



946 COLONEL BY DRIVE

New Addition - Level 4

AUGUST 8, 2024

Committee of Adjustment
Received | Reçu le

2024-08-12

City of Ottawa | Ville d'Ottawa
Comité de dérogation

Request for Minor Variance

946 Colonel By Drive, Ottawa, ON | Zoning: R3Q[2118]H(9)

VARIANCE 1 : To permit a building height of 11.74 m.

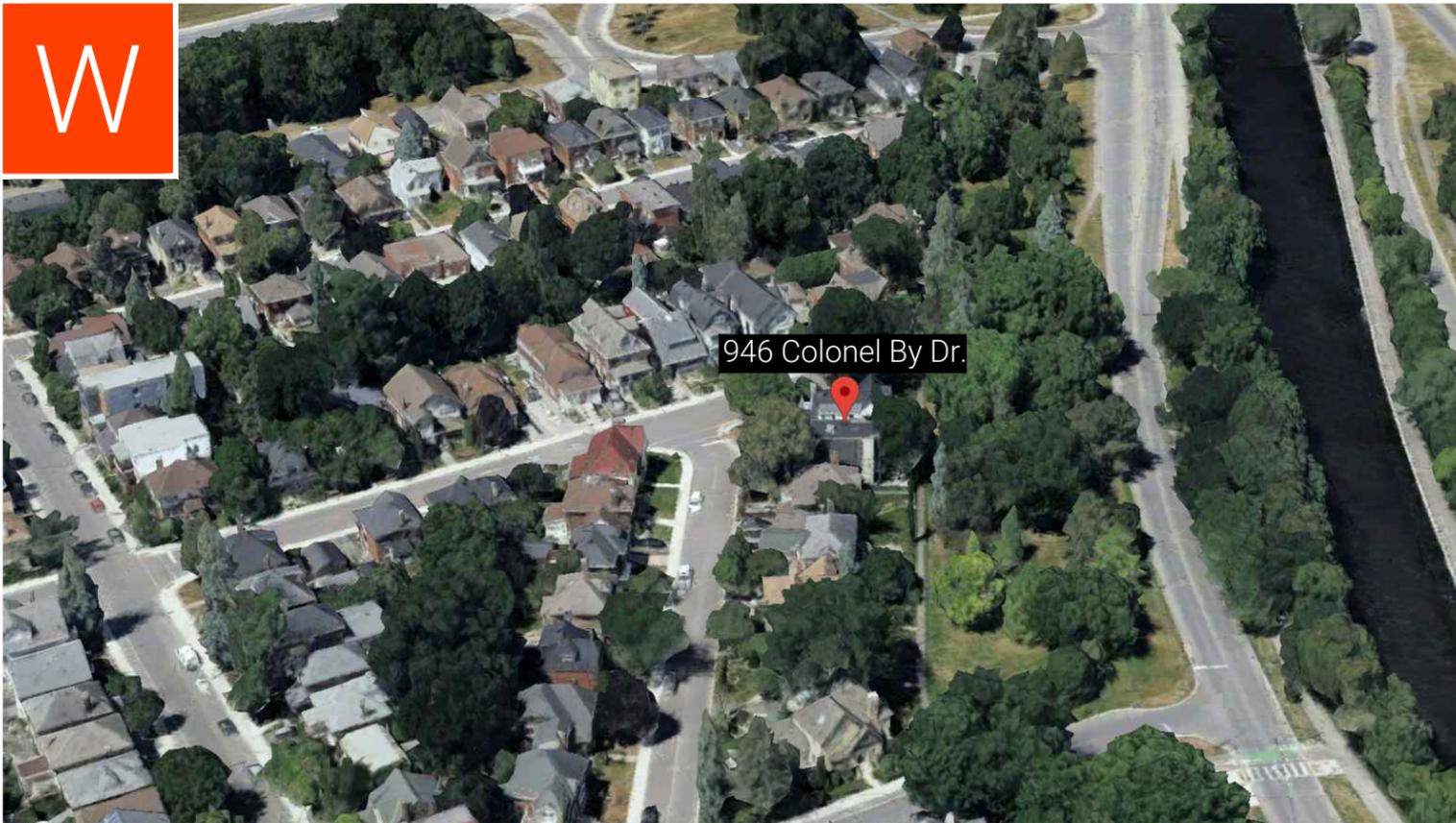
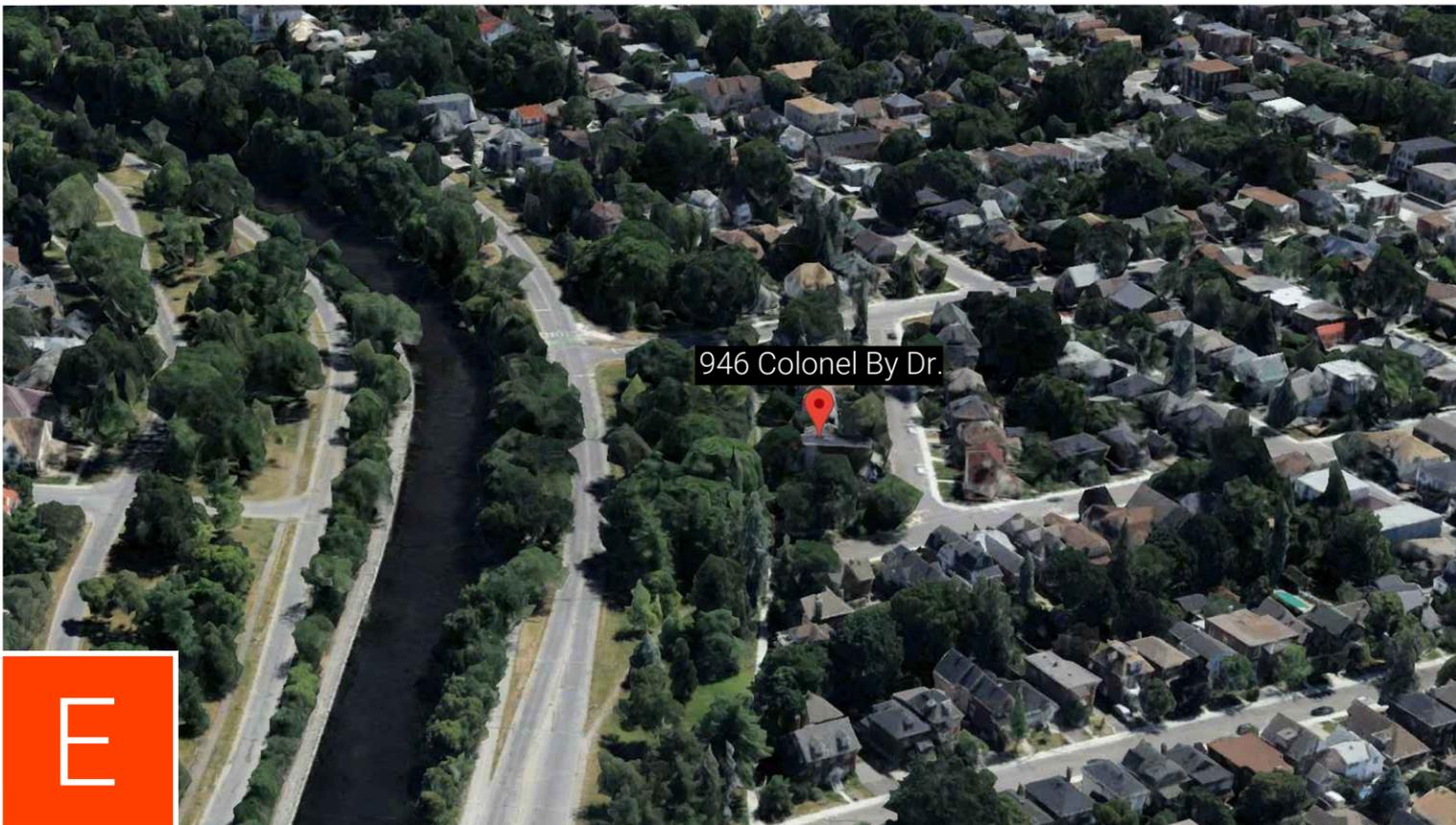
- Whereas:

The Zoning by law 2008-250 Part 15 Exception 2118 states that the maximum building height permitted is 9 m.

VARIANCE 2 : To permit a roof terrace that is not located on the roof of the uppermost storey.

- Whereas:

The Zoning by law 2008-250 Part 15 Exception 2118 Part 15 Exception 2118 states no roof top patios or decks are permitted.



946 Colonel By Dr.

New Addition - Level 4

Context Aerial

AUGUST 8, 2024



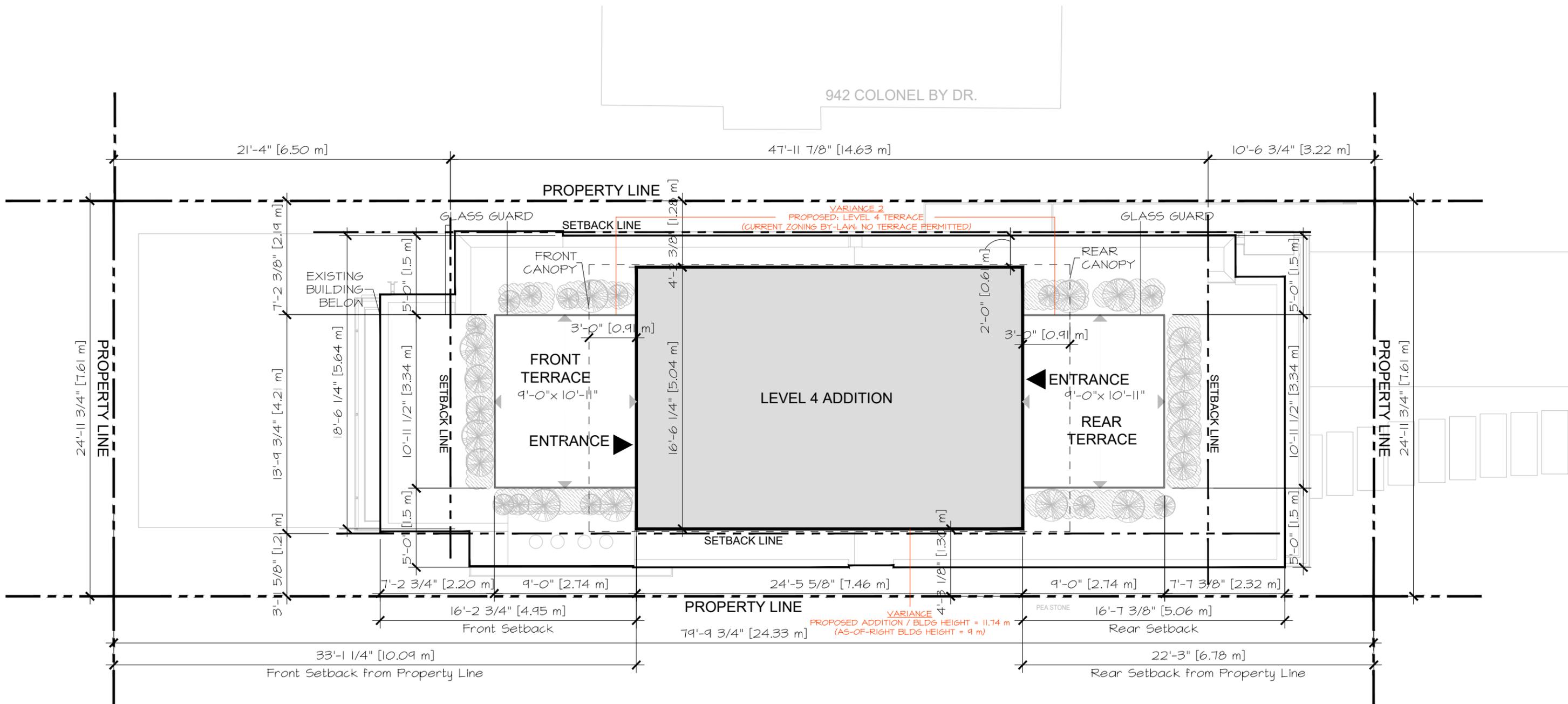
946 Colonel By Dr.

