

	DATE: -	EBRU	ARY 22, 20		A. ABDELSHAHID ONTARIO LAND SURVEYOR	
A. AZIZ SURVEYORS INC ONTARIO LAND SURVEYORS 120 NEWKIRK ROAD- #31, RICHMOND HILL, ONT. L4C-9S Tel. (905) 237-8224 Fax: (416) 477-5465 Website : M-Azizsurveyors.ca E-Mail : aziz@m-azizsurveyors.ca						
	PROJECT NUMBER			PROJECT		
	22	22-030		565 WEIR AVENUE (SR-PR)		
	DRAWN	ΒY	JVD	CHECKED BY	A.A	

2. THE SURVEY WAS COMPLETED ON THE 14th DAY OF FEBRUARY, 2022

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 REGULATIONS MADE UNDER THEM. 2. THE SURVEY WAS CONTENED ON THE 14th DAY OF FERDILARY

207.36 (CALC FRO N44'19'29"W (MS) N44'19'00"W (RP)

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GEODETIC: * ELEVATIONS SHOWN GEODETIC DRIVEN FROM TOWN OF OAKVILLE BENCH MARK #0011922U2421, ELEVATION 81.84M. IB DENOTES IRON BAR CALC " CALCULATION OU " ORIGIN UNKNOWN MS " MEASURED DT. " DECIDUOUS TREE OT. " DECIDUOUS TREE OT. " DECIDUOUS TREE OT. " CONIFEROUS TREE TRUNK CT. " CONIFEROUS TREE TRUNK CT. " CONIFEROUS TREE TRUNK G" ELECTRICAL BOX " UTILITY BOX " HYDRO POLE " LINE OF TREES " FRAME " STONE " DOOR SILL LEGEND: LEGEND: ■ DENOTES SURVEY MONUMENT FOUND □ "SURVEY MONUMENT SET SIB "STANDARD IRON BAR N.E.S.W "NORTH, EAST, SOUTH, WEST BF "BOARD FENCE RP "REGISTERED PLAN 619 P "SURVEY BY H.D. SEWELL O.L.S., DATED AUGUST 22, 1956 P1 "SURVEY BY GTA SURVEYING INC., O.L.S., DATED AUGUST 22, 2016 P2 "SURVEY BY J.H. GELBLOOM SURVEYING LTD., O.L.S., DATED JANURY 9, 2020 GTA "GREATER TORONTO ACRES SURVEYING INC., O.L.S. NTS "NOT TO SCALE

BEARING ANDE * BEARING ARE ASTRONOMIC AND ARE REFERRED TO THE NORTH EASTERLY LIMIT OF WEIR AVENUE HAVING A BEARING OF N44'19'00"W AS SHOWN ON REGISTERED PLAN 619.

PART 2 : REPORT * THIS REPORT WAS PREPARED FOR MOHAMADREZA ZIAI, AND THE UNDERSIGNED ACCEPTS NO RESPONSIBILITY FOR ITS USE BY OTHER PARTIES. BOUNDARIES * LOT 46, REGISTERED PLAN 619. * LOT 46, REGISTERED PLAN 619.
 TITLE SEARCH INDICATES
 * SUBJECT TO AN EASEMENT AS IN INST. # 42442 AND 50881.
 ZONING
 * NO INVESTIGATION WITH RESPECT TO MUNICIPAL ZONING BY LAW HAS BEEN MADE FOR THE SUBJECT PROPERTY (PROPERTIES).
 FENCES
 * PLEASE NOTE THE POSITION OF THE FENCES IN RELATION TO THE SOUTHERLY, NORTHERLY, EASTERLY & WESTERLY BOUNDARIES; THEY ARE LOCATED OVER THE SUBJECT BOUNDARIES TO THE EXTENT SHOWN ON THE PLAN.
 BEARING NOTE

