

DISTRICT OF COLUMBIA GOVERNMENT  
OFFICE OF THE SURVEYOR

Washington, D.C., December 18, 2019

Plat for Building Permit of: SQUARE 1218 LOT 107

Scale: 1 inch = 20 feet

Recorded in Book 215 Page 106

Receipt No. 20-01668 Drawn by: A.S.

Furnished to: DAVID C. LANDSMAN

"I hereby certify that the dimensions and configuration of the lot(s) hereon depicted are consistent with the records of the Office of the Surveyor unless otherwise noted, but may not reflect actual field measurements. The dimensions and configuration of A&T lots are provided by the Office of Tax and Revenue and may not necessarily agree with the deed description(s)."

Lynn Savoia

For: Surveyor, D.C.

I hereby certify that on this plat on which the Office of the Surveyor has drawn the dimensions of this lot, I have accurately and completely depicted and labeled the following:

1) all existing buildings and improvements - including parking spaces, covered porches, decks and retaining walls over four feet above grade, and any existing face-on-line or party wall labeled as such, well as projections and improvements in public space - with complete and accurate dimensions;

2) all proposed demolition or raze of existing buildings duly labeled as such; all proposed buildings and improvements - including parking spaces, covered porches, decks and retaining walls over four feet above grade, any existing face-on-line or party wall labeled as such, as well as projections and improvements in public space and the improvements used to satisfy pervious surface or green area ratio requirements - with complete and accurate dimensions, in conformity with the plans submitted with building permit application **B2007530**; and

3) any existing chimney or vent on an adjacent property that is located within 10 feet of this lot.

I also hereby certify that:

1) my depiction on this plat, as detailed above, is accurate and complete as of the date of my signature hereon;

2) there is no elevation change exceeding ten feet measured between lot lines; or if so, this elevation change is depicted on a site plan submitted with the plans for this permit application;

3) I ~~have~~ have not (circle one) filed a subdivision application with the Office of the Surveyor;

4) I have ~~have not~~ (circle one) filed a division of lots application with the Office of Tax & Revenue; and  
5) if there are changes to the lot and its boundaries as shown on this plat, or to the proposed construction

and plans as shown on this plat, that I shall obtain an updated plat from the Office of the Surveyor on which I will depict all existing and proposed construction and which I will then submit to the Office of the Zoning Administrator for review and approval prior to permit issuance.

Plats issued by the Office of the Surveyor will be valid for a period of two years from the date of issuance.

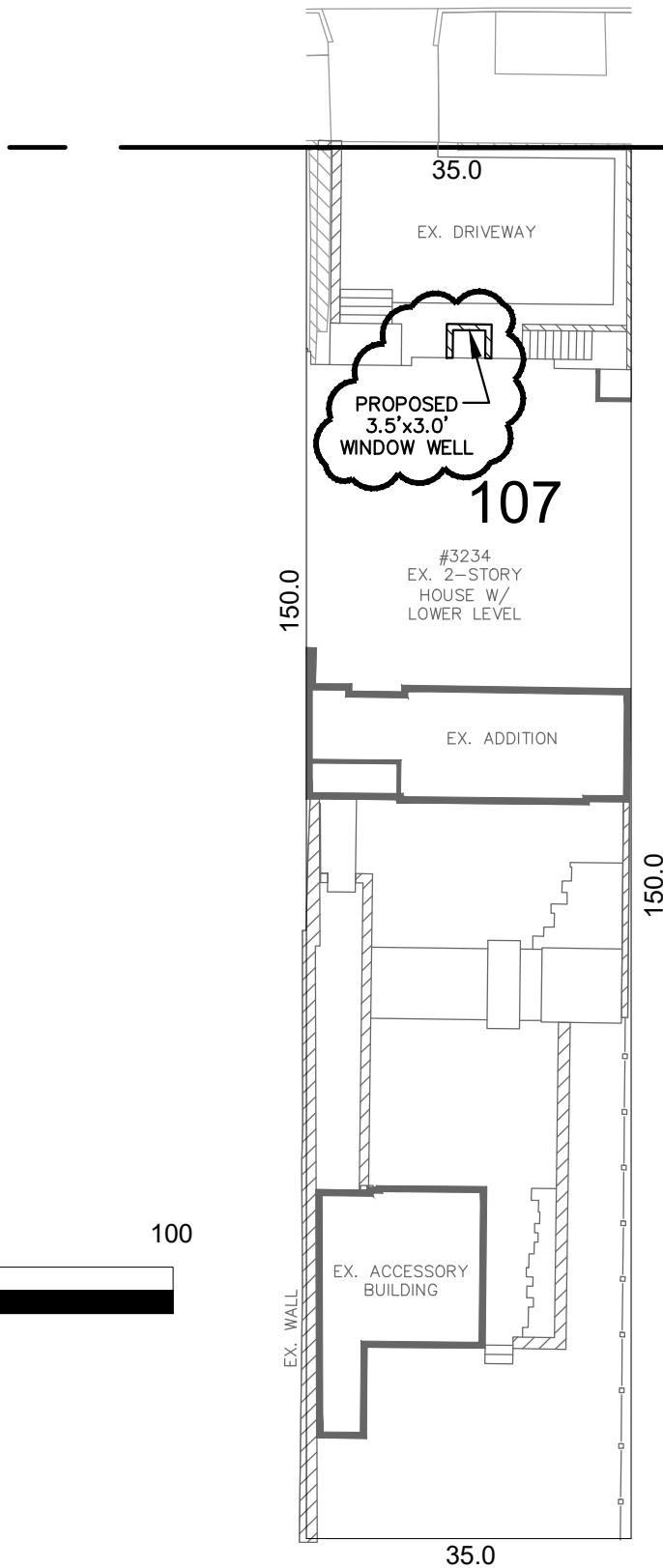
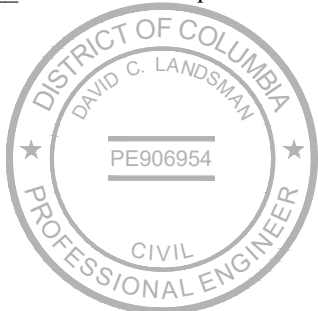
I acknowledge that any inaccuracy or errors in my depiction on this plat will subject any permit or certificate of occupancy issued in reliance on this plat to enforcement, including revocation under Sections 105.6(1) and 110.5.2 of the Building Code (Title 12A of the DCMR) as well as prosecution and penalties under Section 404 of D.C. Law 4-164 (D.C. Official Code §22-2405).

Signature: Wendy L. Larkin Date: April 28, 2020

Printed Name: **David C. Landsman** Relationship to Lot Owner: **Agent/Engineer**

If a registered design professional, provide license number PE906954 and include stamp below.

N STREET, N.W.



Notes:

1. All proposed demolition or raze of existing buildings is omitted for clarity, refer to Sheet CIV100 and CIV101 for additional details.
2. Existing chimneys and/or vents on adjacent properties within 10 feet of the subject property are not shown. Not applicable to project scope or reviews, and these locations are inaccessible.
3. Existing conditions shown hereon are based upon a survey completed in February, 2017.



SCALE: 1:20

LEGEND:

EX. = EXISTING

W/ = WITH

 = RETAINING WALL

SR-20-01668(2019)

\* E-MAIL

3234 N St. NW  
Washington, DC 20007

This architectural elevation drawing depicts a symmetrical two-story house. The roof is a gable with a wide pediment supported by decorative brackets. The facade is divided into five vertical sections by pilasters. From left to right: the first section contains a single window; the second and third sections each contain a double window; and the fourth section contains a single window. The ground floor features a central entrance with a small porch, flanked by two tall, narrow windows. A decorative pediment and a small lantern are positioned above the entrance door. The drawing is a black and white line art, showing the structural details and proportions of the building.