New Addition - Level 4



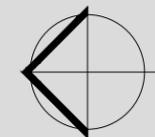
Neighbourhood Survey Map

AUGUST 8, 2024



946 Colonel By Dr.

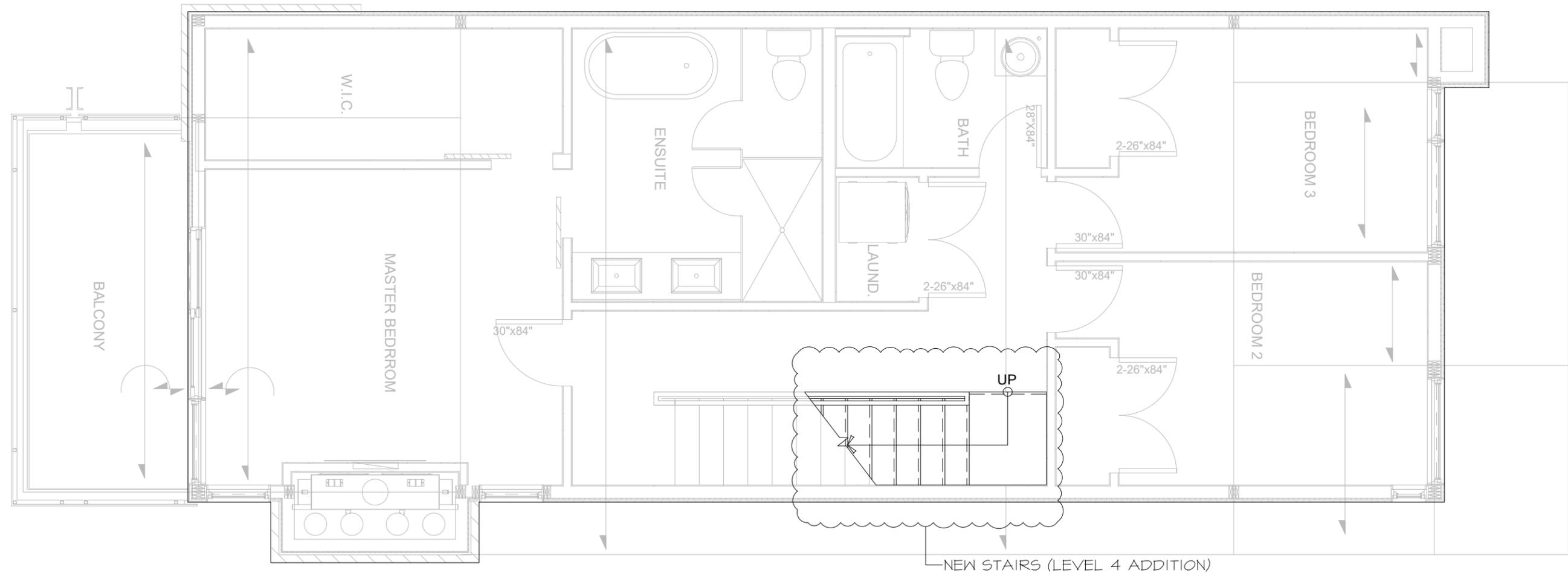
New Addition - Level 4



Site Plan

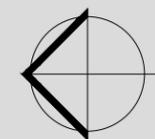
SCALE : 1:75
AUGUST 8, 2024

LEVEL 3 GFA: 897 ft² [83.32 m²]



946 Colonel By Dr.

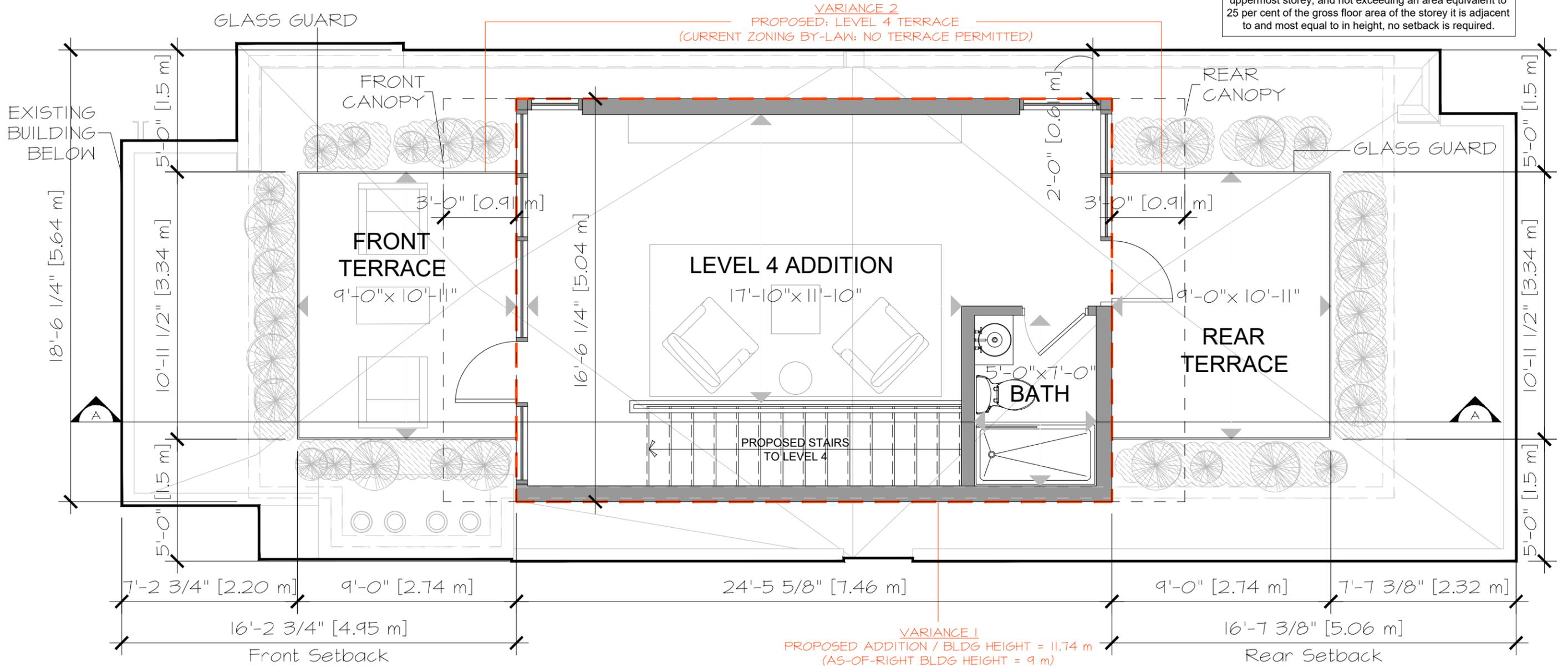
New Addition - Level 4



Level 3 Plan
SCALE : 1:50
AUGUST 8, 2024

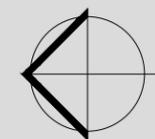
FRONT TERRACE GFA: 99 ft² [9.52 m²] = < 25% OF LEVEL 4 GFA
 REAR TERRACE GFA: 99 ft² [11.50 m²] = < 25% OF LEVEL 4 GFA
 LEVEL 4 ADDITION GFA: 404 ft² [37.56 m²]

Part 2 Section 55 Table 55 (8)(b):
 Where a roof-top terrace is not located on the roof of the uppermost storey, and not exceeding an area equivalent to 25 per cent of the gross floor area of the storey it is adjacent to and most equal to in height, no setback is required.

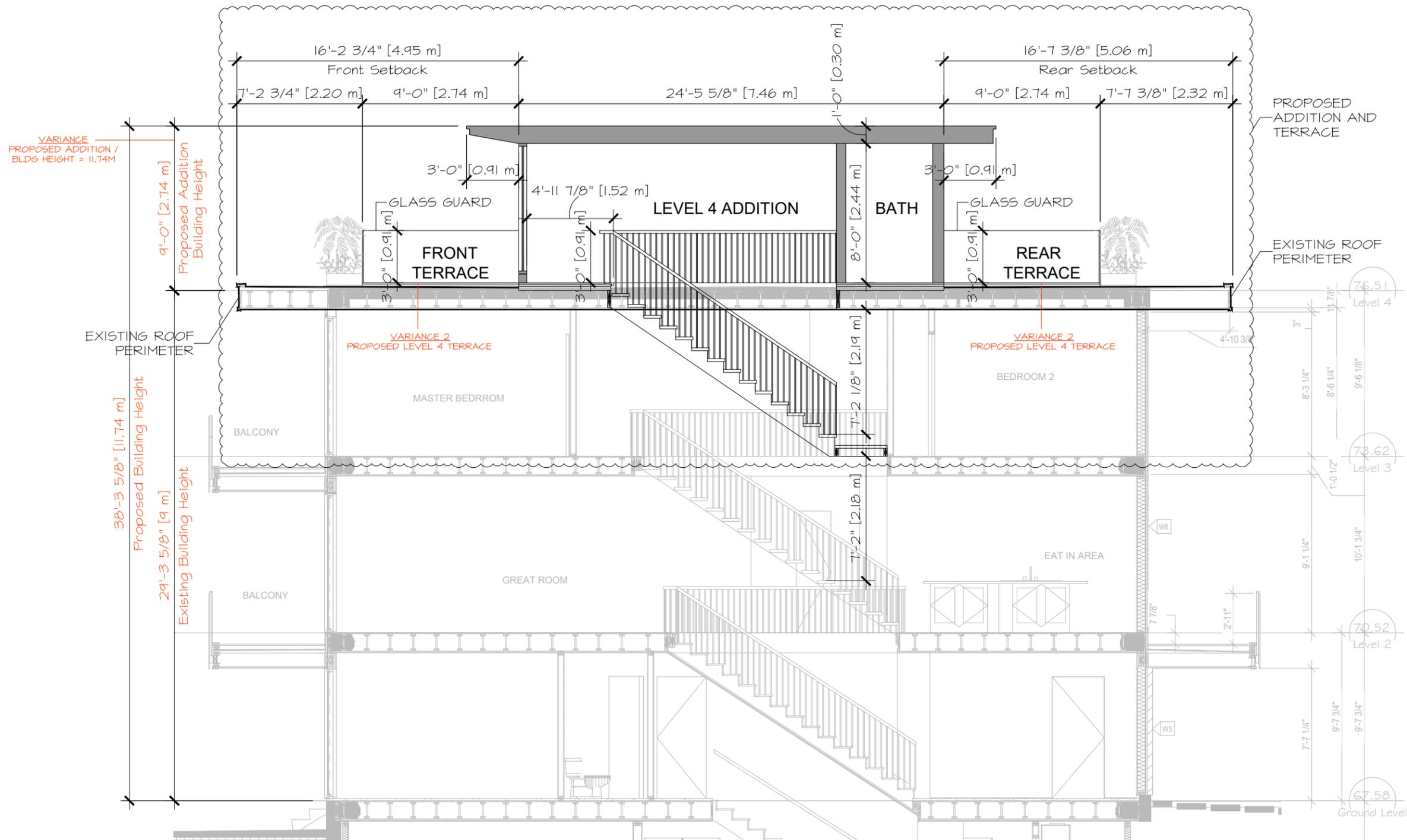


946 Colonel By Dr.

New Addition - Level 4



Level 4 Plan
 SCALE : 1:50
 AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

Section A - Proposed Stair Access to Level 4 Addition

SCALE : 1:75
AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

West Elevation

SCALE : 1:75
 AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

South Elevation
 SCALE : 1:75
 AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

East Elevation

SCALE : 1:75
AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

North Elevation
 SCALE : 1:75
 AUGUST 8, 2024



938 COLONEL BY DRIVE
FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
- Potential 3-storey built form
including rooftop terrace access.

