# salterpilonarchitecture

July 4<sup>th</sup>, 2024

Committee of Adjustment Town of Oakville

Re: Minor Variance Narrative – Oakville FH 9 – 4075 Sixth Line

We are writing to you concerning a Minor Variance application for the above noted property. The intent is to develop this property for the new Oakville Fire Hal #9. The facility will consist of a two truck, three bay fire station with accompanying crew quarters and a fire prevention office on the second floor. In the development of designs for this project the following variances from the zoning by-law were identified and form the basis of this application.

**Variance 1** – An increase in the maximum allowable parking spaces to allow for a total of 46 parking spaces on the property.

**Variance 2** – An increase in the maximum allowable front yard set back (Sixth Line) to 17m from the currently allowable 6m.

**Variance 3** – An increase in the maximum allowable flank yard set back (Loyalist Trail) to 29m from the currently allowable 6m.

### Variance 1 –

As a fire hall is not a defined building type within the by-law chart for determining parking rates the rate for unspecified uses is applied. This rate is 1 parking space per 30m2 of leasable floor area. Applying this logic to this proposal we come to a maximum of 28 or 38 parking spaces dependant on whether or not the Apparatus Bays are included in the leasable floor area. Regardless this amount falls below the required 46 spaces calculated for the operations of this facility based on the fire department and fire prevention uses. The 46 spaces can be broken down as follows.

Active-duty fire fighters – 20 spaces – These 20 spaces are allocated to the active duty fire crews serving the community at this station. The station is designed as a 2-truck station meaning a crew contingent of 10 could be on duty at any point in time. In order to ensure continuity of service there is an overlap at crew change meaning parking is required for double the crew contingent.

**Fire Prevention Officers and Staff – 15 spaces –** These spaces are allocated for the Fire Prevention Officers working out of the proposed facility on the second floor. The facility is designed for a maximum contingent of 15 employees within this division reporting to this station as a home base for their daily work.

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**Fire Prevention Fleet Vehicles – 9 spaces** – These parking spots are permanently allocated for the contingent of fleet vehicles used by the aforementioned Fire Prevention Officers.

**Visitor Parking – 2 spaces** – These spaces are allocated for individuals visiting the facility to meet with Fire Prevention Officers and staff or for visiting Chiefs and Deputies. 20 + 15 + 9 + 2 = 46 spaces required.

It is noted that enhanced landscape planting treatments are proposed at the perimeter of the parking along both Loyalist Trail and Sixth Line.

#### Variance 2 –

With Sixth Line being treated as the frontage of this facility an increase in building front yard setback is requested. Fire departments operationally require an apron at the front of their bays for the staging and maintenance of vehicles and as a buffer zone from when they turn out of the bays to when they enter the street on a call. The 6m maximum allowable setback under the zoning on our Frontage (Sixth Line) is not sufficient for these activities. We request an increase to 17m to permit the required function of the fire department.