N Street Residence  
3234 N St. NW Washington DC 20007

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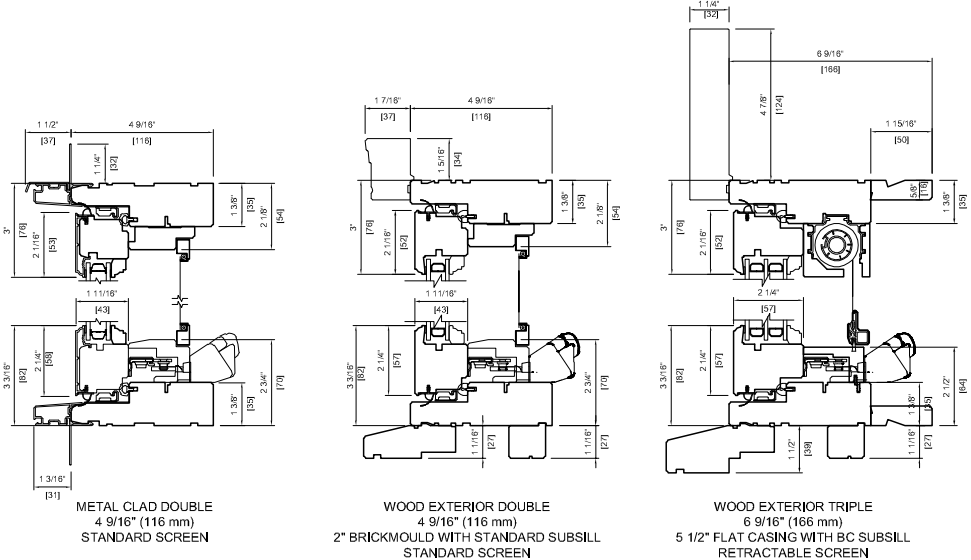
Technical Guide B

# Casement Windows

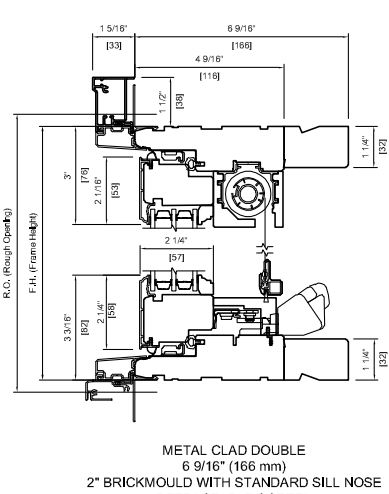


### Casement Window Detail

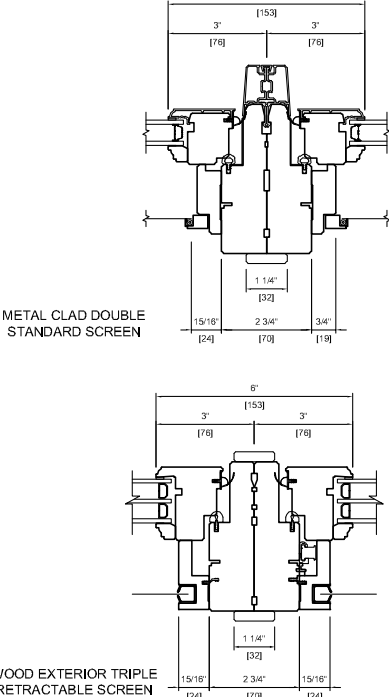
#### Head & Sill Detail



#### Head & Sill Detail



#### Plan View



Note: • Other jamb widths available.  
• All dimensions to have +/- 1/16" (2mm) tolerance.

### Product Features

#### Styles

Traditional, Push Out and Mission® options.

#### Standard Features

- Natural, clear Douglas Fir interior (no visible finger joints)
- 4 9/16" (116 mm) jamb construction
- LowE insulated glazing with 1/2" (13 mm) airspace
- Roto gear operator and concealed sash locks
- Extruded aluminum cladding in a variety of standard colors, primed wood or clear fir exterior
- Flexible continuous weatherstrip system
- Insect screens
- Metal handle, cover and locks

#### Hardware

Multiple hardware type and finish choices are available. See the Hardware in section A for more information

#### Glazing

**LowE Double** LowE Triple, Tranquility® and StormForce™. StormForce is not available on all products.

#### Simulated Divided Lites (SDL)

Ogee Profile – 3/4" (19 mm), 1 1/8" (30 mm), 2" (51 mm)

Putty Profile – 5/8" (16 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm)

Square Profile (interior only) – 3/4" (19 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm)

#### Casing

Wood: 2" (51 mm) Brickmould, 3 1/2" (89 mm) Flat, 5 1/2" (139 mm) Flat, Adams® and Williamsburg.

Metal Clad: 2" (51 mm) Brickmould, 3 1/2" (89 mm) Flat, 2" clad frame extension, Nose & Cove, Adams, Williamsburg and Kerf.

#### Metal Clad Color Spectrum

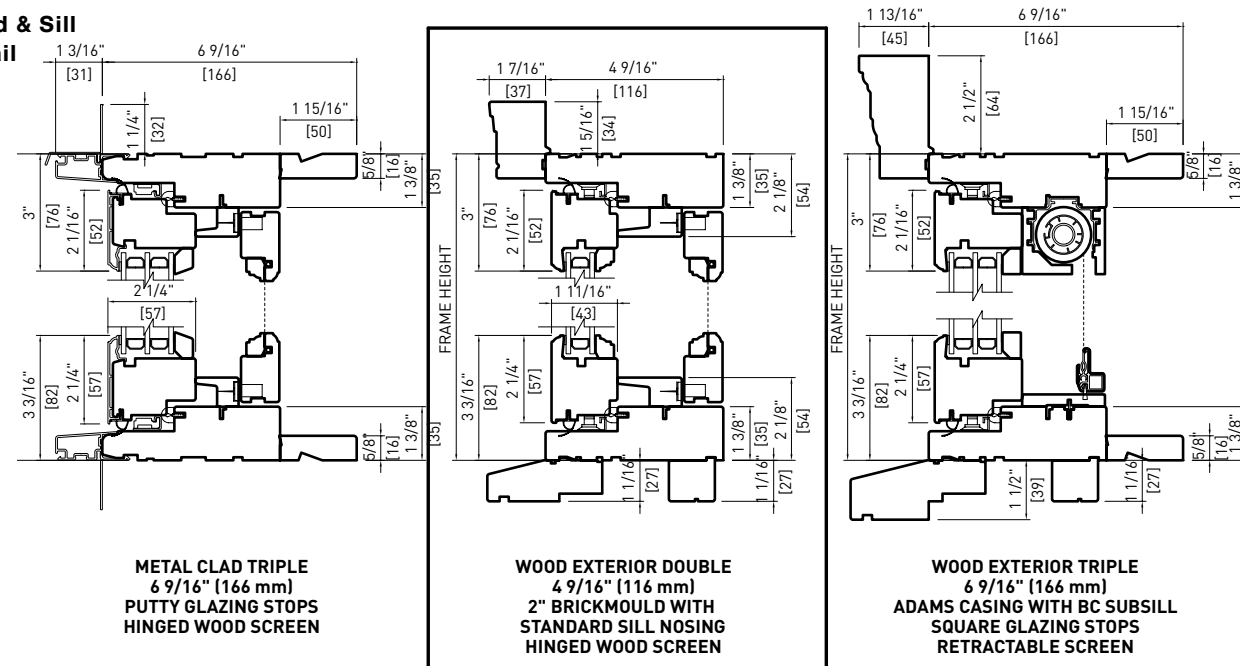
All Palette colors, including anodized finishes. Available in Cyprium Collection.



