses and the adjacent rail line.

*To guide new development so it can provide for contemporary needs, and to ensure its design will be compatible with and complementary to the character of the District and the heritage resources within.*

- The proposed fire hall will be located on vacant land that will provide a use for the contemporary needs to service the surrounding community.

### *Section 6.3 Policies for New Development*

*New development should be limited to vacant sites or to sites currently occupied by unsympathetic buildings. Even the most skillfully executed heritage-friendly building cannot replace the value of a real heritage building.*

- The proposed new development will be located on a vacant site.

*New development within the District should be consistent with the Guidelines in Section 9.5.*

- This is discussed under Section 9.5 – Architectural Style of this report.

The Kleinburg-Nashville Heritage Conservation District does not include applicable policies for proposed new institutional buildings. However, an analysis of related policies for new construction has been provided below for reference purposes.

#### *9.5.3.1 Residential Villages - Site Planning*

*Site new houses to provide setbacks that contrast with adjacent properties, in order to create the variety characteristics of the village.*

- The proposed front yard setback is 6 metres. The adjacent property located to the west does not have any buildings located on this site, and therefore does not have a building front yard setback to compare and contrast with the proposed development setbacks. The rail line right-of-way is located directly east of the subject property, and therefore does not have a building front yard setback to compare and contrast with the proposed development setbacks. The front yard setbacks on Nashville Road from the rail line to Huntington Road vary in distances, from approximately 0 metres (the Nashville Post Office) to 26 metres (975 Nashville Road), with a variety of different setbacks in between.

#### *9.5.3.2 Architectural Styles*

*Design houses to reflect one of the local heritage Architectural Styles.*

*Hybrid designs that mix elements from different historical styles are not appropriate. Historical styles that are not indigenous to the area, such as Tudor or French Manor, are not appropriate.*

*Use authentic detail, consistent with the Architectural Style. See Section 9.2.1.*

*Research the chosen Architectural Style. See Section 10 for useful research sources.*

- The proposed design (see Attachment #3) is contemporary in style and does not reflect a specific historical architectural style, as per Section 9.2.1. The proposed design is a result of the function of the fire hall and its internal layout. Due to the function of the proposed fire hall, there are limited precedents for the design to follow in terms of institutional buildings. Section 9.2.1 of the Kleinburg-Nashville Heritage Conservation District Plan references residential, agricultural and commercial buildings but does not make reference to institutional buildings. The proposed design is acceptable to Cultural Heritage Staff as it is designed to accommodate the function of a use that is unique to the District.

*Use appropriate materials. See Section 9.10.*

- The proposed red brick is in keeping with the appropriate materials palette as per Section 9.10.1.
- The following proposed materials are required for the function of the fire hall for the following reasons, as provided by the Owner:
  - Olive Arriscraft Renaissance Masonry Stone (at main entrance, apparatus bay and first three courses): creates two identifying locations for the building, particularly the apparatus bay that houses the response vehicles. This treatment is intended to give prominence and importance to this location.
  - Standing Seam Metal Roof (Regent Grey): as a post-disaster building, the standing seam metal roof is required due to its longevity and durability, which increases the durability of the overall structure. The lighter colour is required to minimize the heat island effect and increase the recycled material content.

### **Cultural Landscape**

A Landscape Plan and Details, prepared by a Landscape Architect, and an Arborist Report, prepared by a Certified Arborist, in conformity with the Kleinburg-Nashville Heritage Conservation District guidelines will be required as a condition of approval.

### **Relationship to Term of Council Service Excellence Strategy Map (2014-2018)**

This report relates to the Term of Council Service Excellence Strategy Map (2014-2018) by supporting the following initiatives:

- Invest, renew and manage infrastructure and assets
- Continue to ensure the safety and well-being of citizens
- Support and promote arts, culture, heritage and sports in the community

### **Regional Implications**

N/A

### **Conclusion**

The Urban Design and Cultural Heritage Division of the Development Planning Department is satisfied that the proposed fire hall at 835 Nashville Road conforms to the policies and guidelines of the Kleinburg-Nashville Heritage Conservation District Plan. Accordingly, staff can support Heritage Vaughan approval of the recommendations to Vaughan Council for the proposed new construction under the *Ontario Heritage Act*.