942 COLONEL BY DRIVE
FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
- Potential 3-storey built form
including rooftop terrace access.

946 COLONEL BY DRIVE
Proposed Level 4 Addition

9 CARLYLE AVENUE
FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
- Potential 3-storey built form
including rooftop terrace access.



STREET VIEW - COLONEL BY DR.

946 Colonel By Dr.

New Addition - Level 4

ELEVATION - North West, Colonel By Dr.

AUGUST 8, 2024





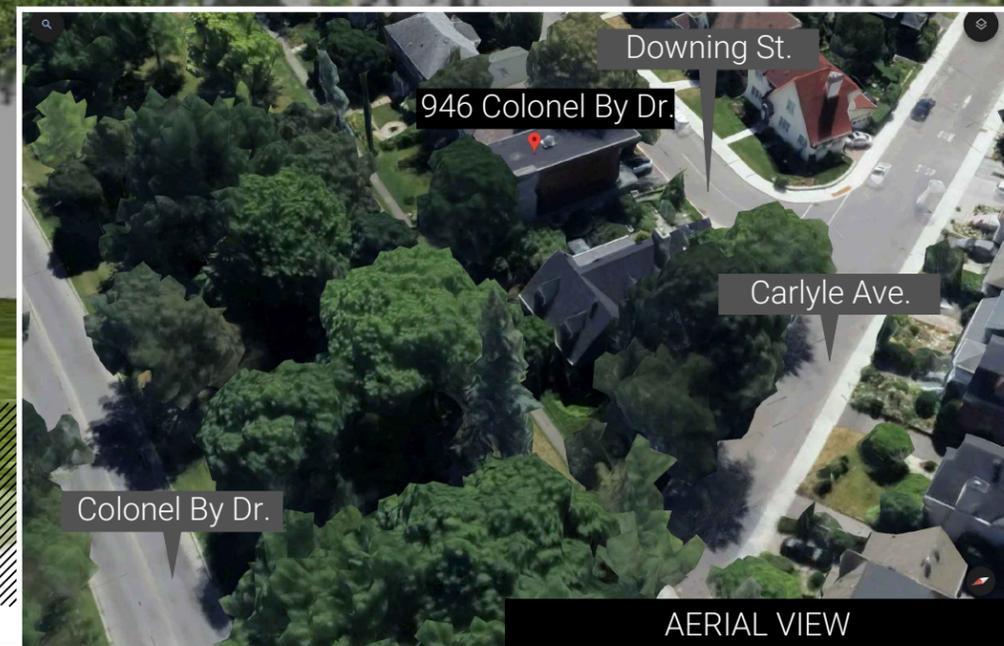
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946 COLONEL BY DRIVE
 Proposed Level 4 Addition

9 CARLYLE AVENUE
 FUTURE ZONING WITH HERITAGE
 OVERLAY REMOVED
 - Potential 3-storey built form
 including rooftop terrace access.

NCC PATHWAY



AERIAL VIEW



946 Colonel By Dr.

New Addition - Level 4

ELEVATION - North West, Colonel By Dr.

AUGUST 8, 2024



946 Colonel By Dr.

New Addition - Level 4

ELEVATION - South West, Downing St.

AUGUST 8, 2024



946 COLONEL BY DRIVE
Proposed Level 4 Addition

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FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
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including rooftop terrace access.

9 CARLYLE AVENUE
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Downing St.

946 Colonel By Dr.

STREET VIEW - DOWNING ST.



946 Colonel By Dr.

New Addition - Level 4

ELEVATION - South East, Downing St.

AUGUST 8, 2024



9 CARLYLE AVENUE
FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
- Potential 3-storey built form
including rooftop terrace access.

946 COLONEL BY DRIVE
Proposed Level 4 Addition

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including rooftop terrace access.

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FUTURE ZONING WITH HERITAGE
OVERLAY REMOVED
- Potential 3-storey built form
including rooftop terrace access.

Downing St.



946 Colonel By Dr.

STREETVIEW - DOWNING ST.

STREETVIEW - Downing St Looking West

946 Colonel By Dr.

New Addition - Level 4

AUGUST 8, 2024





DOWNING ST.

COLONEL BY DR.



946 Colonel By Dr.

New Addition - Level 4

AERIAL VIEW - North East

AUGUST 8, 2024



DOWNING ST.

COLONEL BY DR.



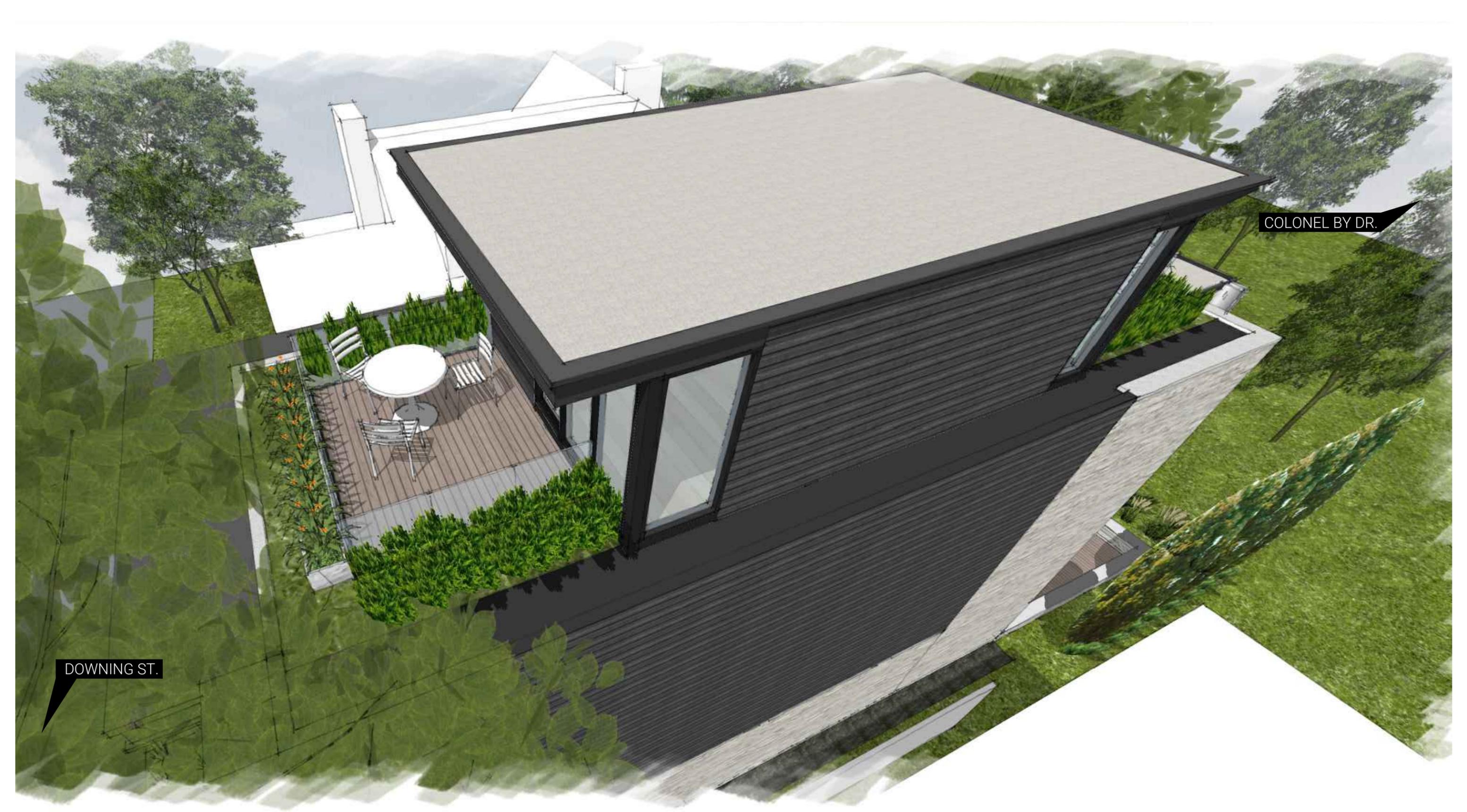
HOBIN

946 Colonel By Dr.

New Addition - Level 4

AERIAL VIEW - East

AUGUST 8, 2024



COLONEL BY DR.

DOWNING ST.