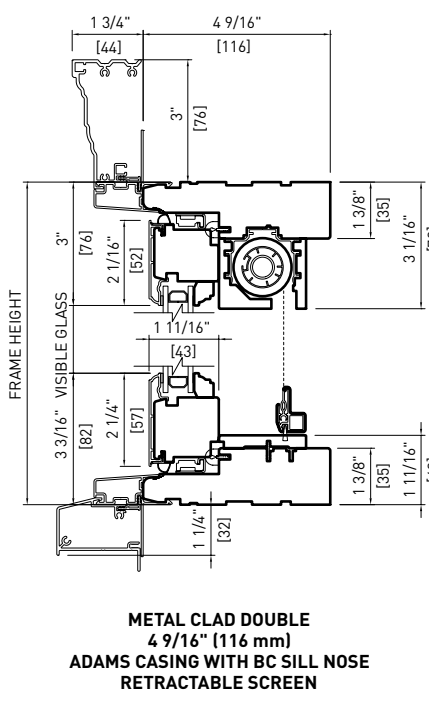
	Traditional Casement	Mission® Casement	French Casement	Push Out Casement
<b>HARDWARE STYLES</b>				
Folding Crank Handle	•	•		
Push Out Handle				•
Multi-point Lock	•	•	•	•
• Standard ○ Optional				
Finish Options: Refer to Section A.				
<b>VARIABLES</b>				
<b>Function</b>				
Use for Egress	•	•	•	•
Available with Screen	•	•	•	•
Concealed Hardware	•	•	•	•
<b>Durability</b>				
Low Maintenance	•	•	•	•
Metal Clad Exterior	•	•	•	•
Clear Douglas Fir Exterior Finish	○	○	○	○
Clear Mahogany Exterior Finish	○	○	○	○
Primed Exterior Finish	○	○	○	○
Cyprium Collection	○	○	○	○
<b>Performance</b>				
LowE Double	•	•	•	•
LowE Triple	○	○	○	○
StormForce®	○	○	○	•
<b>Appearance</b>				
SDL	○	○	○	○

### Push Out Casement Window Detail

#### Head & Sill Detail

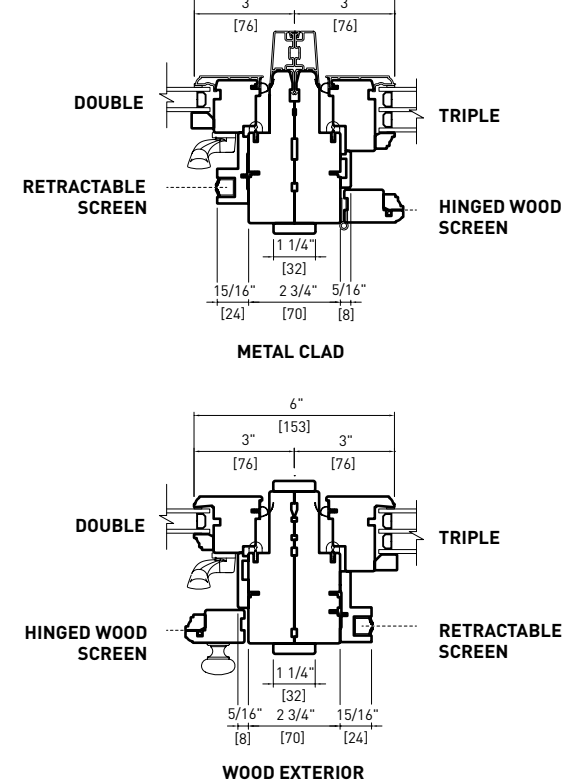


#### Head & Sill Detail



Note: • Other jamb widths available.  
• All dimensions to have +/- 1/16" (2mm) tolerance.

#### Plan View



### Specifications

#### Standards

Most units have been tested by an independent laboratory for air and water infiltration, structural performance, and thermal performance requirements.

#### Frame & Sash

Manufactured from Coastal Douglas Fir kiln-dried lumber with frame construction designed for 4 9/16" (116 mm) jamb. All wood exterior components are factory primed unless specified as clear exterior. Minor scratches or abrasions in the wood surface or primer are not considered defects.

#### Alternate Species

The entire Loewen product line is also available in optional Mahogany.

#### Preservative Treated

All wood parts are dipped in approved preservative.

#### Glazing

With countless glazing configurations and LowE coating options, we ensure that you can choose the perfect blend of protection and comfort.

#### Insulating Glass

Double or triple glass configurations with 1/2" (13 mm) airspace.

#### LowE Systems

LowE best describes the benefits of the product that incorporates glazing coatings and Argon gas. LowE systems help reduce heating and cooling costs, providing superior energy efficiency.

#### Simulated Divided Lites (SDL)

Standard SDL complete with airspace grilles, where available. Grille bars are permanently applied to the interior and exterior.

#### Hardware Option

Operator and sash locks are available in a variety of finishes. See section A.

#### Metal Cladding

Heavy duty exterior metal cladding comprised of extruded aluminum is available in a variety of Palette colors, including anodized and Cyprium (copper and bronze cladding). Interior of window can be natural wood (unfinished) or primed. Metal clad units are supplied ready-to-install complete with integral metal nailing flange.

#### Hardware

Standard Casement sash opens out to nearly 90 degrees for ease of cleaning. The roto gear operator will hold the sash at any position in its operating radius. The sash is supported by concealed heavy-duty hinges. All steel components are coated for superior corrosion protection.

#### Double Weatherstrip

The combination of a continuous, flexible foam weatherstrip and a flexible automotive type bulb weatherstrip ensures maximum energy efficiency and protection against air and water infiltration.

#### Screen

Screens available in bronze, linen, Tuscany brown, brushed aluminum or black aluminum frame, screened with anti-glare fiberglass cloth. Wood-framed screens and High Transparency mesh available. Optional Retractable Screen and Swinging Screen available. Swinging Screen available on Push Out models only.

#### Egress

Consult local building codes for confirmation of size requirements for your area. Special egress hardware is available for Casement windows, which enables some sizes to meet egress codes, eliminating the need to go to the next larger size window. Consult your Authorized Loewen Dealer for more details.

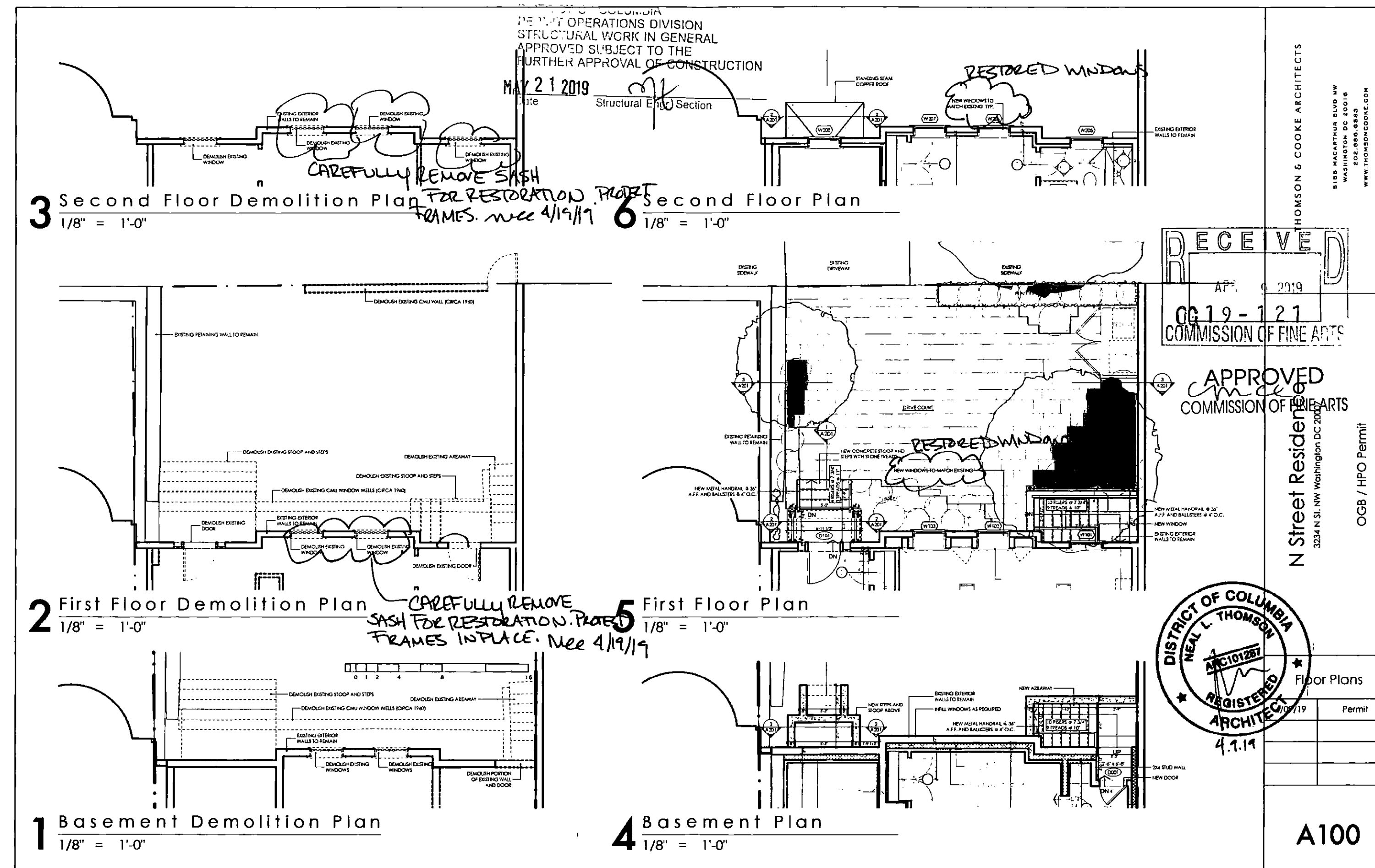
Visit the Loewen Photo Gallery online at [www.loewen.com](http://www.loewen.com) for a large collection of Loewen product and elevation photography. Numerous custom window configuration opportunities exist – please contact your Authorized Loewen Dealer. Specifications and technical information are subject to change without notice. Imperial and metric measurements are converted accurately. However, in some cases, industry standards cause a 1 mm variance. (Example: 3/4" is shown as 19 mm for all glass measurements.) Cad Download: [www.loewen.com/architect](http://www.loewen.com/architect) | Installation Instructions: [www.loewen.com](http://www.loewen.com)