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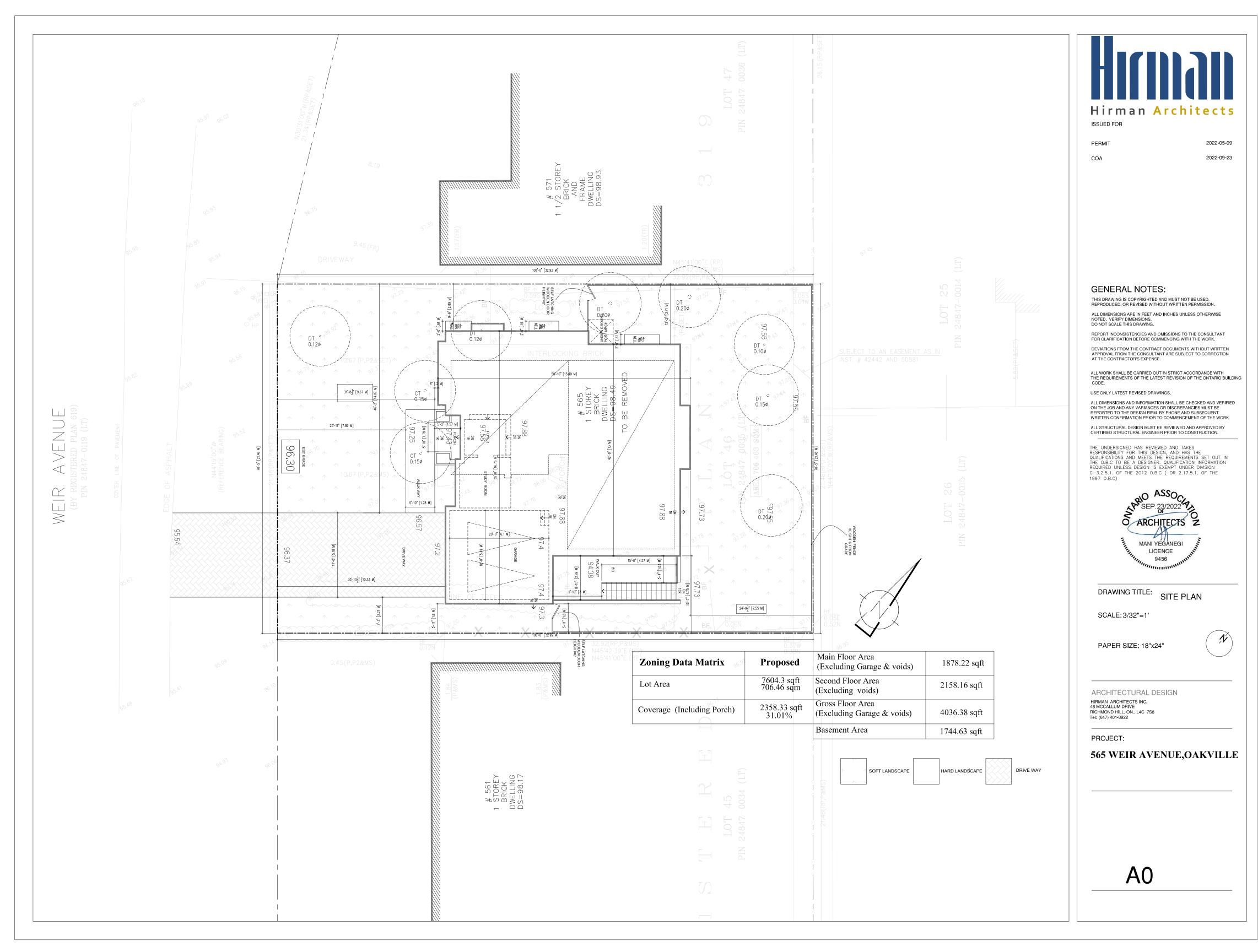
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