



Updated Noise Impact Study

430 Snyder's Road East

Alder Concrete Group Ltd.

17 April 2024

→ **The Power of Commitment**



Prepared by:

Reviewed by:



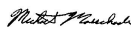
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Executive Summary

GHD Limited (GHD) was retained by Alder Concrete Group Ltd. to prepare an Updated Noise Impact Study for the proposed office development (Development) located at 430 Snyder's Road, Baden, Ontario (Site). This Updated Study has been prepared in support of the planning approvals for the Development, and includes revised noise modelling and noise abatement analysis based on sound level measurements recently collected at the Site.

The Development consists of one four-storey office building with a loading bay located on the north side. There is one trailer storage yard which will facilitate the delivery of materials to the Development.

The purpose of this Study is to assess the potential noise impacts from the Development on the nearby sensitive uses.

Stationary noise emissions from the Development to nearby residential dwellings have been evaluated. Based on the assessment, noise levels from the Development are within the minimum exclusionary stationary noise limits of the MECP, and thus, the Development will be able to comply with the MECP noise guidelines provided that the mitigation measures described herein are followed.

This report is subject to, and must be read in conjunction with, the limitations set out in section 1.2 and the assumptions and qualifications contained throughout the Report.

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1. Introduction

1.1 Purpose of this Report

GHD Limited (GHD) was retained by Alder Concrete Group Ltd. to prepare a Noise Impact Study (Study) for the proposed office development (Development) located at 430 Snyder's Road East, Baden, Ontario (Site). This Updated Study has been prepared in support of the planning approvals for the Development, and includes revised noise modelling and noise abatement analysis based on sound level measurements recently collected at the Site.

1.2 Site and Development Description

The Site is located at 430 Snyder's Road East, directly northwest of the intersection of Snyders Road East and Sandhills Road. A key plan is included as Figure 2.1, which shows the location of the Site in relation to these transportation corridors.

The Site is currently zoned as Commercial (ZB). The lands surrounding the Site include properties zoned as Agriculture (Z1) and Industrial (Z10 and Z10a) to the north and east, and Residential (Z2) to the south and west. A zoning map is included in Figure A.1 of Appendix A.

The area surrounding the Site is relatively flat which has been captured in the model using contour data obtained from Ontario's GeoHub. Surrounding sensitive uses have direct line of site to the Development.

The proposed Development consists of a four-storey building with a loading-bay. The Development includes a trailer storage lot located on the west side of the Site for the storage of trailers and concrete formwork, with a telehandler for loading and unloading of trailers. Trailers will be towed using pick-up trucks.

1.3 Scope and Limitations

This report: has been prepared by GHD for Alder Concrete Group Ltd. and may only be used and relied on by Alder Concrete Group Ltd. for the purpose agreed between GHD and Alder Concrete Group Ltd. as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than Alder Concrete Group Ltd. arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

2. Sound and Vibration Criteria

2.1 Municipal Ordinances

The Corporation of the Township of Wilmot, By-Law No. 2023-36, dated July 24, 2023, has been reviewed in the context of this Study. The Noise By-Law includes specific requirements and prohibitions of noise emissions based on source type during certain time periods, including:

- Noise emissions resulting from the operation of any auditory signalling device including, but not limited to, the ringing of bells or gongs and the blowing of horns or sirens or whistles, or the production, reproduction or amplification of any similar sounds by electronic means, except where required or authorized by law or in accordance with good safety practices are prohibited from 11:00pm to 8:00am daily (or to 9:00am on Sundays or Holidays).
- Noise emissions resulting from persistent or repetitive yelling, shouting, hooting, whistling, or singing are prohibited from 11:00pm to 8:00am daily (or to 9:00am on Sundays or Holidays).
- Noise from emissions from the operation of any equipment in connection with construction are prohibited from 9:00pm to 7:00am daily (8:00am on Saturdays or to 9:00am on Sundays or Holidays).

The Noise By-Law does not include any objective sound level criteria for the assessment of noise emissions from commercial/industrial operations; therefore, sound level criteria contained in the Ontario Ministry of the Environment, Conservation and Parks (MECP) guideline NPC-300 "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning" (August 2013) are appropriate to be used as the basis for assessment of potential noise impacts.

2.2 Stationary Noise Limits

2.2.1 MECP Standard Limits

NPC-300 defines stationary noise sources as sound from all sources that are normally operated within the property lines of a facility. The noise impact from stationary sources is evaluated based on operations during a predictable worst-case hour. Stationary noise assessment criteria are generally determined based on the MECP's minimum exclusionary sound level limits, as presented in NPC-300, in comparison to the background sound levels experienced in the area.

The Site is in what would generally be considered a Class 1 acoustic environment as defined by NPC-300, as the acoustic environment is dominated by human activities (i.e., road traffic).

Table 2.1 below summarizes the MECP's minimum exclusionary sound level limits for Class 1 areas, which are expressed in terms of 1-hour equivalent sound levels (1-hour Leq):

Table 2.1 MECP Minimum Exclusionary Sound Level Limits for Steady Sound – Class 1 Area

Point of Reception Type	Sound Level Limits (dBA)	
	Day (7am – 11pm)	Night (11pm – 7am)
Plane of window	50	45
Outdoor space	50	--

The applicable guideline sound level limits for regular scheduled testing of emergency equipment (e.g., standby generator) are 5 dBA higher than the corresponding values above.

3. Stationary Noise Impact Assessment

3.1 Methodology

Detailed assessment of noise impacts from the Development has been carried out using CadnaA version 2023 (CadnaA). CadnaA is the industry standard for noise modelling of industrial and commercial facilities and is based on ISO standard 9613 2 “Acoustics – Attenuation of Sound during Propagation Outdoors”. CadnaA modelling assumptions used in this Study include:

- Reflection Order: A maximum reflection order of 2 was used to evaluate indirect noise impact from reflecting surfaces.
- Ground Absorption: The model was set up with conservative ground absorption coefficients of 0.0 for asphalt surfaces, and 1.0 for absorptive areas of grass.
- Receptor Elevation: POR receptor heights were modelled appropriately based on an assumed storey height of 3 m.
- Tonality: No tonal sources identified.
- Building Surfaces: The buildings are modelled as reflective surfaces.
- Topography: Ground elevation data was included in the model, obtained from Ontario GeoHub.

3.2 Stationary Noise Sources

Stationary noise sources of the Development have been assessed using assumptions described in the sections that follow. Noise source locations are identified in Figure 3.1. Source sound level data, operating conditions, and heights are included in Table B.1 of Appendix B.

3.2.1 Tractor Trailers

Heavy trucks are expected to be utilized at the Development for shipping and receiving operations. The number of truck movements was assumed to be 1 truck movement per hour during the day, and 1 truck movement per hour during the night.

3.2.2 Telehandler

GHD conducted a site visit on April 9, 2024, to observe and measure the noise emissions from typical operations of Alder Concrete Group Ltd.’s telehandler (JCB 541-70 AGRI). The same telehandler will be used in the trailer storage yard to assist with loading and unloading for concrete formwork when required at the Development. Alder Concrete Group Ltd. informed GHD that the telehandler will operate once a day for approximately 30 minutes. Based on GHD’s observations, the telehandler operations typically include 15 minutes of movement with higher associated noise emissions, and 15 minutes of idling with lower associated noise emissions. GHD conservatively modelled the 1-hour equivalent noise emissions from the telehandler based on 15 minutes total travel time and 15 minutes idling.

3.2.3 Pick-Up Trucks with Trailers

Three work crews driving pick-up trucks will exit the Site during the early morning and return in the afternoon, towing trailers containing concrete formwork, etc. GHD modelled these sources using representative sound data for medium trucks operating at an assumed 20 km/h.

3.2.4 HVAC Equipment

The Development will utilize roof-mounted heating, ventilation, and air conditioning (HVAC) equipment. GHD modelled these sources using representative sound data for office HVAC units. These units are conservatively modelled to operate continuously during the day and evening, and on a 50% duty cycle at night (30 minutes per hour).