### **Attachments**

1. Location Map
2. Site Map
3. Architectural Drawings Package
4. Photos of Subject Property April 11, 2017

**Report prepared by:**

Shelby Blundell, Cultural Heritage Coordinator, ext. 8813  
Moir Wilson, Senior Urban Designer, ext. 8353

Respectfully submitted,

MAURO PEVERINI  
Director of Development Planning

ROB BAYLEY  
Manager of Urban Design and  
Cultural Heritage

/CM

Location Map



835 Nashville Road (outlined in yellow)

Site Map



**Barns Approved for Demolition  
(outlined in yellow)**



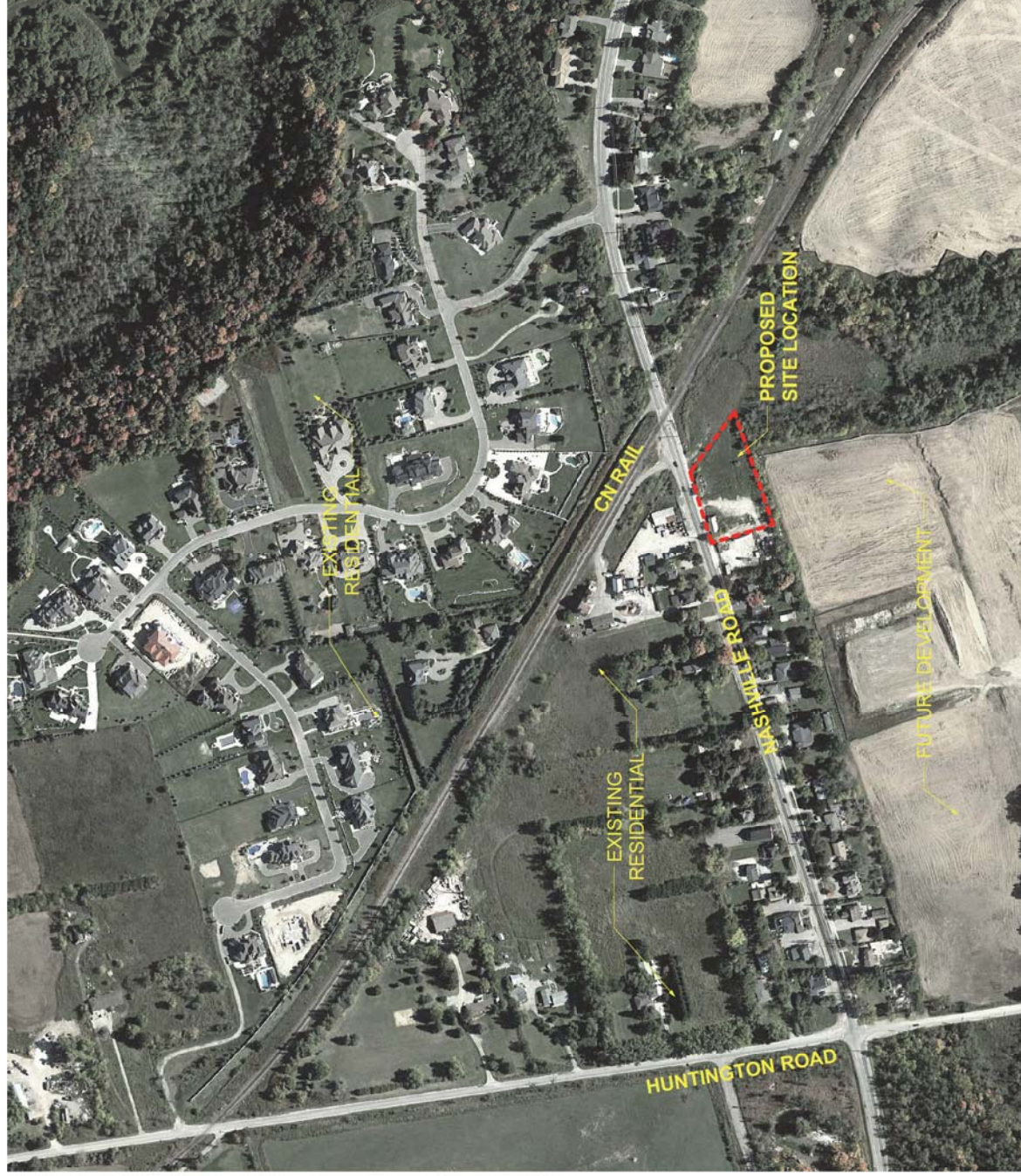


**CITY OF VAUGHAN FIRE STATION 7-4**

8335 NASHVILLE ROAD, VAUGHAN, ON







## WHERE

- PROPOSED SITE IS LOCATED WITHIN HERITAGE DISTRICT AT 835 NASHVILLE ROAD IN KLEINBURG
- PROPOSED SITE IS APPROX. 1 ACRE IN SIZE



