

**BUILDING CODE COMPLIANCE**

CITY OF MERCER ISLAND ADOPTED CODES:  
 MICC - MERCER ISLAND CITY CODE  
 IBC 2015 - INTERNATIONAL BUILDING CODE  
 IRC 2015 - INTERNATIONAL RESIDENTIAL CODE  
 IMC 2015 - INTERNATIONAL MECHANICAL CODE  
 IFC 2015 - INTERNATIONAL FIRE CODE  
 IECC 2015 - INTERNATIONAL ENERGY CONSERVATION CODE  
 2015 WASHINGTON STATE ENERGY CODE

**BUILDING CODE ANALYSIS**

**PROPOSED USE/OCCUPANCY:**  
 R-15: SINGLE-FAMILY DWELLING PER MICC 19.02.020 /  
 R-3 RESIDENTIAL GROUP PER IBC 310.5  
**PARKING REQUIREMENTS:**  
 RESIDENTIAL - (3) PASSENGER AUTOMOBILE PARKING SPACES, AT LEAST (2) COVERED PER MICC 19.02.020.G.1  
**TYPE OF CONSTRUCTION:**  
 RESIDENTIAL R: TYPE V-B (UNPROTECTED WOOD FRAME) PER IBC TABLE 503  
 PARKING U: TYPE V-B (UNPROTECTED WOOD FRAME) PER IBC TABLE 503  
**FIRE RESISTANCE FOR BUILDING ELEMENTS**  
 TYPE V-B: UNPROTECTED WOOD FRAME  
 EXTERIOR WALLS: 0 HR. (PER IBC TABLE 601) 0-1 HR.  
 PER IBC TABLE 602 FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE  
 BEARING & NON-BEARING WALL CONSTRUCTION: 0 HR. (PER IBC TABLE 601)  
**EXISTING BUILDING SPRINKLER REQUIREMENTS**  
 PER MICC 17.02.020  
 AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT THE RESIDENCE WHEN THE CONSTRUCTION VALUE OF ALL ADDITIONS, ALTERATIONS OR REPAIRS PERFORMED WITHIN A SIXTY-MONTH PERIOD EXCEEDS 50% OF THE VALUE OF THE RESIDENCE.

**BUILDING SETBACKS:**

MICC 19.02.020.C.1

**FRONT YARD (19.02.020.C.1.A):**  
 MINIMUM 20 FEET

**REAR YARD (19.02.020.C.1.B):**  
 MINIMUM 25 FEET

**SIDE YARD (19.02.020.C.1.C):**  
 FOR LOTS WITH A WIDTH OF MORE THAN 90 FEET, THE SUM OF THE SIDE YARDS' DEPTH SHALL BE A WIDTH THAT IS EQUAL TO AT LEAST 17% OF THE LOT WIDTH.

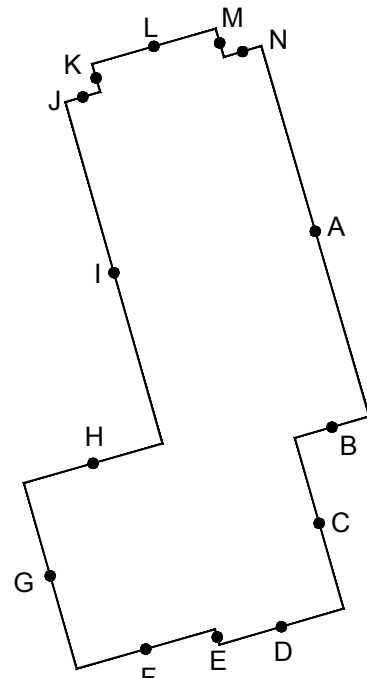
128'-9 1/4" X 0.17 = 21'-10 3/4"

MINIMUM SIDE YARD DEPTH ABUTTING AN INTERIOR LOT LINE IS 5 FEET OR 33% OF THE AGGREGATE SIDE YARD TOTAL DEPTH, WHICHEVER IS GREATER.

**MINIMUM SIDE YARD REQUIRED**  
 21'-10 3/4" X .33 = 7'-2 3/4"

**VARIABLE SIDE YARD REQUIRED**  
 21'-10 3/4" - 7'-2 3/4" = 14'-8"

**AVERAGE BUILDING ELEVATION CALCULATIONS:**



AVERAGE BUILDING ELEVATION IS CALCULATED USING THE MIDPOINT, MEASURED HORIZONTALLY, OF EXTERIOR WALLS OF THE STRUCTURE.

MIDPOINT ELEVATION	X	SEGMENT LENGTH	
A 203.83'	X	60.28'	= 12,286.87
B 207.00'	X	12.08'	= 2,500.56
C 209.00'	X	27.79'	= 5,808.11
D 214.00'	X	20.19'	= 4,320.66
E 214.00'	X	2.48'	= 530.72
F 214.00'	X	22.50'	= 4,815.00
G 214.00'	X	30.17'	= 6,456.38
H 214.00'	X	22.50'	= 4,815.00
I 214.00'	X	55.49'	= 11,874.86
J 203.50'	X	5.64'	= 1,147.74
K 203.50'	X	4.58'	= 932.03
L 203.50'	X	20.08'	= 4,086.28
M 203.50'	X	4.58'	= 932.03
N 203.50'	X	6.12'	= 1,245.42

TOTAL LENGTH X AVG. ELEV + TOTAL LENGTH:  
 61,751.66 + 294.48'

AVG BUILDING ELEVATION: 209.69'

**HEIGHT LIMITS**

**MICC 19.02.202.E BUILDING HEIGHT LIMIT**  
 THE MAXIMUM BUILDING HEIGHT SHALL NOT EXCEED THIRTY FEET (30') IN HEIGHT ABOVE AVERAGE BUILDING ELEVATION TO THE HIGHEST POINT OF THE ROOF.