#### Variance 3 –

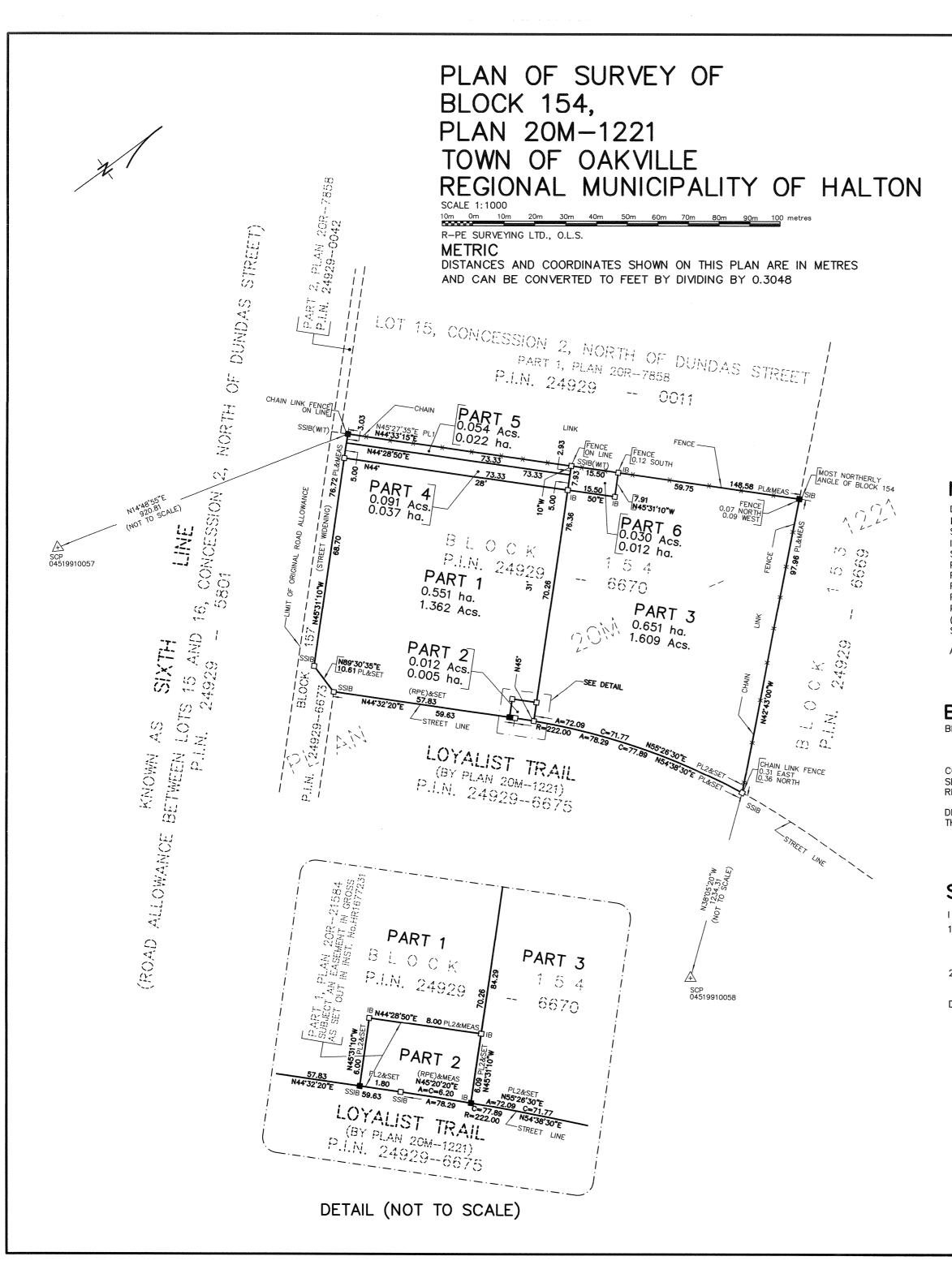
The flank yard setback is required in so much as the fire vehicles require space for maneuvering into the apparatus bays upon their return to site. Similarly, the truck bays need to be located as far as possible from nearby intersections to allow for proper clearing of vehicle queues to aid in response times and turnout. Pushing the facility to the North of the site allows for this distancing from the intersection and proper on-site maneuvering. For these reasons a 6m flank setback does not allow for the requirements of the fire department. We request an increase to 29m to permit these clearances from the intersection and proper maneuvering of the fire vehicles. We would also note that while the (I) Regs apply due to the nature of this development, based on SA zoning there would be no maximum flankage, only a minimum, and as such this variance would not be out of line with the expected development of this lot.

Thank you,

Brandon Bortoluzzi M.Arch., OAA Associate | Architect

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151 Ferris Lane, Suite 400, Barrie, ON L4M 6C1 M: 705.796.1312 O: 705.737.3530 ext.223 <u>salterpilon.com</u>



I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

DATE JUNE 18<sup>th</sup> 2020 C. P. EDWARD, O.L.S.

PLAN 20R-21701 RECEIVED AND DEPOSITED

REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF HALTON (No.20)

		SCHEDULE	
PART	BLOCK	PLAN	P.I.N.
1			
2			
3	ALL OF 154	20M-1221	ALL OF 24929–6670
4	134		
-5			
6			

PART 2 IS SUBJECT TO AN EASEMENT IN GROSS AS SET OUT IN INST. No. HR1677231.