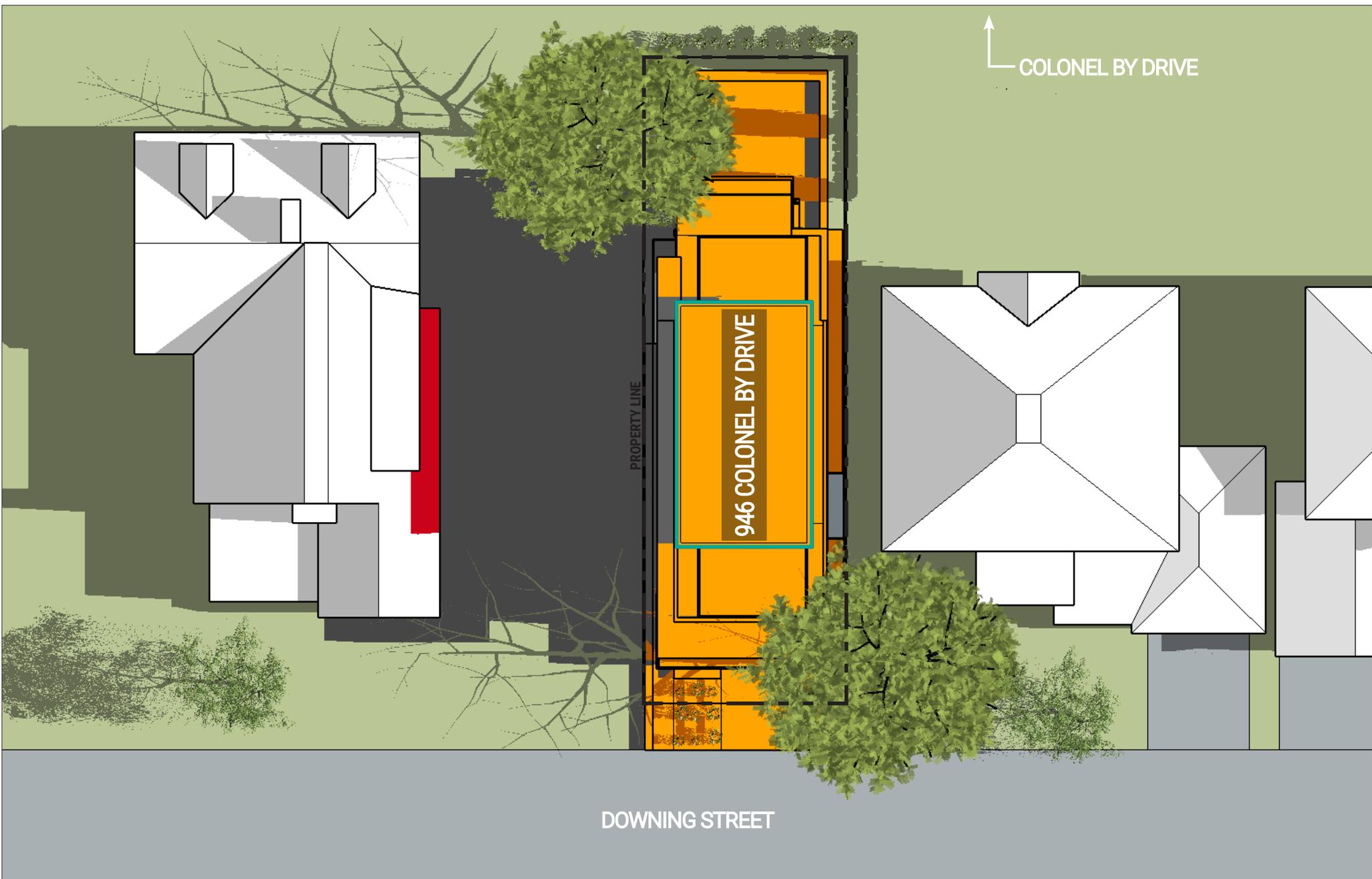


946 Colonel By Dr.

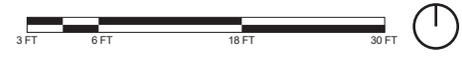
New Addition - Level 4

AERIAL VIEW - South East

AUGUST 8, 2024



- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
 - Existing Shadow

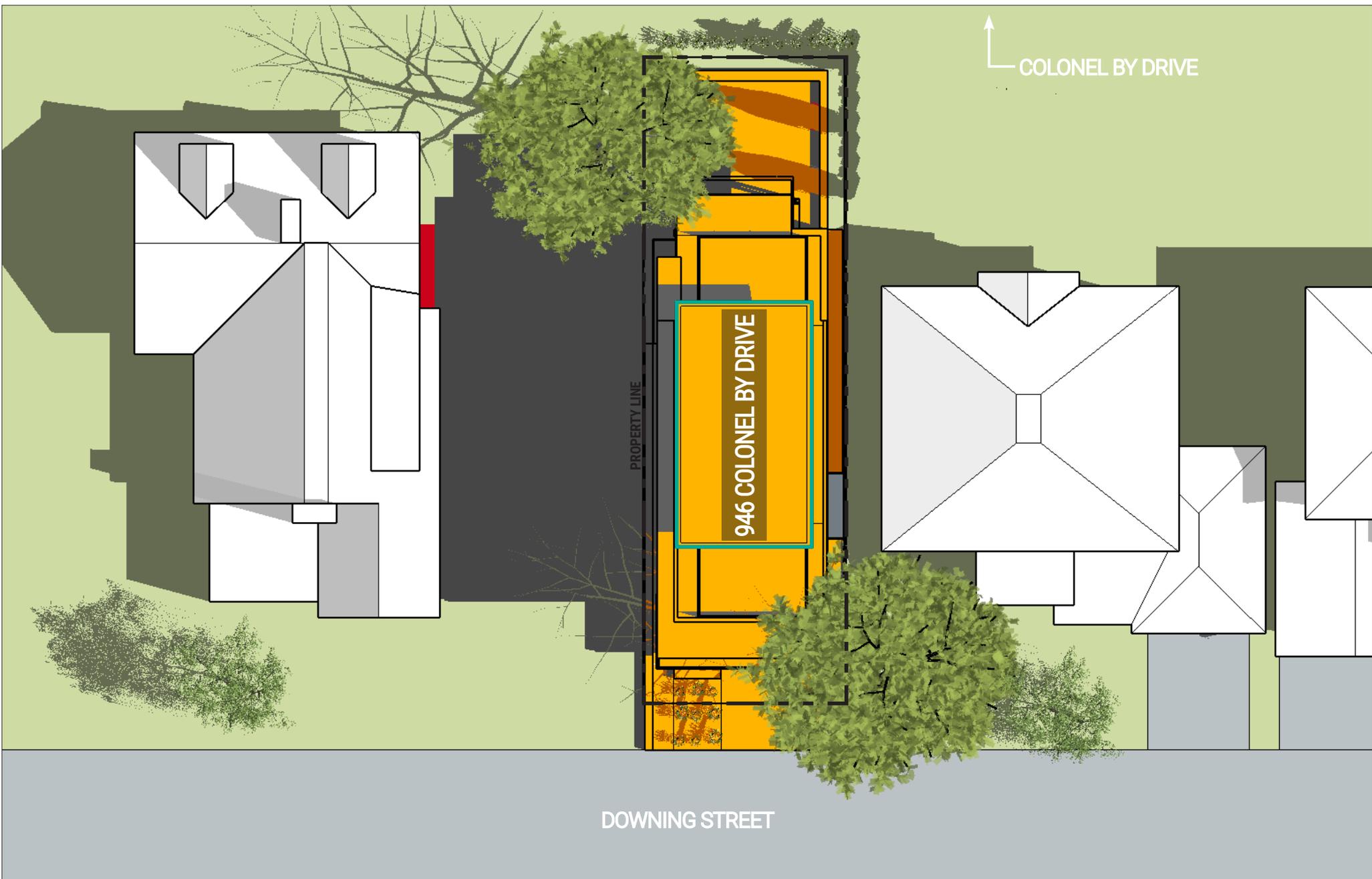


HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

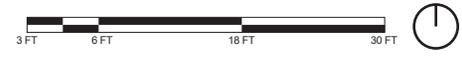
Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

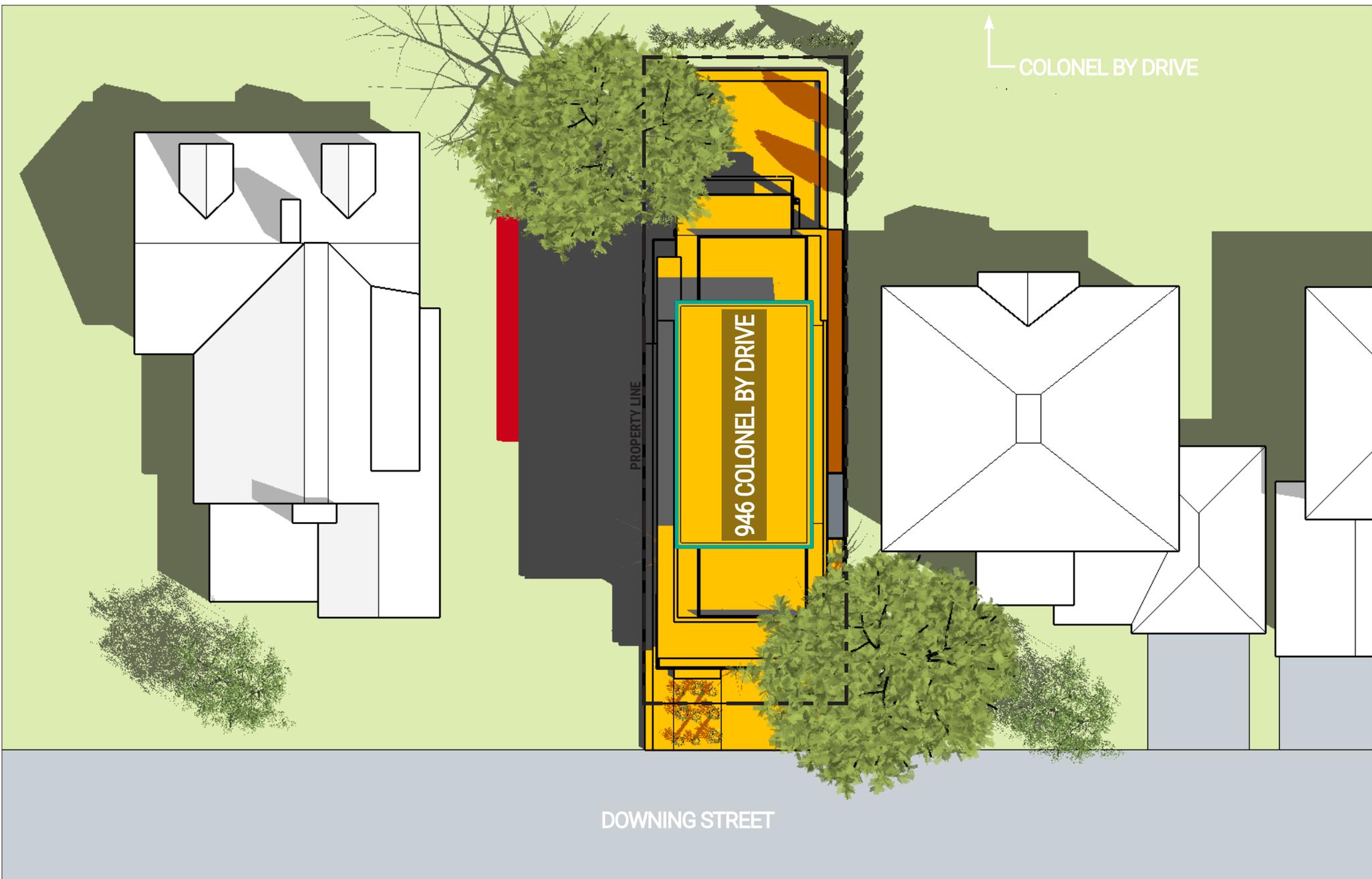
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Application Type: _____
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Figure test time:
JUNE 21 9:00am
 Eastern Daylight Time (EDT) = Universal Time, 4 hours
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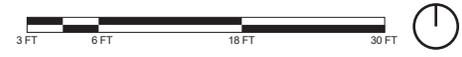


- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
 - Existing Shadow





- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
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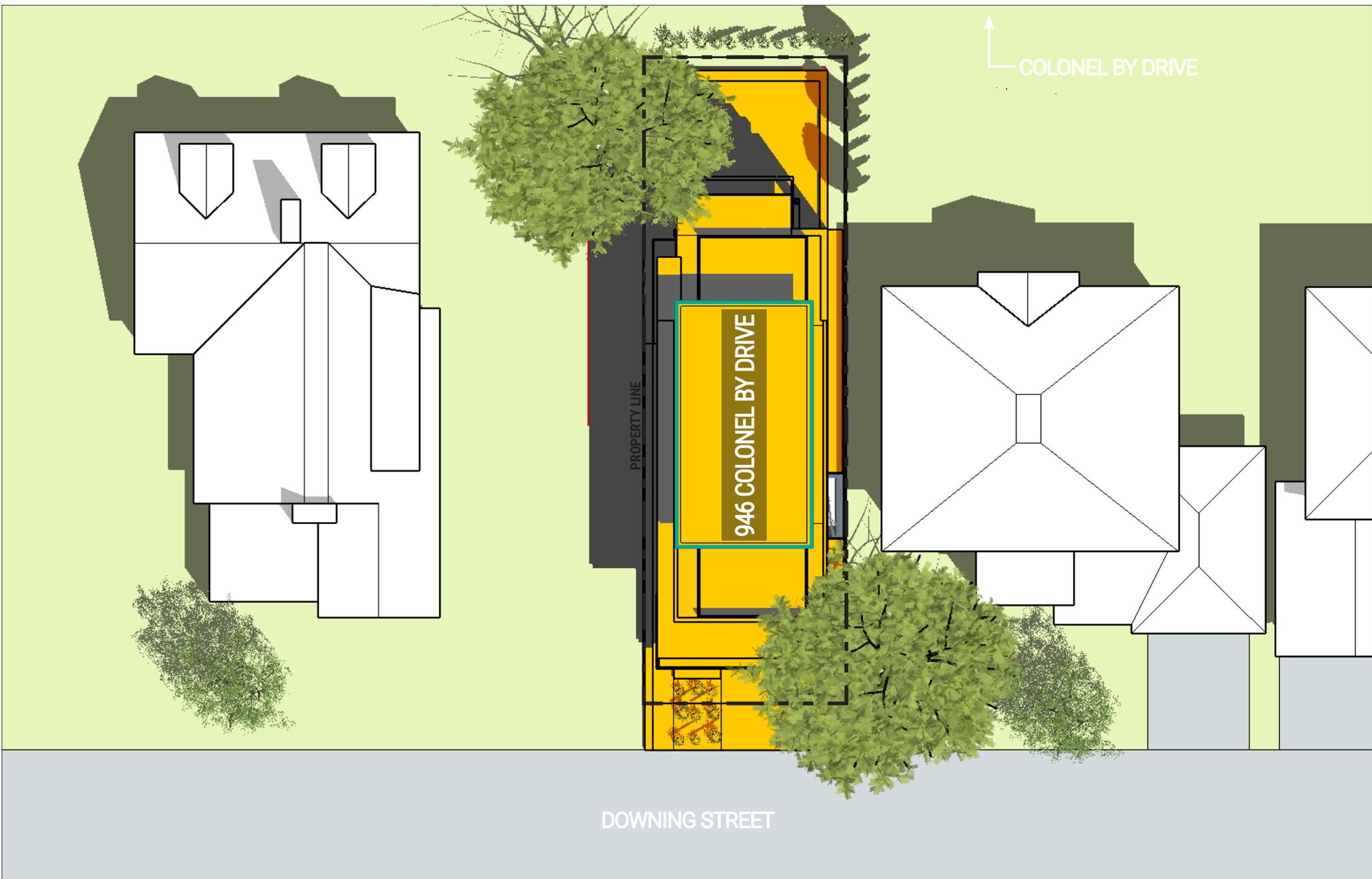


HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

Application No.: _____
Application Type: _____
Scale: 1/16" = 1'-0"

Figure test time:
JUNE 21 11:00am
Eastern Daylight Time (EDT) = Universal Time, 4 hours
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COLONEL BY DRIVE

DOWNING STREET

LEGEND:

- Proposed Level 4 Addition
- New Net Shadow
- 946 Colonel By Drive
- Existing Shadow

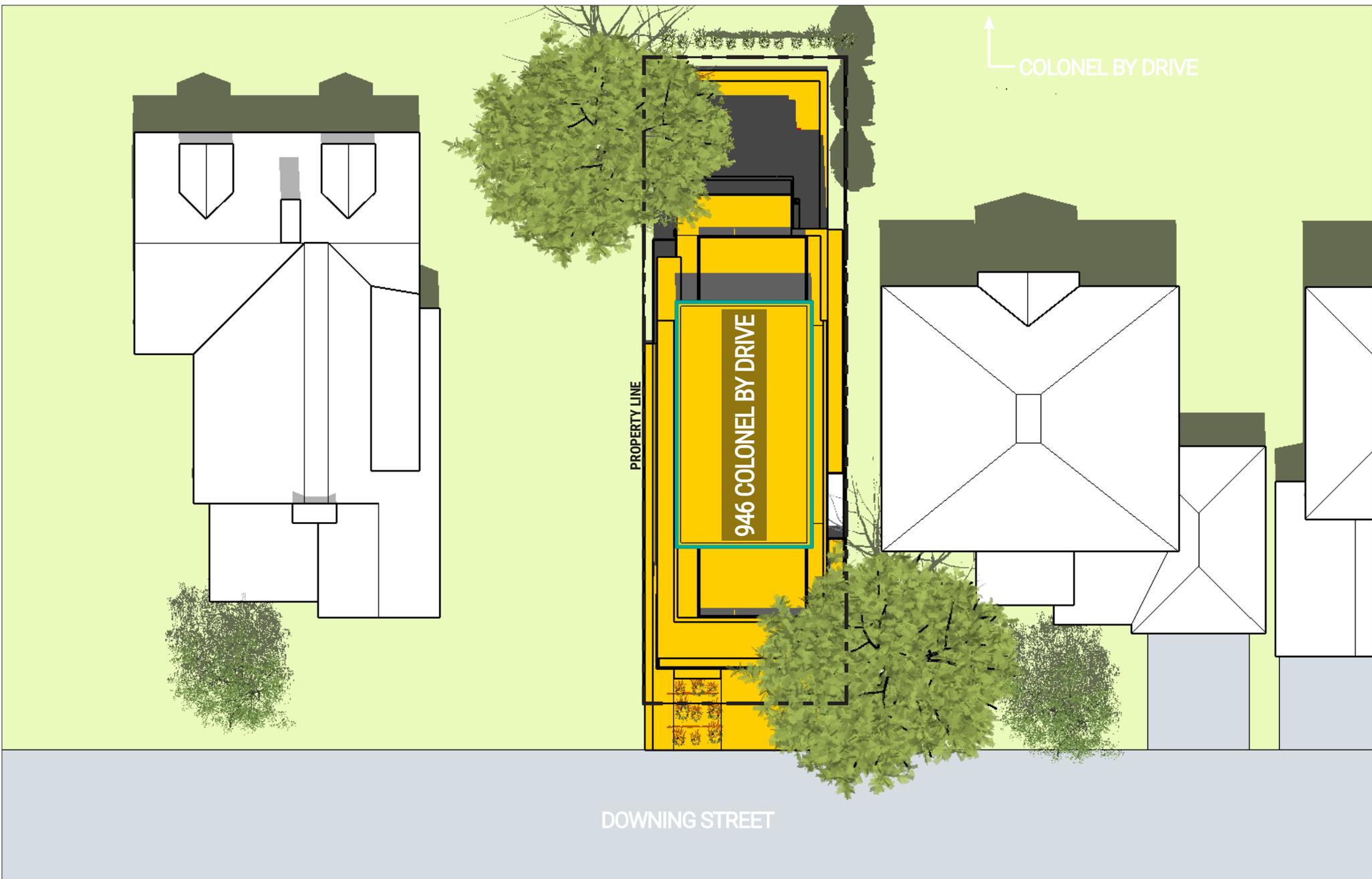


HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

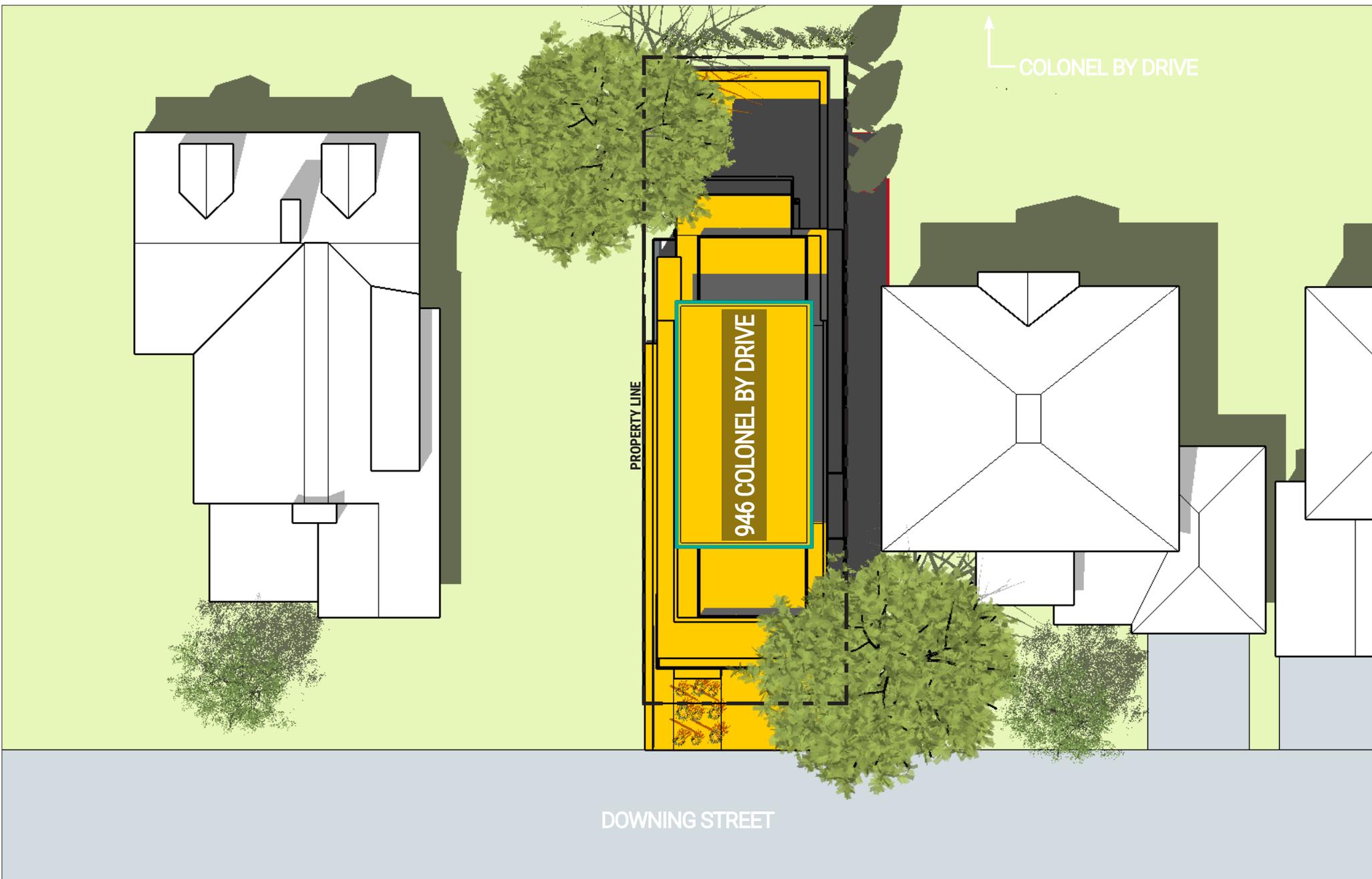
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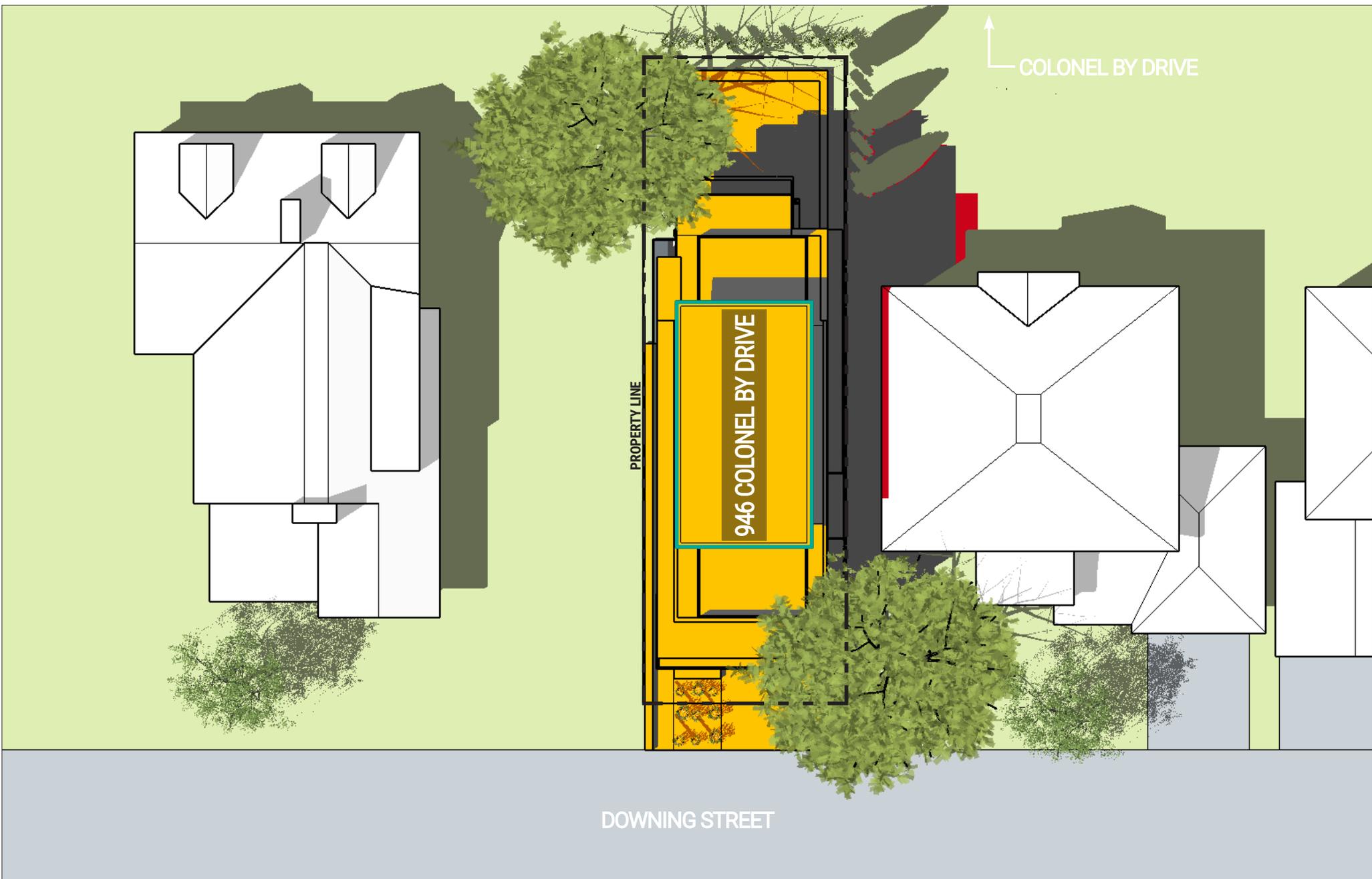
- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
 - Existing Shadow



