

76 BRYNE DRIVE, BARRIE, ONT.

ISSUE FOR SPA - 2020.12.09





No.	DESCRIPTION	DATE
	REVISIONS	
SSUE	D FOR CONSTRUCTION	
SSUE	D FOR BID	
SSUE	D FOR BUILDING PERMIT	
SSUE	D FOR SITE PLAN APPROVAL	09/12/2020
	SUBMITTALS	
AND (RACTORS MUST CHECK AND VERIFY ALL DII CONDITIONS ON THE PROJECT AND MUST R ISCREPANCIES TO THE DESIGNER BEFORE	

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS.

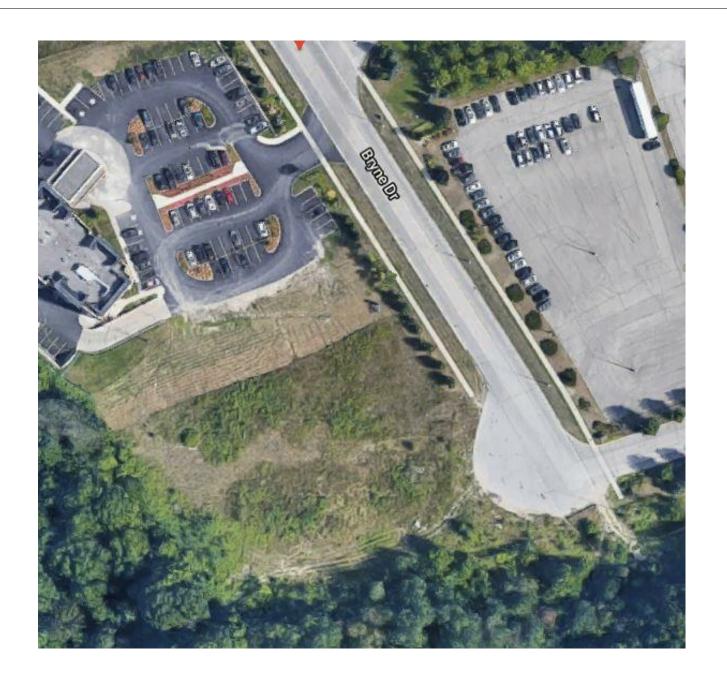


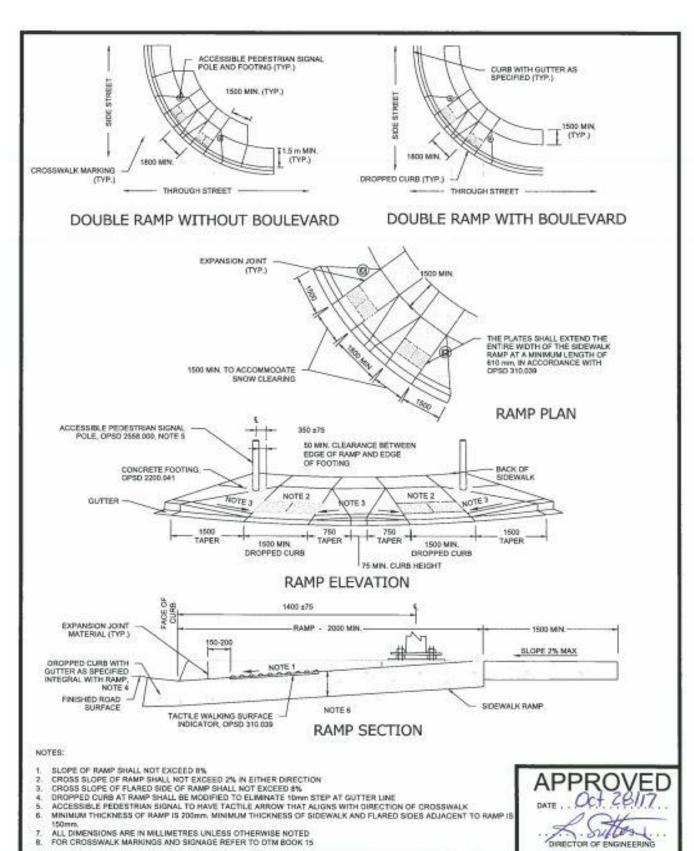
3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE,

BARRIE, ON

DRAWING:		
	Title	Page
PLOTTED:		
DATE: 11/1	3/20	PROJECT №: 2020-09
SCALE:		DRAWING No:
DRAWN BY: Author	REVIEWED BY: Checker	AU-0





CONCRETE SIDEWALK RAMPS

WITH INTERSECTING

CROSSWALKS

AT SIGNALIZED INTERSECTIONS

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

FOR CROSSWALK MARKINGS AND SIGNAGE REFER TO DTM BOOK 15

STANDARD DETAIL



PARKING CALCULATION					
	REQUIRED	PROVIDED			
COMMERCIAL PARKING (1 / 24 m2)	33	34			
RESIDENTIAL PARKING (1.5 / UNIT)	72	73			
LOADING SPACE	1	1			
BARRIER-FREE PARKING	4	4			

FLOOR AREA SCHEDULE					
METRIC IMPERIAL					
NET COMMERCIAL (7 UNITS)	785.60 m2	8450 SF			
NET RESIDENTIAL (48 UNITS)	2852 m2	30700 SF			
RESIDENTIAL CORRIDORS	285 m2	3070 SF			
G.F.A.	3922.60 m2	42220 SF			

FLOOR AREA BREAKDOWN RESIDENTIAL COMMERCIAL **NET RESIDENTIAL:** 713.00 m2 NET COMMERCIAL: 785.60 m2 STAIRWELL & LIFT: 30.25 m2 STAIRWELL & LIFT: 43.50 m2 CORRIDOR: 71.25 m2 TOTAL FLOOR AREA: 830 m2 TOTAL FLOOR AREA: 814.50 m2 RES. GFA = 4 * (713 + 71.25) = 3137m2COM. GFA = 785.60 m2 GFA: 785.60+3137=3922.6 m2



REV No. DATE: OCT 2017

BSD-316

SCALE: N.T.S.