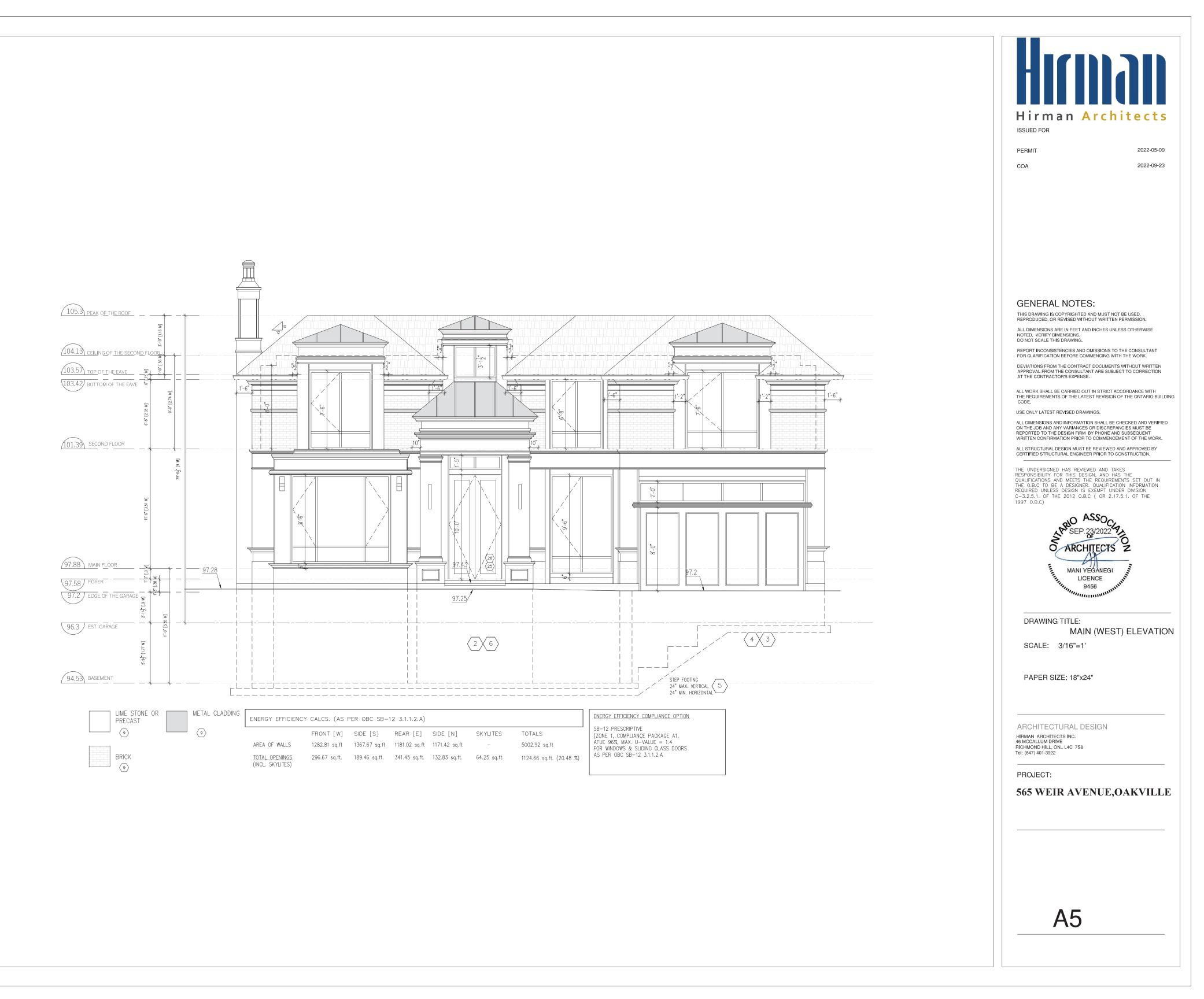
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