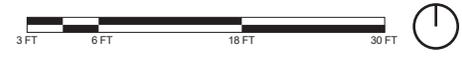


- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
 - Existing Shadow





- LEGEND:**
- Proposed Level 4 Addition
 - New Net Shadow
 - 946 Colonel By Drive
 - Existing Shadow

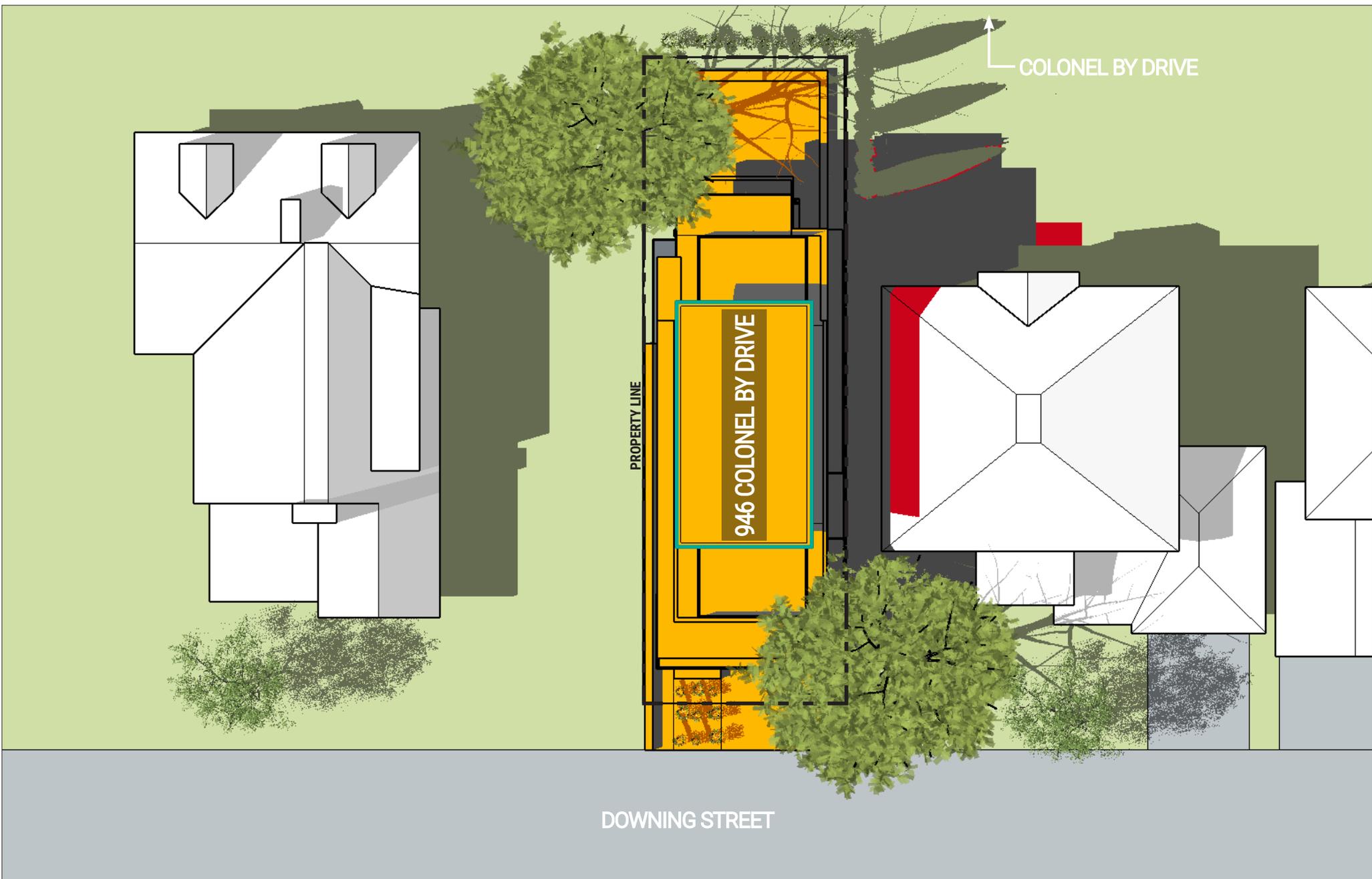


HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

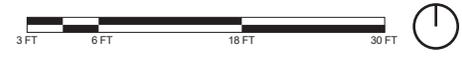
Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

Application No.: _____
Application Type: _____
Scale: 1/16" = 1'-0"

Figure test time:
JUNE 21 3:00pm
Eastern Daylight Time (EDT) = Universal Time, 4 hours
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- LEGEND:**
- Proposed Level 4 Addition
 - 946 Colonel By Drive
 - New Net Shadow
 - Existing Shadow

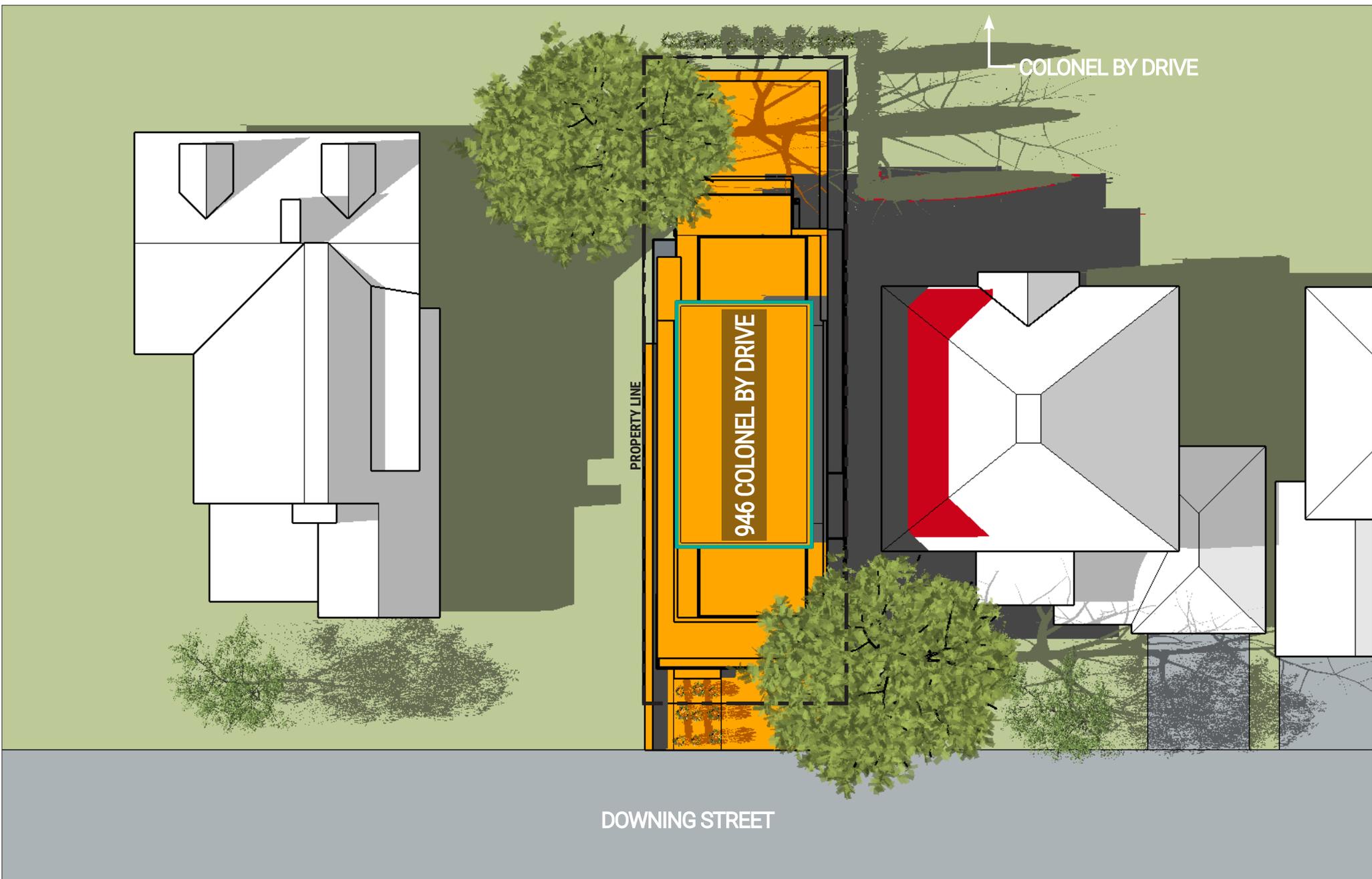


HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

Application No.: _____
Application Type: _____
Scale: 1/16" = 1'-0"

Figure test time:
JUNE 21 4:00pm
Eastern Daylight Time (EDT) = Universal Time, 4 hours
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- LEGEND:**
- Proposed Level 4 Addition
 - 946 Colonel By Drive
 - New Net Shadow
 - Existing Shadow



HOBIN **946 COLONEL BY DRIVE**
 New Addition - Level 4
 Top-View Shadow Analysis

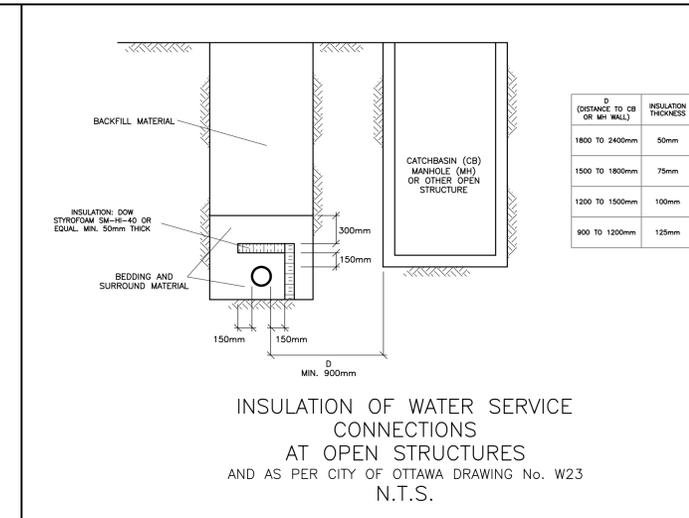
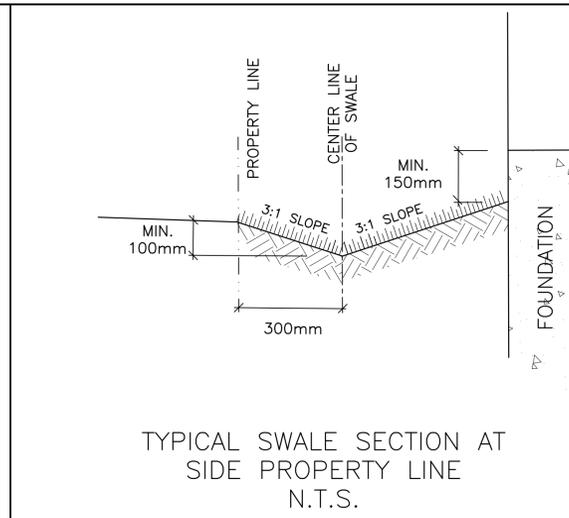
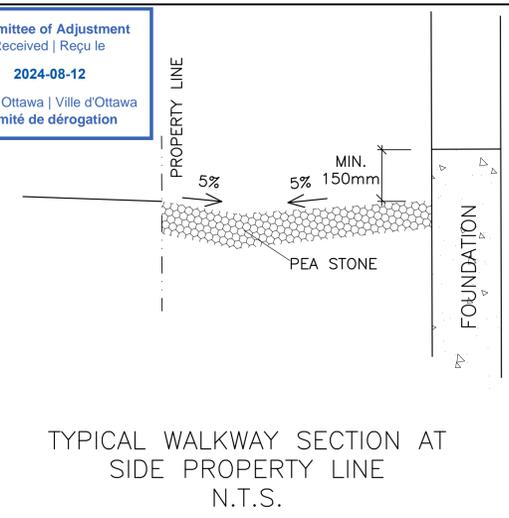
Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: June 05, 2024