3.3 Point of Reception Summary

The identification of appropriate sensitive point(s)-of-reception (POR) is necessary to conduct the noise assessment. A "point-of-reception" is any point on the premises of a person where sound, originating from other than those premises, is received. The point-of-reception may be located on permanent or seasonal residences, nursing/retirement homes, rental residences, hospitals, campgrounds, schools, or places of worship.

The objective of this Study is to determine the predictable worst-case 1-hour equivalent sound level (1-hour Leq) at the existing and future worst-case POR(s). The worst-case POR(s) are defined as the sensitive receptors with the greatest potential exposure to the Facility noise sources due to proximity and direct line-of-sight exposure. The worst-case sensitive POR(s) are:

- POR-01a – nearest façade of a one-storey residence at 177 Stiefelmeyer Crescent (1.5 metres [m] above grade [AG])
- POR-01b – worst-case side yard receptor at 177 Stiefelmeyer Crescent (1.5 m AG)
- POR-02 – nearest façade of a two-storey residence at 405 Snyder's Road East (4.5 m AG)
- POR-03a – nearest façade of a two-storey residence at 382 Snyder's Road East (1.5 m AG)
- POR-03b – worst-case yard receptor at 382 Snyder's Road East (1.5 m AG)
- POR-04 – nearest façade of two-storey residence at 460 Snyder's Road East (4.5 m AG)

The location of the worst-case POR(s) are identified on Figure 3.2.

3.4 Results

Using the 3D model described above, predicted noise levels at the worst-case PORs of the Development are displayed in Figure 3.3 and summarized as follows in terms of 1-hour Leq:

Table 3.1 Stationary Noise Prediction Results Summary

POR ID	Predicted Noise Level (dBA)		Sound Level Limit (dBA)		Limits Exceeded?
	Day	Night	Day	Night	
POR-01a	40	39	50	45	No
POR-01b	43	--	50	--	No
POR-02	46	45	50	45	No
POR-03a	44	44	50	45	No
POR-03b	53	--	50	--	Yes
POR-04	43	42	50	45	No

As seen above, predicted noise levels exceed the applicable sound level limits of NPC-300 at POR-03b. Therefore, noise mitigation measures must be implemented to reduce the noise levels within compliance.

3.5 Noise Mitigation Recommendations

Recommended noise control measures for the Development include one acoustic barrier. The required acoustic barrier will run along the western edge of the property (Height = 2.5 m; Length = 41 m) and will shield the neighbouring yard from noise due to operation of the telehandler at the trailer storage area. This barrier must be provided to reduce

sound levels such that they meet the NPC-300 sound level limits (described in Section 2.2). The preliminary layout of this barrier is provided in Figure 3.4.

An acoustic barrier may vary in construction, provided it meets the following requirements:

- A minimum surface density of 20 kg/m² or meet compliance with requirement and certification CAN/CSA-Z107.9-00 (R2004) – Standard for Certification of Noise Barriers (Reaffirmed 2004).
- Be structurally sound and appropriately designed to withstand wind and snow loading as applicable.
- Constructed without any cracks or surface gaps at grade. If gaps are necessary for drainage purposes, they should be minimized to mitigate the impact on the acoustical performance of the barrier.

GHD notes that there is an additional fence/wall proposed along the southern edge of the property for the purpose of signage, which is not required for compliance with NPC-300. That is, predictions without the southern fence/wall are still within the applicable sound level limits of NPC-300.

3.5.1 Mitigated Steady Noise Results

Based on the mitigation measures described above, the predicted worst-case steady noise levels at the worst-case PORs surrounding the Development are summarized as follows:

Table 3.2 *Predicted Steady Noise Levels*

POR ID	Predicted Noise Levels (dBA)		Sound Level Limits (dBA)		Limits Exceeded?
	Day	Night	Day	Night	
POR-01a	40	39	50	45	No
POR-01b	43	--	50	--	No
POR-02	46	45	50	45	No
POR-03a	42	42	50	45	No
POR-03b	47	--	50	--	No
POR-04	43	42	50	45	No

As seen above, predicted steady noise levels produced by the Development are within the applicable sound level limits at all PORs surrounding the Development with the recommended mitigation measures. Noise contour plots (day and night) are included in Figure 3.5, inclusive of mitigation measures.

4. Conclusions

The Study concludes that the proposed Development is feasible and will comply with the sound level limits of the MECP, provided that the noise controls recommended in this Study are implemented. The recommended noise controls include an acoustic barrier along the west edge of the proposed trailer parking lot.

5. References

The Corporation of the Township of Wilmot (Wilmot, 2023), By-Law No. 2023-36: *By-Law to Control Noise in the Township of Wilmot*