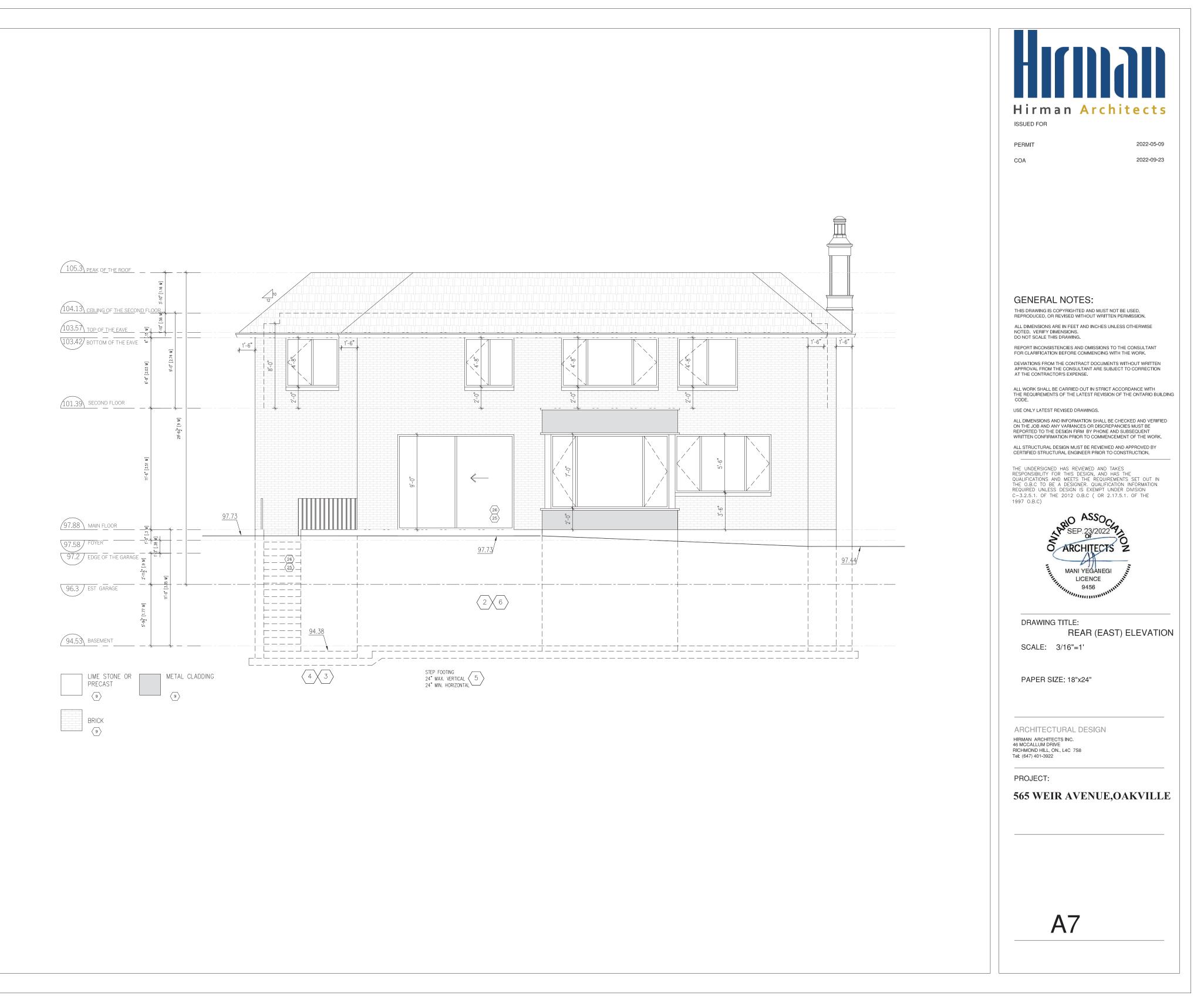
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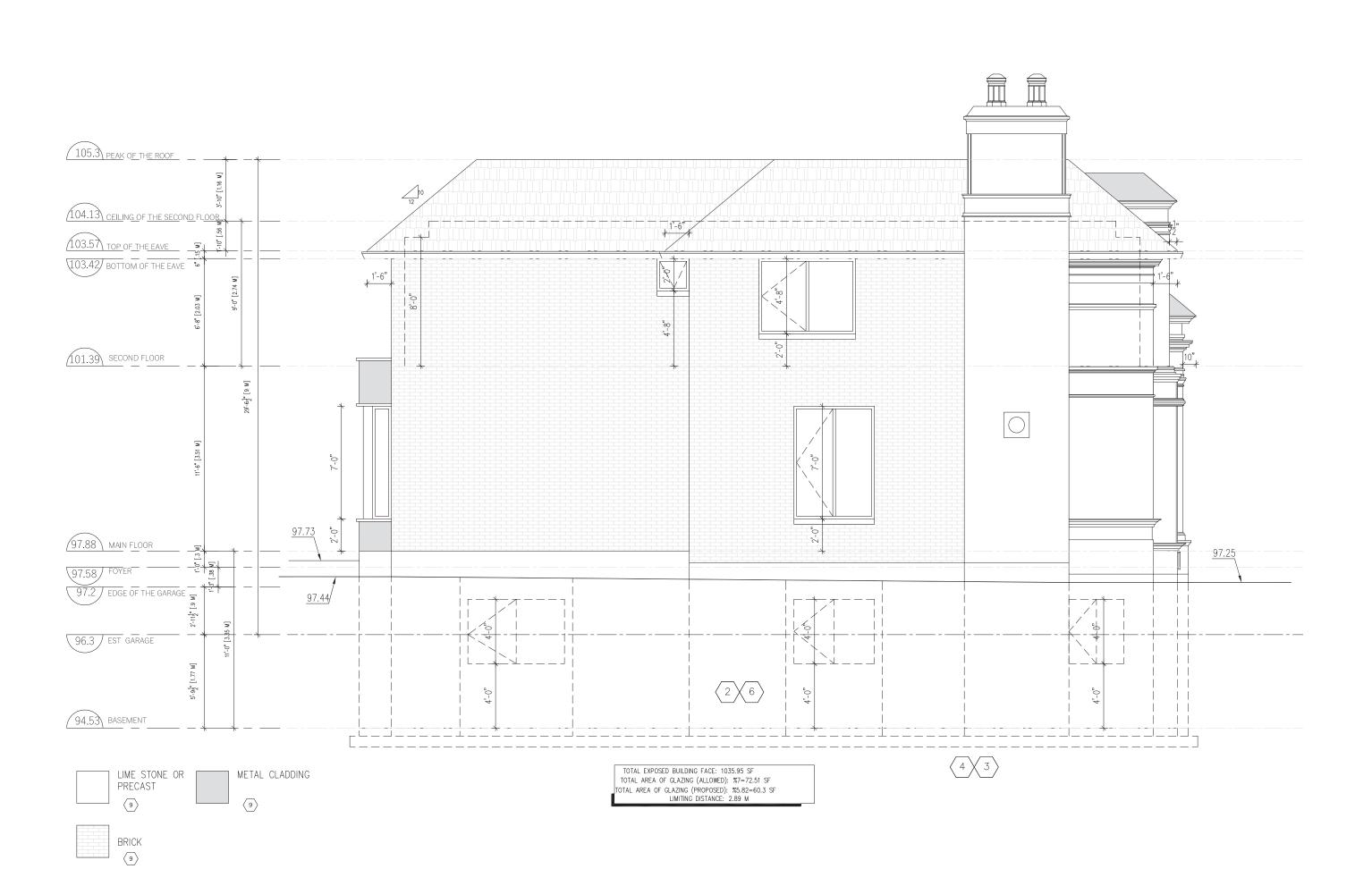
PLAN OF LOT 46