I, Neal Thomson, am responsible for determining that the architectural designs included in this application (3234 N St. NW) are in compliance with all laws and regulations of the District of Columbia. I have personally prepared, or directly supervised the development of, the architectural designs included in this application.

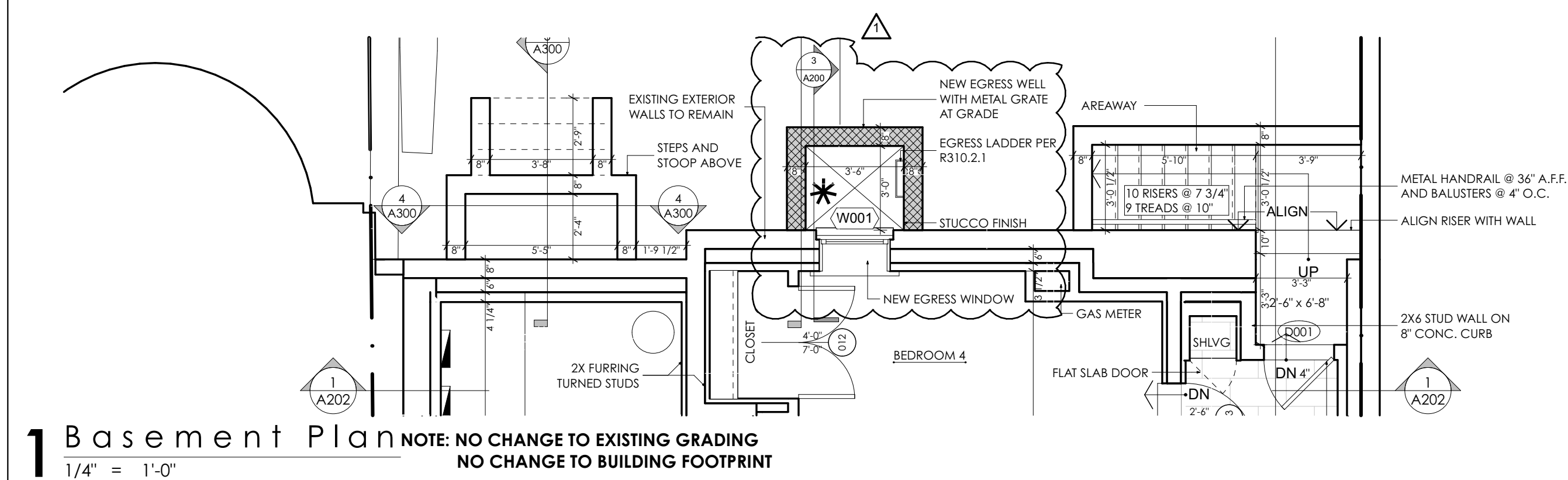
#### Window Details

04-09-2019	Permit
04-20-2020	Permit Revision

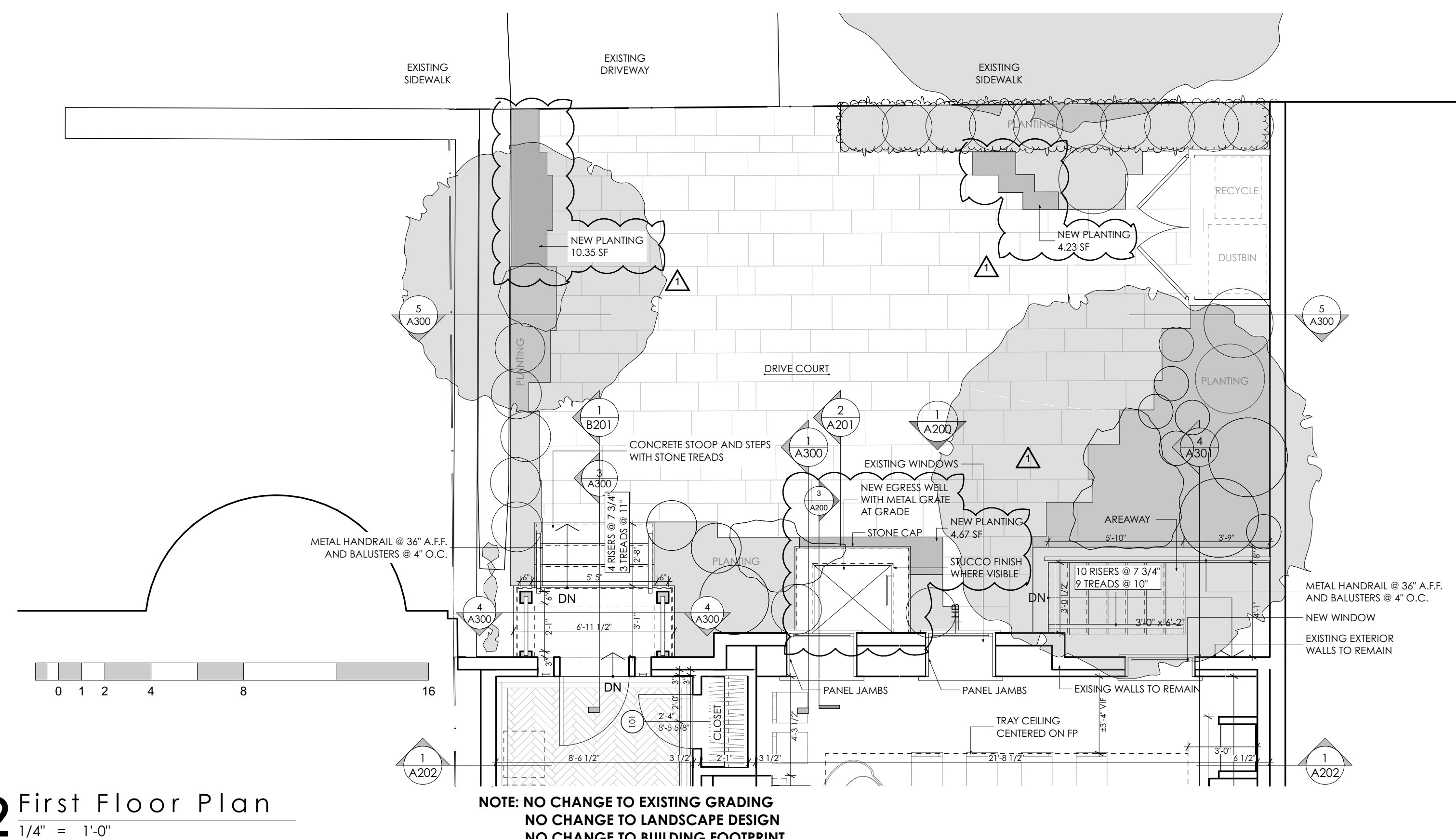




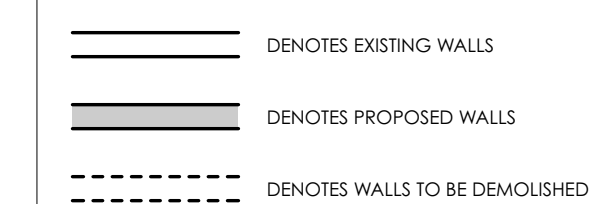
Previously Approved Drawings Per B1909869