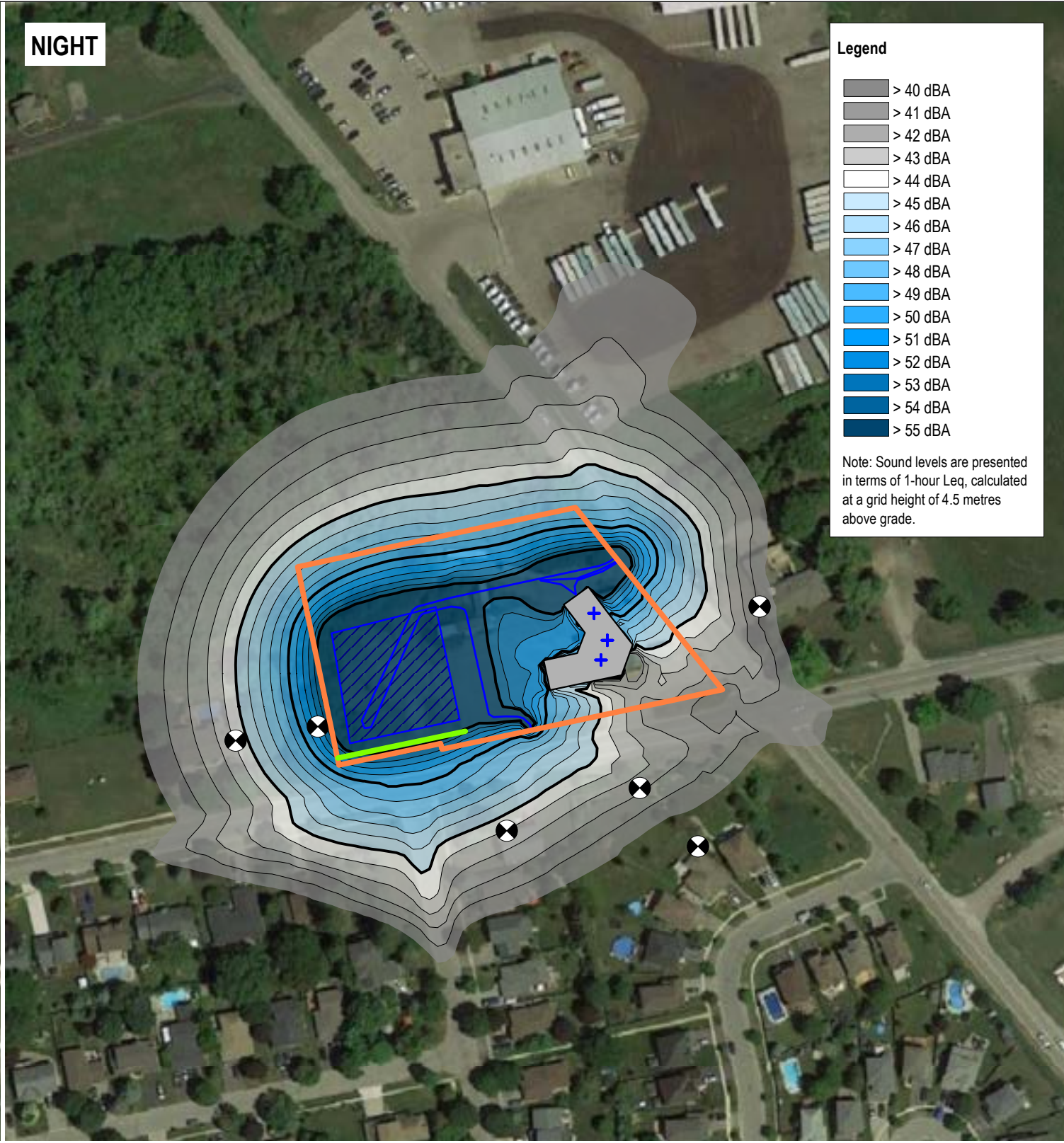
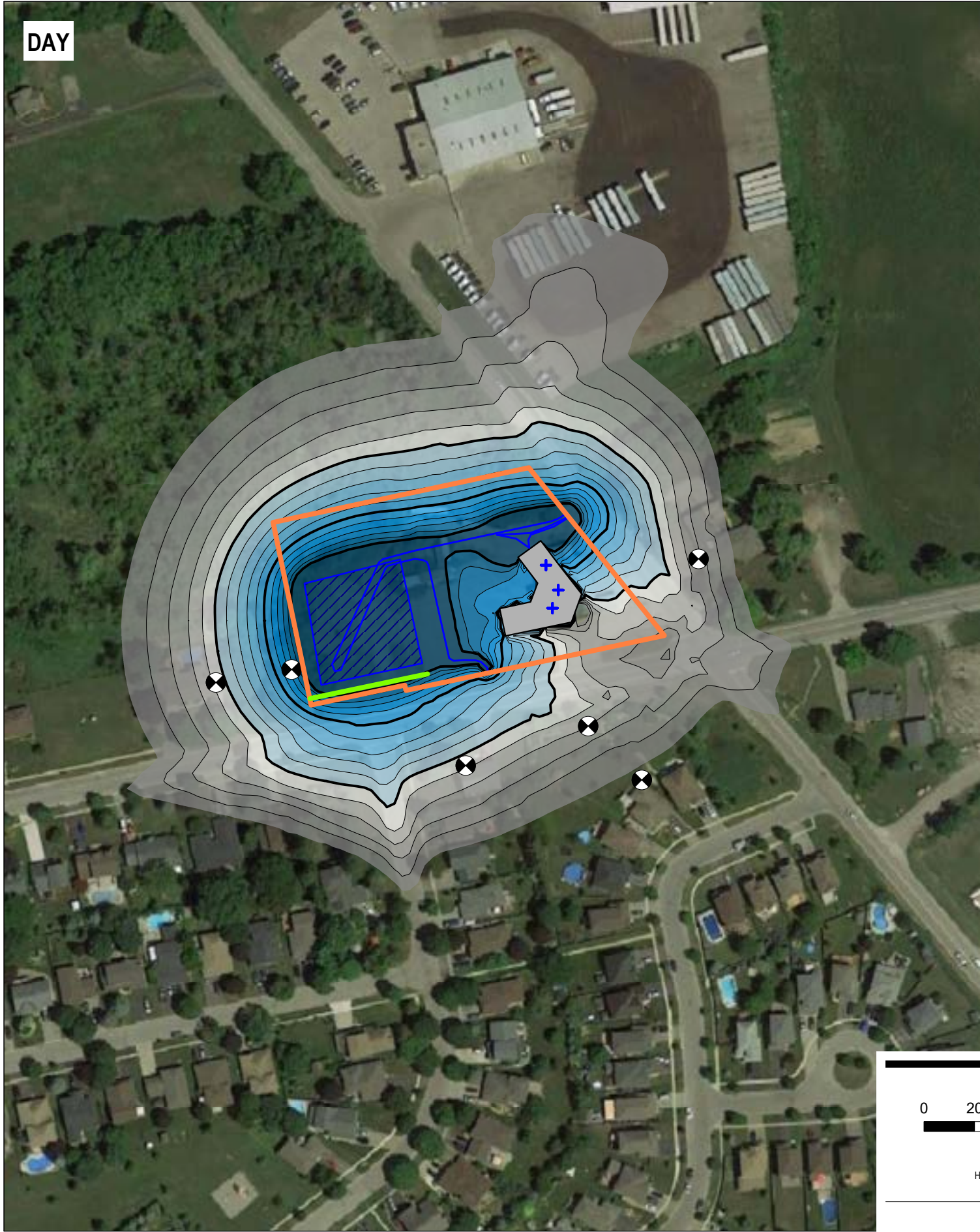
Ontario Ministry of Environment, Conservation and Parks (MECP, 2013), Publication NPC-300: *Environmental Noise Guideline: Stationary and Transportation Sources – Approval and Planning*