**MAXIMUM ALLOWABLE BUILDING HEIGHT:**  
 ELEV = 239.69'

**PROJECT INFORMATION**

**OWNER:**  
 MAYA & PIERRE NADER

**PROJECT ADDRESS:**  
 5472 WEST MERCER WAY  
 MERCER ISLAND, WA 98040

**LAND USE ZONE:**  
 R-15

**ASSESSOR'S PARCEL NUMBER:**  
 294890 -0051

**LEGAL DESCRIPTION:**  
 GROVELAND PARK ADD POR OF VAC BLKS 4 & 5 & OF VAC BIXBY ST DAF BEG ON N LN OF S 150 FT OF SD BLK 5 S 88-46-49 W 136.01 FT FR E LN OF SE 1/4 OF SEC 24-24-04 TH CONT S 89-46-49 W ALG SD N LN 382.15 FT TH N 16-55-38 E 103.6 FT TH N 13-12-16 E 10 FT TAP ON CURVE RAD PT OF WHICH BEARS N 13-12-16 E 168 FT TH ELY ALG LFT CURVE 26.66 FT TH NELY ALG LFT CURVE RAD 49 FT DIST OF 72.72 FT TH S 80-55-29 E 10 FT TH S 74-01-23 E 137.23 FT TH S 88-46-43 E 160.43 FT TAP ON CURVE RAD PT OF WHICH BEARS S 80-24-52 W 32 FT TH SWLY ALG RGT CURVE 42.11 FT TH S 65-49-15 W 11.87 FT TH S 01-13-17 W 72 FT TO BEG PLAT BLOCK: 4 & PLAT LOT: VAC

**CONTRACTOR:**  
 PETER DAVIS BUILDERS LLC  
 CONTACT: PETER DAVIS  
 720 SOUTHEAST 24TH ST, SUITE #1  
 MERCER ISLAND, WA 98040  
 P: (206) 391-5045  
 F: (206) 391-8809

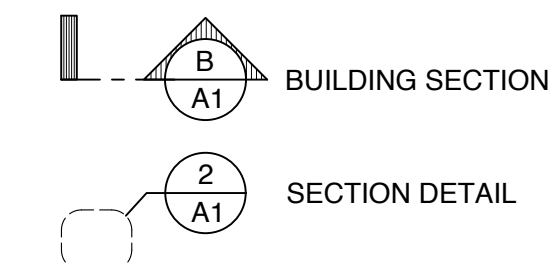
**VICINITY PLAN**



**SHEET INDEX**

SITE 1	SITE PLAN, PROJECT INFORMATION, ZONING NOTES, VICINITY PLAN
SURVEY	SURVEY
D1	LEVEL ONE DEMOLITION PLAN
D2	LEVEL TWO DEMOLITION PLAN
A1	BASEMENT PLAN
A2	FIRST FLOOR PLAN
A3	SECOND FLOOR PLAN
A4	ROOF PLAN
A5	NORTH & WEST ELEVATIONS
A6	SOUTH & EAST ELEVATIONS
A7	SECTION A

**KEY**



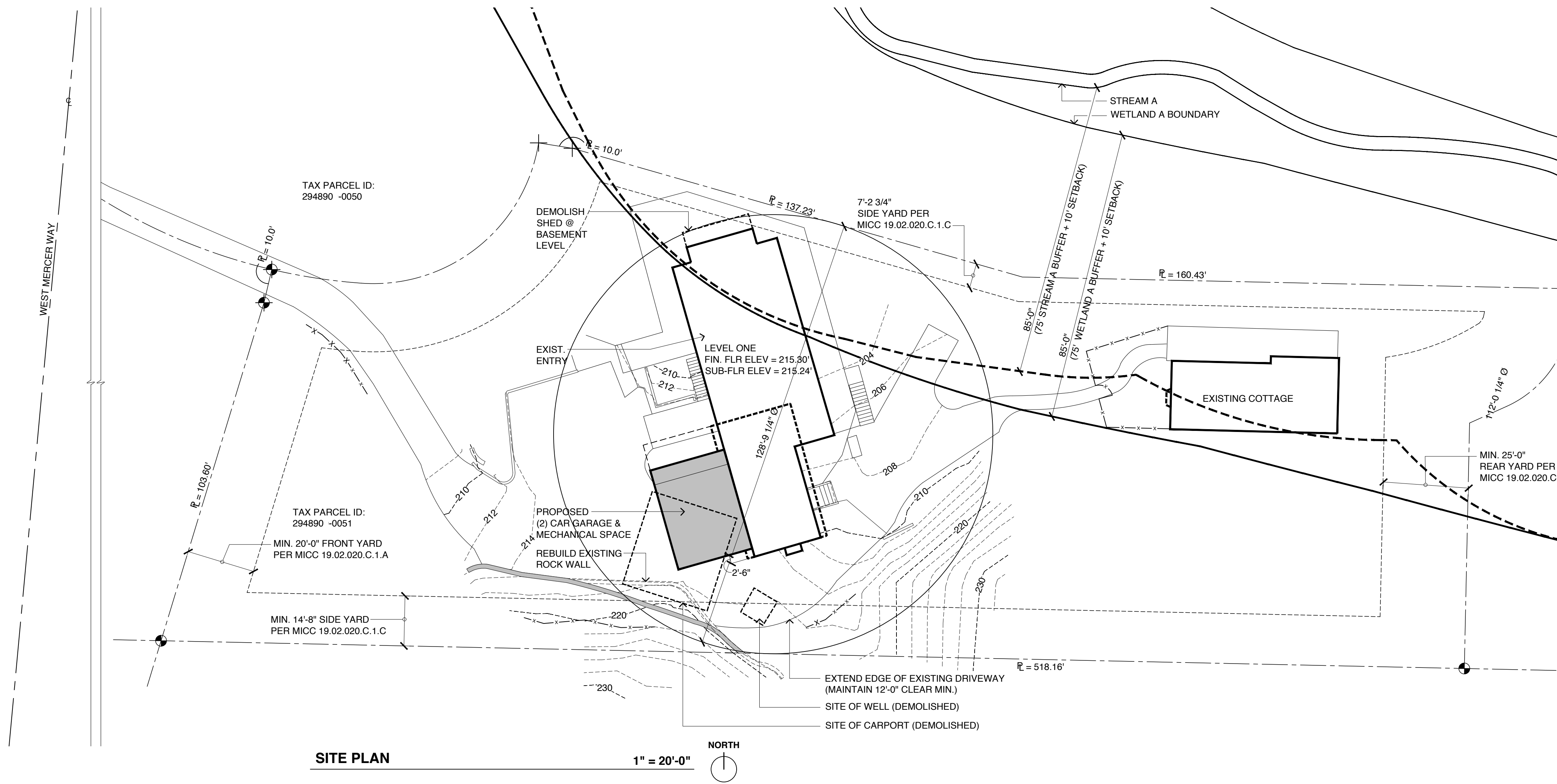
**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**



Patricia Brennan ARCHITECTS

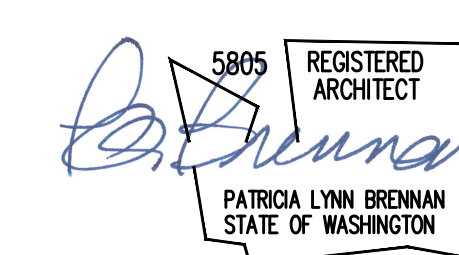
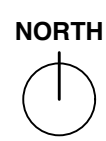
224 Pontius Avenue North Suite 117 Seattle Washington 98109  
 Phone 206.328.2886 Fax 206.328.2981

Date: 02/27/2020



**SITE PLAN**

1" = 20'-0"