## 2 First Floor Plan

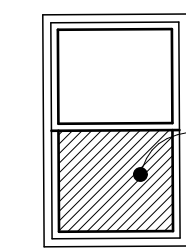


AREA OF PLANTING REMOVED: 14.01 SF  
AREA OF PLANTING ADDED: 19.25 SF



note: \*

ALL BEDROOM (I.E. SLEEPING ROOMS) SHALL HAVE AN EMERGENCY ESCAPE WINDOW [IRC 2012. 310]. THIS WINDOW SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQ. FT WITH A CLEAR HEIGHT OF 24 INCHES AND A CLEAR WIDTH OF 20 INCHES. THE MAXIMUM HEIGHT OF THE CLEAR OPENING FROM THE FLOOR IS 44 INCHES [IRC 2012. 310]



## WINDOW DETAIL




GENERAL NOTES:

1. UNLESS INDICATED OTHERWISE, DIMENSIONS ARE TO FACE OF FRAMING.
2. VERIFY ALL EXTERIOR RISER AND TREAD DIMENSIONS IN THE FIELD.
3. ALL SMOKE/ CARBON MONOXIDE DETECTORS TO BE HARDWIRED TO DEDICATED CIRCUIT, INTERCONNECTED & PROVIDED WITH BATTERY BACKUP.
4. PROVIDE CARBON MONOXIDE ALARMS PER R313.1.
5. ALL STAIRS HANDRAILS AND GUARDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION R311 AND R312 OF THE 2012 I.R.C.
6. SEE FRAMING PLANS FOR COORDINATION OF POST REQUIREMENTS.
7. ALL INTERIOR PARTITIONS NOT DIMENSIONED SHALL BE 3 1/2" THICK.
8. ALL ANGLES ARE 90° OR 45° UNLESS NOTED OTHERWISE.
9. RISE OF EXTERIOR ELEVATOR SHALL BE IN ACCORDANCE WITH WINDOW AND DOOR/ WINDOW SCHEDULE FOR WINDOW HEAD HEIGHTS.
10. ALL DOOR DIMENSIONS GIVEN IN FEET AND INCHES.

### WALL TYPES

TYPICAL EXTERIOR WALL: 2"x6" WOOD STUDS 16" O.C. WITH R-21 OPEN CELL SPRAY FOAM INSULATION, 1/2" OSB SHEATHING, TYVEK BUILDING WRAP, AND SIDING; SEE ELEVATIONS. INTERIOR FINISH TO BE 1/2" GYP. BOARD.

TYPICAL INTERIOR WALL: 2"X4" STUDS 16" O.C. WITH 1/2" GYP BOARD EACH SIDE.

-  DENOTES EXISTING WALLS  
 DENOTES PROPOSED WALLS  
 DENOTES WALLS TO BE DEMOLISHED

THOMSON & COOKE ARCHITECTS

5155 MACARTHUR BLVD NW  
WASHINGTON DC 20016  
202.686.6583  
WWW.THOMSONCOOKE.COM



N Street Residence  
3234 N St. NW Washington DC 20007

THOMSON & COOKE Architects plc

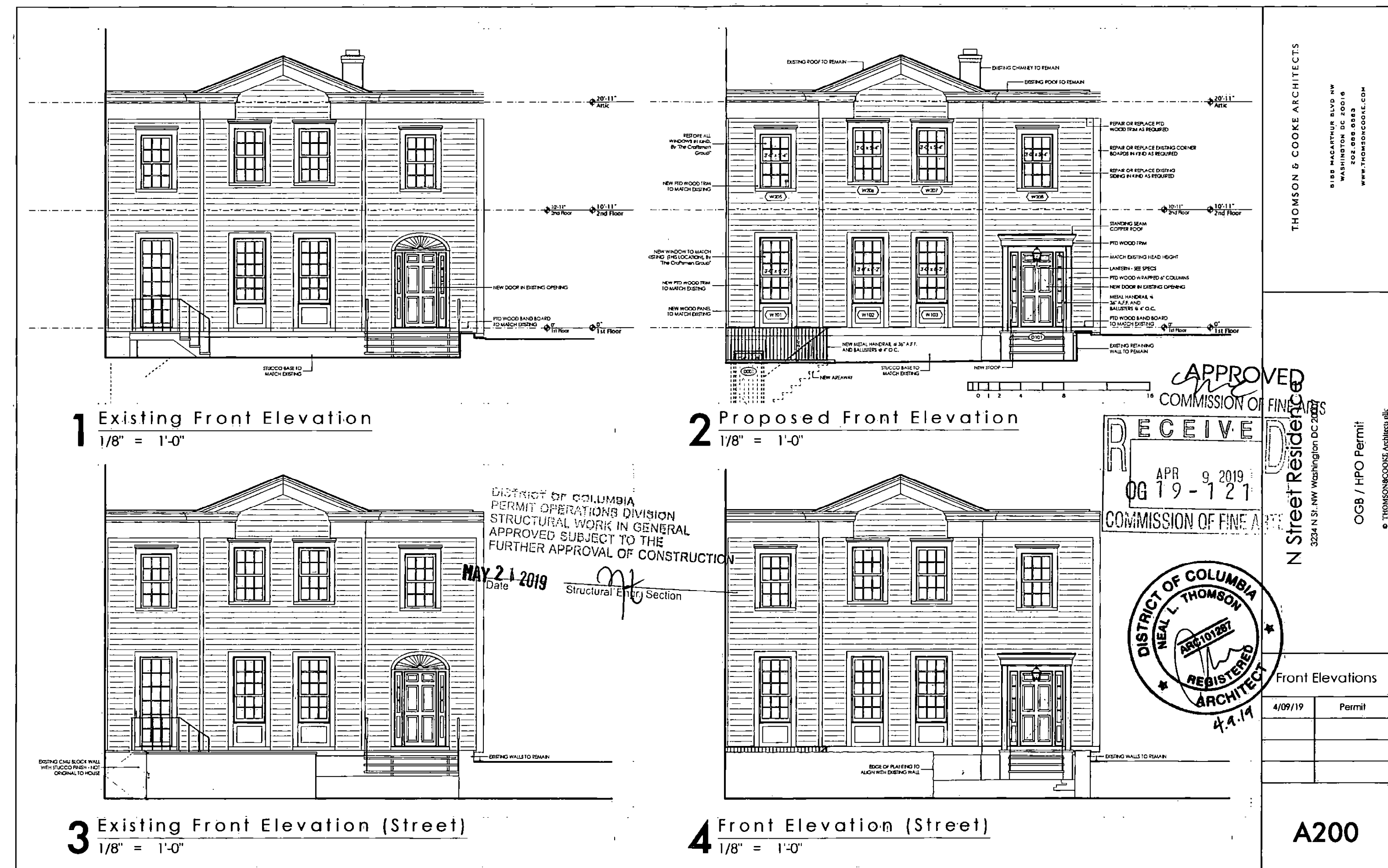
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## Floor Plans