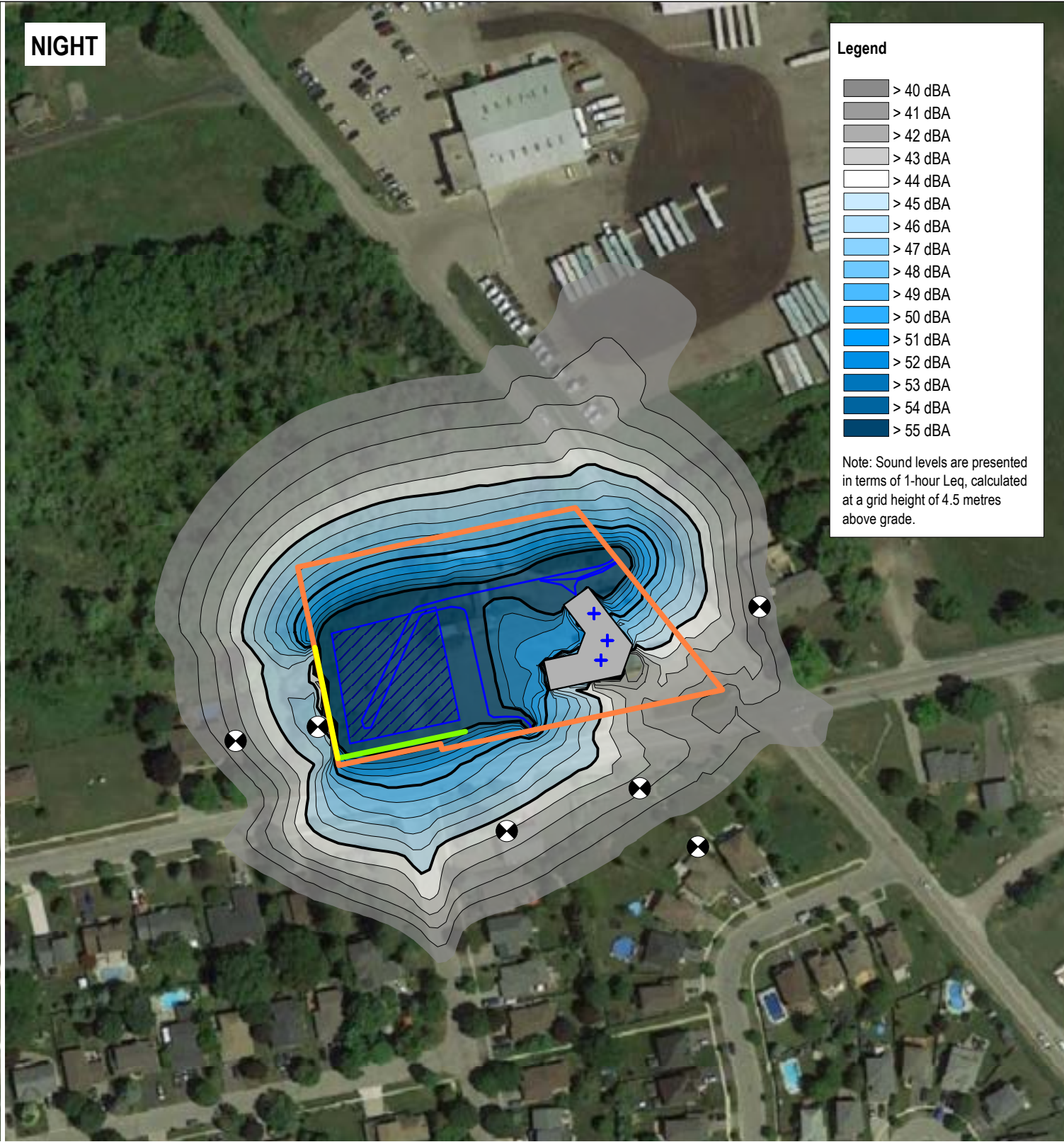
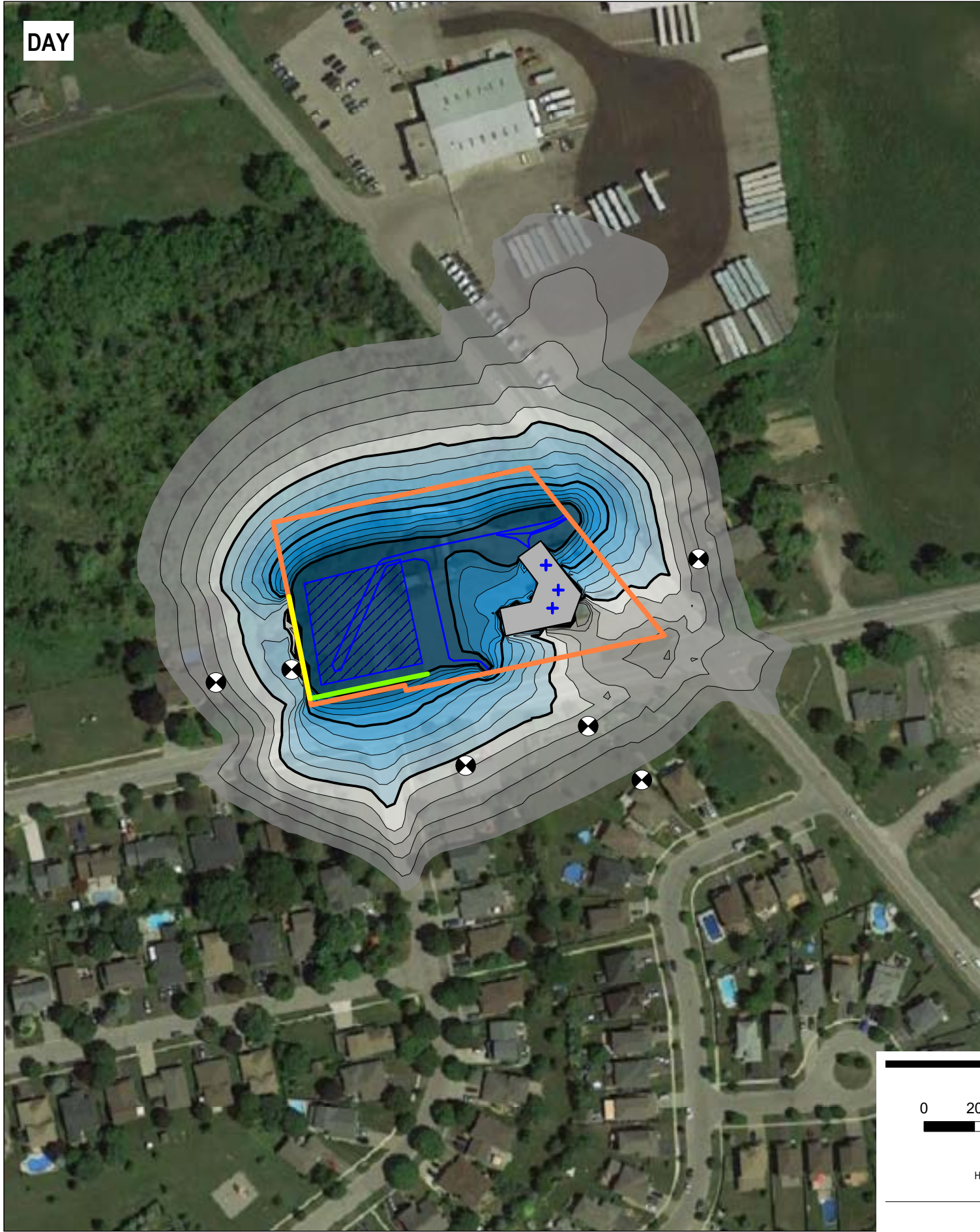
Paper Size ANSI B 0 10 20 30 40 50 m Map Projection: Transverse Mercator Horizontal Datum: North American 1983 Grid: NAD 83 UTM Zone 17N	N 	NOISE IMPACT STUDY ALDER CONCRETE GROUP LTD. 430 SNYDER'S ROAD E KEY PLAN	Project No. 12631944 Revision No. - Date 12.07.2024 FIGURE 2.1
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Paper Size ANSI B
0 20 40 60 80 100 m

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 83 UTM Zone 17N



NOISE IMPACT STUDY
ALDER CONCRETE GROUP LTD.
430 SNYDER'S ROAD E

STATIONARY NOISE: MITIGATED
OFFICE NOISE CONTOUR PLOT

Project No. 12631944
Revision No. -
Date 12.07.2024

FIGURE 3.5

\\ghdnet\ghd\CAI\Waterloo\Projects\662\12631944\Tech\Noise\CadnaA\12631944_430Snyder_V2024.03.cna
Data source: Google Satellite

Appendices

Appendix A

Zoning Map and Development Drawings



DRAWING LIST	
ARCHITECTURE	
A000	COVER SHEET
ARCHITECTURE	
A101	SITE PLAN, KEY PLAN, STATISTICS
A201	LEVEL 1 and 2 - FLOOR PLAN
A202	LEVEL 3 and 4 - FLOOR PLAN
A203	ROOF PLAN
A401	EXTERIOR ELEVATIONS
A501	BUILDING SECTIONS
A601	VISUALIZATION



FRITZ-ALDER PRECAST
FRITZ-ALDER OFFICE BUILDING
430 SNYDER'S RD E, BADEN

WalterFedy Project No.: 2023-0535-10
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* Previously approved minor variances include front yard setback reduction from 7.6m to 3.048m.
 **Min. sideyard for main building equal to 1/2 building height but in no case less than 3m.
 ***Max. main building height is two (2) storeys.

All outdoor storage shall be located in the side or rear yard and shall not be located within 4.5m of any lot line.

All outdoor storage areas shall be enclosed within a solid wall or fence with a minimum height of 1.8m in order to shield such areas from public view.

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PROJECT

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430 SNYDER'S RD E, BADEN

SITE PLAN, KEY PLAN, STATISTICS

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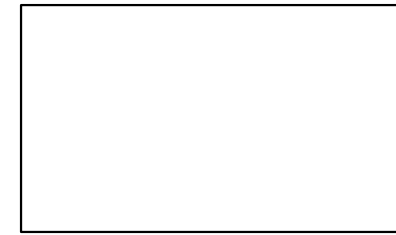
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KEYPLAN



No.	ISSUANCE	DATE
1	Issued for Re-Zoning	2024-07-11

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TITLE
LEVEL 1 and 2 - FLOOR PLAN