Nader Residence

5472 West Mercer Way  
 Mercer Island, WA 98040

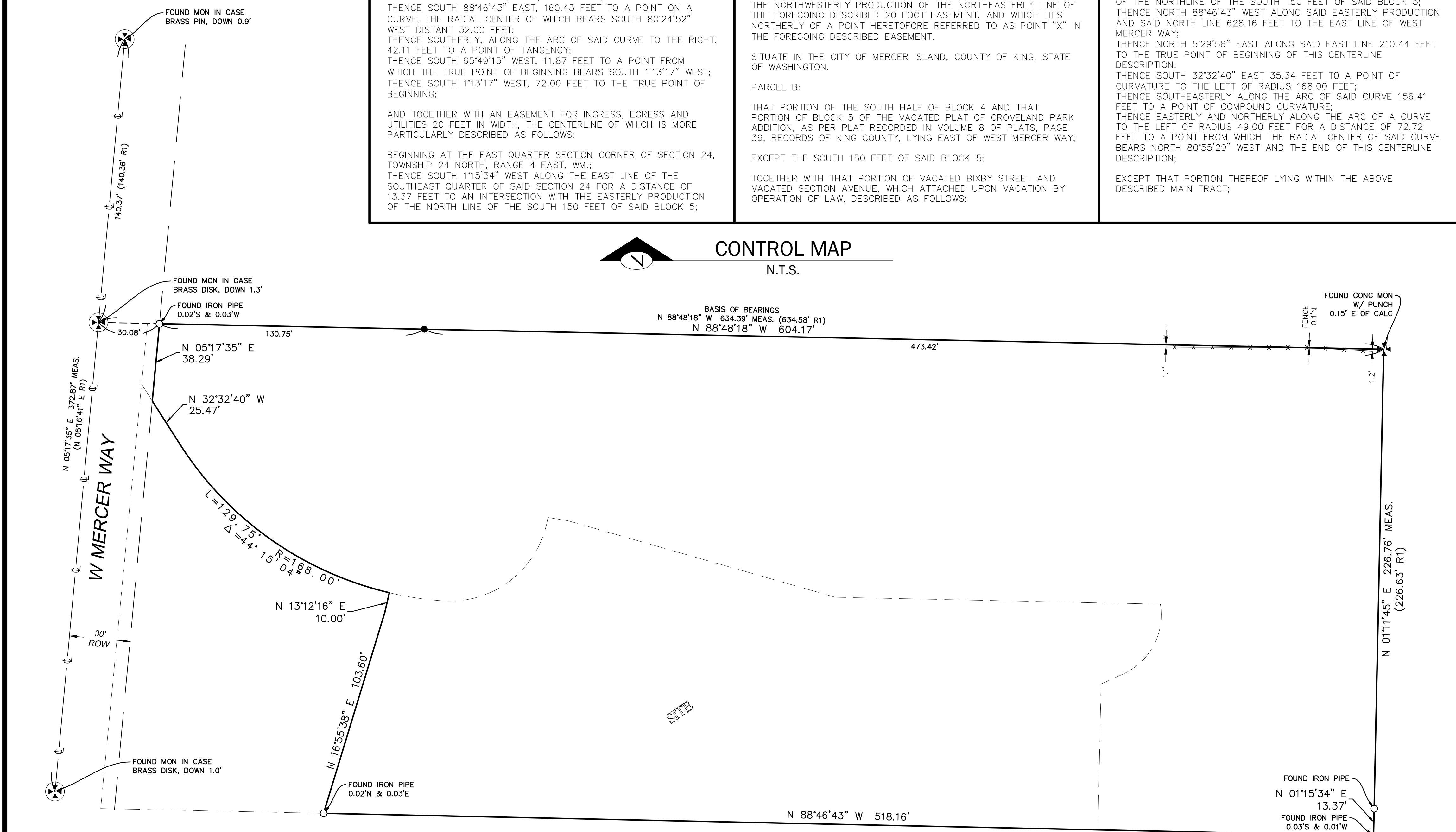
**SITE**

**1**

# TOPOGRAPHIC & BOUNDARY SURVEY

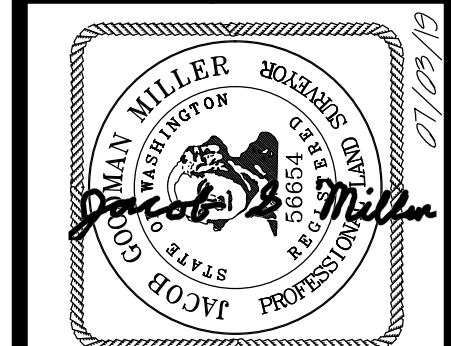
measure success

SURVEYOR'S NOTES	LEGAL DESCRIPTION	LEGAL DESCRIPTION	LEGAL DESCRIPTION	LEGAL DESCRIPTION
<p>1. THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN JUNE OF 2019. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT ELEVATIONS.</p> <p>2. ALL MONUMENTS SHOWN HEREON WERE LOCATED DURING THE COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED.</p> <p>3. THE TYPES AND LOCATIONS OF ANY UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED TO US, BY OTHERS OR GENERAL INFORMATION READILY AVAILABLE IN THE PUBLIC DOMAIN INCLUDING, AS APPLICABLE, IDENTIFYING MARKINGS PLACED BY UTILITY LOCATE SERVICES AND OBSERVED BY TERRANE IN THE FIELD. AS SUCH, THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE RELIED ON FOR DESIGN OR CONSTRUCTION PURPOSES; TERRANE IS NOT RESPONSIBLE OR LIABLE FOR THE ACCURACY OR COMPLETENESS OF THIS UTILITY INFORMATION. FOR THE ACCURATE LOCATION AND TYPE OF UTILITIES NECESSARY FOR DESIGN AND CONSTRUCTION, PLEASE CONTACT THE SITE OWNER AND THE LOCAL UTILITY LOCATE SERVICE (800-424-5555).</p> <p>4. SUBJECT PROPERTY TAX PARCEL NO. 294890-0050 &amp; 294890-0051.</p> <p>5. TOTAL SUBJECT PROPERTY AREA PER THIS SURVEY IS 130,377 ±S.F. (2.99 ACRES) FOR PARCEL# 294890-0050, AREA=85,704 ±S.F. (1.97 ACRES) FOR PARCEL# 294890-0051, AREA=44,673 ±S.F. (1.02 ACRES)</p> <p>6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN HEREON.</p> <p>7. FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 5-SECOND TOTAL STATION AND/OR SURVEY GRADE GPS OBSERVATIONS. ALL ANGULAR AND LINEAR RELATIONSHIPS ARE ACCURATE AND MEET THE STANDARDS SET BY WAC 332-130-090.</p>	<p>(PER STATUTORY WARRANTY DEED RECORDING# 20060403002415) PARCEL A</p> <p>THAT PORTION OF THE SOUTH HALF OF BLOCK 4 AND THAT PORTION OF BLOCK 5 OF THE VACATED PLAT OF GROVELAND PARK ADDITION, AS PER PLAT RECORDED IN VOLUME 8 OF PLATS, PAGE 36, RECORDS OF KING COUNTY, LYING EAST OF WEST MERCER WAY;</p> <p>EXCEPT THE SOUTH 150 FEET OF SAID BLOCK 5;</p> <p>TOGETHER WITH THAT PORTION OF VACATED BIXBY STREET AND VACATED SECTION AVENUE, WHICH ATTACHED UPON VACATION BY OPERATION OF LAW;</p> <p>ALSO EXCEPT THAT PORTION OF BLOCKS 4 AND 5, DESCRIBED AS FOLLOWS:</p> <p>BEGINNING AT THE EAST QUARTER SECTION CORNER OF SECTION 24, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M.;</p> <p>THENCE SOUTH 11°5'34" WEST, ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 24, A DISTANCE OF 13.37 FEET TO AN INTERSECTION WITH THE EASTERLY PRODUCTION OF THE NORTH LINE OF THE SOUTH 150.00 FEET OF SAID BLOCK 5;</p> <p>THENCE NORTH 89°46'43" WEST, ALONG SAID EASTERLY PRODUCTION AND SAID NORTH LINE, 136.01 FEET TO THE TRUE POINT OF BEGINNING;</p> <p>THENCE CONTINUING NORTH 88°46'43" WEST ALONG THE NORTH LINE OF THE SOUTH 150 FEET OF SAID BLOCK 5 TO THE EAST LINE OF WEST MERCER WAY;</p> <p>THENCE NORTH 5°29'56" EAST ALONG SAID EAST LINE 210.44 FEET;</p> <p>THENCE SOUTH 32°32'40" EAST 35.34 FEET TO A POINT OF CURVATURE TO THE LEFT AND A RADIUS OF 168.00 FEET;</p> <p>THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE 156.41 FEET TO A POINT OF COMPOUND CURVATURE;</p> <p>THENCE EASTERLY AND NORTHERLY ALONG THE ARC OF A CURVE TO THE LEFT OF RADIUS 49.00 FEET FOR A DISTANCE OF 72.72 FEET TO A POINT FROM WHICH THE RADIAL CENTER OF SAID CURVE BEARS NORTH 80°55'29" WEST;</p> <p>THENCE SOUTH 80°55'29" EAST, 10.00 FEET;</p> <p>THENCE SOUTH 74°01'43", EAST, 137.23 FEET;</p> <p>THENCE SOUTH 88°46'43" EAST, 160.43 FEET TO A POINT ON A CURVE, THE RADIAL CENTER OF WHICH BEARS SOUTH 80°24'52" WEST DISTANT 32.00 FEET;</p> <p>THENCE SOUTHERLY, ALONG THE ARC OF SAID CURVE TO THE RIGHT, 42.11 FEET TO A POINT OF TANGENCY;</p> <p>THENCE SOUTH 65°49'15" WEST, 11.87 FEET TO A POINT FROM WHICH THE TRUE POINT OF BEGINNING BEARS SOUTH 11°3'17" WEST;</p> <p>THENCE SOUTH 11°3'17" WEST, 72.00 FEET TO THE TRUE POINT OF BEGINNING;</p> <p>AND TOGETHER WITH AN EASEMENT FOR INGRESS, EGRESS AND UTILITIES 20 FEET IN