## WHAT

- DESIGN OF NEW VAUGHAN FIRE STATION #7-4
- FIRE STATION WILL BE A SINGLE-STOREY WITH MEZZANINE, APPROXIMATELY 10,000sqft, WITH A BUILDING FOOT PRINT OF 9,000sqft
- CERTIFIED AT A MINIMUM OF LEED SILVER
- FIRE STATION WILL HAVE APPROX. 20 STAFF MEMEBERS ASSIGNED TO THE STATION, WITH 5 STAFF MEMEBERS ON-SITE AT ANY GIVEN TIME

## WHY

- DESIGN OF NEW VAUGHAN FIRE STATION #7-4 WITH BE REPLACING THE DECOMMISSIONED STATION #7-4 AT 10665 ISLINGTON AVE, KLEINBURG
- STATION WAS IN OPERATION FROM 1968 - 2013



## CONTEXT PLAN

CITY OF VAUGHAN FIRE STATION No. 7-4

835 NASHVILLE ROAD, VAUGHAN, ON

THOMASBROWN  
ARCHITECTS



KLEINBURG VILLAGE PRECEDENTS

RESIDENTIAL



PRIVATE DWELLING  
975 NASHVILLE ROAD, VAUGHAN, ON



PRIVATE DWELLING  
10384 ISLINGTON AVE, VAUGHAN, ON



PRIVATE DWELLING  
10555 ISLINGTON AVE, VAUGHAN, ON



PRIVATE DWELLING  
10535 ISLINGTON AVE, VAUGHAN, ON



PRIVATE DWELLING  
10640 ISLINGTON AVE, VAUGHAN, ON

INSTITUTIONAL



VELLORE PUBLIC SCHOOL  
9345 WESTON ROAD, VAUGHAN, ON



KLEINBURG YMCA CHILD CARE CENTRE  
10391 ISLINGTON AVE, KLEINBURG, ON



KLEINBURG UNITED CHURCH  
10418 ISLINGTON AVE, KLEINBURG, ON



VAUGHAN MEMORIAL HALL  
9541 WESTON ROAD, VAUGHAN, ON



UNKNOWN  