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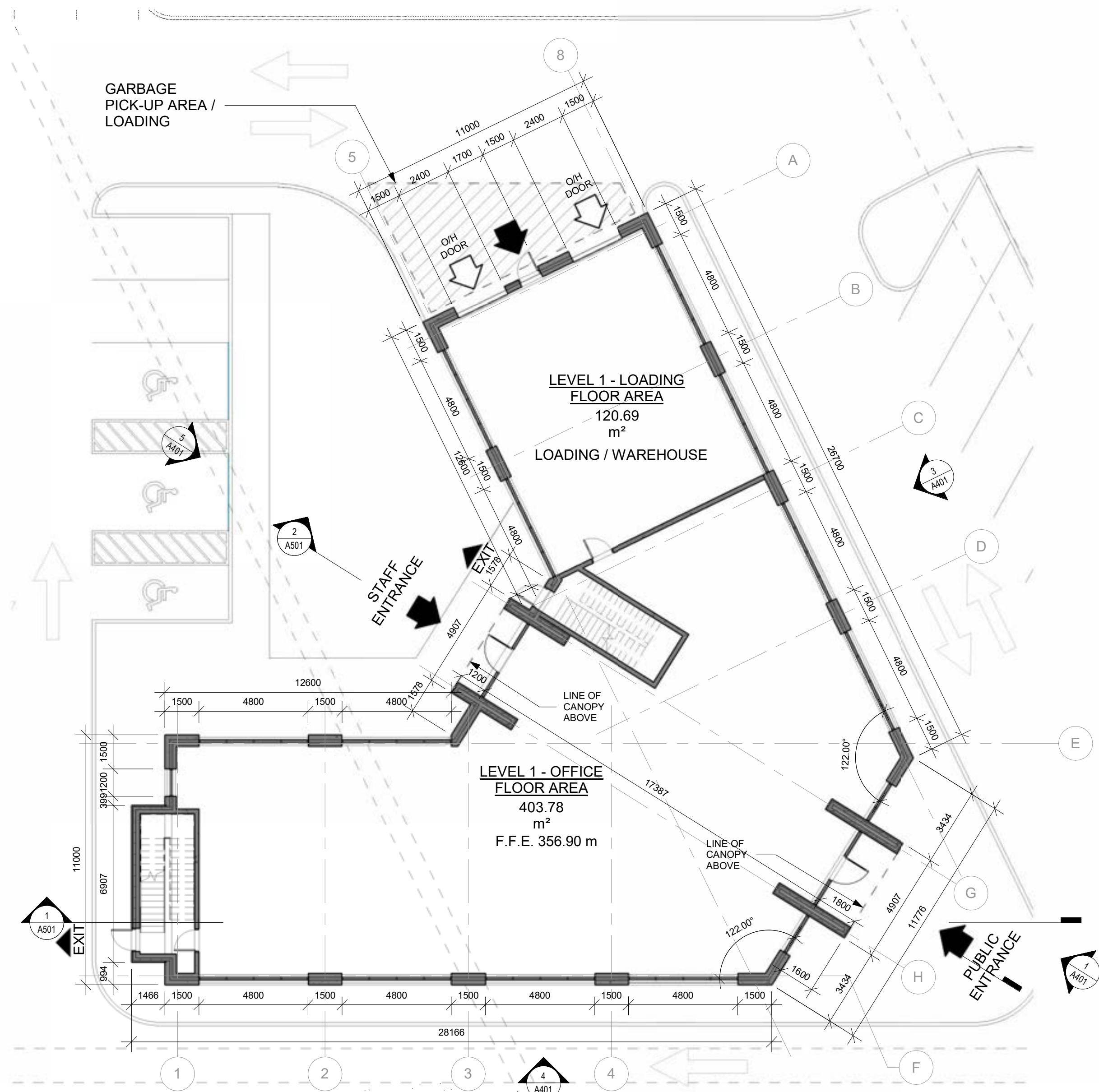
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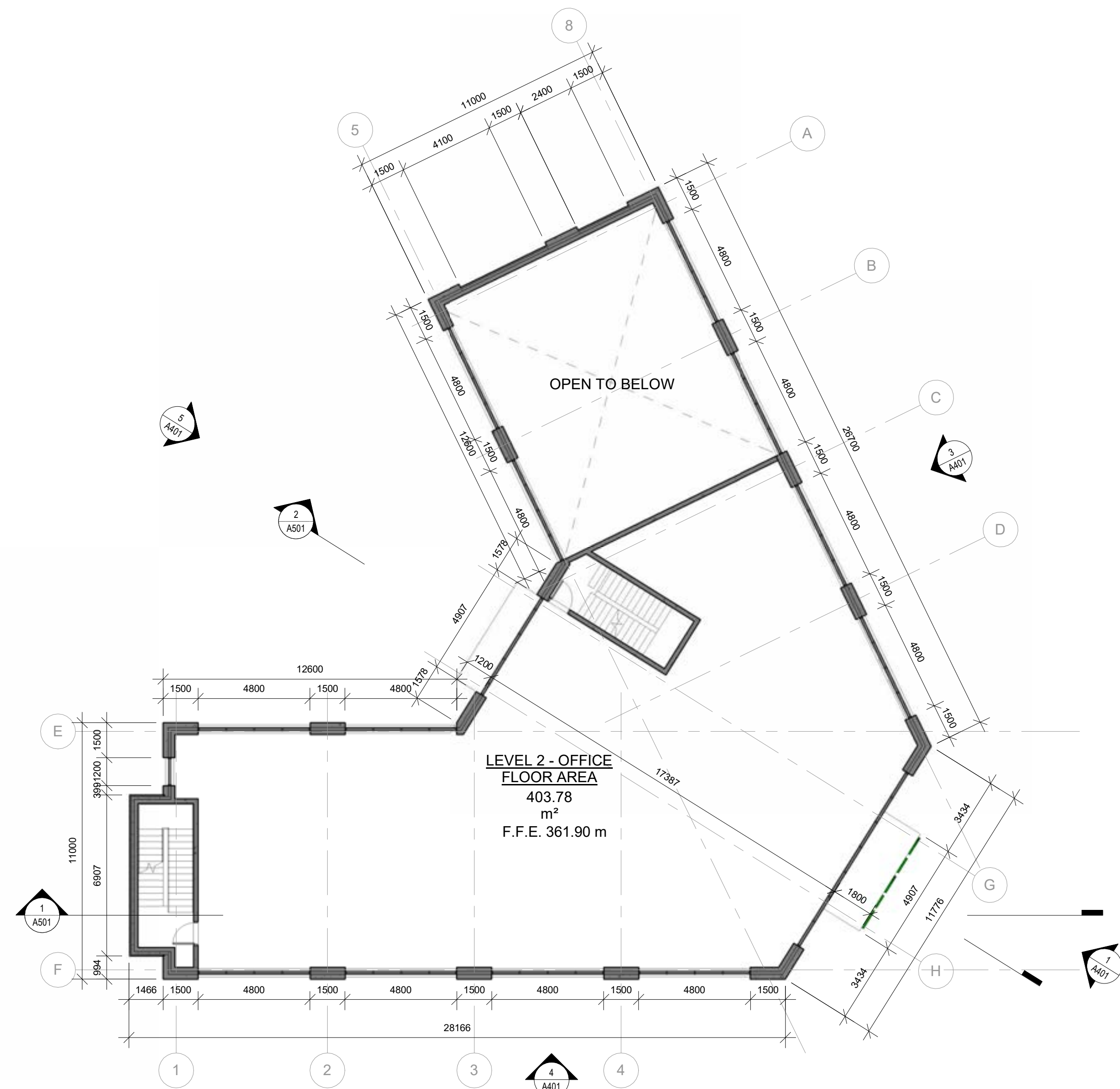
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A201