WIDTH, THE CENTERLINE OF WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:</p> <p>BEGINNING AT THE EAST QUARTER SECTION CORNER OF SECTION 24, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M.;</p> <p>THENCE SOUTH 11°5'34" WEST ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 24 FOR A DISTANCE OF 13.37 FEET TO AN INTERSECTION WITH THE EASTERLY PRODUCTION OF THE NORTH LINE OF THE SOUTH 150 FEET OF SAID BLOCK 5;</p>	<p>THENCE NORTH 88°46'43" WEST ALONG SAID EASTERLY PRODUCTION AND SAID NORTH LINE 628.16 FEET TO THE EAST LINE OF WEST MERCER WAY;</p> <p>THENCE NORTH 5°29'56" EAST ALONG SAID EAST LINE 210.44 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;</p> <p>THENCE SOUTH 32°32'40" EAST 35.34 FEET TO A POINT OF CURVATURE TO THE LEFT OF RADIUS 168.00 FEET;</p> <p>THENCE SOUTHEASTERLY ALONG THE ARC &amp; SAID CURVE 156.41 FEET TO A POINT OF COMPOUND CURVATURE;</p> <p>THENCE EASTERLY AND NORTHERLY ALONG THE ARC OF A CURVE TO THE LEFT OF RADIUS 49.00 FEET FOR A DISTANCE OF 72.72 FEET TO A POINT FROM WHICH THE RADIAL CENTER OF SAID CURVE BEARS NORTH 80°55'29" WEST AND THE END OF THIS CENTERLINE DESCRIPTION;</p> <p>EXCEPT THAT PORTION THEREOF LYING WITHIN THE ABOVE DESCRIBED MAIN TRACT;</p> <p>ALSO TOGETHER WITH AN EASEMENT FOR INGRESS; EGRESS AND UTILITIES OVER, ACROSS AND UNDER THE FOLLOWING DESCRIBED TRACT:</p> <p>BEGINNING AT THE TRUE POINT OF BEGINNING OF THE CENTERLINE OF THE FOREGOING DESCRIBED 20 FOOT EASEMENT;</p> <p>THENCE SOUTH 5°29'56" WEST 16.23 FEET TO AN INTERSECTION WITH THE SOUTHWESTERLY MARGIN OF SAID EASEMENT, SAID INTERSECTION BEING THE TRUE POINT OF 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OF THE SOUTH HALF OF BLOCK 4 AND THAT PORTION OF BLOCK 5 OF THE VACATED PLAT OF GROVELAND PARK ADDITION, AS PER PLAT RECORDED IN VOLUME 8 OF PLATS, PAGE 36, RECORDS OF KING COUNTY, LYING EAST OF WEST MERCER WAY;</p> <p>EXCEPT THE SOUTH 150 FEET OF SAID BLOCK 5;</p> <p>TOGETHER WITH THAT PORTION OF VACATED BIXBY STREET AND VACATED SECTION AVENUE, WHICH ATTACHED UPON VACATION BY OPERATION OF LAW, DESCRIBED AS FOLLOWS:</p>	<p>BEGINNING AT THE EAST QUARTER SECTION OF SECTION 24, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M.;</p> <p>THENCE SOUTH 11°5'34" WEST, ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 24, A DISTANCE OF 13.37 FEET TO AN INTERSECTION WITH THE EASTERLY PRODUCTION OF THE NORTH LINE OF THE SOUTH 150.00 FEET OF SAID BLOCK 5;</p> <p>THENCE NORTH 88°46'43" WEST, ALONG SAID EASTERLY PRODUCTION AND SAID NORTH LINE, 136.01 FEET TO THE TRUE POINT OF BEGINNING;</p> <p>THENCE CONTINUING NORTH 88°46'43" WEST, 382.15 FEET;</p> <p>THENCE NORTH 16°55'38" EAST, 103.60 FEET;</p> <p>THENCE NORTH 13°12'16" EAST, 10.00 FEET TO A POINT ON A CURVE, THE RADIAL CENTER OF WHICH BEARS NORTH 13°12'16" EAST DISTANT 168.00 FEET;</p> <p>THENCE EASTERLY, ALONG THE ARC OF SAID CURVE TO THE LEFT, 26.66 FEET TO A POINT OF COMPOUND CURVATURE;</p> <p>THENCE EASTERLY AND NORTHERLY, ALONG THE ARC OF A CURVE TO THE LEFT OF RADIUS, 49.00 FEET FOR A DISTANCE OF 72.72 FEET TO A POINT FROM WHICH THE RADIAL CENTER OF SAID CURVE BEARS NORTH 80°55'29" WEST;</p> <p>THENCE SOUTH 80°55'29" EAST, 10.00 FEET;</p> <p>THENCE SOUTH 74°01'43" EAST, 137.23 FEET;</p> <p>THENCE SOUTH 88°46'43" EAST, 160.43 FEET TO A POINT ON A CURVE, THE RADIAL CENTER OF WHICH BEARS SOUTH 80°24'52" WEST DISTANT 32.00 FEET;</p> <p>THENCE SOUTHERLY, ALONG THE ARC OF SAID CURVE TO THE RIGHT, 42.11 FEET TO A POINT OF TANGENCY;</p> <p>THENCE SOUTH 65°49'15" WEST, 11.87 FEET TO A POINT FROM WHICH THE TRUE POINT OF BEGINNING BEARS SOUTH 11°3'17" WEST;</p> <p>THENCE SOUTH 11°3'17" WEST, 72.00 FEET TO THE TRUE POINT OF 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<b>BASIS OF BEARINGS</b>				
A BEARING OF N 88°48'18" W BETWEEN FOUND MONUMENTS ON THE SOUTH LINE OF WESTSIDE GROVE.				
<b>REFERENCES</b>				
R1. WESTSIDE GROVE, VOL. 97, PGS. 101-102, RECORDS OF KING COUNTY, WASHINGTON.				
<b>VERTICAL DATUM</b>				
NAVD88 PER CITY OF MERCER ISLAND BENCHMARK 3142 FOUND "1" BRASS PLUG IN CONC. (DN 1.3") PC W.MERCER WAY & BROOK BAY RD. ELEVATION ON PLUG = 155.728'				