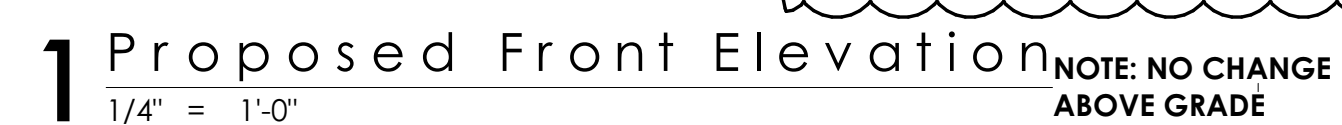
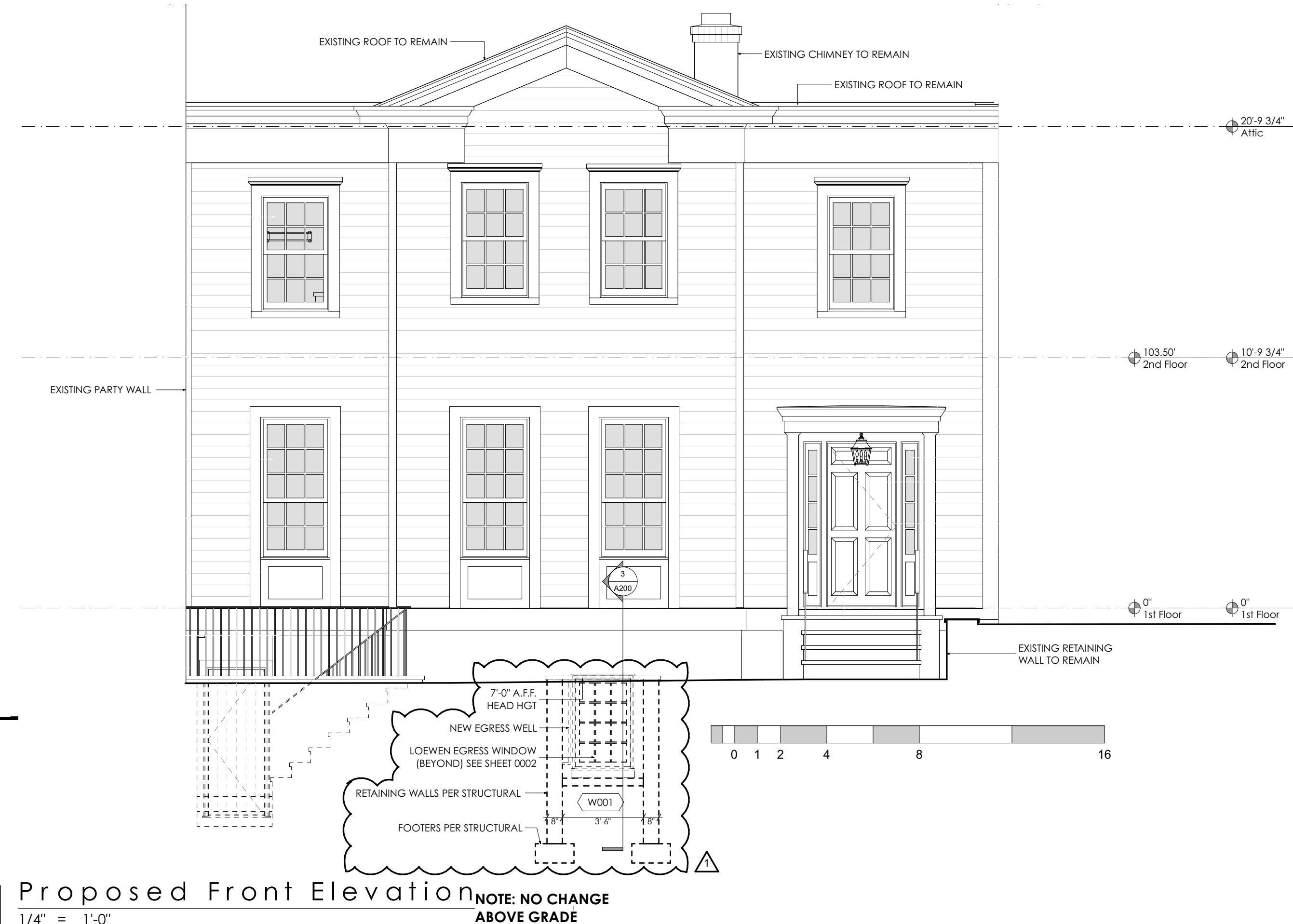
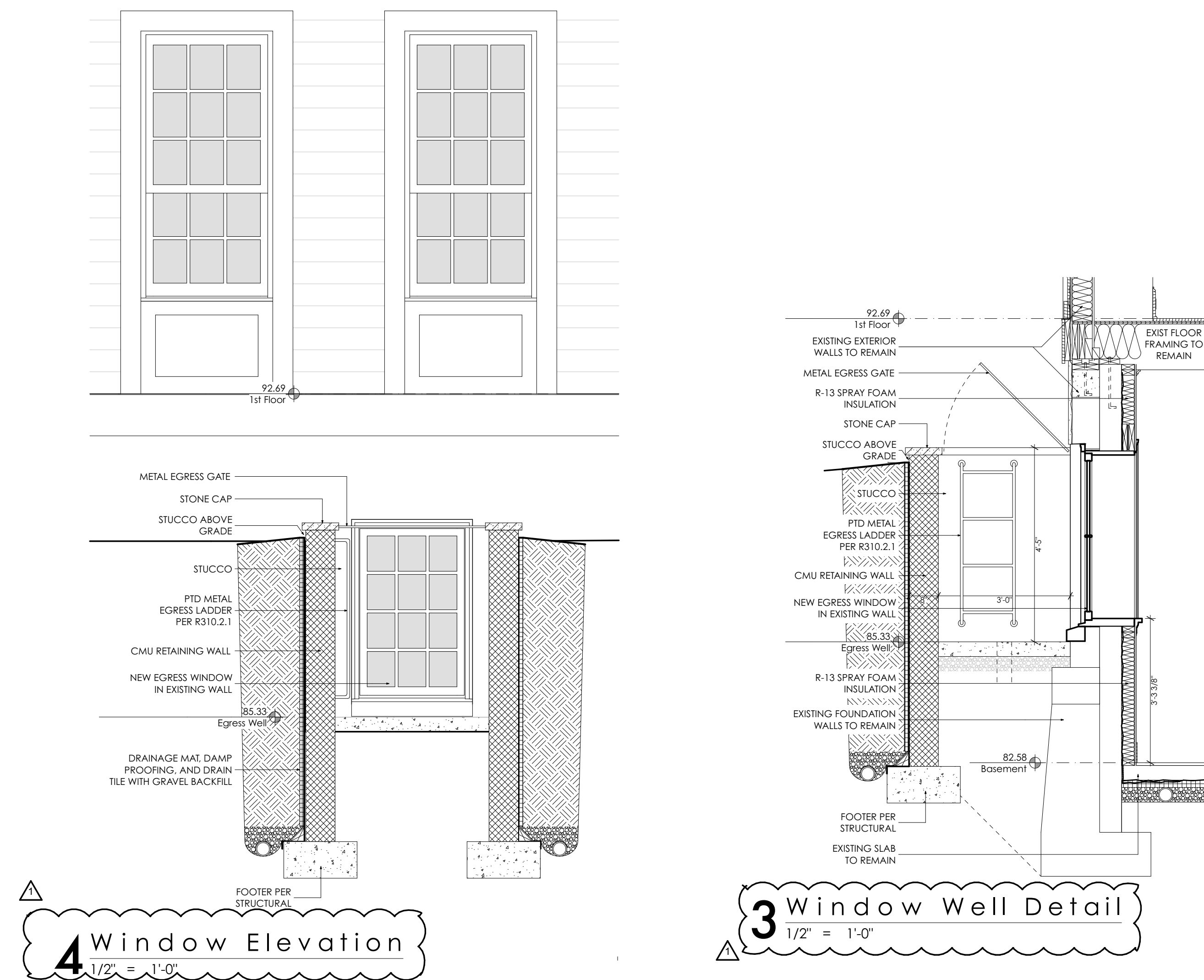
1	04-09-2019	Permit
	04-20-2020	Permit Revision

# A100





Previously Approved Drawings Per B1909869



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## Elevations & Sections

[illegible]

# A200





3234 N ST. NW - VIEW FROM STREET



3234 N ST. NW - VIEW FROM SIDEWALK



3234 N ST. NW - VIEW OF PARKING COURT



3234 N ST. NW - EXISTING LANDING AND AREAWAY



3234 N ST. NW - EXISTING FRONT FACADE, LEFT SIDE



3234 N ST. NW - EXISTING FRONT FACADE, CENTER



3234 N ST. NW - EXISTING FRONT ENTRY

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Existing Conditions

04-09-2019	Permit
04-20-2020	Permit Revision

PIC000



1. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING, BRACING, SHEETING AND MAKE SAFE ALL FLOORS, ROOFS, WALLS AND ADJACENT PROPERTY, AS PROJECT CONDITIONS REQUIRE. A PROFESSIONAL ENGINEER, LICENSED BY THE DISTRICT OF COLUMBIA AND HIRED BY THE CONTRACTOR, SHALL DESIGN ALL SHORING AND SHEETING AND SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE OWNER'S REVIEW.