## NOTES

	DENOTES	MONUMENT SET
	DENOTES	MONUMENT FOUND
SIB	DENOTES	STANDARD IRON BAR
IB	DENOTES	IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
PB	DENOTES	PLASTIC BAR
PL	DENOTES	PLAN 20M-1221
PL1	DENOTES	PLAN 20R-7858
PL2	DENOTES	PLAN 20R-21584
P.I.N.	DENOTES	PROPERTY IDENTIFIER NUMBER
(WIT)	DENOTES	WITNESS
ŠCP Ś	DENOTES	SPECIFIED CONTROL POINT

ALL FOUND MONUMENTS BY R-PE SURVEYING LTD., O.L.S.

## **BEARING NOTE**

 BEARINGS ARE GRID, UTM
 ZONE 17, NAD83 (ORIGINAL), DERIVED FROM:

 SCP 04519910057
 NORTH 4815688.659
 EAST 600772.625

 SCP 04519910058
 NORTH 4815641.283
 EAST 601939.858

COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999707.

# SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON THE \_13 DAY OF \_JUNE\_, 2020.

DATE \_\_\_\_JUNE 18<sup>th</sup>\_\_\_, 2020

C. P. EDWARD

ONTARIO LAND SURVEYOR

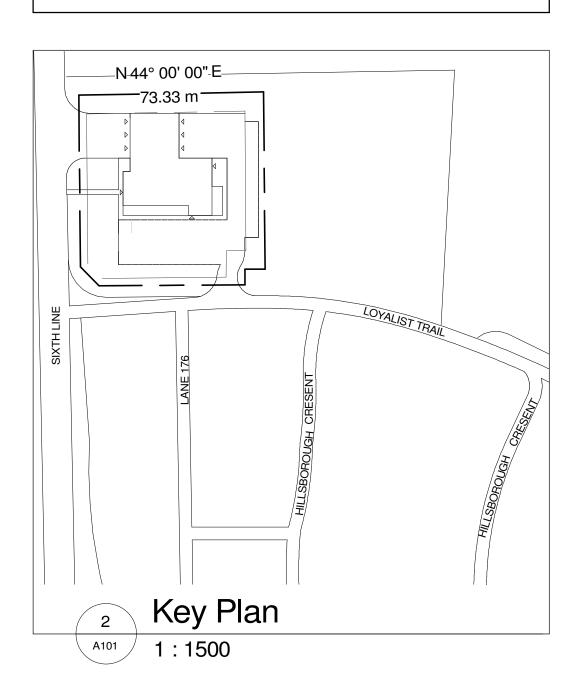


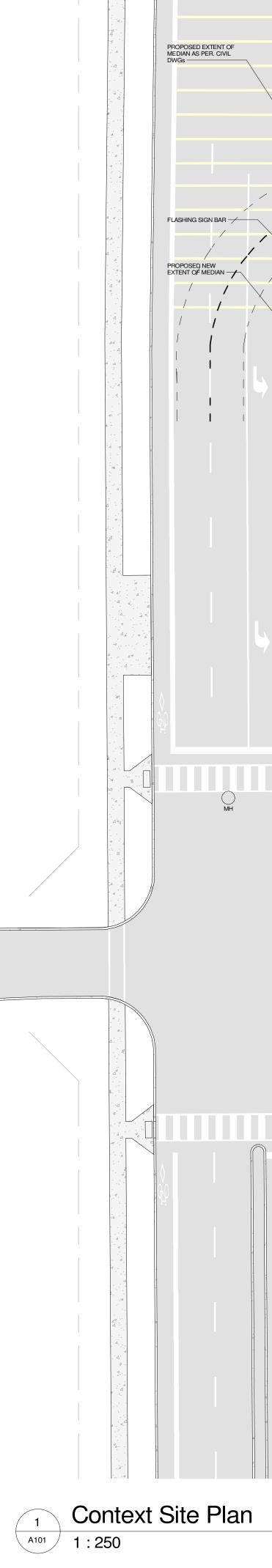
R-PE SURVEYING LTD. ONTARIO LAND SURVEYORS 643 Chrislea Road, Suite 7 Woodbridge, Ontario L4L 8A3 Tel.(416)635-5000 Fax (416)635-5001 Tel.(905)264-0881 Fax (905)264-2099 Website: www.r-pe.ca DRAWN: C.D.S./A.Q. CHECKED: C.P.E. JOB No. 16-044 CAD FILE No. 16044R05c INFORMATION TAKEN FROM: PLAN OF SURVEY OF BLOCK 154 PLAN 20M-1221 PLAN No. 20R-21707 TOWN OF OAKVILLE