921 NASHVILLE ROAD, VAUGHAN, ON



McMICHEAL CANADIAN ART COLLECTION  
10385 ISLINGTON AVE, KLEINBURG, ON

HERITAGE PRECEDENTS

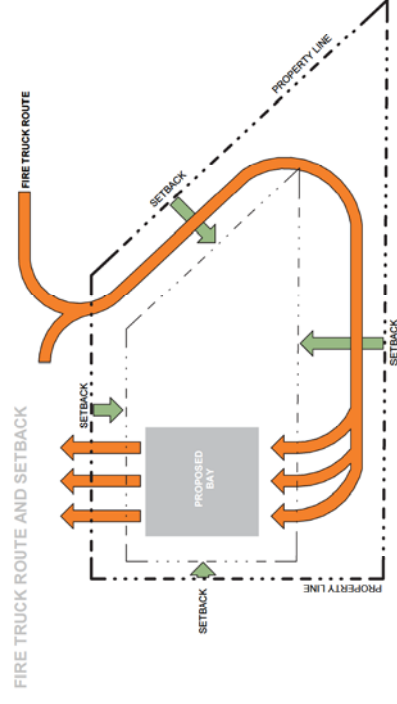
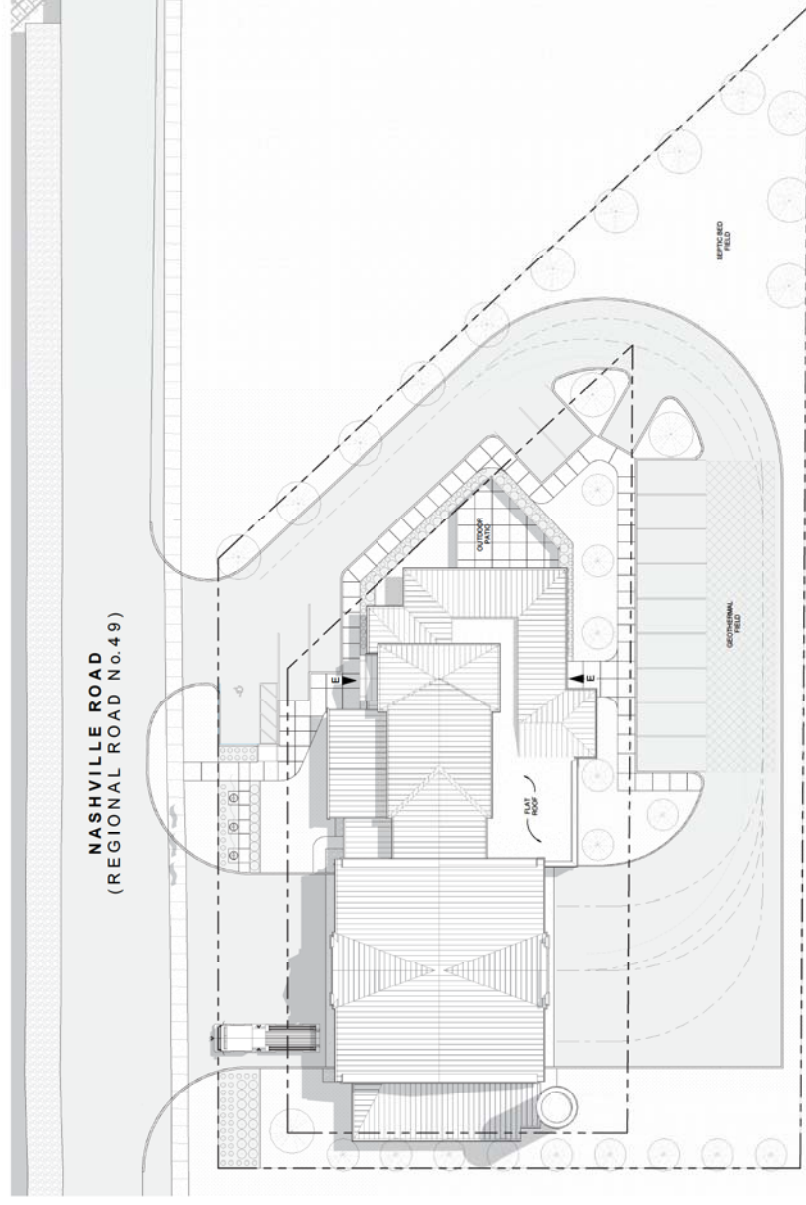
CITY OF VAUGHAN FIRE STATION No. 7-4  
835 NASHVILLE ROAD, VAUGHAN, ON

# SITE DESIGN LAYOUT

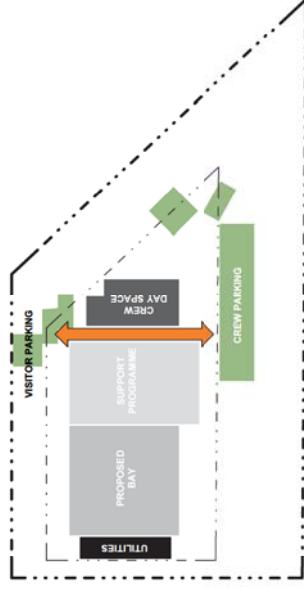
## SITE PLAN

THE SITE DESIGN FOR THE NEW VAUGHAN FIRE STATION 7-4 RESPONDS TO THE CITY OF VAUGHAN'S DESIGN GUIDELINES FOR FIRE STATIONS. THE FOLLOWING DESIGN OBJECTIVES OUTLINE THE CITY AND MAINTAINS THE FOLLOWING DESIGN OBJECTIVES:

- APPARATUS BAY IS ALIGNED WITH NASHVILLE ROAD TO OPTIMIZE ACCESS AND RESPONSE TIMES
- MAIN PUBLIC BUILDING ENTRANCE IS LOCATED ADJACENT TO VISITOR PARKING ENSURING A VISIBLE PRESENCE WITHIN THE COMMUNITY
- CREW PARKING IS LOCATED ON THE SOUTH SIDE OF THE SITE. ENTRY CONNECTION IS ALIGNED TO THE MAIN ENTRANCE, CREATING AN INTERIOR CIRCULATION NODE
- ENCLOSED PRIVATE PATIO IS LOCATED TO THE EAST SIDE OF THE CREW DAY SPACE. THE PATIO IS SCREENED FROM PUBLIC VIEW BY A WOOD PRIVACY FENCE AND PLANTING
- MAIN ENTRANCE IS CONNECTED TO THE PUBLIC SIDEWALK THROUGH HARD LANDSCAPING. THE LOT FRONTAGE IS SOFTENED BY A 3M DEEP LANDSCAPE BUFFER.