O.B.C. MATRIX

FAUSTO CORTESE ARCHITECTS
3590 Rutherford Road, Unit 7
Vaughan, Ontario, L4H 3T8
Tel (416)-806-7000
fcortese@fcarchitects.ca

MIXED USE - RENTAL BUILDING 76 BRYNE DRIVE BARRIE ONTARIO

Item	Ontario's 2012 Building Code Data Matrix Part 3 or 9					OBC Reference References are to Division B unless noted							
			L	Jata IVI	atrix Part 3	or 9			[A] fo	r Divisior	n A or [C] f	for Divisio	n C.
1	Project [Description				New	☐ Part	11		Part 3		☐ Pa	art 9
				Change o	of Use	Addition Alteration	11.1 to 11	.4	1.1.2	2. [A]		1.1.2. [<i>A</i>	3] & 9.10.1.3
2	Major O	ccupancy(s) GR	OUP C			•		3.2.2	2.45.		9.10.2	
3	Building	Area (m)	2 Exi	sting 0	New	3922.6	Total _0		1.4.1	I.2. [A]		1.4.1.2	. [A]
4	Gross A	rea	Exi	sting 0	New	3922.6	Total 0		1.4.1	I.2. [A]		1.4.1.2	. [A]
5	Number	of Storeys	Ab	ove Grade	<u> 5</u>	Below Gra	de <u>1</u>		1.4.1.2	2.[A] & 3.	2.1.1	1.4.1.2.	[A] & 9.10.1
6	Number	of Streets/F	Fire Fighter	Access	1			_	3.2.2.	10 & 3.2.	5.	9.10.20	
7	Building	Classification	on Grou	p C, Up to 6	Storeys, Sprinklered	Noncombustible		_	3.2.2.2	20-83.		9.10.2	
8	Sprinkle	r System Pr	oposed		■ Er	ntire Building			3.2.2.2	20-83.		9.10.8.2	2.
					□ Se	elected Comparti	ments		3.2.1.				
					□ se	lected floor area	s		3.2.2.1 INDEX			INDEX	
					☐ ba	sement 🗌 ir	lieu of roof r	rating	INDE	^		INDEX	
					□ no	t required							
9	Standpip	e required				Yes No			3.2.9.			N/A	
10	Fire Alar	m required				Yes No			3.2.4.			9.10.18	
11			oly is Adequ	ate		Yes No			3.2.5.	7.		N/A	
12	High Bui	lding				☐ Yes ■ No			3.2.6.			N/A	
13		ction Restric		permitt		Non-combus permitted		Both	3.2.2.2	20-83.		9.10.6.	
		onstruction		☐ Co	mbustible	Non-combus	stible [Both					
14		ne(s) Area								1.(3)-(8)		9.10.4.1	
15	Occupar	nt load base	ed on		person	design of bu	ilding		3.1.17	' .		9.9.1.3.	
	1st Floor Occupancy 212 (3.7m2 per person) 2nd to 5th Floor Occupancy 112 (2persons per bedroom)												
	2nd to 5	th Floor		Occup	ancy 112 (2perso	ns per bearoom)							
16	Barrier-f	ree Design		■ Ye	s 🗌 No (Explain	n)			3.8.			9.5.2.	
17	Hazardo	us Substan	ices	☐ Ye	s No				3.3.1.2	2. & 3.3.1	1.19.	9.10.1.3	3.(4)
18	Req	Required Horizontal Assemblies Listed Design No.						3.2.2.20-83. 9.10.8.					
	Fire FRR (hours)			ours)	or Desciription (SG-2)					9.10.9.			
	Resis	stance	Floors	2	_ Hours	AS PER DRA	WINGS						
	Ra	iting	Roof	0	_ Hours								
	(F	RR)	Mezzanin	e <u> </u>	_ Hours	AS PER DRA	WINGS						
			F	RR of Sup			Design No. C						
				Memb	pers	Desc	ciption (SG-2))					
			Floors	2	_ Hours								
			Roof	0	_ Hours								
			Mezzanin		_ Hours								
19	-	r -	Construction			N/A			3.2.3.			9.10.14	
	Wall	Area of EBF (m)		L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design of Descripti	or	Comb Const	Comb. (No Clad	nc.	Non-comb. Constr.
	North	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		N/A
	South	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		N/A
	East	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		N/A
	⊏ası		,, .			1			- 1	,			