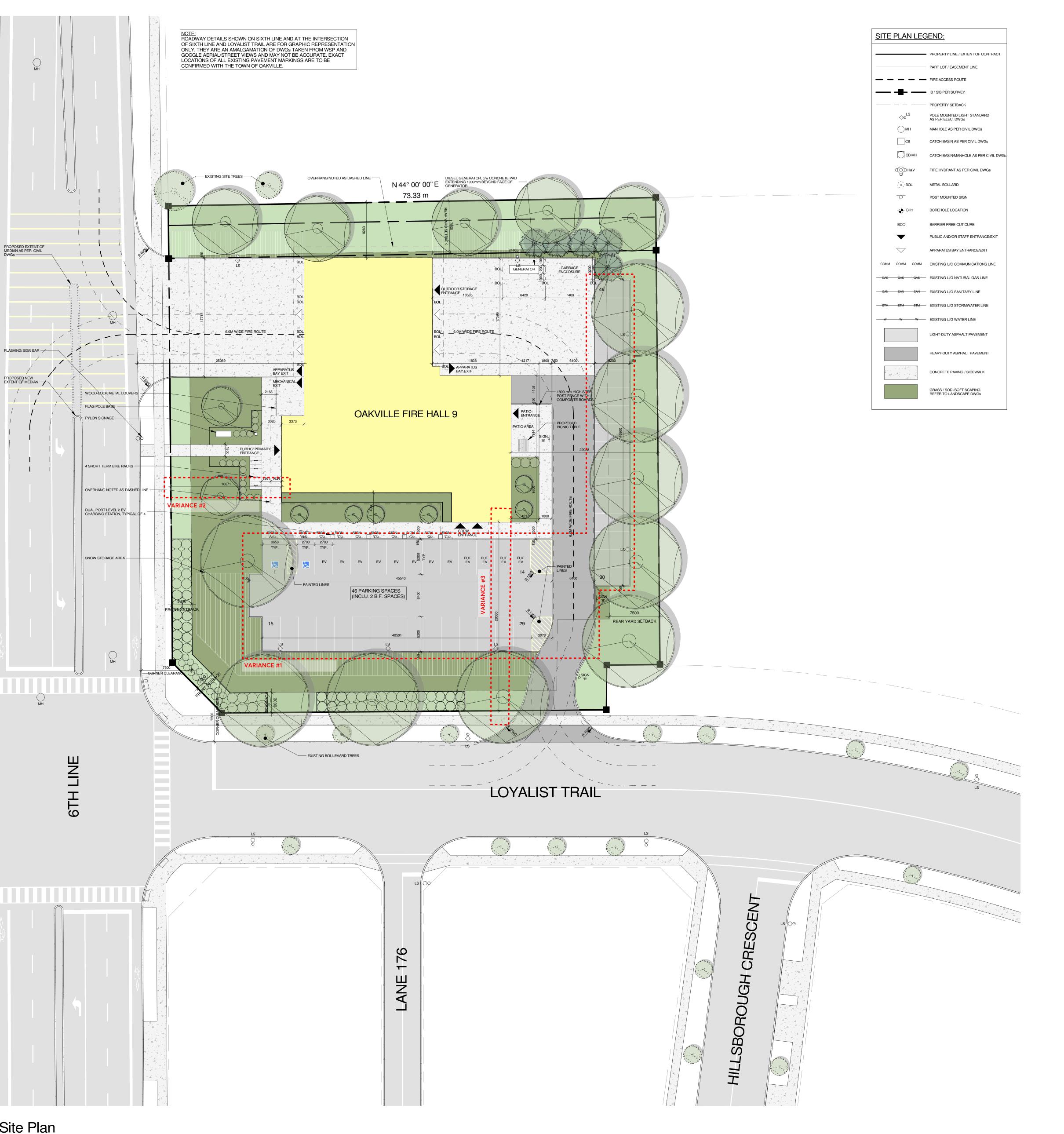
REGIONAL MUNICIPALITY OF HALTON AS PREPARED BY - R-PE SURVEYING LTD. 643 CHRISLEA ROAD, SUITE 7, WOODBRIDGE, ON CAD FILE: 16044R05c SURVEY TAKEN: 13TH of JUNE, 2020 SURVEY CONTROL POINT No. 04519910057