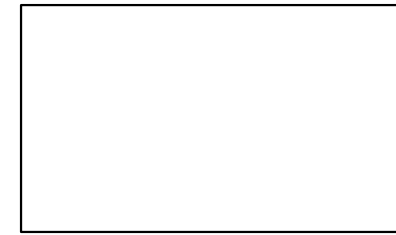
1
Ground Level Plan
Scale: 1 : 150



2
Second Level Plan
Scale: 1 : 150



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LEVEL 3 and 4 - FLOOR PLAN

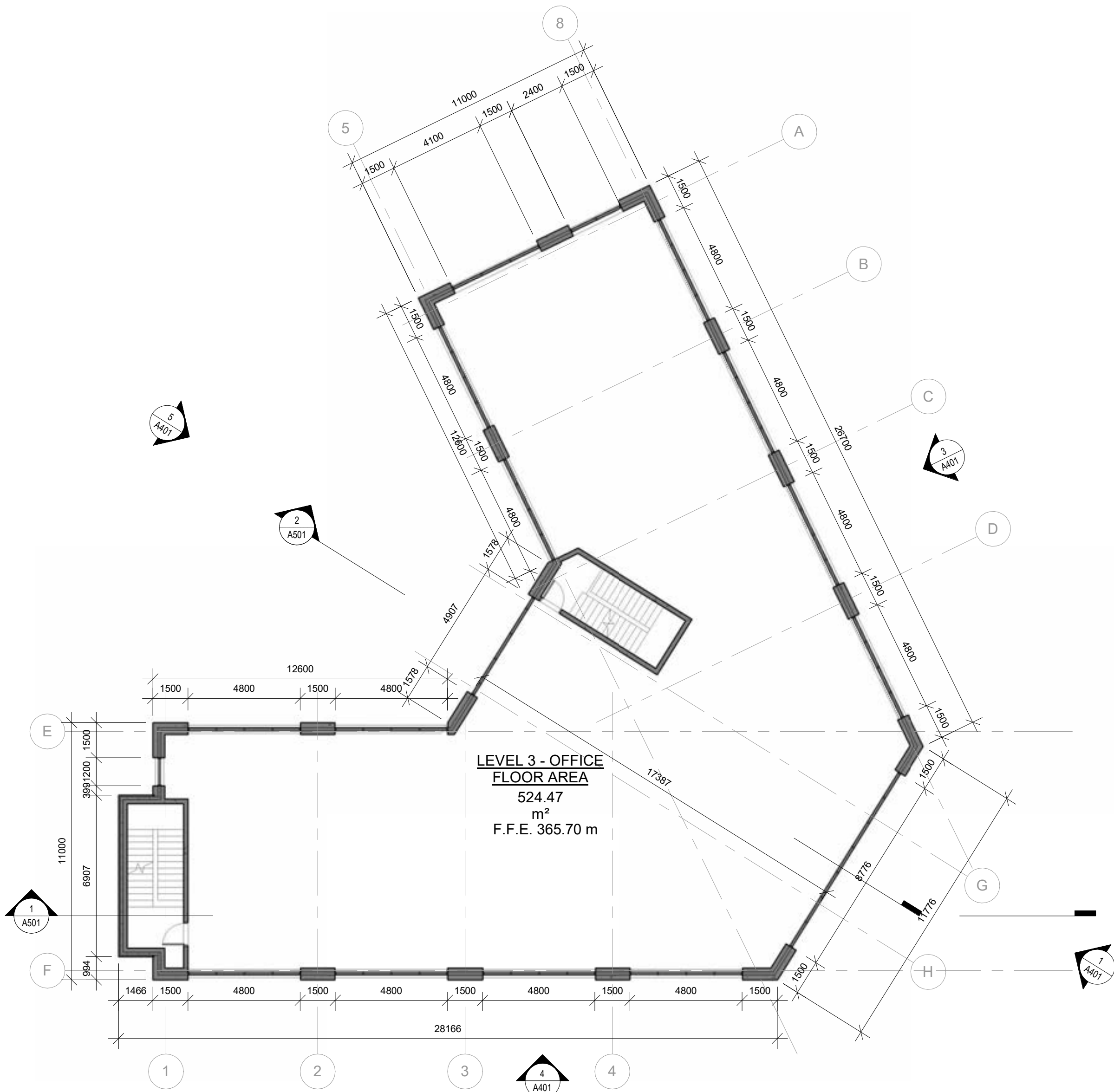
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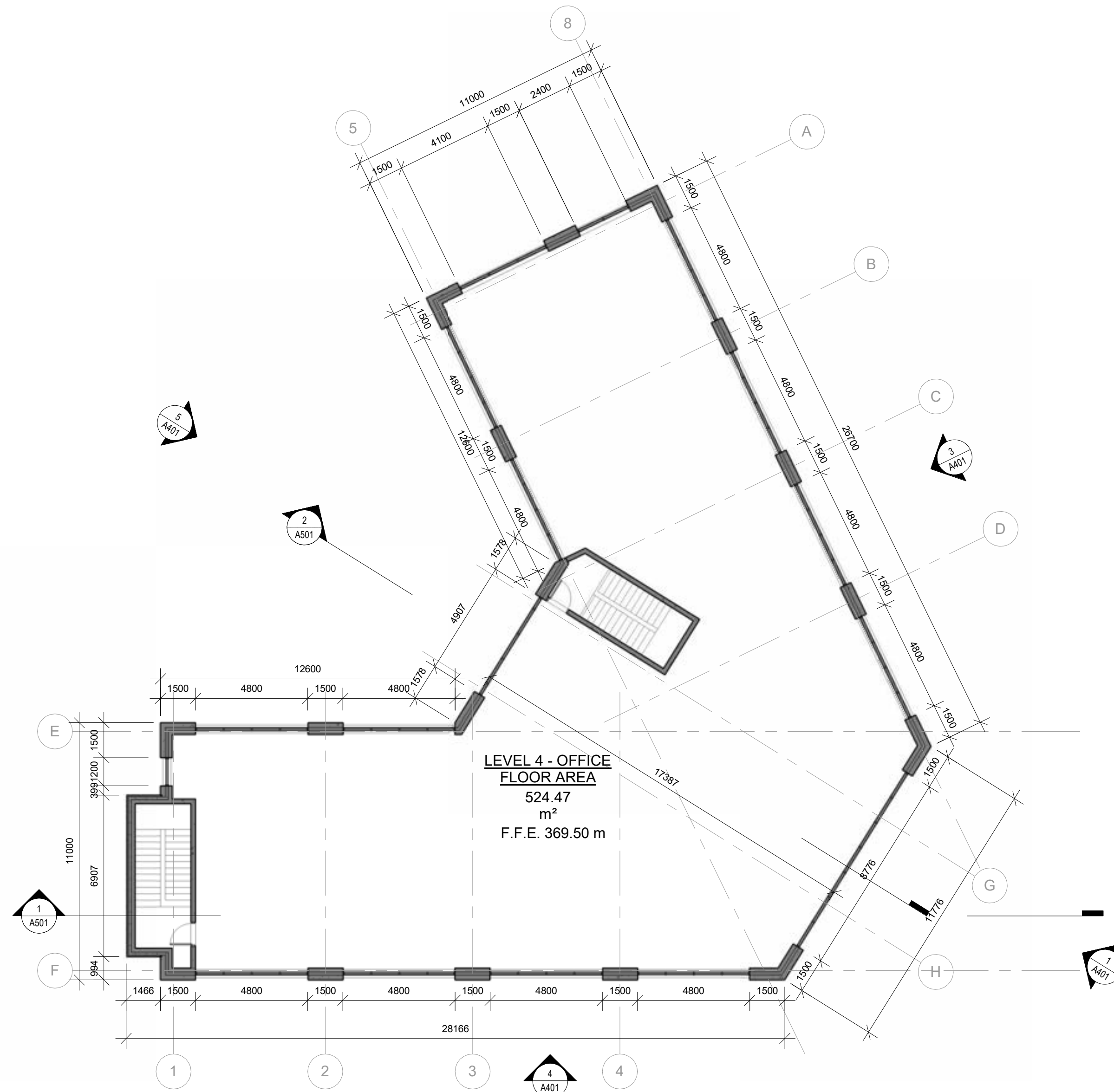
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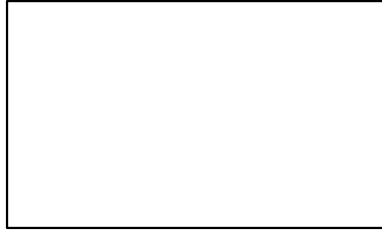
1 Third Level Plan
A202 Scale: 1 : 150