ONTARIO BUILDING CODE DATA MATRIX, PART 3 and/or 9



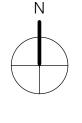
MOIOK 1. Dig the installation pit according to the measurem in the image 2. The pit should be 600 mm wider than the diameter of the container. Level the bottom carefully with spirit level and compact the ground if needed. (Image 3.1.) Diameter of the installation pit: MolokClassic®-container 5 m3 MolokClassic®-container 3m³ and 1,3 m³ 1750 mm 2. Preparing 800 I and 300 I containers: Fasten the anchor steel into the bottom insert according to a separate instruction manual provided. Preparing 5 m³; 3 m³ and 1,3 m³ containers: Fix the plastic bottom anchors into the container with two bolts each (bolts are tightened max. 25 Nm). (Image 3.2.) 3. Lift the container to the installation pit by using lifting loops. The use of lifting beam is recommended (Image 3.3). 4. Align the lid opening by using the sign in the front panel.

page 2/4

 Use a spirit level to ensure the container is straight and level.
 Depending on the installation site, use the spirit level either;
 A. on top of the aluminium ring (lid and lifting bag removed) OR

B. from the sides of the container **6.** Fill the pit as described in the image 2. With a light compactor, compact the filling soil carefully with every 200 mm layer. We recommend to use max. 100 kg round compactor. (Image 3.5)

7. Make sure that the finishing layer slopes slightly downward from the container.



REVISIONS ISSUED FOR CONSTRUCTION

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNEF DO NOT SCALE DRAWINGS.



FAUSTO CORTESE

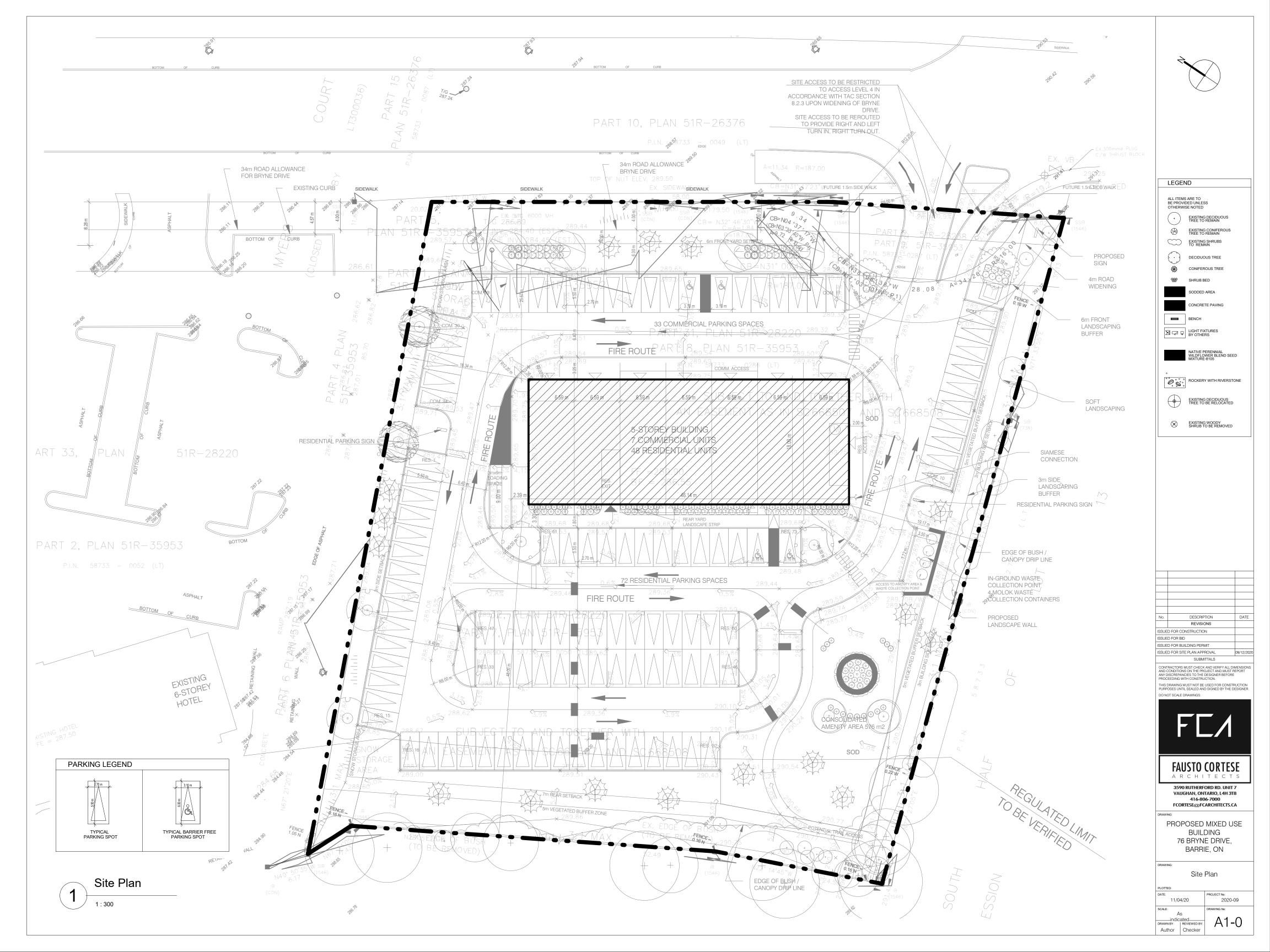
3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE,