ITEM		ONTARIO BUILDING	G CODE DATA	MATR	IX PARTS 3 & 9		OBC REFERENCE
1	PROJECT DESCF	RIPTION	<ul> <li>NEW</li> <li>ADDITION</li> <li>ALTERATION</li> <li>CHANGE OF</li> </ul>				PART 3 FOR NEW BUILDING
2	MAJOR OCCUPA	NCY(S)	GROUP D & F3				3.2.2.56.
3	BUILDING AREA	(m²)	14768.1ft <sup>2</sup> (1372.	0m²)			1.1.3.2.
4	GROSS AREA (m	2)	14768.1m <sup>2</sup> (1372	.0m²)			1.1.3.2.
5	NUMBER OF STC	REYS	2 (TWO)				3.2.1.1. & 1.1.3.2.
6	HEIGHT OF BUILI	DING (m)	8.8m				
7	NUMBER OF STR	EETS/ACCESS ROUTES	2 (TWO) STREE	TS AS II	NDICATED ON DRAWINGS		3.2.2.10. & 3.2.5.5.
8	BUILDING CLASS	IFICATION	GROUP D, UP TO	O 2 STC	REYS, NOT SPRINKLERED		3.2.2.56.
9	SPRINKLER SYS	TEM PROPOSED	ENTIRE BUIL     ADDITION	DING	<ul> <li>□ IN LIEU OF ROOF RATIN</li> <li>■ NOT REQUIRED</li> </ul>	١G	3.2.2.56.
10	STANDPIPE REQ	UIRED	□ YES		NO		3.2.9.
11	FIRE ALARM REC	QUIRED	■ YES		□ NO		3.2.4.
12	WATER SERVICE	SUPPLY IS ADEQUATE	■ YES		□ NO		3.2.5.7.
13	HIGH BUILDING		□ YES		NO		3.2.6.
14	PERMITTED CON ACTUAL CONSTR				<ul> <li>□ NON- COMBUSTIBLE</li> <li>■ NON- COMBUSTIBLE</li> </ul>	■ BOTH □ BOTH	3.2.2.56.
15	MEZZANINE(S) A	REA (m²)	N/A				3.2.1.1.
16	OCCUPANT LOAI	D BASED ON	<ul> <li>□ m<sup>2</sup> / PERSON</li> <li>■ DESIGN OF B</li> </ul>		G		3.1.17.
17	BARRIER FREE D	DESIGN	■ YES		□ NO (EXPLAIN)		3.8.
18	HAZARDOUS SU	BSTANCES	□ YES		■ NO		M.2.1.2(1) & 3.3.1.19(1)
19	REQUIRED FIRE RESISTANCE RATING (FRR)	FLOOR ASSEMBLIES LOAD BEARING WALLS ROOF RATING		imin. IF	COMBUSTIBLE CONSTRUC		3.2.2.56.
20	SPATIAL SEPARA	ATION					3.2.3.

PROJECT STATISTICS	REQUIRED	PROVIDED
ZONING	SA Service Area 1 Employment	SA Service Area Employment
	•	
TOTAL LOT AREA		5,500.37m² (0.55ha)
TOTAL BUILDING AREA		1372.0m <sup>2</sup>
LEASEABLE FLOOR AREA		1124.0m <sup>2</sup>
TOTAL ASPHALT AREA		1405.1m <sup>2</sup>
TOTAL CONCRETE AREA		1192.4m <sup>2</sup>
MIN. LOT FRONTAGE	15.0m	68.1m
MIN. LANDSCAPE OPEN SPACE	10%(550m²)	-
LOT COVERAGE	-	-
TOTAL GROSS FLOOR AREA		1372.0m <sup>2</sup>
BUILDING TO PROPERTY SETBACKS		
MINIMUM FRONT YARD	3m min. / 6m max.	3m
MINIMUM REAR YARD	7.5m	7.5m
MINIMUM FLANKAGE	3m min. / 6m max.	3m
MINIMUM INTERIOR SIDE YARD	1.5m min.	
MINIMUM EXTERIOR SIDE YARD		
MAXIMUM BUILDING HEIGHT	NO RESTRICTION	8.8m
PARKING		
PARKING SPACES		44
BARRIER FREE PARKING SPACES	2	2 (1 Type A & 1 Type B
TOTAL PARKING SPACES		46
ELECTRIC VEHICLE PARKING SPACES (Spaces Included In Total Above)		8 (+4 Future Spaces
GREEN VEHICLE PARKING SPACES (Spaces Included In Total Above)		
	1	1