2. ALL STRUCTURAL WORK SHALL BE CONSTRUCTED WITH STRUCTURAL AND MECHANICAL DRAWINGS AND SHALL CONFORM TO THE PROJECT SPECIFICATIONS, INCLUDING THE INTERNATIONAL RESIDENTIAL CODE 2012 AS AMENDED BY THE DISTRICT OF COLUMBIA DOMESTIC RESIDENTIAL CODE.

3. DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION ARE BASED ON INFORMATION CONTAINED IN VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER, AND LIMITED FIELD OBSERVATIONS AND MEASUREMENTS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY ACTUAL MEASUREMENT AND OBSERVATION AT THE SITE. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN IN THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT FOR EVALUATION BEFORE THE AFFECTED CONSTRUCTION IS PUT IN PLACE.

4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL RECORDS, INCLUDING CONSTRUCTION, ELECTRONIC VERSIONS (DWG) OF THESE DRAWINGS SHOULD NOT BE USED TO DETERMINE DIMENSIONS OR GATHER ANY INFORMATION THAT IS NOT SPECIFICALLY LABELED OR OTHERWISE DENOTED IN PLAN, SECTION, OR DETAIL. DUPLICATION OF THESE DRAWINGS FOR USE IN THE PREPARATION OF SHOP DRAWINGS IS NOT ACCEPTABLE. THIS INCLUDES ANNOTATED HARD-COPIES AND DIRECT REUSE OF ELECTRONIC FILES.

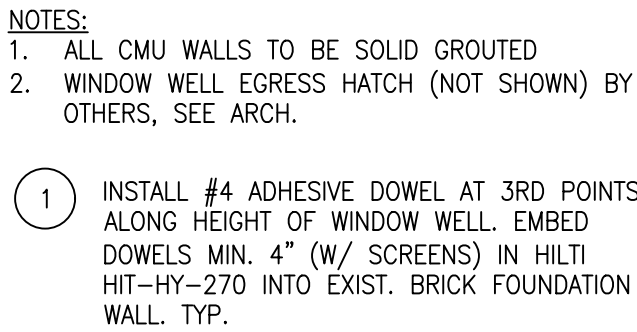
1. BUILDING FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL HAVING MINIMUM BEARING CAPACITY OF 4000 PSF. AS SPECIFIED BY THE GEOTECHNICAL REPORT PREPARED BY DMY ENGINEERING CONSULTANTS, INC., DATED MARCH 28, 2016 AND SUPPLEMENTAL REPORT DATED SEPTEMBER 20, 2016. ADEQUACY OF BEARING STRATUM SHALL BE VERIFIED IN FIELD PRIOR TO PLACING CONCRETE. ADJUST BOTTOM OF FOOTING ELEVATIONS AS REQUIRED.
2. FINISH ALL FOOTING EXCAVATIONS BY HAND. NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND. PROTECT FOOTINGS FROM FROST AFTER THEY ARE PLACED.
3. AT INTERSECTIONS BETWEEN NEW AND EXISTING WALLS, STEP NEW FOOTING TO MATCH EXISTING. DRILL AND GROUT 2-#5 BARS X 2'-6" LONG INTO EXISTING FOOTING IN HILTI HIT-HY200 ADHESIVE WITH 6" EMBEDMENT.
4. DO NOT PLACE FILL AGAINST FOUNDATION WALLS UNLESS ADEQUATELY BRACED BY COMPLETED FLOORS OR OTHER MEANS DEEMED APPROPRIATE BY THE ARCHITECT.
5. FILL AND BACKFILL MATERIALS- CLEAN RUN OF BANK MATERIAL, FREE OF DELETERIOUS ORGANIC MATERIALS.
6. ALL EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 2'-6" BELOW FINAL GRADE.

1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS. SLUMP SHALL BE 4" FOR SLABS ON GRADE AND 5" FOR ALL OTHER CONCRETE.
2. SLABS ON GRADE SHALL BE 4" CONCRETE REINFORCED WITH WWF#6-W1.4XW1.4 ON 10 MIL. POLY. VAPOR BARRIER ON 4" CRUSHED STONE, U.N.O.
3. ALL FOUNDATION CONCRETE AND GARAGE FLOOR SLABS SHALL INCLUDE 5% AIR ENTRAINMENT (±1.5%). ADJUST AIR ENTRAINMENT FOR EXPOSURE CLASS AS REQUIRED.
4. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE DETAILED ACCORDING TO THE ACI MANUAL OF CONCRETE PRACTICE (ACI 315), LOCALLY APPROVED EDITION.
5. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185, WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
6. CONCRETE WORK SHALL BE DESIGNED, REINFORCED, PLACED AND CURED IN CONFORMANCE WITH THE LOCALLY APPROVED EDITION OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE", AND ALL RECOMMENDED PRACTICES CONTAINED THEREIN SHALL BE CONSIDERED MANDATORY FOR THIS PROJECT.
7. PROVIDE MINIMUM TEMPERATURE REINFORCEMENT, AS REQUIRED BY ACI-318, IN ALL SLABS AND WALLS WHERE REINFORCEMENT IS NOT INDICATED ON DRAWINGS.
8. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6".
9. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:

SLABS:	3/4"
BEAMS, COLUMNS:	1 1/2"
FOOTINGS:	3"
EXTERIOR WALLS:	2" FOR #6 OR LARGER, 1 1/2" FOR #5 OR SMALLER
INTERIOR WALLS:	3/4"
10. ALL GROUT SHALL BE NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.
11. UNLESS SPECIFICALLY WAIVED BY ENGINEER OF RECORD, CEMENTITIOUS MATERIAL REPLACEMENT FOR CONCRETE MIXES AT ALL CAST-IN-PLACE CONCRETE SHALL BE 10% MINIMUM AND 33% MAXIMUM USING ONE OF THE FOLLOWING: GROUND GRANULATED BLAST FURNACE SLAG (GGBS) OR FLY ASH.
12. WHERE CONCRETE IS PLACED AGAINST AND DOWELED TO HARDENED CONCRETE AND/OR WHERE A ROUGHENED SURFACE IS INDICATED IN THE STRUCTURAL DRAWINGS, THE HARDENED CONCRETE SURFACE SHALL BE CLEAN AND FREE OF LANTACE AND SHALL BE ROUGHENED TO A FULL AMPLITUDE OF APPROXIMATELY 1/4".

1. ALL CONCRETE MASONRY WORK SHALL CONFORM TO THE "NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS," (LOCALLY APPROVED EDITION) AND THE MASONRY STANDARDS JOINT COMMITTEE SPECIFICATIONS (ACI 530.1 - LOCALLY APPROVED EDITION).
2. FILL ALL VOIDS SOLD IN PIERS AND DIRECTLY UNDER BEARING LOCATIONS AND ALL BELOW-GRADE FOUNDATION WALLS.
3. WHERE A WOOD POST OR PIPE COLUMN BEARS DIRECTLY ON A CONCRETE MASONRY WALL, FILL ALL BLOCKS SOLID WITHIN A 32" WIDTH, CENTERED ON THE POST OR PIPE COLUMN.
4. MORTAR SHALL BE ASTM C270, TYPE S FOR ALL WORK.
5. THE NET AREA COMPRESSIVE STRENGTH OF NEW MASONRY ASSEMBLIES,  $f_m$ , SHALL MEET OR EXCEED 1500 PSI.
6. UNLESS NOTED OTHERWISE, ALL GROUT SHALL BE COARSE-TYPE, SHALL MEET ASTM C476-02, AND ITS COMPRESSIVE STRENGTH SHALL EXCEED  $f_m$  OR 2000 PSI, WHICHEVER IS GREATER.
7. WHERE GROUTED CELLS DO NOT EXCEED 4" IN DIAMETER, FINE GROUT SHALL BE USED.
8. HORIZONTAL REINFORCING: NO LESS THAN NO. 9 GAUGE TRUSS-TYPE DUR-O-WAL OR EQUAL, SPACED @ 16" O.C. VERTICALLY AND ABOVE ALL LINTELS.
9. PROVIDE FABRICATED CORNER SECTIONS AT ALL CORNERS AND INTERSECTIONS.
10. ALL BLOCK DIMENSIONS INDICATED ON STRUCTURAL PLANS ARE NOMINAL DIMENSIONS.