2 Fourth Level Plan
A202 Scale: 1 : 150



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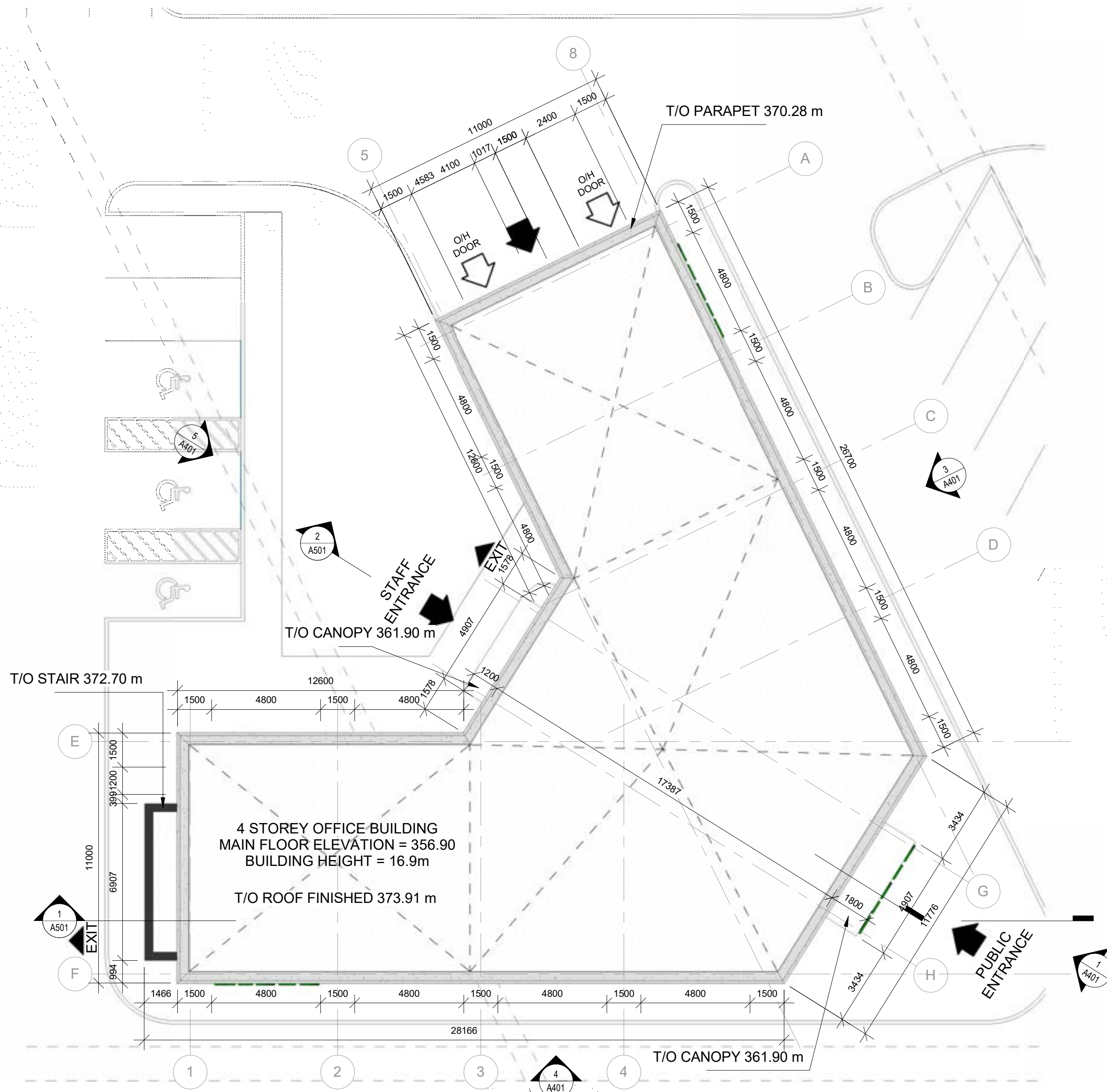
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ROOF PLAN

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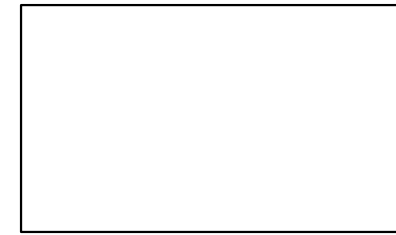
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1 Roof Plan
A203 Scale: 1 : 150



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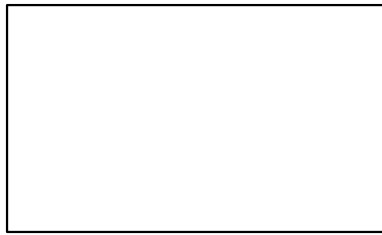
BUILDING ELEVATION LEGEND:

1. THERMALLY BROKEN ANODOIZED ALUMINUM CURTAIN WALL FRAME - CHARCOAL
2. CLEAR GLAZING
3. BACKPAINTED SPANDREL GLAZING UNIT
4. CONCRETE PANEL - GREY
5. CONCRETE PARAPET CAP - GREY
6. CONCRETE PANEL - CHARCOAL
7. PRE-FINISHED METAL CAP FLASHING C/W DRIP EDGE - CHARCOAL
8. INSULATED METAL OVERHEAD DOOR - CHARCOAL
9. BUILDING SIGNAGE - ALDER GREEN





KEYPLAN



No.	ISSUANCE	DATE
1	Issued for Re-Zoning	2024-07-11

DISCLAIMER:
NOT FOR CONSTRUCTION

CLIENT
FRITZ-ALDER PRECAST

1-617 Colby Dr, Waterloo, ON N2V 1Y9

PROJECT
FRITZ-ALDER OFFICE BUILDING

430 SNYDER'S RD E, BADEN

TITLE
BUILDING SECTIONS

WALTERFEDY
KITCHENER | HAMILTON | TORONTO | CALGARY
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800.685.1378 walterfedy.com

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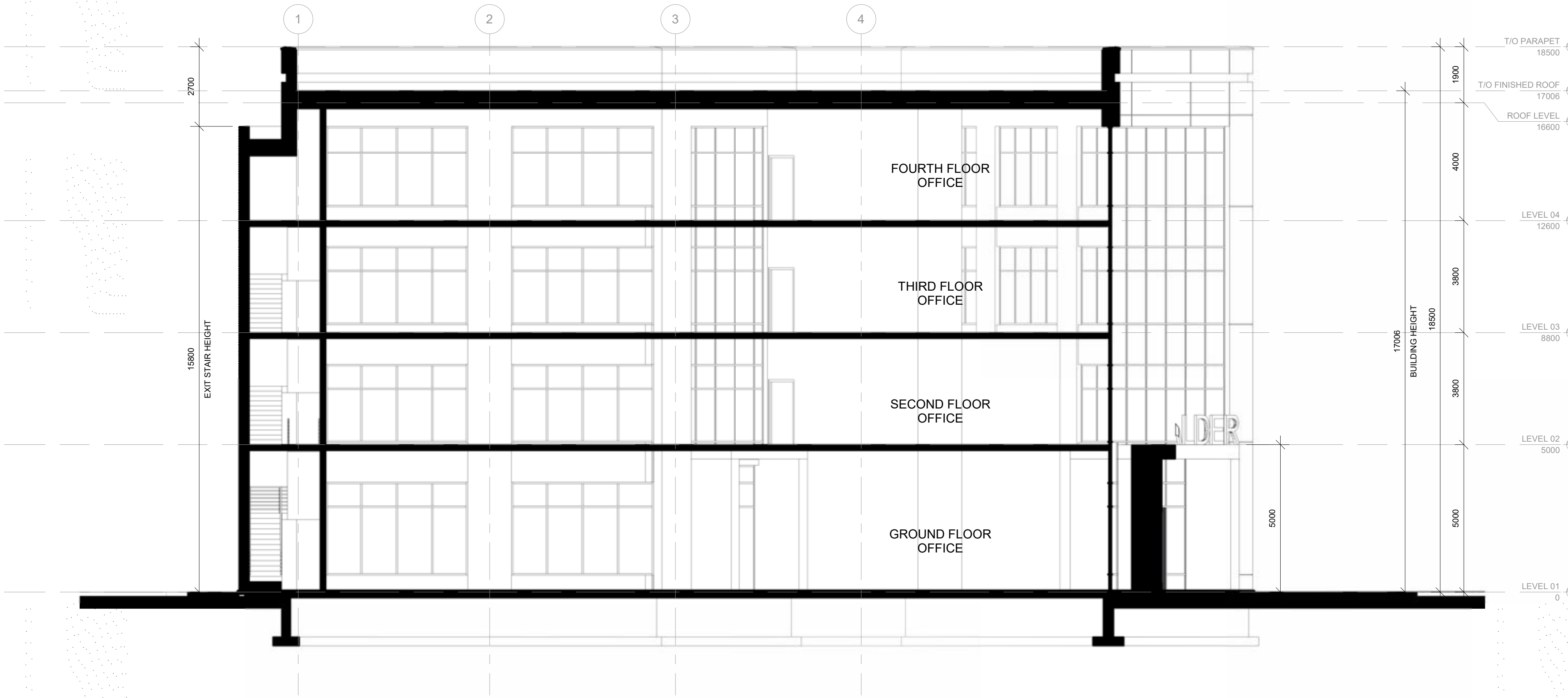
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SCALE:	1 : 100	SHEET NO:
DATE:	2024-02-23	
PROJECT NO:	2023-0535-10	
DRAWN BY:	KT	
CHECKED BY:	BG	