REGISTERED PLAN 619

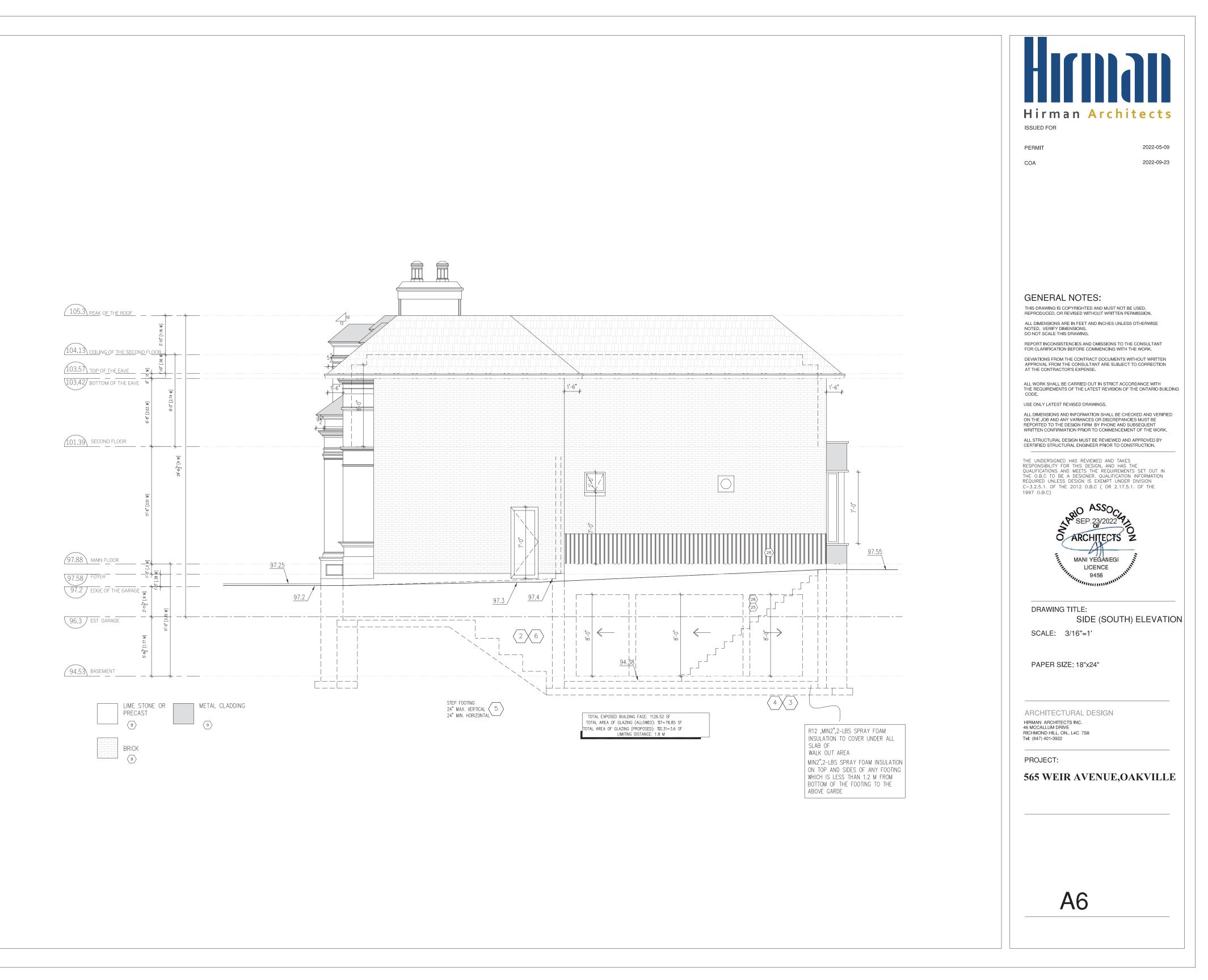


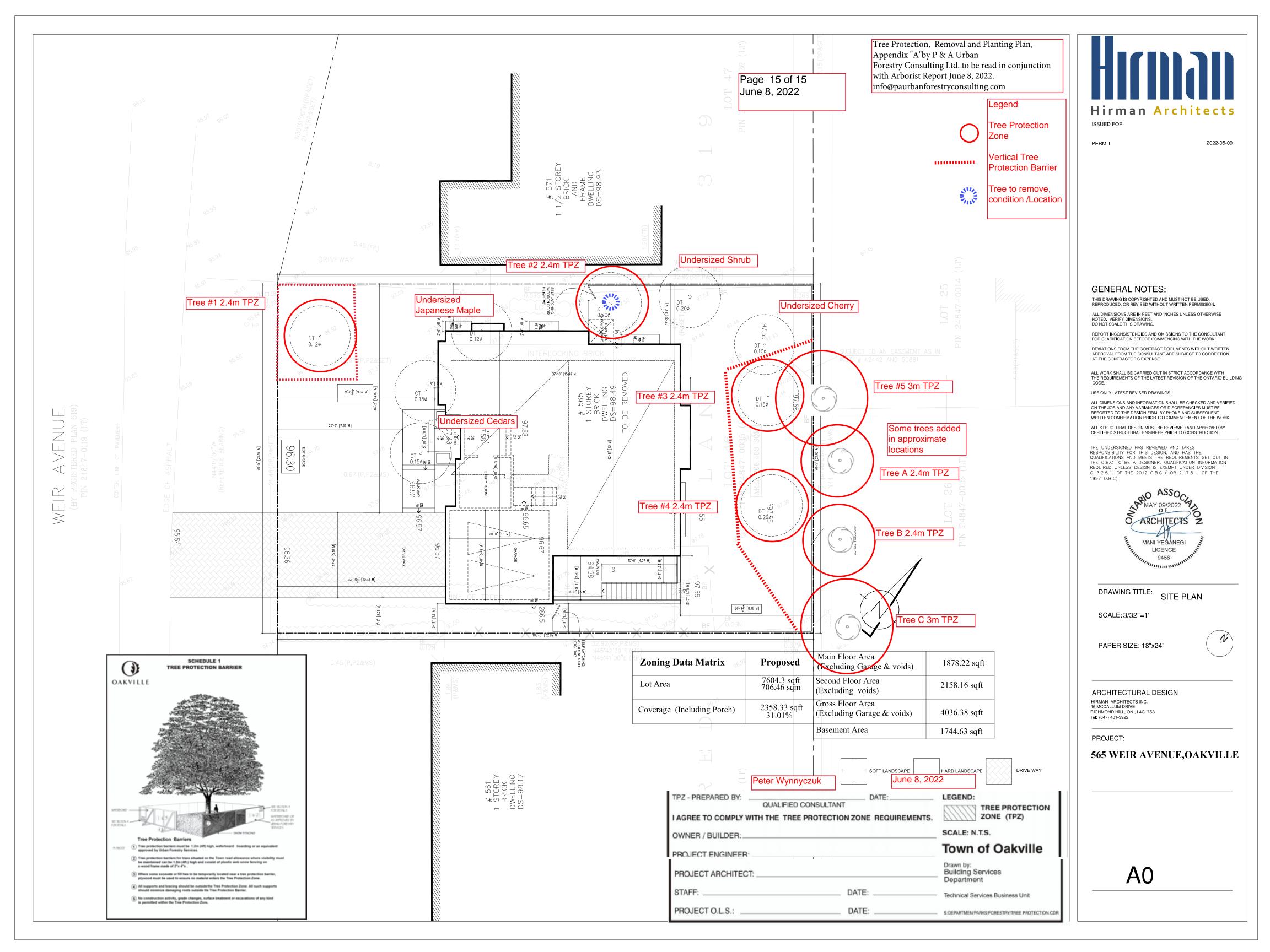






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46 MCCALLUM DRIVE RICHMOND HILL, ON., L4C 7S8 Tel: (647) 401-3922 PROJECT:
505 WEIK AVENUE, UAKVIL





Prepared For:

Hamid Smith

RE: 565 Weir Avenue

Oakville, L6L 4X3

June 8, 2022

Prepared By: Peter Wynnyczuk

Certified Hazard Risk Assessor, ISA Utility Arborist #400113535 under MTCU Province of Ontario Butternut Health Assessor #591 ISA Certified Arborist ON-2067A

P & A Urban Forestry Consulting Ltd. Specializing in Tree Assessment Cell 416 399-4490 Email: <u>peter@paurbanforestryconsulting.com</u> paurbanforestryconsulting.com Report #1466a
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Trees on Property Overview and Pictures9-14
565 Weir Avenue Tree Protection and Removal Plan Appendix "A", June 8, 202215 (Separate PDF Plan)

Introduction

P & A Urban Forestry Consulting Ltd. was contacted by Mr. Mani Yeganegi, on behalf of the owner, Mr. Smith to identify, note condition of trees, and impacts related to the proposed house demolition, new house and pool/amenity area.

This Report is based on the information provided by;

1) Site Plan Full set, Hirman Architects, dated May 9, 2022

If other relevant information becomes available or there are revisions, it maybe necessary to review and update the Arborist Report accordingly.

Tree Information Collection Process and Review

A site inspection and data collection/photos were carried out on June 6, 2022, using ground visual means to assess the trees both on and adjacent to the site in Winter condition.