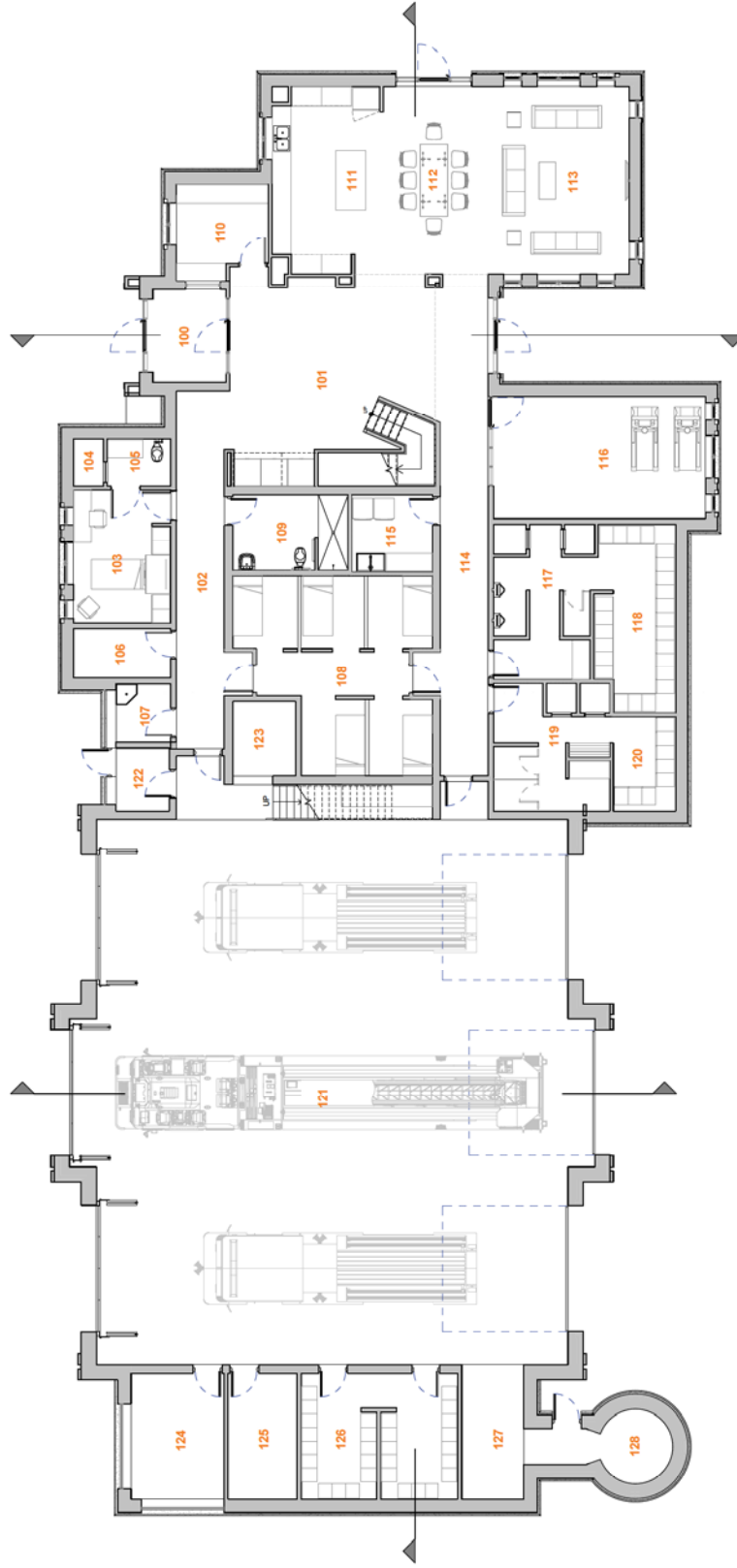
## CIRCULATION AND PROGRAMME



## SITE PLAN

CITY OF VAUGHAN FIRE STATION No. 7-4  
835 NASHVILLE ROAD, VAUGHAN, ON

THOMASBROWN  
ARCHITECTS



**SPATIAL PROGRAM**  
**NUMBER ROOM NAME**

100	VESTIBULE
101	CIRCULATION ATRIUM
102	ACCESS CORRIDOR
103	CAPTAINS OFFICE
104	SHOWER
105	WASHROOM
106	ELECTRICAL DEMARC ROOM
107	JANITORS CLOSET
108	DORMITORY
109	UNIVERSAL WASHROOM
110	RECEPTION
111	KITCHEN
112	DINING
113	CREW LOUNGE
114	ACCESS CORRIDOR
115	CLEAN LAUNDRY FACILITIES
116	FITNESS ROOM
117	MENS WASHROOM
118	LOCKERS
119	WOMENS WASHROOM
120	LOCKERS
121	APPARATUS BAY
122	VESTIBULE
123	DECON ROOM
124	SCBA ROOM
125	WET & DRY SPRINKLER ROOM
126	BUNKER GEAR RACKS
127	GEO THERMAL ROOM
128	HOSE TOWER
201	CONFERENCE ROOM
202	SERVICE CORRIDOR
203	M/E ROOM