Application No.: _____
Application Type: _____
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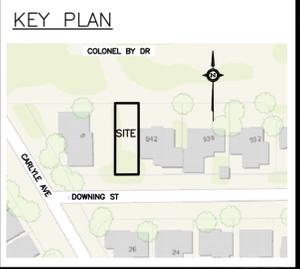
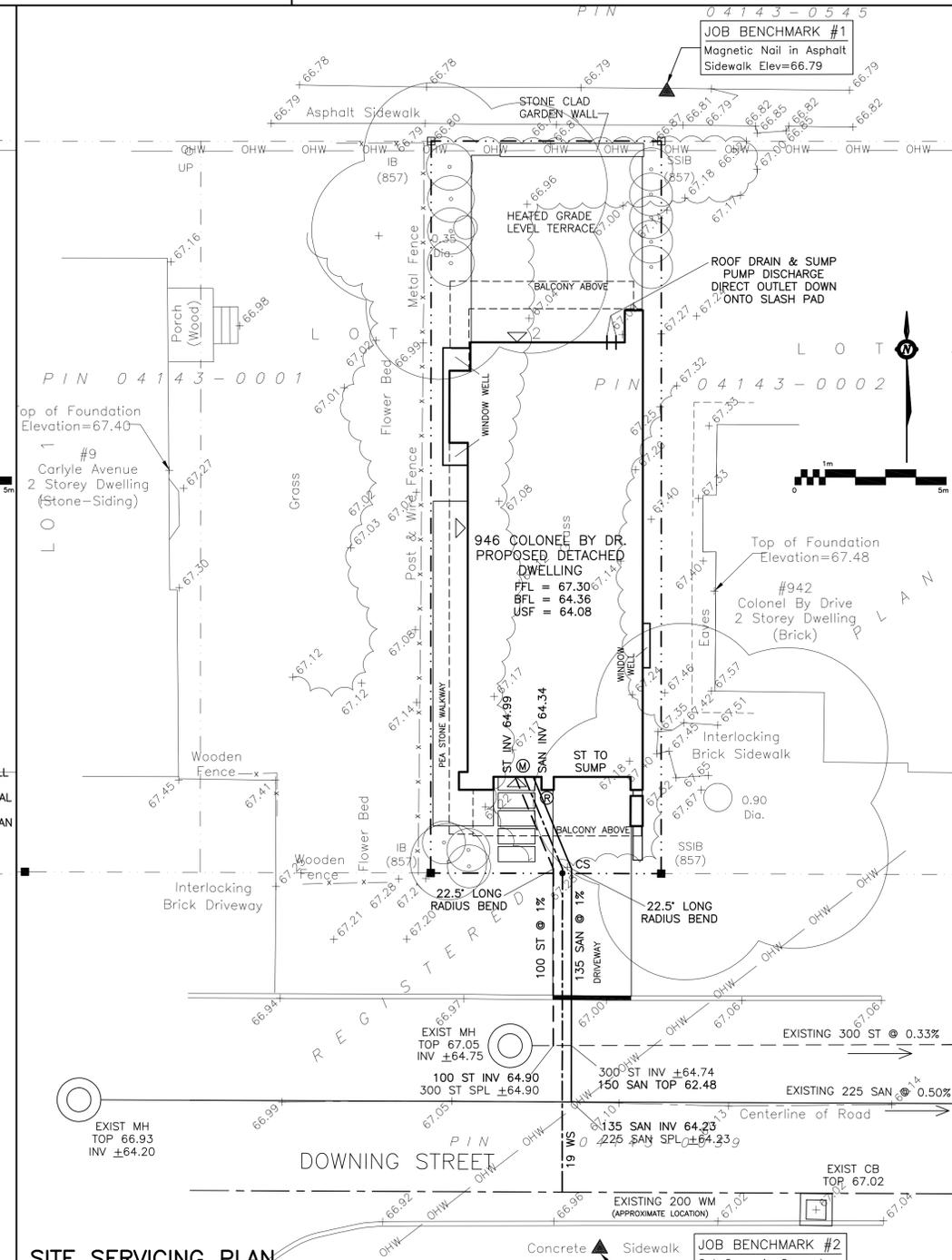
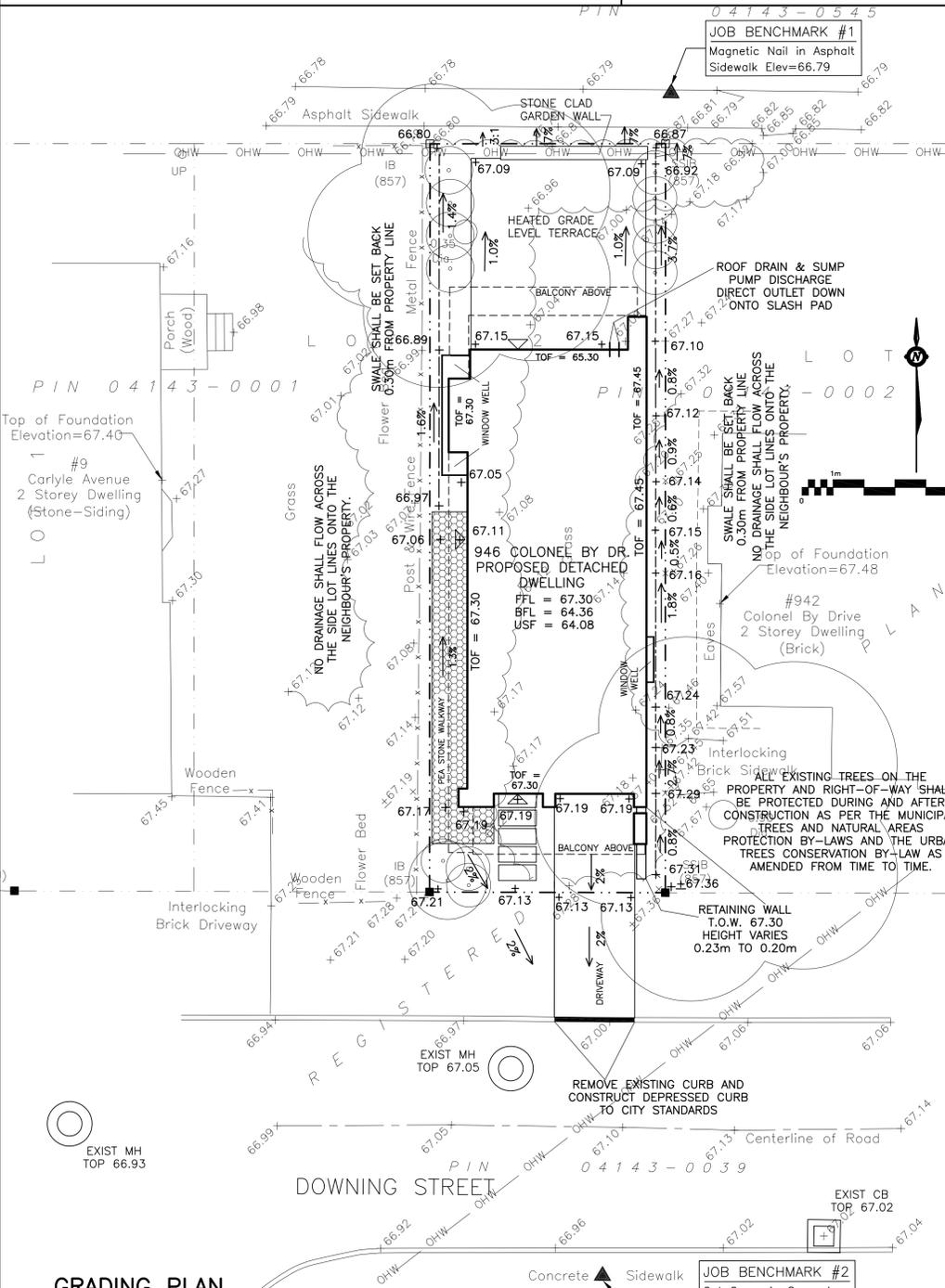
- GENERAL**
 - USE BAR SCALE TO CONFIRM ACTUAL PLOT SCALE.
 - EXISTING AND NEW ELEVATIONS AND GEODETIC AND ARE IN METERS.
 - EXISTING ELEVATIONS AND LOCATIONS, INVERTS AND SIZES OF EXISTING SERVICES ARE NOT NECESSARILY SHOWN ON PLAN AND THOSE SHOWN ARE DERIVED FROM AVAILABLE INFORMATION AND MUST BE CONFIRMED ON SITE BEFORE COMMENCING CONSTRUCTION. REPORT ANY DIFFERENCES TO ENGINEER.
 - SITE BOUNDARIES AND EXISTING GRADES AND OTHER FEATURES DERIVED FROM TOPOGRAPHIC SURVEY PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED JOB NO. 16500.
 - REFER TO ARCHITECTURAL / LANDSCAPE SITE PLANS FOR EXACT LOCATIONS OF BUILDINGS, PAVED AREAS, SIDEWALKS ETC.
 - REINSTATE ADJACENT PROPERTIES TO PRE-CONSTRUCTION CONDITIONS.
 - REINSTATE CITY PROPERTIES TO CITY STANDARDS AND TO CITY OF OTTAWA'S SATISFACTION.
 - ALL CITY PROPERTY, DAMAGED AS A RESULT OF THIS WORK, SHALL BE REINSTATED TO THE CITY'S SATISFACTION.
 - ALL RELEVANT WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT CITY STANDARDS AND SPECIFICATIONS.
 - ONTARIO PROVINCIAL STANDARDS & SPECIFICATIONS WILL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
 - ALL PROPOSED RETAINING WALLS SHALL BE SETBACK A MINIMUM 0.15m FROM PROPERTY LINE. ALL PROPOSED RETAINING WALLS GREATER THAN 1.0m IN HEIGHT SHALL BE DESIGN BY A PROFESSIONAL ENGINEER REGISTERED IN ONTARIO.
- EROSION AND SEDIMENT CONTROL**
 - THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATER COURSE DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL USING FILTER CLOTH UNDER THE GRATE OF CATCH BASINS AND MANHOLES COVERS AND INSTALLING SILT FENCES AND OTHER EFFECTIVE SEDIMENT TRAPS.
 - PRIOR TO COMMENCEMENT OF CONSTRUCTION AT ALL MUNICIPAL CATCH BASINS ADJACENT TO THE SITE AND AT ANY MANHOLES OR CATCH BASINS THAT WILL RECEIVE DISCHARGE FROM DE-WATERING OPERATIONS AND ALL NEW CATCH BASINS AS THEY ARE INSTALLED, INSTALL SEDIMENT CAPTURE FILTER SOCK INSERTS (TERRAFIX GEOSYNTHETICS INC SILTSACK OR APPROVED EQUAL). INSPECT AT THE END OF EACH DAY AND AFTER EACH RAINFALL, REMOVE SEDIMENT AS RECOMMENDED BY THE MANUFACTURER. IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED FILTER SOCK INSERTS. DO NOT REMOVE UNTIL CONSTRUCTION IS COMPLETE.
 - CONSTRUCTION IS CONSIDERED COMPLETE WHEN THE FOLLOWING CONDITIONS HAVE BEEN MET:
 - ALL STRUCTURES HAVE BEEN BUILT.
 - ALL HARD SURFACES HAVE BEEN CONSTRUCTED.
 - ALL PROPOSED GRASSED AREAS ARE EITHER SOODED OR HAVE A FULL COVERAGE OF WELL ESTABLISHED TURF AND HAVE HAD A MINIMUM OF ONE FULL GROWING SEASON (MAY 15TH TO SEPTEMBER 15TH).
 - THERE ARE NO AREAS OF EXPOSED EARTH.
 - ALL STOCKPILED MATERIALS HAVE BEEN REMOVED.
 - REMOVE EROSION AND SEDIMENT CONTROL MEASURES WHEN CONSTRUCTION IS COMPLETE.
- GRADING & DRAINAGE**
 - NEW GRADES TO MATCH EXISTING AT PROPERTY LINE. NO EXCESS DRAINAGE WILL BE DIRECTED TOWARDS THE NEIGHBOUR'S PROPERTY DURING AND AFTER CONSTRUCTION. THERE WILL BE NO ALTERATION TO EXISTING GRADE AND DRAINAGE PATTERNS ON PROPERTY LINE.
 - ALL AREAS SHALL BE GRADED TO ENSURE ADEQUATE DRAINAGE AWAY FROM BUILDINGS TO CATCH BASINS, SWALES, DITCHES AND OTHER APPROVED DISPOSAL AREAS. GRADES TO BE GRADUAL BETWEEN FINISHED SPOT ELEVATIONS SHOWN ON DRAWINGS TO PREVENT PONDING.
- SITE SERVICES**
 - WATER METER SHALL BE INSTALLED AS PER CITY OF OTTAWA DWG. NO. W30. ALL WATER SERVICE MATERIALS AND CONSTRUCTION METHODS TO CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
 - PROVIDE A MINIMUM 2.4 m COVER OVER NEW WATER SERVICE CONNECTION. WHERE THE MINIMUM COVER IS NOT POSSIBLE INSULATE AS PER CITY OF OTTAWA DWG. NO. W22. PROVIDE A MINIMUM 300mm VERTICAL SEPARATION BETWEEN SEWERS AND WATER SERVICE CONNECTIONS AND BETWEEN WATERMAIN AND SEWER SERVICE CONNECTIONS.
 - CONNECTION TO WATERMAIN BY CITY OF OTTAWA, CONTRACTOR SHALL PROVIDE EXCAVATION, BACKFILL, AND REINSTATEMENT.
 - WATER SERVICE CONNECTION SHALL BE COPPER ASTM B88 TYPE "K" SOFT. WATER SERVICE CONNECTIONS SHALL BE CONSTRUCTED OF A SINGLE RUN OF PIPE WITH NO JOINTS OR FITTINGS BETWEEN THE STREET LINE OR SOURCE OF SUPPLY ON THE PROPERTY AND THE INSIDE FACE OF THE BUILDING.
 - CONNECT PROPOSED SANITARY AND STORM SEWER SERVICE CONNECTIONS TO EXISTING MUNICIPAL SEWERS USING A PRE-FABRICATED SADDLE CONNECTION.
 - SEWER MATERIAL SHALL BE PVC SDR-28 AND SHALL CONFORM TO CSA B182.2 AND SHALL HAVE A MINIMUM 2% SLOPE WITH RUBBER GASKETS.
 - BEDDING AND SURROUND MATERIAL FOR SEWERS SHALL BE OPSG GRANULAR A. BEDDING AND SURROUND MATERIAL FOR WATERMAIN AND WATER SERVICE CONNECTIONS SHALL BE OPSG GRANULAR A OR OPSG GRANULAR M. RE-CYCLED GRANULAR MATERIALS ARE NOT PERMITTED.
 - THE SANITARY BUILDING DRAIN SHALL BE INSTALLED WITH A FULL-PORT BACKWATER VALVE TO CITY OF OTTAWA STANDARDS AND TO CITY OF OTTAWA DWG. NO. S14.1.
 - THE STORM BUILDING DRAIN SHALL BE INSTALLED WITH A BACKWATER VALVE TO CITY OF OTTAWA STANDARDS AND TO CITY OF OTTAWA DWG. NO. S14.
 - TRENCH DRAIN AND AREA DRAIN SUMP & PUMP: SUBMERSIBLE EFFLUENT PUMP WITH AN IMPELLER CAPABLE OF HANDLING 3/4 INCH (19mm) SOLIDS COMPLETE WITH ON/OFF FLOAT CONTROLS; 30 USgpm @ 23 FEET HEAD (115 L/MIN @ 7.0m); F. E. MYERS ME3F 1/3 HP OR EQUAL. SUMP SHALL BE A MINIMUM 600mm IN DIAMETER AND A MINIMUM 600mm DEEP. ANCHOR SUMP TO PREVENT UPLIFT FROM HYDROSTATIC PRESSURES. PROVIDE A HIGH WATER ALARM. DISCHARGE PIPE SHALL BE SELF-DRAINING. DISCHARGE OUTSIDE ONTO A CONCRETE SPLASH PAD.
 - FOUNDATION DRAIN SUMP & PUMP: SUBMERSIBLE SUMP PUMP WITH AN IMPELLER CAPABLE OF HANDLING 1/2 INCH (12mm) SOLIDS COMPLETE WITH ON/OFF & ALARM FLOAT CONTROLS; 20 USgpm @ 18 FEET HEAD (77 L/MIN @ 5.5m); F. E. MYERS MDC33 1/3 HP OR EQUAL. SUMP SHALL BE A MINIMUM 600mm IN DIAMETER AND A MINIMUM 600mm DEEP. ANCHOR SUMP TO PREVENT UPLIFT FROM HYDROSTATIC PRESSURES. PROVIDE A HIGH WATER ALARM. DISCHARGE PIPE SHALL BE SELF-DRAINING. DISCHARGE OUTSIDE ONTO A CONCRETE SPLASH PAD.
- CONSTRUCTION**
 - PRIOR TO COMMENCING WORK:
 - OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES.
 - SIZE, DEPTH AND LOCATION OF EXISTING UTILITIES AND STRUCTURES AS INDICATED ARE FOR GUIDANCE ONLY. EXISTING UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON PLANS. COMPLETENESS AND ACCURACY ARE NOT GUARANTEED. NOTIFY ALL APPLICABLE OWNERS, UTILITY COMPANIES AND AUTHORITIES HAVING JURISDICTION OF PROPOSED WORK AND LOCATE AND CLEARLY IDENTIFY ALL EXISTING SERVICES, UTILITIES AND STRUCTURES ON AND ADJACENT TO SITE. CONFIRM LOCATIONS OF BURIED SERVICES AND UTILITIES BY CAREFUL TEST EXCAVATIONS AND REPORT ANY DIFFERENCES TO THE ENGINEER.
 - COORDINATE AND SCHEDULE WORK WITH THE AUTHORITIES AND OTHER TRADES.
 - MAINTAIN AND PROTECT FROM DAMAGE, SERVICES, UTILITIES AND STRUCTURES ENCOUNTERED.
 - PROTECT EXISTING BUILDINGS, TREES AND OTHER PLANTS, LAWN, FENCING, SERVICE POLES, WIRES, PAVEMENT, SURVEY BENCH MARKS AND MONUMENTS AND OTHER SURFACE FEATURES FROM DAMAGE WHILE WORK IS IN PROGRESS. DO NOT DISTURB SOIL WITHIN BRANCH SPREAD OF TREES OR SHRUBS THAT ARE TO REMAIN.
 - PROVIDE TRAFFIC CONTROL AND SAFETY MEASURES INCLUDING ANY NECESSARY PERSONNEL AND THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNAGE AND BARRIERS.
 - SHORE AND BRACE EXCAVATIONS, PROTECT SLOPES AND BANKS AND PERFORM ALL WORK IN ACCORDANCE WITH OCCUPATIONAL HEALTH AND SAFETY ACT AND OTHER AUTHORITIES HAVING JURISDICTION.
 - CUT PAVEMENT AND / OR SIDEWALK NEATLY ALONG LIMITS OF PROPOSED EXCAVATION IN ORDER THAT SURFACE MAY BREAK EVENLY AND CLEANLY.
 - MAINTAIN RECORD DRAWINGS AND RECORD ACCURATELY DEVIATIONS FROM THE ORIGINAL CONTRACT DOCUMENTS CAUSED BY SITE CONDITIONS AND CHANGES MADE BY CHANGE ORDER OR ADDITIONAL INSTRUCTION. RECORD DRAWINGS SHALL INCLUDE BUT NOT NECESSARILY LIMITED TO CHANGES OF DIMENSION AND DETAIL, AND HORIZONTAL AND VERTICAL LOCATIONS OF UNDERGROUND UTILITIES AND APPURTENANCES REFERENCED TO A PERMANENT SURFACE STRUCTURE.
 - REINSTATE PAVEMENTS AND SIDEWALKS DISTURBED BY EXCAVATION TO THICKNESS, STRUCTURE AND ELEVATION WHICH EXISTED BEFORE EXCAVATION.
 - CLEAN AND REINSTATE AREAS AFFECTED BY THE WORK.