TOPOGRAPHIC & BOUNDARY SURVEY  
SW 1/4 OF NE 1/4 SEC 24, TWP. 24N., RGE 04E., W.M.  
PARCEL NO. 2948900050 & 2948900051

NADER RESIDENCE  
5472 W MERCER WAY  
MERCER ISLAND, WA 98040



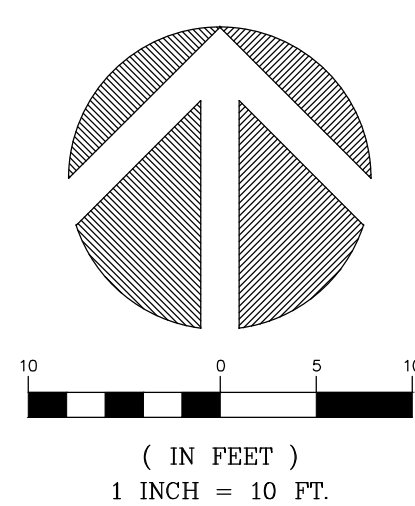
**Terrane**  
10801 Main Street, Suite 102, Bellevue, WA 98004  
phone 425.458.4488 support@terrane.net www.terrane.net

JOB NUMBER:	160748
DATE:	7/3/19
DRAFTED BY:	IDV-GKD
CHECKED BY:	JGM
SCALE:	N.T.S.
<b>REVISION HISTORY</b>	
<b>SHEET NUMBER</b>	
	1 OF 2

# TOPOGRAPHIC & BOUNDARY SURVEY

## LEGEND

- DECK
- AREA DRAIN
- ASPHALT SURFACE
- BRICK SURFACE
- BOLLARD
- BUILDING
- CENTERLINE ROW
- CONCRETE SURFACE
- RETAINING WALL
- MONUMENT IN CASE (FOUND)
- MONUMENT (SURFACE, FOUND)
- IRON PIPE AS NOTED (FOUND)
- FENCE LINE (CHAIN LINK)
- FENCE LINE (WOOD)
- GAS METER
- INLET (TYPE 1)
- NAIL AS NOTED
- POST
- HOSE BIB RISER
- STORM DRAIN LINE
- TREE (AS NOTED)
- WATER METER
- YARD LIGHT



**STEEP SLOPE/BUFFER DISCLAIMER:**  
 THE LOCATION AND EXTENT OF STEEP SLOPES SHOWN ON THIS DRAWING ARE FOR INFORMATIONAL PURPOSES ONLY AND CANNOT BE RELIED ON FOR DESIGN AND/OR CONSTRUCTION. THE PITCH, LOCATION, AND EXTENT ARE BASED SOLELY ON OUR GENERAL OBSERVATIONS ON SITE AND OUR CURSORY REVIEW OF READILY AVAILABLE PUBLIC DOCUMENTS. AS SUCH, TERRANE CANNOT BE LIABLE OR RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY STEEP SLOPE INFORMATION. ULTIMATELY, THE LIMITS AND EXTENT OF ANY STEEP SLOPES ASSOCIATED WITH ANY SETBACKS OR OTHER DESIGN OR CONSTRUCTION PARAMETERS MUST BE DISCUSSED AND APPROVED BY THE REVIEWING AGENCY BEFORE ANY CONSTRUCTION CAN OCCUR.