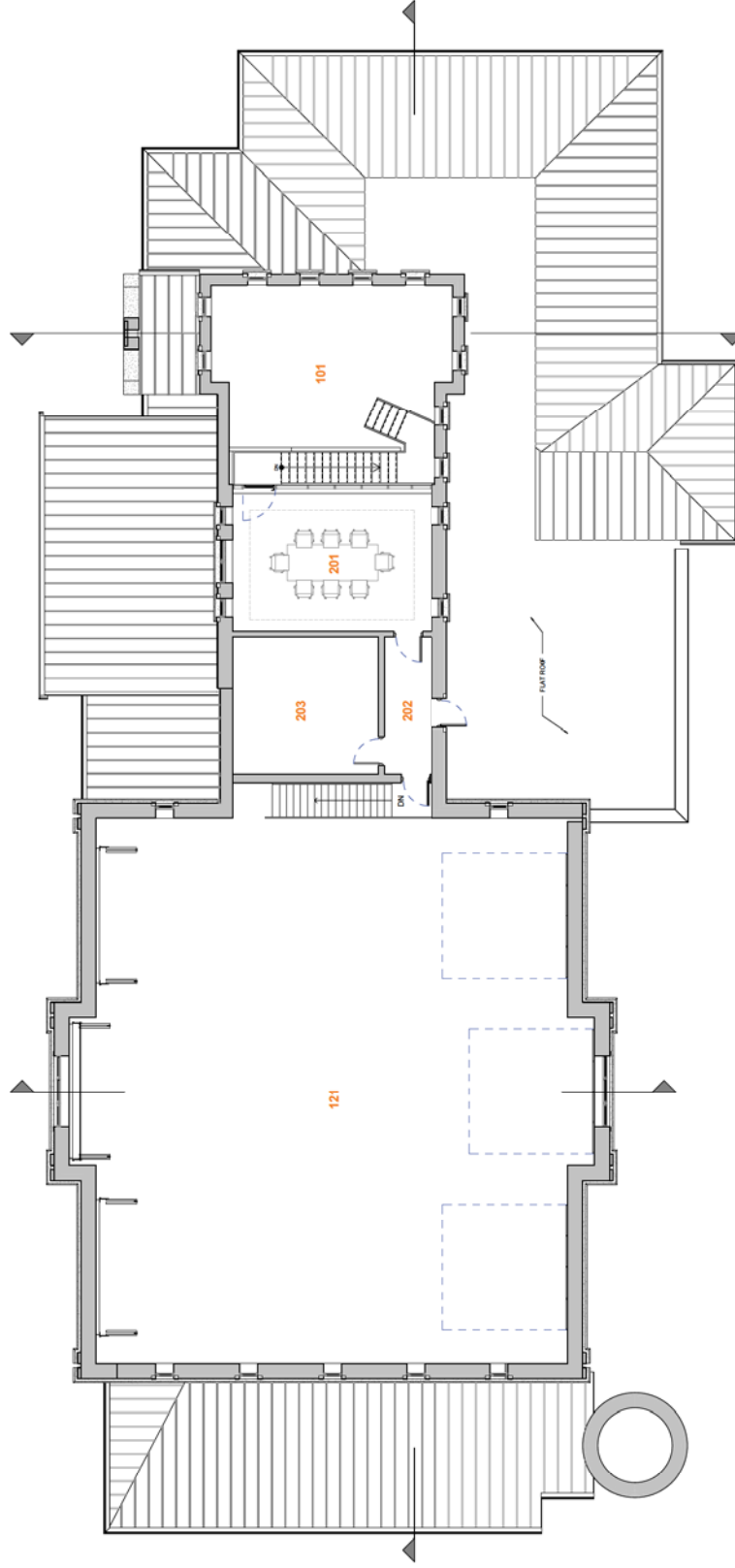


**GROUND FLOOR PLAN**

**CITY OF VAUGHAN FIRE STATION No. 7-4**

835 NASHVILLE ROAD, VAUGHAN, ON





**SPATIAL PROGRAM**  
**NUMBER ROOM NAME**

100	VESTIBULE
101	CIRCULATION ATRIUM
102	ACCESS CORRIDOR
103	CAPTAIN'S OFFICE
104	SHOWER
105	WASHROOM
106	ELECTRICAL DEMARC ROOM
107	JANITOR'S CLOSET
108	DORMITORY
109	UNIVERSAL WASHROOM
110	RECEPTION
111	KITCHEN
112	DINING
113	CREW LOUNGE
114	ACCESS CORRIDOR
115	CLEAN LAUNDRY FACILITIES
116	FITNESS ROOM
117	MENS WASHROOM
118	LOCKERS
119	WOMENS WASHROOM
120	LOCKERS
121	APPARATUS BAY
122	VESTIBULE
123	DECON ROOM
124	SCBA ROOM
125	WET & DRY SPRINKLER ROOM
126	BUNKER GEAR RACKS
127	GEO THERMAL ROOM
128	HOSE TOWER
201	CONFERENCE ROOM
202	SERVICE CORRIDOR
203	M/E ROOM