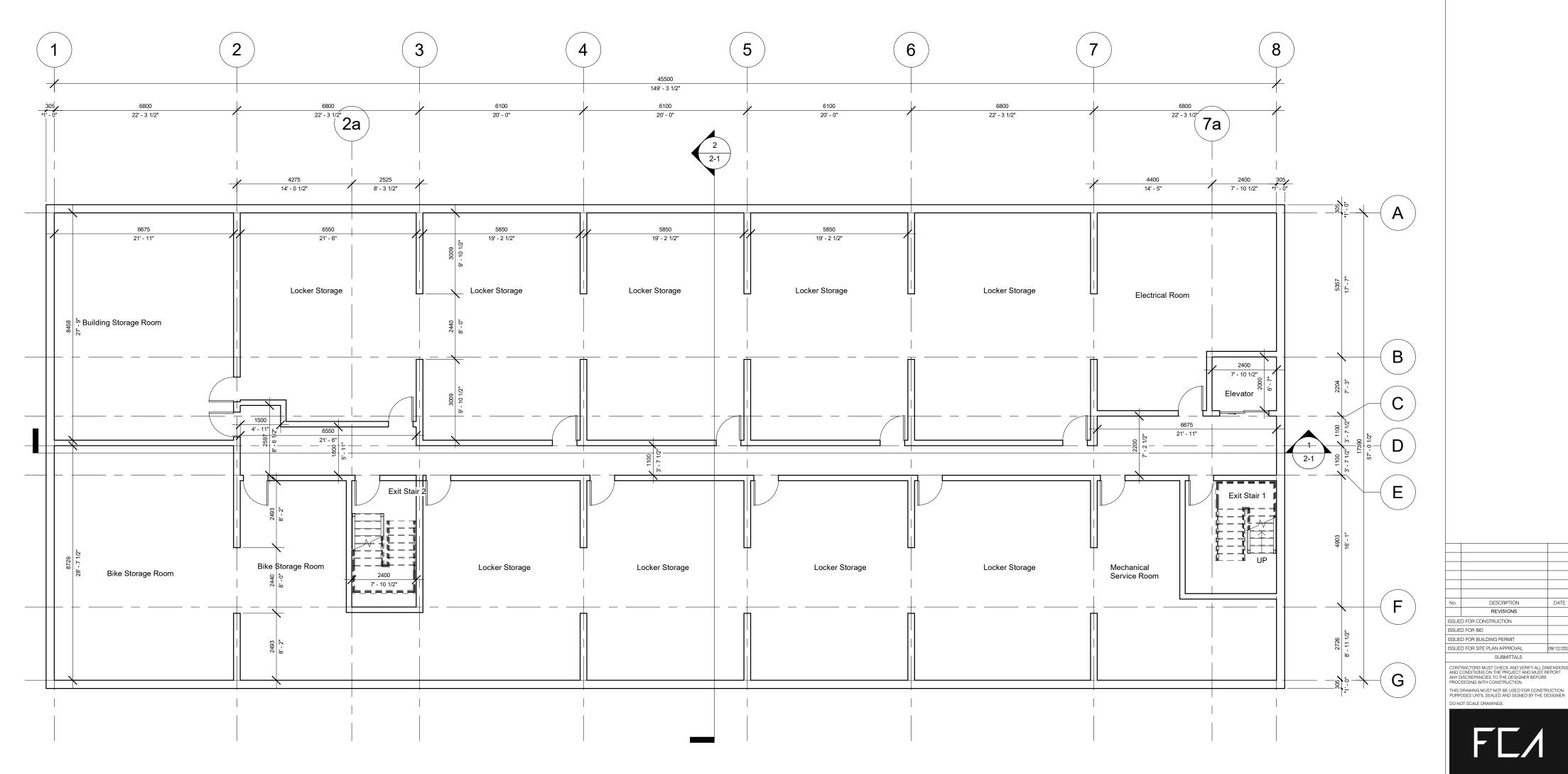
BARRIE, ON

Matrix, Building Stat and Key Plan ECT №: 2020-09 11/09/20

A0-1 Author Checker







REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID



FAUSTO CORTESE

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

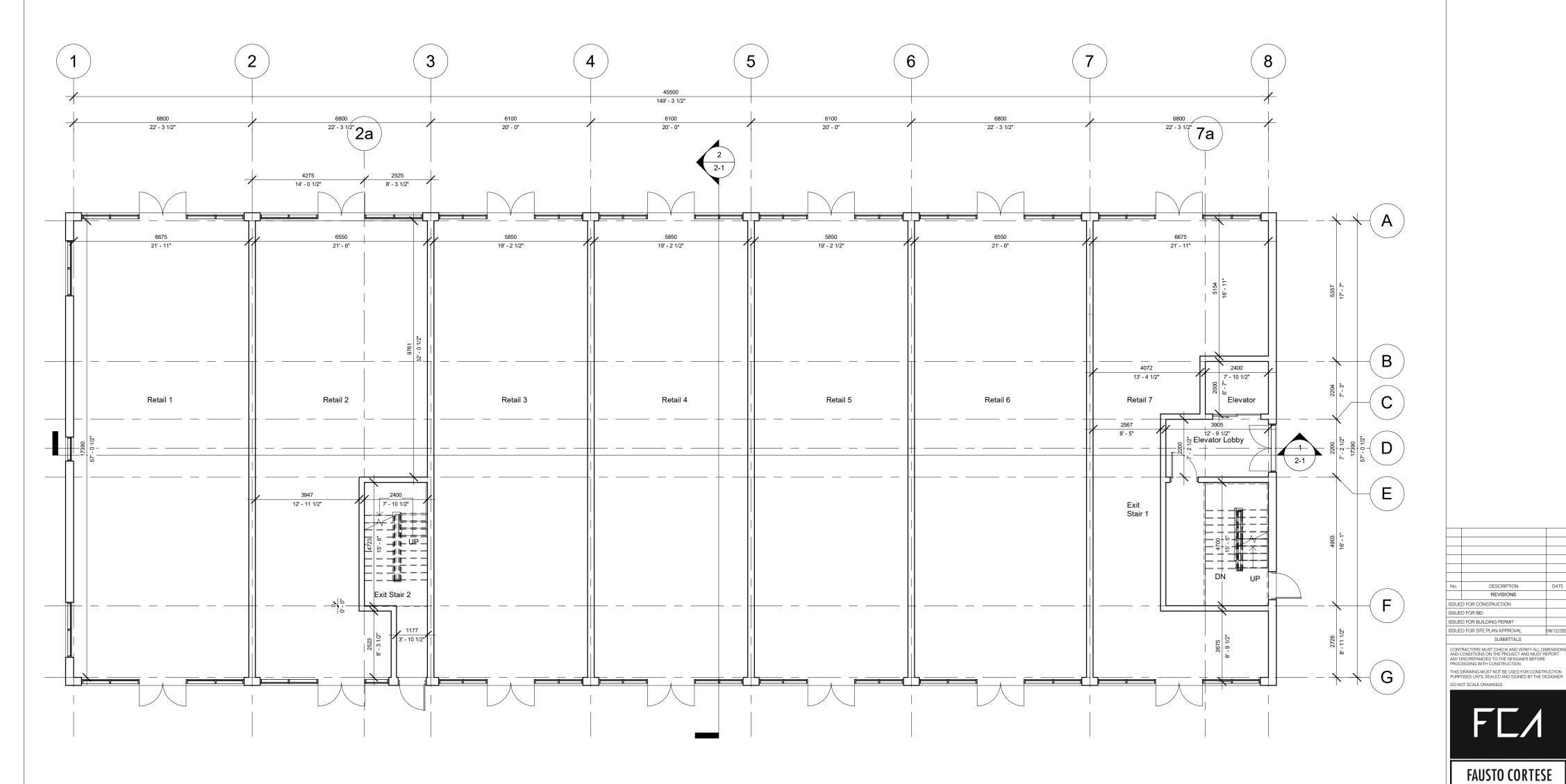
PROPOSED MIXED USE BUILDING

76 BRYNE DRIVE, BARRIE, ON Basement Floor Plan

PROJECT No: 2020-09 11/04/20 SCALE: 1 : 100 DRAWN BY: REVIEWED BY:
Author Checker

Basement Floor





REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID ISSUED FOR BUILDING PERMIT ISSUED FOR SITE PLAN APPROVAL



FAUSTO CORTESE

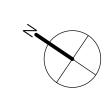
3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE,

BARRIE, ON

DRAWING:		
	Main Flo	oor Plan
PLOTTED:		
DATE:		PROJECT No:
11/0	4/20	2020-09
SCALE:		DRAWING No:
1:	100	1 1 1 1
DRAWN BY:	REVIEWED BY:	A1-2
Author	Checker	/ · · · —
	l .	

MAIN FLOOR





No. DESCRIPTION DATE

REVISIONS

ISSUED FOR CONSTRUCTION

ISSUED FOR BIID

ISSUED FOR BIID

ISSUED FOR SITE PLAN APPROVAL

SUBMITTALS

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS
AND CONDITIONS ON THE PROJECT AND MUST REPORT
ANY DISCREPANCIES TO THE DESIGNER BEFORE
PROCEEDING WITH CONSTRUCTION.

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER.

DO NOT SCALE DRAWINGS.