**TOPOGRAPHIC & BOUNDARY SURVEY**  
 SW 1/4 OF NE 1/4 SEC 24, TWP. 24N., RGE 04E., W.M.  
 PARCEL NO. 2948900050 & 2948900051

**NADER RESIDENCE**  
 5472 W MERCER WAY  
 MERCER ISLAND, WA 98040





**Terrane**  
 10801 Main Street, Suite 102, Bellevue, WA 98004  
 phone 425.458.4488 support@terrane.net  
[www.terrane.net](http://www.terrane.net)

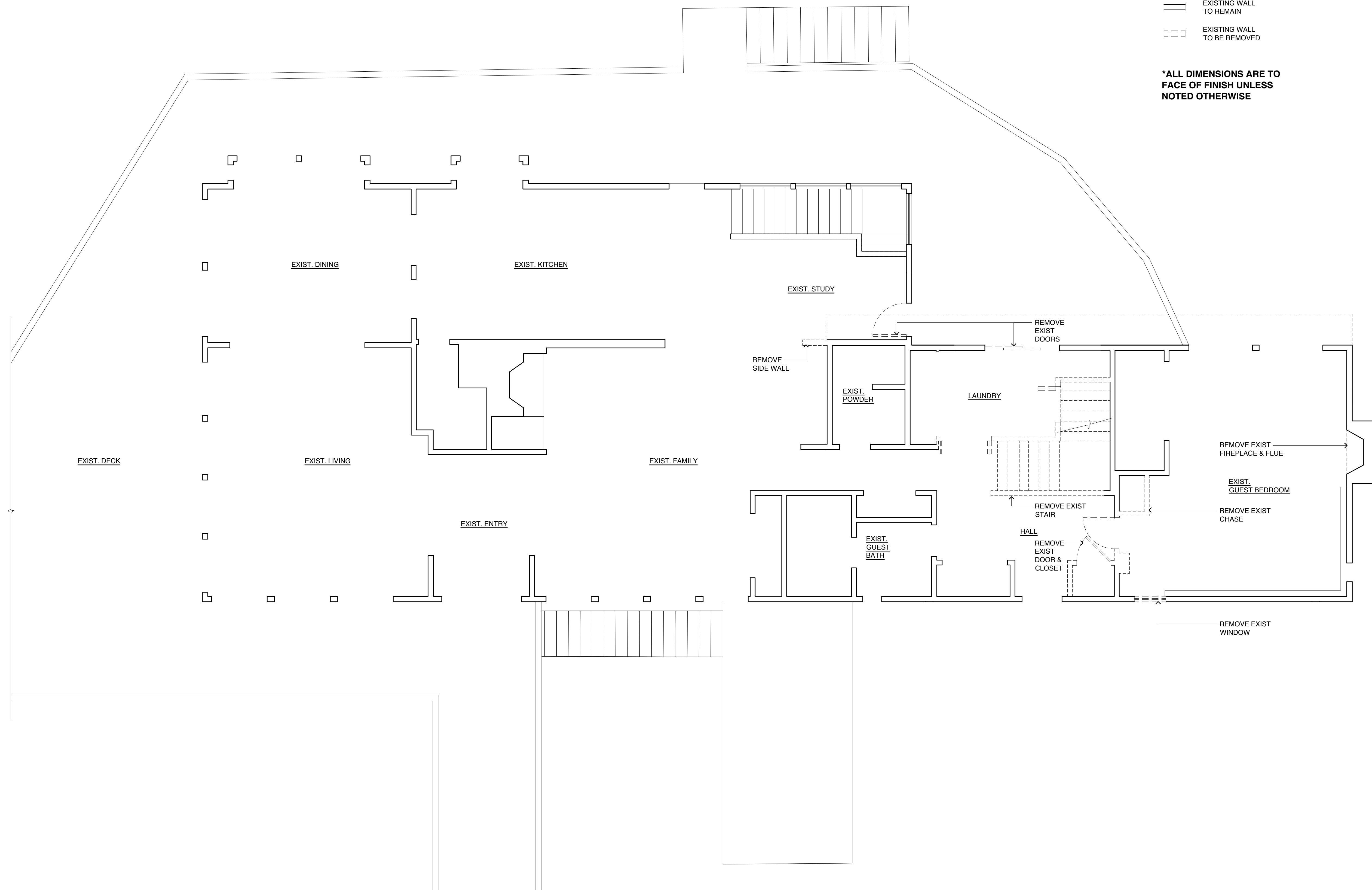
JOB NUMBER:	160748
DATE:	7/3/19
DRAFTED BY:	IDV-GKD
CHECKED BY:	JGM
SCALE:	1" = 10'
<b>REVISION HISTORY</b>	
<b>SHEET NUMBER</b>	
2 OF 2	

**measure success**

**WALL LEGEND**

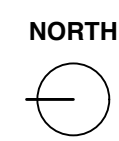
-  EXISTING WALL TO REMAIN
-  EXISTING WALL TO BE REMOVED

**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**



**LEVEL ONE DEMOLITION PLAN**

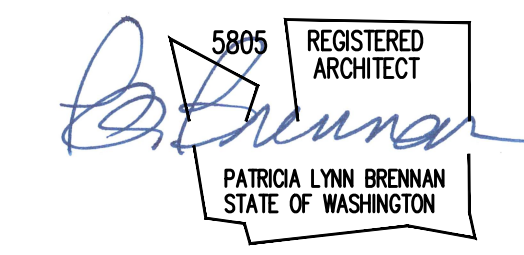
1/4" = 1'-0"



Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109  
Phone  
206.328.2886  
Fax  
206.328.2981

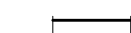
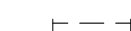
Date: 02/27/2020



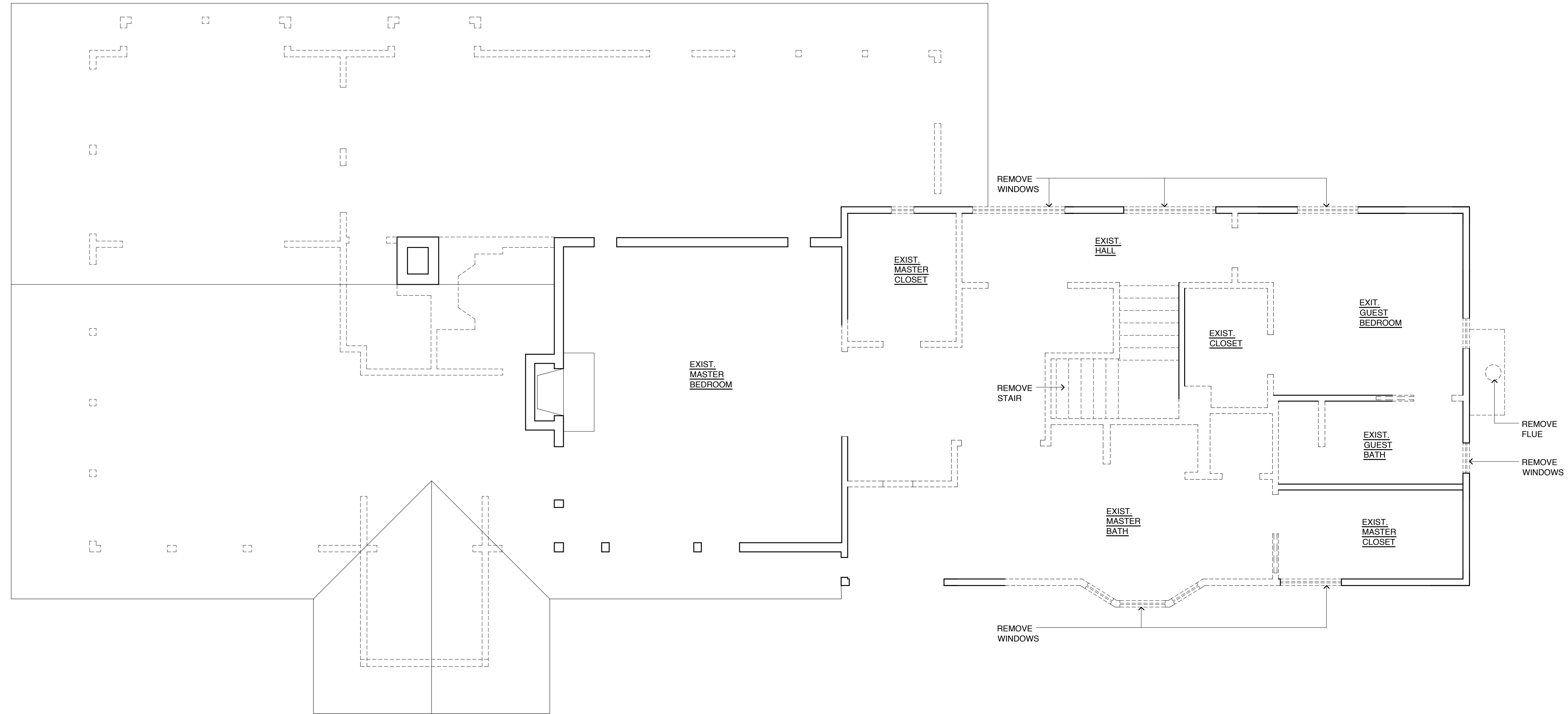
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5472 West Mercer Way  
Mercer Island, WA 98040