**MEZZANINE FLOOR PLAN**

**CITY OF VAUGHAN FIRE STATION No. 7-4**

835 NASHVILLE ROAD, VAUGHAN, ON

**THOMASBROWN**  
**ARCHITECTS**



LEVEL ABOVE GROUND 1000

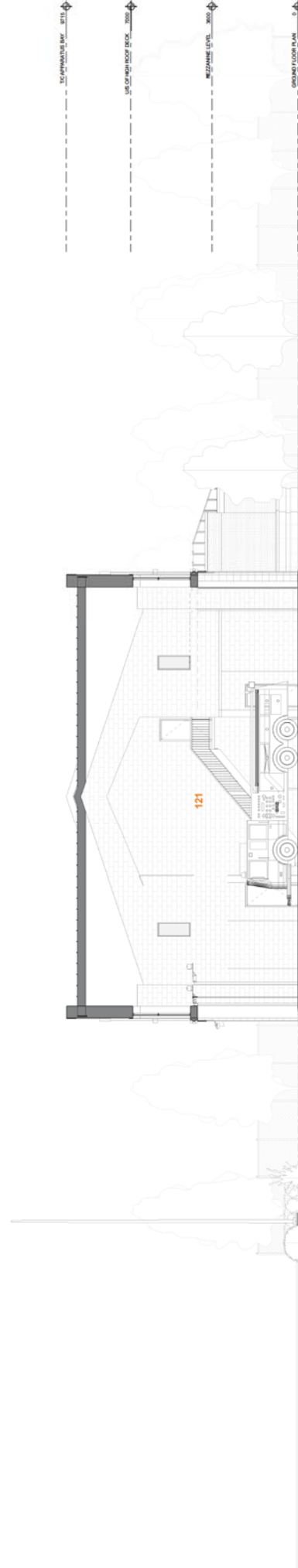
TO APPROPRIATE ROOF 875

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BUILDING SECTIONS

CITY OF VAUGHAN FIRE STATION No. 7-4  
835 NASHVILLE ROAD, VAUGHAN, ON

THOMASBROWN  
ARCHITECTS

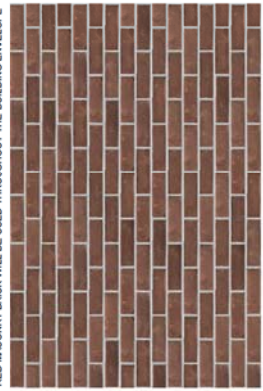




## BUILDING MATERIAL

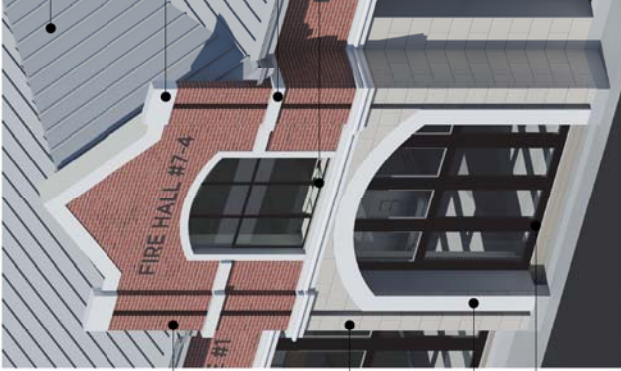
### RED MASONRY BRICK

RED MASONRY BRICK WILL BE USED THROUGHOUT THE BUILDING ENVELOPE



### OLIVE ARRISCAFT RENAISSANCE MASONRY STONE

STONE MASONRY IS UTILIZED AT MAIN ENTRANCE, APPARATUS BAY AND FIRST THREE COURSES



STANDING SEAM METAL ROOF

OLIVE ARRISCAFT CAST STONE

OLIVE ARRISCAFT CAST STONE

BLACK ALUMINUM WINDOWS

RED MASONRY BRICK

OLIVE ARRISCAFT RENAISSANCE MASONRY STONE

OLIVE ARRISCAFT CAST STONE

BLACK FOUR-FOLD DOORS

### STANDING SEAM METAL ROOF

STANDING SEAM METAL ROOF WILL BE USED ON ALL SLOPED ROOFS OF THE BUILDING. AS PART OF LEED, A LIGHT COLOR WILL BE USED, REGENT GREY, TO MINIMIZE HEAT ISLAND EFFECT AND INCREASE RECYCLED MATERIAL CONTENT

### ARCHITECTURAL TREATMENT

THE BUILDING MATERIALS AND FINISHES FOR THE FIRE STATION USES A DURABLE PALETTE OF BUILDING MATERIALS: STONE AND BRICK MASONRY, PRECAST STONE TRIM, STANDING SEAM METAL ROOF, AND ALUMINUM WINDOWS

THE MATERIAL APPLICATION MAINTAINS THE FOLLOWING OBJECTIVES:

- THE STONE MASONRY CREATES TWO IDENTIFYING LOCATIONS FOR THE BUILDING: THE MAIN ENTRANCE AND THE APPARATUS BAY THAT HOUSES THE RESPONSE VEHICLES. THE UTILIZATION OF THE STONE MASONRY AT THESE TWO LOCATIONS GIVES PROMINENCE AND THEIR IMPORTANCE IN THE TREATMENT OF CIVIC BUILDINGS IN CANADA.