## SITE PLAN GENERAL NOTES:

THE CONTRACT CONSISTS OF ALL WORK WITHIN THE 'EXTENT OF CONTRACT LINE INDICATED ON THE SITE PLAN PLUS ANY WORK SPECIFICALLY NOTED OUTSIDE OF THAT LINE. ALL WORK DONE OUTSIDE OF THESE LIMITS MUST BE EXECUTED IN STRICT ACCORDANCE WITH THE STANDARDS OF THE MUNICIPALITY AND ALL OTHER AUTHORITIES HAVING JURISDICTION. MAKE GOOD AT NO ADDITIONAL COST TO THE OWNER OR MUNICIPALITY ANY DAMAGE CAUSED BY THIS CONSTRUCTION TO MATERIALS OR FINISHES BEYOND THE EXTENT OF CONTRACT LINE. CONTRACTOR IS TO RESTRICT ALL WORK, EQUIPMENT, AND MATERIALS STORAGE TO AREAS WITHIN 'EXTENT OF CONTRACT' LINE EXCEPT WHERE NOTED OTHERWISE. PRIMARY SITE ACCESS POINT & CONSTRUCTION PARKING IS TO BE CONFIRMED WITH BUILDER. NO PARKING IN MUNICIPALITY RIGHT-OF-WAY.

LOCATE EXCAVATED MATERIALS & TOPSOIL PILES AS DIRECTED. AT COMPLETION OF PROJECT ANY EXCESS MATERIAL IS TO BE REMOVED AND AREA MADE GOOD TO ARCHITECT'S SATISFACTION. FOR TRENCHING & BACKFILLING OF ALL SERVICE LINES AND DIVISION OF RESPONSIBILITY, REFER TO APPROPRIATE SECTIONS IN SPECIFICATIONS. SUPPLY AND PLACE TOPSOIL TO THICKNESS SPECIFIED OVER ALL SODDED AND PLANTER AREAS INDICATED ON DRAWINGS. PROVIDE ADDITIONAL TOPSOIL AS REQUIRED OVER AND ABOVE TOPSOIL TAKEN FROM SITE. PROVIDE SODDING TO AREAS INDICATED AND TRAVINATE AT 'EXTENT OF CONTRACT LINE. EXTEND SODDING BEYOND PROPERTY LINES TO ROADWAYS WHERE INDICATED.

NOTE THAT EXACT LOCATIONS OF ALL NEW MECHANICAL & ELECTRICAL ITEMS ARE APPROXIMATE UNLESS DIMENSION GIVEN. ADJUST LOCATION AS REQUIRED AND AS APPROVED BY CONSULTANT TO SUIT SITE CONDITIONS. NOTE THAT ALL MECHANICAL AND ELECTRICAL UNDERGROUND SERVICE LINES INDICATED ON DRAWINGS ARE APPROXIMATE ONLY AND ARE INDICATED AS ACCURATELY AS POSSIBLE FROM INFORMATION SUPPLIED. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT TYPES, LOCATIONS AND DEPTHS OF ALL UNDERGROUND SERVICES IN AREA OF NEW CONSTRUCTION INCLUDING GAS LINES, TELEPHONE, CABLE TV, ETC. AND VERIFY THEIR LOCATION WITH THE APPROPRIATE AUTHORITIES BEFORE EXCAVATING.