Details on the trees are provided in the 565 Weir Avenue Tree Inventory/Action Table 1., below, which is to be read in conjunction with the 565 Weir Avenue Tree Protection and Removal Plan Appendix "A". All the documents/plans have to be read in conjunction with each other.

The condition factors are based on general definitions as noted below.

Good – tree exhibits expected growth and tree condition for size.

Fair- there may be some structural issues that do not affect integrity of the tree, reduced growth for species, deadwood likely present, mechanical or human influence on tree, i.e., stubs, bark damage, some deadwood present.

Poor- Tree is surviving, some issues with tree integrity, significant deadwood, reduced canopy through dieback, insect or disease issues

Hazardous/Dead- Tree has obvious structural defects that are of concern to person or property, i.e., large hangars over areas of public or private use or the dead tree exhibited bark loss on trunk and/or no signs of life under the bark or on the twigs.

There was no invasive procedures or excavation related to tree assessment carried out to determine trees integrity or potential root issues, as this was not identified in the scope of the project.

General observations of the Site

The site is located on the East side of the street and elevated front yard, rear yard is relatively flat.

Tree Protection Bylaw

This Arborist Report/Tree Preservation Plan was prepared to address tree saving requirements of the Town's Tree Protection Policy EN-TRE-001, Tree Protection during construction Procedure, EN-TRE-001-001, and Private Tree Protection By-Law, 2008-156 as amended 2017-038 of the Town of Oakville.