FAUSTO CORTESE

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

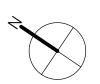
FCORTESE@FCARCHITECTS

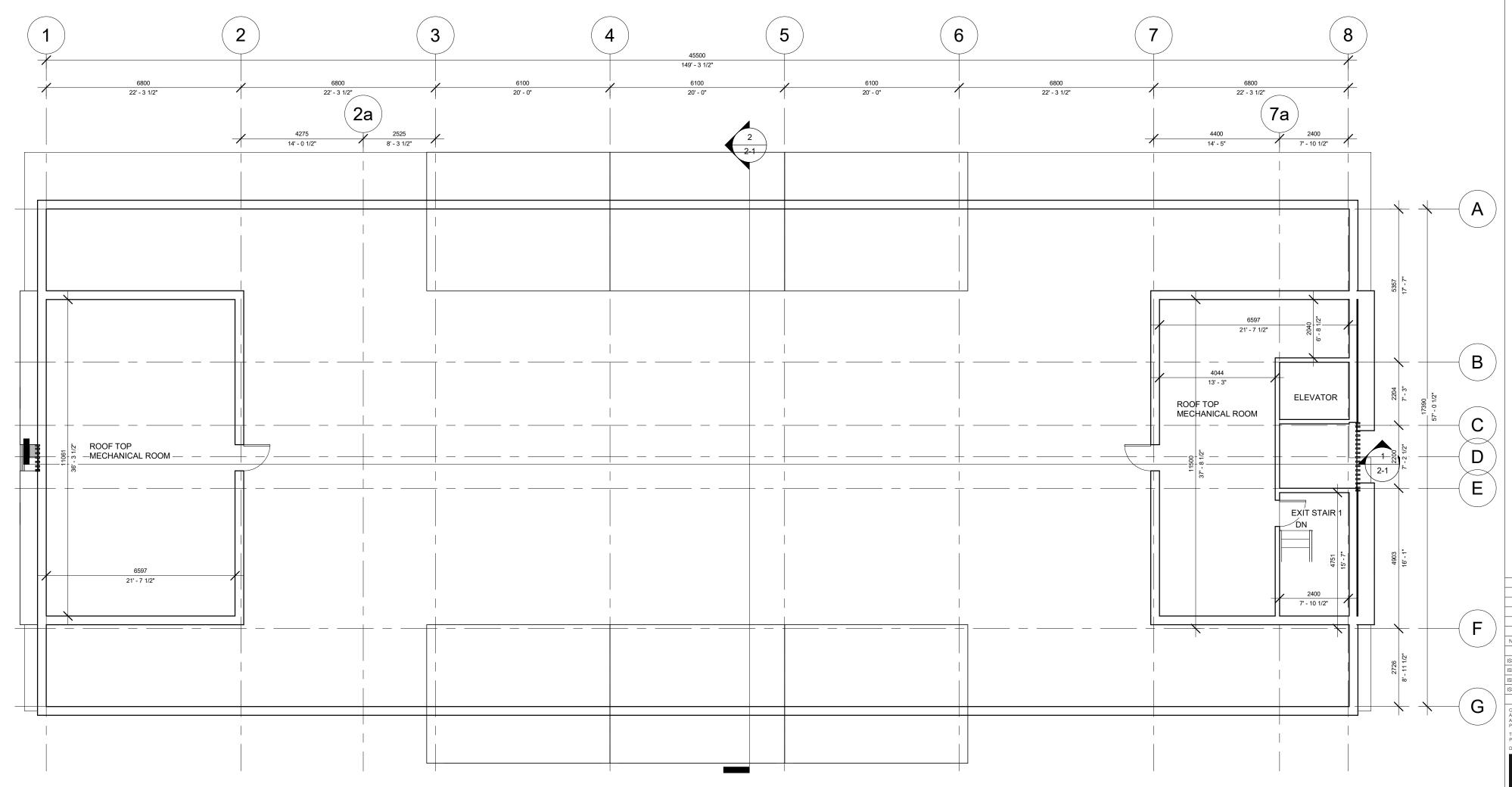
PROPOSED MIXED USE
BUILDING
76 BRYNE DRIVE,
BARRIE, ON

Typical Floor Plan 2nd to 5th Floor

DATE: PROJECT No:

Typ. Floor Plan 2nd to 5th Floor





REVISIONS ISSUED FOR CONSTRUCTION
ISSUED FOR BID ISSUED FOR BUILDING PERMIT CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION.

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS.