**D1**

**WALL LEGEND**

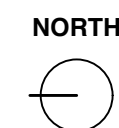
-  EXISTING WALL TO REMAIN
-  EXISTING WALL TO BE REMOVED

**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**



**LEVEL TWO DEMOLITION PLAN**

1/4" = 1'-0"

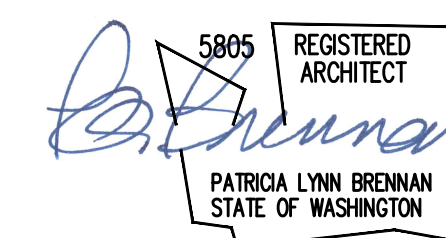


Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

Phone  
206.328.2886  
Fax  
206.328.2981

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



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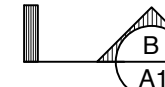
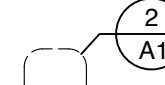

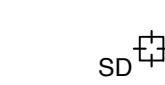

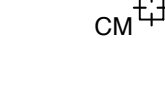

**D2**

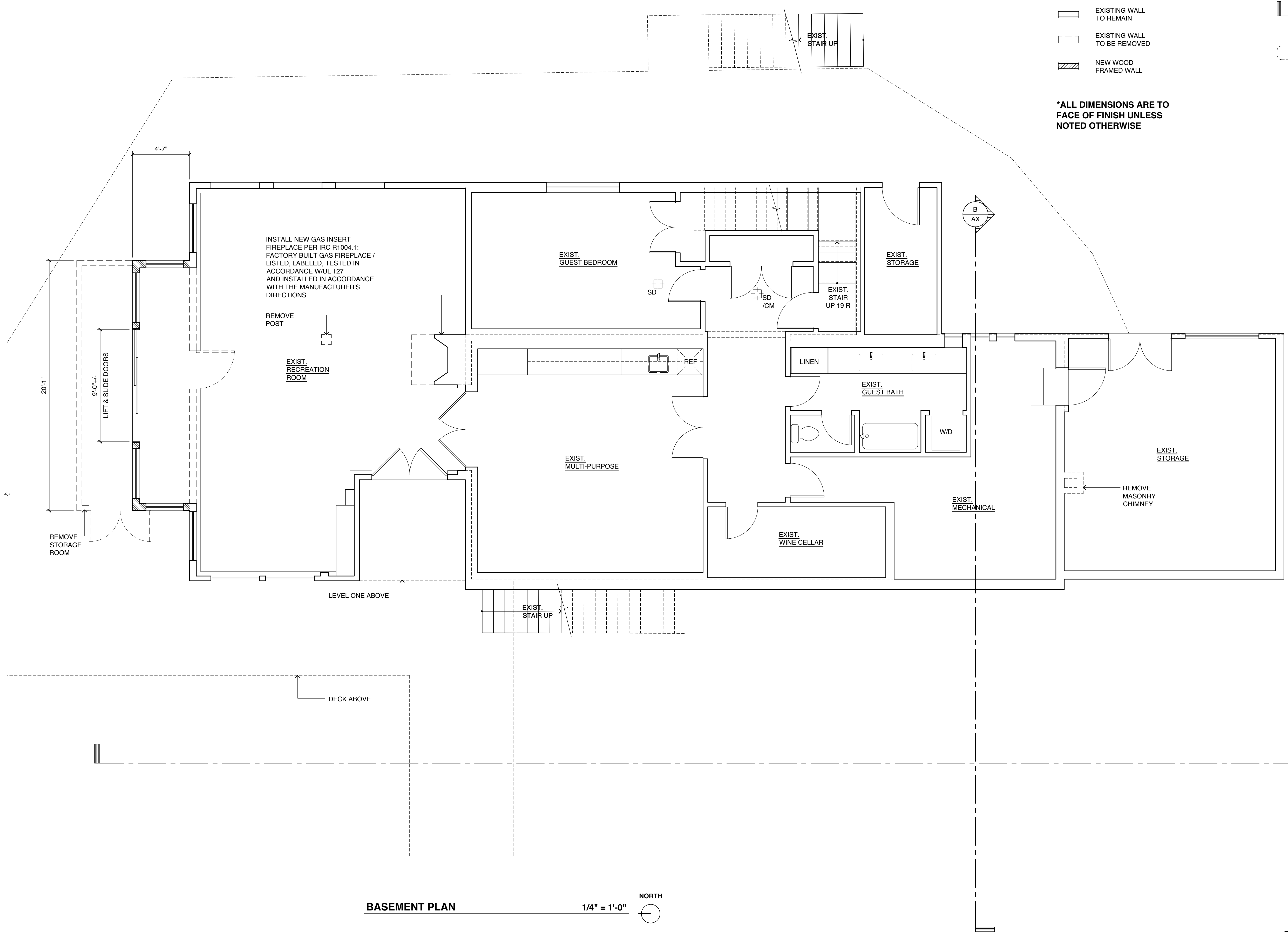
**WALL LEGEND**

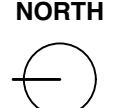
-  EXISTING WALL TO REMAIN
-  EXISTING WALL TO BE REMOVED
-  NEW WOOD FRAMED WALL