Tree Protections Zones, TPZ, are shown on the Tree Protection and Removal Plan Appendix "A", June 8, 2022, with distances for TPZ installation as noted either at, the drip line or the minimum distance as noted on the chart below, for the trees that are recommended for retention.

Planting Plan/Cash in Lieu, the town requires valuation for trees to be retained using the Guide for Plant Appraisal by the Council of Tree and Landscape Appraisers, 9th Edition, valuation process with ISA Ontario Supplement to Guide for Plant Appraisal document to provide the value of the trees to be retained. The final values are potentially presented in the Tree Inventory Action Table 1. The detailed calculations can be presented, upon request by the Town. Cash in lieu \$300.00/tree or current rate.

Tree Measures Recommendations

Town trees

There are no trees fronting this site.

Front Yard

The two (2) foundation area Cedars are undersized for bylaw and to be removed due to construction conflict, no replacement s proposed. Weeping Mulberry to be protected.

Rear Yard

There are several trees in the rear, to be protected. One (1) previously topped Siberian Elm is proposed for removal due to structure and proximity to both houses. Tree is not appropriate for location.

Off Site Trees

#564 Maplehurst, rear trees to be protected.

Tree Valuation:

The town requires valuation for trees to be retained using the Guide for Plant Appraisal by the Council of Tree and Landscape Appraisers, 10th Edition, document to provide the value of the trees to be retained. Valuations to be provided for those trees the Town identifies.

Reproduction Method, Trunk Formula Method for tree #1. 60mm replacement cost.

Specializing in Tree Assessment

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Tree Inventory/Action Table 1. Ddwd – Dead

Ddwd – Deadwood NFA – Normal for age

#	Species	DBH, cm	Canopy Spread	TPZ, metres	Location/notes	Conditio n	Action Related to Site Plan	Value, Town to identify need
1	Weeping Mulberry, Morus Sp.	18	2.5	2.4	Private, opp. NWC house, 4m E. Pole, weeping branching, ddwd	Fair	Install Tree protection	
2	Siberian Elm, Ulmus pumila	28	5	2.4	Private, 3m E. door, 1m S. Fence, previously topped, multi leader, weak crotch	Fair/Po or	Remove, conflict with existing houses, no replacement proposed due to condition/location	
3	Domestic Cherry, Prunus Sp.	15	4	2,4	Rear, 1.5m S. NEC house, 3m W. Fence, Iow branches, NFA	Good	Install Tree protection	
4	Domestic Apple, Malus Sp.	30	5	2.4	2m N. SEC house, 2m W. fence, low branches, ddwd, NFA	Fair	Install Tree protection	
5	Manitoba Maple, Acer negundo	Est. 45	8	3	Rear, shared, #570 Maplehurst,1.5m S. NEC house, at Fence, low branches, ddwd, NFA	Fair	Install Tree protection	
A	Red Maple, Acer rubrum	Est. 20	5	2.4	#564 Maplehurst, Rear centred 1m E. fence, low branches, crowded	Fair	Install tree protection	
В	Northern Catalpa, Catalpa speciosa	20	5	2.4	#564 Maplehurst, rear6m n. Fence, 1m E. Fence, low branches, ddwd, crowded	Fair	Install tree protection	
С	Siberian Elm, Ulmus pumila	Est. 50	5	2.4	#564 Maplehurst, rear, SWC of site, weak crotch, ddwd, hangars	Fair/Po or	Install tree protection	

Replacement trees

The Town of Oakville replacement tree requirements are as follows;

For trees greater than 15cm DBH, one (1) tree replacement for every 10cm DBH of the tree to be removed.

Deciduous trees for replacement would be 30mm caliper

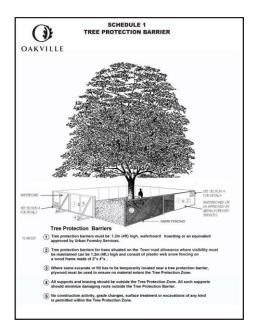
Coniferous trees for replacement would be 150mm height.

Trees structurally unsound/poor location to be removed.

Tree #2 is proposed for removal with no compensation as noted below.

Cash in lieu is \$300.00/tree or most recent set rate.

Tree Protection Specifications



The Tree Protection Zone

The Tree Protection Zone (TPZ) is the minimum setback required to maintain the structural integrity of the tree's anchor roots, based on generally accepted arboricultural principles. If trees are protected to the TPZ then the tree's anchor root structure is expected to be maintained.

No unauthorized activities may take place within the TPZ of a tree covered under any municipal permit process or agreement. The following chart shows the TPZ. Some trees and site conditions may require a greater setback at the town's discretion.¹

Diameter of Trunk (DBH) ² in centimetres	Tree Protection Zone³ Distance from trunk measured in metres
<10	1.8
10-30	2.4
31-50	3.0
51-60	3.6
61-70	4.2
71-80	4.8
81-90	5.4
91-100	6.0
6 of 15	565 Weir Avenue, Oakville, Arborist Report, June 8, 2022

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- 1. For trees over 100 cm. DBH, add 10 cm. to the TPZ for every one centimetre of DBH.
- 2. Roots can extend from the trunk to 2-3 times the distance of the drip line (see Detail TP-1 (SCHEDULE 4) for further information).
- 3. Diameter at breast height (DBH) measurement of tree trunk taken at 1.37 metres above ground.
- 4. Tree Protection Zone distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work.