- THE GARAGE DOORS WILL BE EQUIPPED WITH VISION GLASS ALLOWING FOR VISIBILITY INTO THE GARAGE AND PROVIDING A VIEW OF THE PUBLIC REAR AND THE FIRE DEPARTMENT AS IT SERVES THE COMMUNITY.
- FOR A POST-MASTER BUILDING, STANDING SEAM METAL ROOF IS UTILIZED FOR THE MATERIALS LONGEVITY AND DURABILITY. THIS INCREASES THE DURABILITY OF THE OVERALL BUILDING STRUCTURE.
- ALL WINDOW FRAMES WILL BE COMPOSED OF BLACK ANODIZED ALUMINUM. THIS ALLOWS THE WINDOW FRAME TO COMPLEMENT AND GIVE PROMINENCE TO THE ADJACENT MATERIALS, PRECAST FRAME AND BRICK.

## BUILDING SECTION & BUILDING MATERIAL REVIEW

### CITY OF VAUGHAN FIRE STATION No. 7-4

835 NASHVILLE ROAD, VAUGHAN, ON



NORTH ELEVATION



SOUTH ELEVATION

## BUILDING ELEVATIONS

**CITY OF VAUGHAN FIRE STATION No. 7-4**

835 NASHVILLE ROAD, VAUGHAN, ON



EAST ELEVATION



WEST ELEVATION

BUILDING ELEVATIONS

CITY OF VAUGHAN FIRE STATION No. 7-4

835 NASHVILLE ROAD, VAUGHAN, ON





EXTERIOR BUILDING PERSPECTIVE

CITY OF VAUGHAN FIRE STATION No. 7-4

835 NASHVILLE ROAD, VAUGHAN, ON

THOMASBROWN  
ARCHITECTS



EXTERIOR BUILDING PERSPECTIVE

CITY OF VAUGHAN FIRE STATION No. 7-4  
835 NASHVILLE ROAD, VAUGHAN, ON

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EXTERIOR BUILDING PERSPECTIVE

CITY OF VAUGHAN FIRE STATION No. 7-4

835 NASHVILLE ROAD, VAUGHAN, ON

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EXTERIOR BUILDING PERSPECTIVE

CITY OF VAUGHAN FIRE STATION No. 7-4  
835 NASHVILLE ROAD, VAUGHAN, ON

THOMASBROWN  
ARCHITECTS

**835 Nashville Road Frontage**



**North Side of Nashville Road**





**Nashville Road looking west from 835 Nashville Road**



**Nashville Road looking east towards 835 Nashville Road**



**835 Nashville Road**







## Adjacent Rail Line