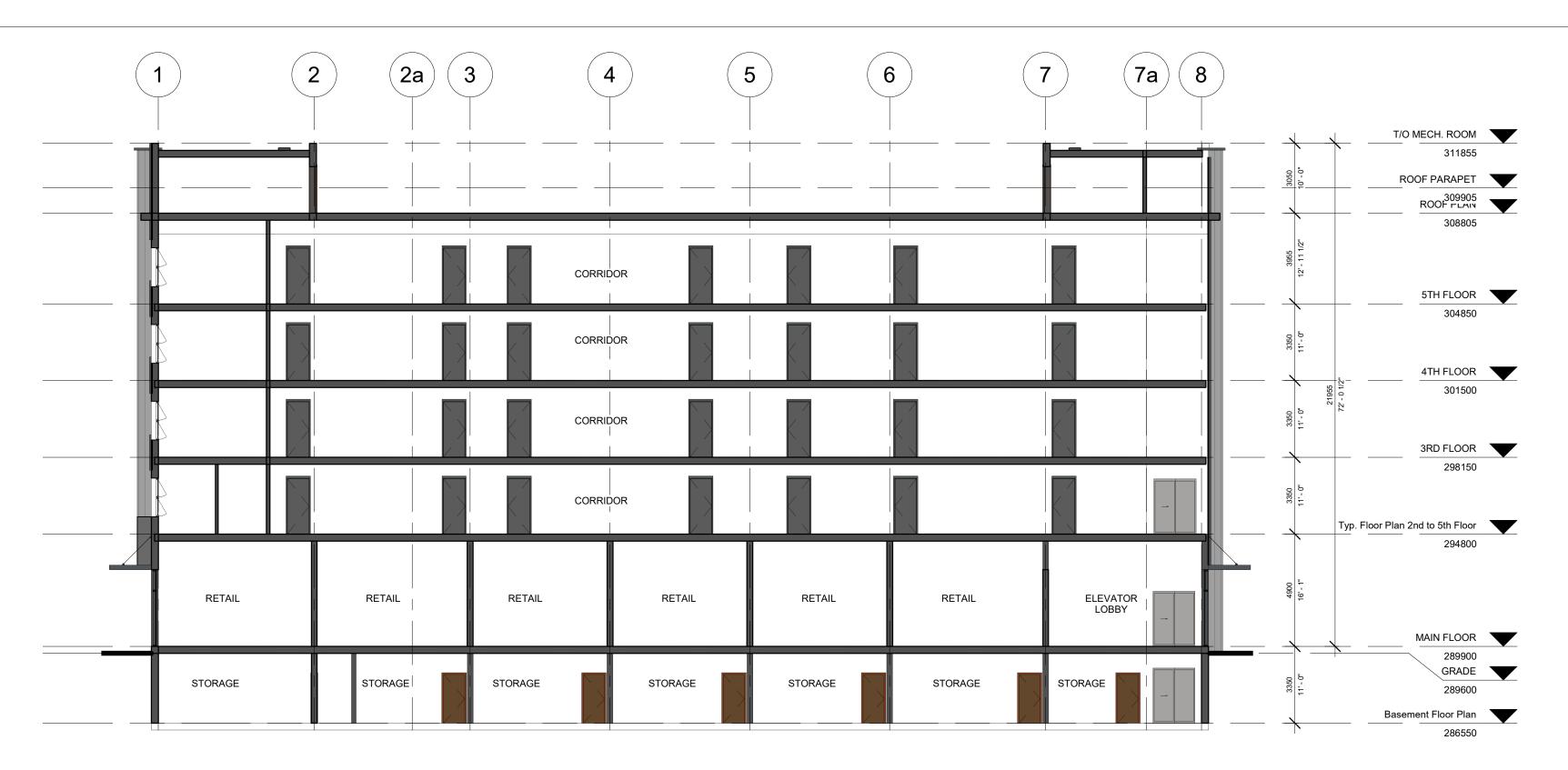
FAUSTO CORTESE

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

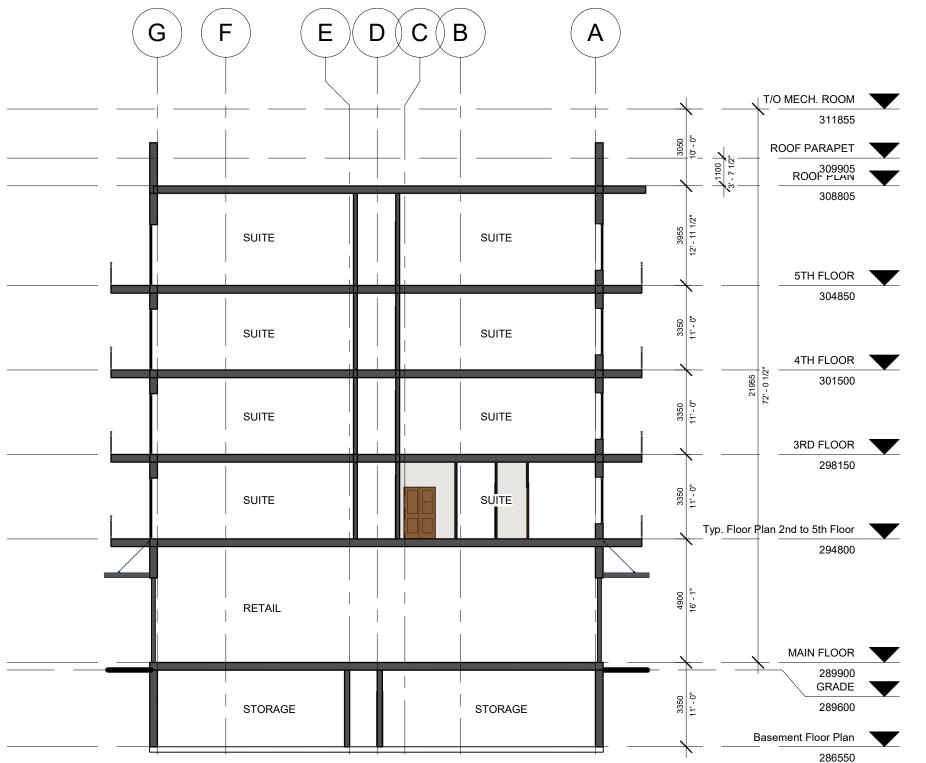
PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE, BARRIE, ON

Roof Plan PROJECT No: 2020-09 11/13/20 SCALE: 1 : 100 DRAWN BY: REVIEWED BY:
Author Checker





East to West Building Section



REVISIONS ISSUED FOR CONSTRUCTION ISSUED FOR BID

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER. DO NOT SCALE DRAWINGS.