2. Tree Protection Barriers - See Schedule 1 above for further information.

Trees within or adjacent to a construction site must be protected during construction by means of a barrier installed in accordance with the table in section 1 and meet the following specifications:

- a. Tree protection barriers must be erected prior to the commencement of any construction activity that may injure a tree on the site and are to remain in place throughout the entire duration of the project. The applicant shall notify the appropriate town department in writing prior to commencing any such activities to confirm that the tree protection barriers are in place
- b. The tree protection barriers specified herein must remain in a condition satisfactory to the town until all site activities including landscaping are complete
- c. Authorization from the appropriate town department must be obtained prior to the removal of tree protection barriers
- d. If some fill or excavated material must be temporarily located near the tree protection barrier, a wooden barrier must be used to ensure no material enters the TPZ
- e. A sign, provided by the town that is similar to the illustration below will be paid for by the application and mounted on one side of a tree protection barrier for the duration of the project

Tree Protection Zone

No grade change, storage of materials or equipment is permitted within this area. This tree protection barrier must not be removed without the written authorization of the Town of

Oakville.

Report any contraventions to

Contact Name _____ Tel No. ____

Unauthorized removal of the tree protection barrier or other contraventions may result in prosecution.

Suggested Pre, During, and Post Construction Arboriculture Supervision, if required

If there are Town or other Agency requirements that affect this report after submission, it is recommended the Arborist Report be reviewed in relation to the changes indicated and adjustments be made and further consultation, report update as needed, be carried out.

Preconstruction

- 1) Pre-construction meeting with the Town Staff and General Contractor to mark out the Tree Protection Zone, TPZ areas and set the parameters for the various contractors who will be on site.
- 2) Installation of TPZ prior to any site activity as per Town Specifications.
- 3) Verification by the Arborist of TPZ installation with notification, if required to the Town by email.

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Report #1466a

4) Any approved removals not to affect any trees to be retained.

During Construction

- 1) Monthly onsite inspection, or more frequently, to verify integrity of TPZ and identification of any issues related to the trees during the construction to completion. Document findings and advise client of any action needed as required to help retain trees.
- 2) Site inspection if required by the Town or the Contractor to address tree issues and make recommendations as issues arise.
- 3) Inspection prior to final completion of work to verify tree conditions and authorize removal of TPZ structures. Report any issues if needed for Town or Contractor as required for follow-up.

Post construction

1) Inspection of retained trees to note any additional work such as pruning, cabling, aeration, mulching, deep root fertilizing or other recommended work.

Arboricultural Work:

All pruning/removals should be to Arboricultural specifications and carried out by Arborists, recognized by the Ministry of Training, Colleges and Universities, Ontario College of Trades, or the International Society of Arboriculture.

Report Conditions and Limitations: This report is for the use of the Client and shall not be copied or reproduced either in its entirety or parts thereof, without the consent of P & A Urban Forestry Consulting Ltd.

The information and recommendations noted in this report are based on the information provided at the time the report was written. Any updates or changes in design, require the review of the Arborist Report in relation to the changes presented. There may be revisions to this report to address the site changes, as it relates to the trees identified.

This report is based on information presented, by ground visual assessment and does not represent to be a definitive analysis and evaluation of the trees, or shrubs, partly due to no previous history of the site or knowledge of the changes that have occurred to the site prior to June 2022.

Prepared By;

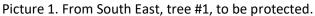
p Juneur

Peter Wynnyczuk

Hazard Tree Risk Assessor CTRA # 727, ISA Ontario Butternut Health Assessor #591 Utility Arborist #400113535 under MTCU ISA Certified Arborist ON2067-A

The pictures noted below are to provide overview of the trees on site and are to be read in conjunction with the Tree Protection and Removal Plan Appendix "A" June 8, 2022. Additional pictures were taken, but do not form part of this report but are available for future use if needed.







Picture 2. A. From South East undersized foundation area Cedars to

be removed, no replacement proposed.

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Picture 3. From East undersized trees to be removed.



Picture 4. From South East tree #2 in between houses,

previously topped and multi leader, proposed for removal, no replacement proposed.

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Picture 5. From South undersized shrub to be removed.



for removal, no replacement.

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Picture 7. From West showing tree #3 to be protected.



Picture 8. A. From South West, showing shared tree #5, to be protected. B. From West upper canopy.

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Picture 9. From North tree #4 to be protected.



Picture 10. From North West showing tree 'A' leaves on left,

#4 on right and tree 'B' centred. 'A' + 'B' to be protected.

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be protected.

Picture 11. From West tree at 'C' to

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(Separate PDF Plan)