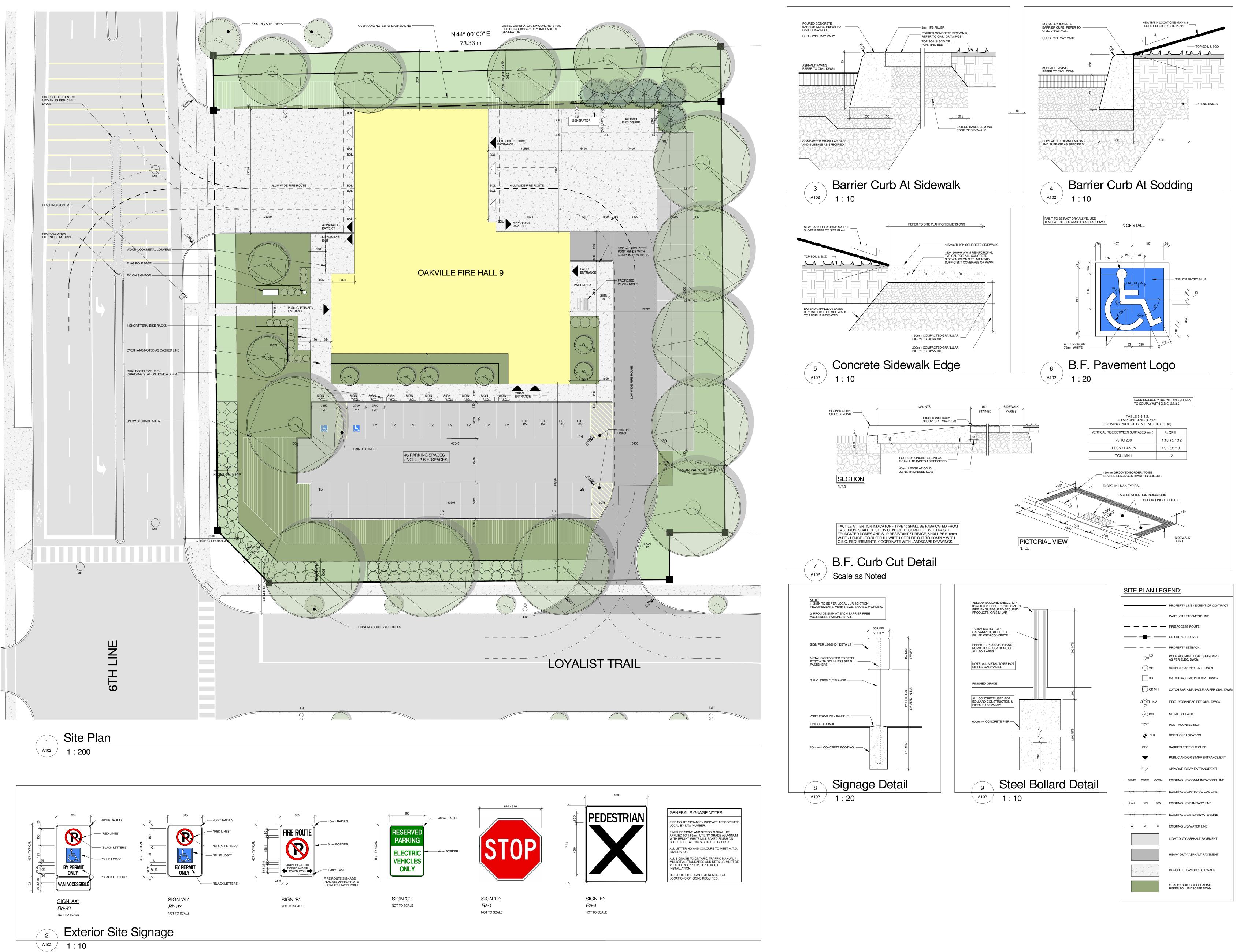
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE RECORDS OF CONSTRUCTION TO FACILITATE AS-CONSTRUCTED DRAWINGS.

 REFER TO CIVIL DRAWINGS FOR SITE SERVICING AND GRADING, EROSION AND SEDIMENT CONTROL, STORM WATER MANAGEMENT AND DRAINAGE, AND ANY OTHER RELATED WORKS.
 REFER TO LANDSCAPE DRAWINGS FOR PLANTING, SODDING, TREE AND SHRUB LAYOUT / SCHEDULE (INCLUDING PRESERVATION AND REMOVALS), PAVER LAYOUTS, SITE AMENITIES, AND ANY OTHER RELATED WORKS.
 REFER TO M&E DRAWINGS FOR SITE LIGHTING / POWER, CISTERNS, AND ANY OTHER RELATED WORKS.

12.

CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL DRAWINGS FROM ALL DISCIPLINES. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON THE JOB. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT. ALL DRAWINGS REMAIN THE PROPERTY OF THE CONSULTANT. ONLY LATEST APPROVED DRAWINGS ARE TO BE USED FOR CONSTRUCTION.