FAUSTO CORTESE

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE, BARRIE, ON

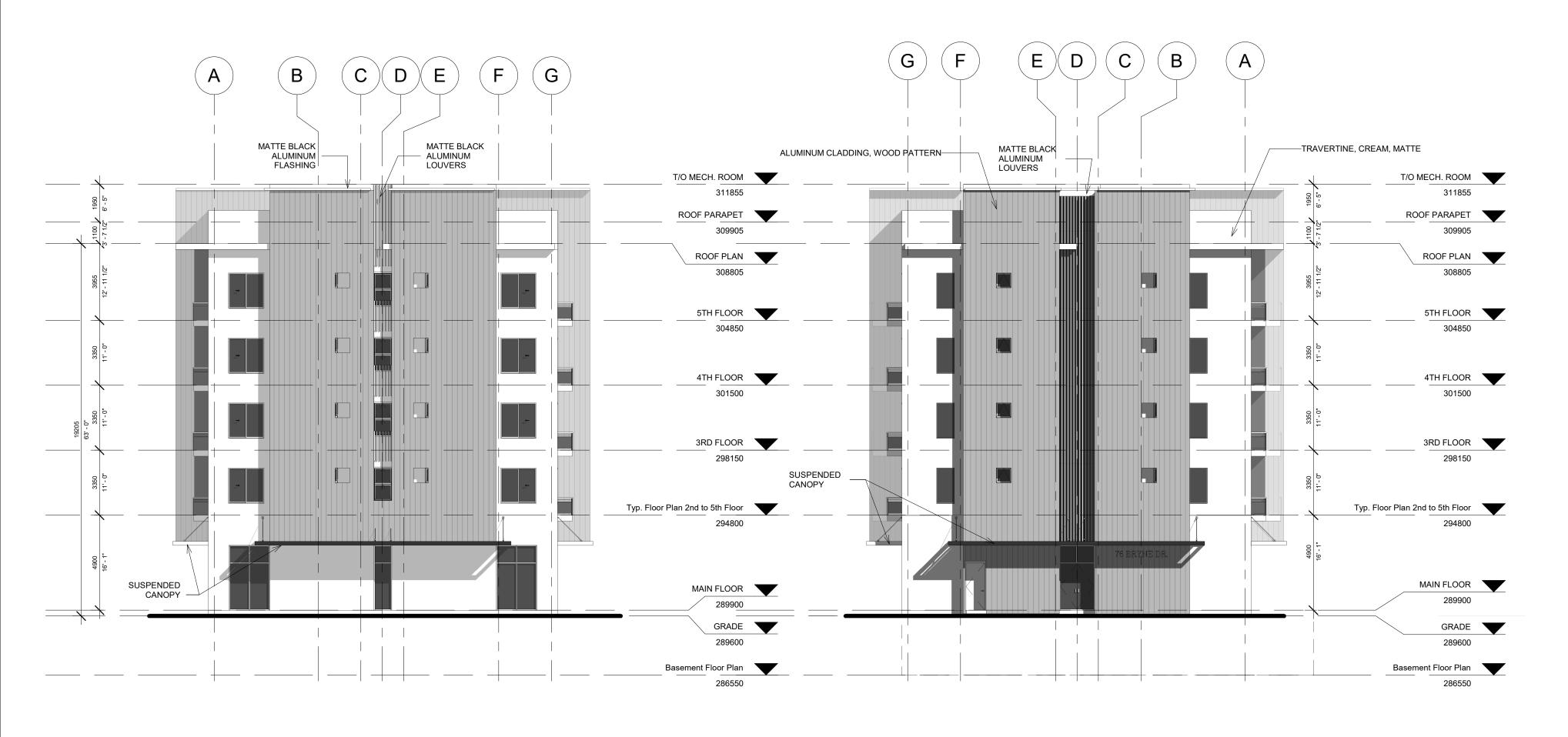
Building Sections

PROJECT №: 2020-09 11/13/20

SCALE: 1 : 150 A2-1 Author Checker

North to South Building Section





WEST ELEVATION

1:150

EAST ELEVATION RESIDENTIAL ENTRANCE

1:150

No.	DESCRIPTION REVISIONS	DATE			
	REVISIONS				
ISSUE	D FOR CONSTRUCTION				
ISSUE	D FOR BID				
ISSUE	D FOR BUILDING PERMIT				
ISSUED FOR SITE PLAN APPROVAL 09/12/2020					
SUBMITTALS					
AND (RACTORS MUST CHECK AND VERIFY ALL DI CONDITIONS ON THE PROJECT AND MUST R DISCREPANCIES TO THE DESIGNER BEFORE	EPORT			

AND CONDITIONS ON THE PHOLECT AND MOST HEPOHI ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION.

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER.

DO NOT SCALE DRAWINGS.



FAUSTO CORTESE ARCHITECTS

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

FCORTESI DRAWING:

PROPOSED MIXED USE BUILDING 76 BRYNE DRIVE, BARRIE, ON

PLOTTED:	East & West Elevations			
DATE: 11/1	3/20	PROJECT №: 2020-09		
SCALE:	150	DRAWING No:		
DRAWN BY: Author	REVIEWED BY: Checker	A3-2		





EAST ELEVATION RESIDENTIAL ENETRANCE 1:150

WEST ELEVATION - COLOUR 1:150

No.	DESCRIPTION	DATE		
	REVISIONS			
ISSUE	D FOR CONSTRUCTION			
ISSUE	D FOR BID			
ISSUE	D FOR BUILDING PERMIT			
ISSUED FOR SITE PLAN APPROVAL 09/12/2020				
	SUBMITTALS			
	RACTORS MUST CHECK AND VERIFY ALL DI			

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY THE DESIGNER DO NOT SCALE DRAWINGS.



FAUSTO CORTESE

3590 RUTHERFORD RD. UNIT 7 VAUGHAN, ONTARIO, L4H 3T8 416-806-7000 FCORTESE@FCARCHITECTS.CA

PROPOSED MIXED USE BUILDING

EAST & WEST COLOUR ELEV

76 BRYNE DRIVE, BARRIE, ON

PROJECT No: 2020-09 11/24/20 SCALE: 1 : 150

RAWING No: A3-4 Author Checker