A501



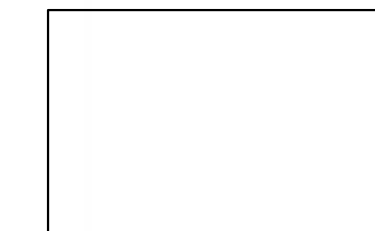
2 Section - Entry
A501 Scale: 1 : 100



1 Section - East-West
A501 Scale: 1 : 100



KEYPLAN



No.	ISSUANCE	DATE
1	Issued for Re-Zoning	2024-07-1

DISCLAIMER:
NOT FOR CONSTRUCTION

CLIENT

FRITZ-ALDER PRECAST

1-617 Colby Dr, Waterloo, ON N2V 1Y9

PROJECT

FRITZ-ALDER OFFICE BUILDING

430 SNYDER'S RD E, BADEN

TITLE
VISUALIZATION

WALTERFEDY
KITCHENER | HAMILTON | TORONTO | CALGARY
A PART OF WF GROUP
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5

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SCALE :	
DATE :	2024-02-23
PROJECT NO :	2023-0535-10
DRAWN BY :	KT
CHECKED BY :	BG

SHEET NO

A601

Appendix B

Noise Source Summary

Table B.1
Noise Source Sound Level Summary
Alder Concrete Group Ltd.
430 Snyder's Road East, Baden, Ontario

Cadna A ID	Noise Source Description		1/1 Octave Band Data									Unadjusted Total Sound Power Level (dBA)	Tonal Penalty Assessment		Height Absolute (m)	Operating Time Day/Eve/Night (min)	Vehicle Volumes Day/Eve/Night (veh/hr)	Speed Reference/Comments (km/hr)
			32	63	125	250	500	1000	2000	4000	8000							
A-01	Telehandler Movement	PWL (dB)	-12.7	90.3	102.3	93.3	94.3	90.3	88.3	84.3	74.3	104.0	No	0	356.9	15/0/15	—	— GHD Site Measurement April 9, 2024
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	-52.1	64.1	86.2	84.7	91.1	90.3	89.5	85.3	73.2	96.4						
A-02	Telehandler Idling	PWL (dB)	86.7	82.7	87.7	96.2	82.4	81.1	78.7	73.3	63.8	97.6	No	0	356.9	15/0/15	—	— GHD Site Measurement April 9, 2024
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	47.3	56.5	71.6	87.6	79.2	81.1	79.9	74.3	62.7	89.7						
L-01	Pickup Truck Movement	PWL (dB)	39.4	104.4	99.4	92.4	94.4	91.4	90.4	87.4	78.4	106.4	No	0	357.5	—	3/0/3	20 GHD Reference Spectra
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	—	78.2	83.3	83.8	91.2	91.4	91.6	88.4	77.3	97.3						
L-02	Heavy Truck Movement	PWL (dB)	30.6	116.6	111.6	104.6	106.6	103.6	102.6	99.6	90.6	118.6	No	0	358.1	—	1/0/1	Referenced from US Federal Highway Administration (FHWA) Traffic Noise Model (TNM) Technical Manual, December 2019 20 Heavy Trucks: Cruise Throttle - TNM Technical Manual, Figure 6, p. 26
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	—	90.4	95.5	96.0	103.4	103.6	103.8	100.6	89.5	109.5						
S-01	Rooftop HVAC	PWL (dB)	—	97.6	90.4	85.7	84.8	83.9	77.5	71.3	65.8	98.9	No	0	364.2	60/60/30	—	— GHD Reference Spectra
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	—	71.4	74.3	77.1	81.6	83.9	78.7	72.3	64.7	87.6						
S-02	Rooftop HVAC	PWL (dB)	—	97.6	90.4	85.7	84.8	83.9	77.5	71.3	65.8	98.9	No	0	370.1	60/60/30	—	— GHD Reference Spectra
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	—	71.4	74.3	77.1	81.6	83.9	78.7	72.3	64.7	87.6						
S-03	Rooftop HVAC	PWL (dB)	—	97.6	90.4	85.7	84.8	83.9	77.5	71.3	65.8	98.9	No	0	370.1	60/60/30	—	— GHD Reference Spectra
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1							
		PWL (dBA)	—	71.4	74.3	77.1	81.6	83.9	78.7	72.3	64.7	87.6						

Appendix C

Consultant's Declaration

CANADA

PROVINCE OF ONTARIO

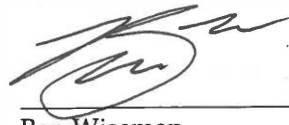
) In the Matter of the
) Environmental Protection
) Act and the Planning Act
)
)
) And in the Matter of
) 430 Snyder's Road East
) in the Township of Baden
) in the Regional Municipality
) of Waterloo

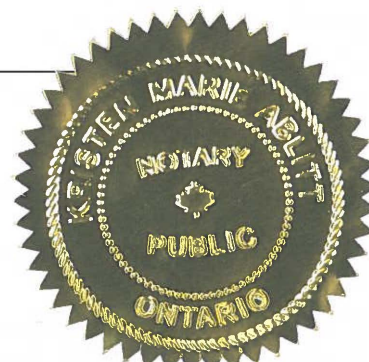
I, Ben Wiseman, of the City of Kitchener, in the Regional Municipality of Waterloo, SOLEMNLY
DECLARE THAT:

1. I am an Acoustic Specialist with a Professional Engineering License, license number 100216175, issued through the Ontario Professional Engineers Act by Professional Engineers of Ontario (PEO) employed by GHD Limited (GHD) which holds a Certificate of Authorization and have personal knowledge of the matters set out below.
2. I was retained or employed as the principal consultant to undertake the assessment of noise impacts and recommendation of noise mitigation measures for the property described as 430 Snyder's Road East, Baden, Ontario.
3. I have the expertise required to perform these services. Any assessment activities or recommendations requiring the application of engineering principles have been undertaken or supervised by an engineer qualified to perform such services.
4. The information used in the report entitled "Noise Impact Study" dated April 17, 2024, is the best available information as of the date of the study.
5. The noise level calculations, the interpretation of noise attenuation requirements, and the recommended measures are in accordance with Ontario Ministry of Environment Guidelines, Region of Waterloo policies, and any applicable policy or guidelines of the Area Municipality, and any other applicable policy or guideline.
6. The physical noise attenuation measures proposed in this study are feasible to implement and will provide the level of attenuation indicated in the study.
7. I acknowledge that this study may be subject to peer review at my cost.
8. I acknowledge that public authorities and future owners, occupants and others may rely on this statement.

AND I make this solemn Declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

DECLARED before me at the City
of Waterloo, in the Regional
Municipality of Waterloo
This 17th day of April, 2024

)
)
)
) 
) Ben Wiseman



Appendix D

Owner's Statement

Name: Alder Concrete Group

Address: Waterloo Ontario

Re: Updated Noise Impact Study for the Proposed Residential Development at 430 Snyder's Road East in Baden, Ontario

OWNER'S STATEMENT

I am the owner of the property, or the owner's agent, and that I understand and agree with the noise assessment and potential attenuation measures detailed in the study entitled "Updated Noise Impact Study" dated April 17, 2024, for the proposed residential development located at 430 Snyder's Road East, Baden, Ontario.

If the application is changed in a way that may affect the noise level calculations, I will have a revised noise study submitted to the Region of Waterloo.

Adam Baier, Alder Concrete Group
Managing Partner

Name



Signature

April 17, 2024

Date