1	Issued for Minor Variance	:	2024	-07-04
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2 West Elevation A302 1:50

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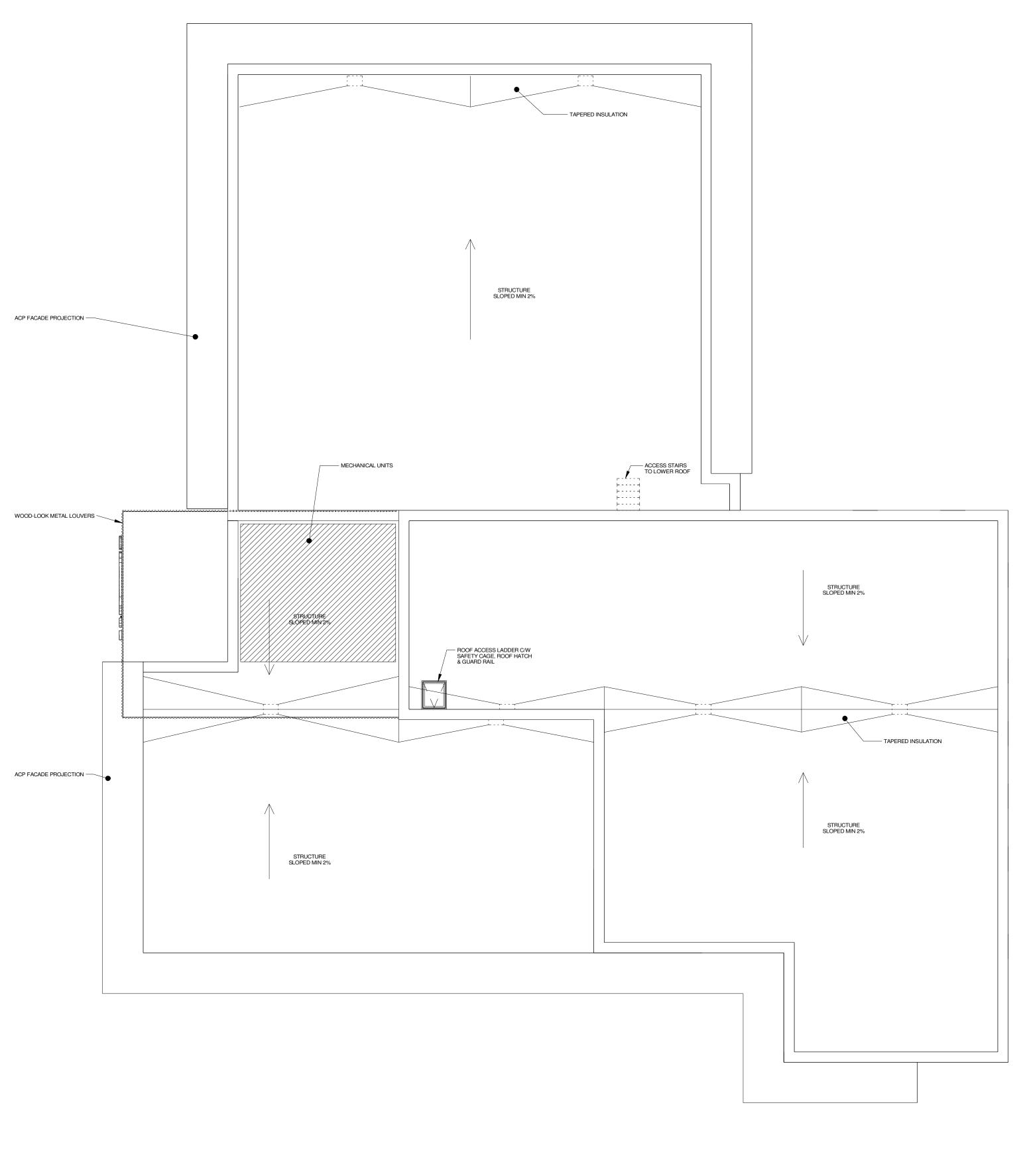


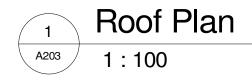


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T/O Roof Steel 8000	
Level 2 Floor Plan	
4000	
Mezzanine 3000	

- PRE-FIN. METAL FASCIA PANELS





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1 Issued for Minor Variance	2024-07-04
Orientation	Seal
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