ADD'L	ADDITIONAL	DWL	DOWEL	LLH	LONG LEG HORIZONTAL	R.O.	ROUGH OPENING
ADJ.	ADJACENT	(E)	EXISTING MEMBER OR DIMENSION	LLV	LONG LEG VERTICAL	SCHED.	SCHEDULE
A/E	DESIGN TEAM OF RECORD	EXIST.	EXISTING	LSL	LAMINATED STRAND LUMBER	SECT.	SECTION
ALT.	ALTERNATIVE	EA.	EACH	LVL	LAMINATED VENEER LUMBER	SIM.	SIMILAR
APC	ANTHONY POWER COLUMN	E/	EDGE OF	L-W	LONG WAY	S.I.F.	STEP IN FOOTING
APPROX.	APPROXIMATE	E.A.	EACH FACE	L.P.	LOW POINT	S.O.G	SLAB ON GRADE
ARCH.	ARCHITECTURAL/ARCHITECT	E.J.	EXPANSION JOINT	L.W.	LIGHT WEIGHT	SPEC.	SPECIFICATION
B.O.	BOTTOM OF	E.L.	ELEVATION	MAX.	MAXIMUM	SQR.	SQUARE
BLDG.	BUILDING	EMBED.	EMBEDMENT	MECH.	MECHANICAL	S.S.	STAINLESS STEEL
BM	BEAM	ENGR	ENGINEER	MEP	MECHANICAL, ELECTRICAL, PLUMBING &	STD.	STANDARD
BOT.	BOTTOM	E.O.R.	ENGINEER OF RECORD	F.P.		STIFF.	STIFFENER
BRG	BEARING	EQ.	EQUAL	MFR.	MANUFACTURER	STIR.	STIRRUP
BSMT	BASEMENT	E.S.	EACH SIDE	MIN.	MINIMUM	STL.	STEEL
CANT.	CANTILEVERED	EXT.	EXTERIOR	MISC.	MISCELLANEOUS	SQR.	SQUARE
(C.E.)	CONCRETE ENCASED MEMBER	E.W.	EACH WAY	M.O.	MASONRY OPENING	S-W	SHORT WAY
CFS	COLD FORMED STEEL	FNDN	FOUNDATION	N.F.	NEAR FACE	SYM.	SYMMETRICAL
C.I.	CAST IRON	FIN.	FINISH	N.I.C.	NOT IN CONTRACT	T.C.	TERRA COTTA
C.I.P.	CAST IN PLACE	FLR.	FLOOR	NO.	NUMBER	T.O.	TOP OF
C.J.	CONTROL JOINT	FRWG	FRAMING	NOM.	NOMINAL	T&B	TOP AND BOTTOM
CLG	CEILING	F.S.	FAR SIDE	N.S.	NEAR SIDE	TEMP.	TEMPORARY
CLR	CLEAR	FTG	FOOTING	N.T.S.	NOT TO SCALE	T&G	TONGUE AND GROOVE
CMU	CONCRETE MASONRY UNIT	F.P.	FIRE PROTECTION	O.C.	ON CENTER	THK.	THICK(NESS)
COL	COLUMN	F.W.	FLAT WISE	O.D.	OUTSIDE DIAMETER	T.L.S.	TENSION LAP SPLICE
CONC.	CONCRETE	GA.	GAUGE	O.F.	OUTSIDE FACE	TR.	TRANSFER
COORD.	COORDINATE	GLV.	GALVANIZE	OPNG.	OPENING	TYP.	TYPICAL
CONTR.	CONTRACTOR	G.B.	GRADE BEAM	OPP.	OPPOSITE	U.N.O.	UNLESS NOTED OTHERWISE
COTR.	CONTRACT OFFICER'S TECHNICAL REP.	G-LAM	GLUE LAMINATED LUMBER	P.A.F.	POWER ACTUATED FASTENER	U-P	UNDERPINNING
CTR.	CENTER	HORIZ.	HORIZONTAL	P.C.	PIECE	VERT.	VERTICAL
D.B.A.	DEFORMED BAR ANCHOR	H.P.	HIGH POINT	P/C	PRECAST CONCRETE	V.I.F.	VERIFY IN FIELD
DBL	DOUBLE	HT.	HEIGHT	PERP.	PERPENDICULAR	W/	WITH
DEMO	DEMOLITION	HVAC	HEATING, VENTILATION & AIR	PL.	PLATE	W.A.	WORK POINT
DTL	DETAIL			PLF	POUND PER LINEAR FOOT	W-P	WATER PROOF
DIA.	DIAMETER	I.D.	INSIDE DIAMETER	PSI	POUND PER SQUARE INCH	WWF	WELDED WIRE FABRIC
DIAG.	DIAGONAL	I.F.	INSIDE FACE	PSL	PARALLEL STRAND LUMBER	#	NUMBER
DIM.	DIMENSION	I.J.	ISOLATION JOINT	P-T	POST TENSIONED	Ø	CENTER LINE
D.L.	DEAD LOAD	INFO.	INFORMATION	P.T.	PRESERVATIVE TREATED	Ø	DIAMETER
DN	DOWN	INT.	INTERIOR	REINF.	REINFORCED	Ø	DIAMETER
DO	DITTO	J.T.	JOINT	REQ'D	REQUIRED	Ø	DIAMETER
DWG(S)	DRAWING(S)	L.L.	LIVE LOAD	REV.	REVISION	Ø	DIAMETER



A circular professional engineer seal for Christopher A. Cobb, District of Columbia. The seal contains the text "DISTRICT OF COLUMBIA" at the top, "CHRISTOPHER A. COBB" in the center, and "PE907006" below a horizontal line. The outer ring of the seal reads "PROFESSIONAL ENGINEER" and "STRUCTURAL" is written vertically on the left side. A signature is scrawled across the bottom of the seal.

"I AM RESPONSIBLE FOR DETERMINING THAT THE STRUCTURAL ENGINEERING DESIGNS INCLUDED IN THE APPLICATION ARE IN COMPLIANCE WITH ALL LAWS AND REGULATIONS OF THE DISTRICT OF COLUMBIA. I HAVE PERSONALLY PREPARED, OR DIRECTLY SUPERVISED THE DEVELOPMENT OF THE STRUCTURAL ENGINEERING DESIGNS INCLUDED IN THIS APPLICATION."



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N Street Residence  
3234 N St. NW Washington DC 20007

[illegible]

# S300

EARTHQUAKE DESIGN DATA		SOIL DESIGN DATA	
PARAMETER	VALUE	PARAMETER*	VALUE
SHORT-PERIOD MAP VALUE ( $S_g$ )	11.9% g	AT-REST PRESSURE CONDITION	50 PSF/FT
SEISMIC SITE CLASS	D	ACTIVE PRESSURE CONDITION	40 PSF/FT
SHORT-PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION ( $S_{gs}$ )	12.7% g	PASSIVE PRESSURE CONDITION	350 PSF/FT
		SURCHARGE LOADS	100 PSF
RESIDENTIAL SEISMIC DESIGN CATEGORY	A	S.O.G. COEFFICIENT OF SLIDING FRICTION	0.45
PER R301.2.2, THE SEISMIC PROVISIONS OF THE RESIDENTIAL BUILDING CODE ARE NOT APPLICABLE TO DETACHED ONE-FAMILY DWELLINGS ASSIGNED TO SEISMIC DESIGN CATEGORY A, B, OR C.		FACTORS OF SAFETY (OTM & SLIDING)	1.5
		TOTAL/DIFFERENTIAL SETTLEMENT	1/5" INCH
		* PER GEOTECHNICAL REPORT DETAILED IN FOUNDATION NOTES.	