Committee of Adjustment
Received | Reçu le
2024-08-12
City of Ottawa | Ville d'Ottawa
Comité de dérogation



DRAWING LEGEND

- CB [] CATCH BASIN
- MH () MANHOLE
- CB/MH () CATCH BASIN/MANHOLE
- WS/WM [] WATER SERVICE / WATERMAIN
- SAN [] SANITARY SEWER
- ST [] STORM SEWER
- CS [] CURB STOP
- FH [] FIRE HYDRANT
- W [] WATER METER
- RM [] REMOTE WATER METER READOUT
- UP [] UTILITY POLE
- EXISTING GRADE ELEVATION
- + 93.79 PROPOSED GRADE ELEVATION
- 0.5% EXISTING SLOPE OF GRADE
- 0.5% SLOPE OF GRADE
- SWALE/DITCH (CENTERLINE)
- PROPERTY LINE
- FFL FIRST FLOOR ELEVATION
- TOF TOP OF FOUNDATION ELEVATION
- BFL BASEMENT FLOOR ELEVATION
- USF UNDERSIDE OF FOOTING ELEVATION



| No. | Date | REVISION |
|-----|-----------|--------------------------|
| 3 | MAY 6-16 | RE-ISSUED FOR APPROVAL |
| 2 | JUN 29-15 | ISSUED FOR APPROVAL |
| 1 | JUN 26-15 | ISSUED FOR CLIENT REVIEW |

D. B. GRAY ENGINEERING INC.
Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain
700 Long Point Circle Tel: 613-425-8044
Ottawa, Ontario K1T 4E9 dgray@rogers.com

Project
PROPOSED SINGLE DWELLING
946 COLONEL BY DRIVE
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING & GRADING PLAN

Engineer's Seal
D.B. GRAY
17016502
MAY 6-16
PROVINCE OF ONTARIO

Drawn D.B.G.
Hor. Scale 1:100
Vert. Scale
Date JUN 26-15
Job 14080
Drawing No. C-1 of 1