**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**

**KEY**

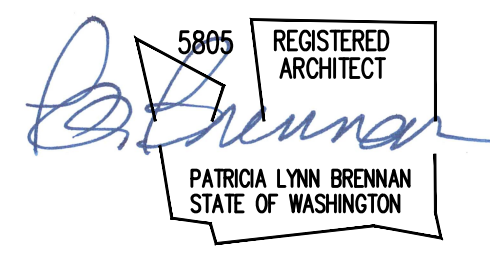
-  BUILDING SECTION
-  SECTION DETAIL
-  DOOR NUMBER
-  WINDOW DESIGNATION
-  SMOKE DETECTOR / HARD WIRED WITH BATTERY BACKUP PER WAC 51-51-0314 AND 2015 INTERNATIONAL FIRE CODE 907.2.11
-  CARBON MONOXIDE ALARM COMPLYING WITH UL 2034 PER WAC 51-51-0315 AND 2015 INTERNATIONAL FIRE CODE 908.7
-  EXHAUST FAN



**BASEMENT PLAN** 1/4" = 1'-0" 





Patricia Brennan  
ARCHITECTS  
224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109  
Phone  
206.328.2886  
Fax  
206.328.2981  
Date: 02/27/2020



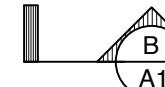
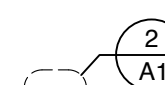
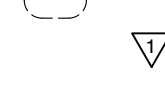

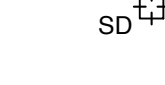

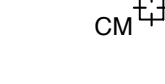
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Mercer Island, WA 98040

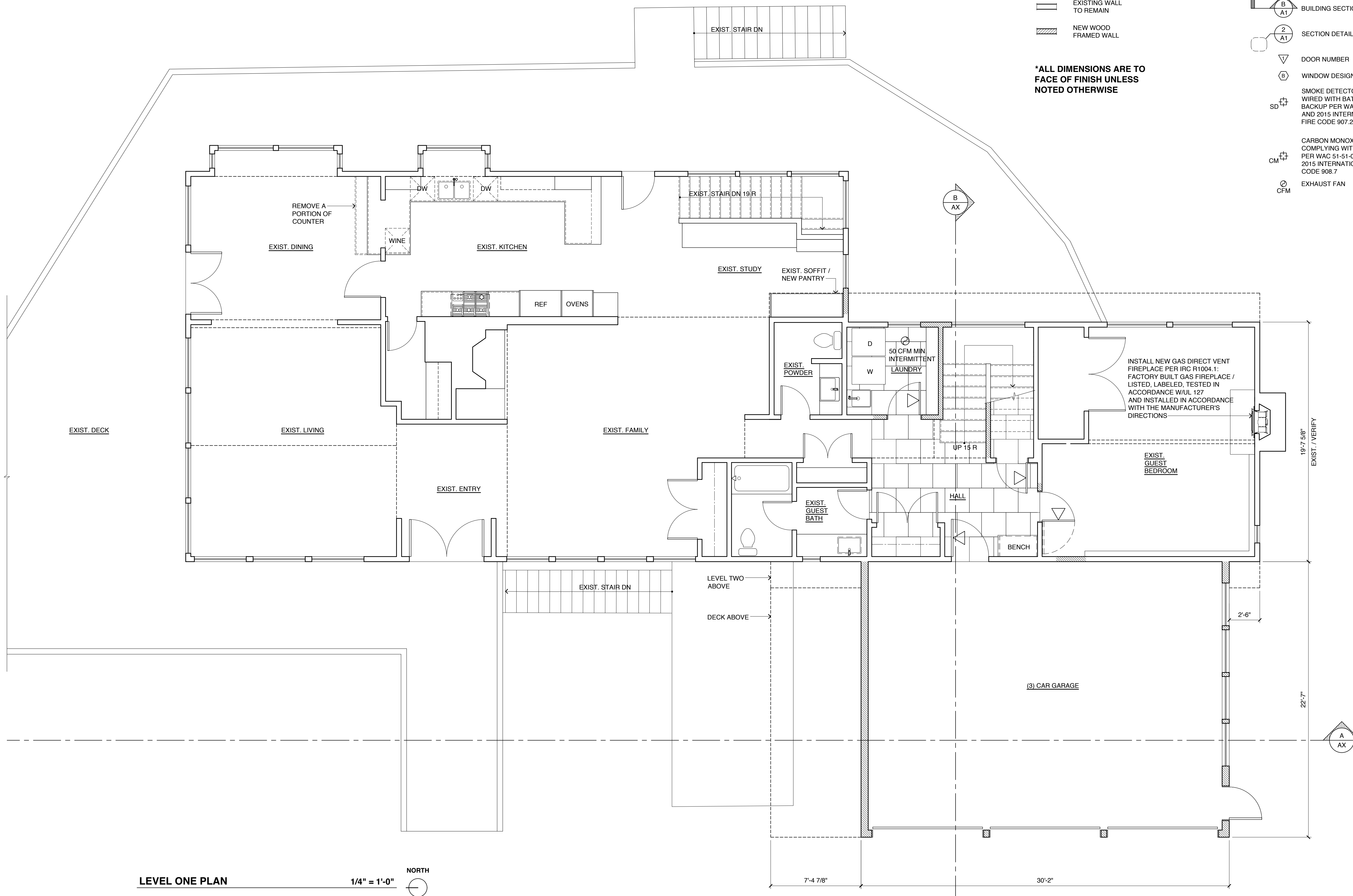
**WALL LEGEND**

-  EXISTING WALL TO REMAIN
-  NEW WOOD FRAMED WALL

**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**

**KEY**

-  BUILDING SECTION
-  SECTION DETAIL
-  DOOR NUMBER
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-  CARBON MONOXIDE ALARM COMPLYING WITH UL 2034 PER WAC 51-51-0315 AND 2015 INTERNATIONAL FIRE CODE 908.7
-  EXHAUST FAN



**LEVEL ONE PLAN**

1/4" = 1'-0"

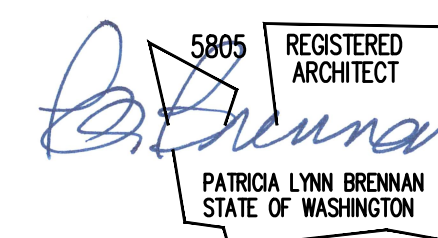


Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

Phone  
206.328.2886  
Fax  
206.328.2981

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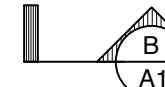
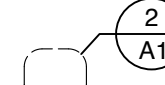

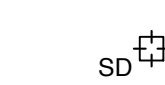

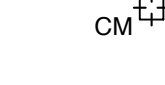

**A2**

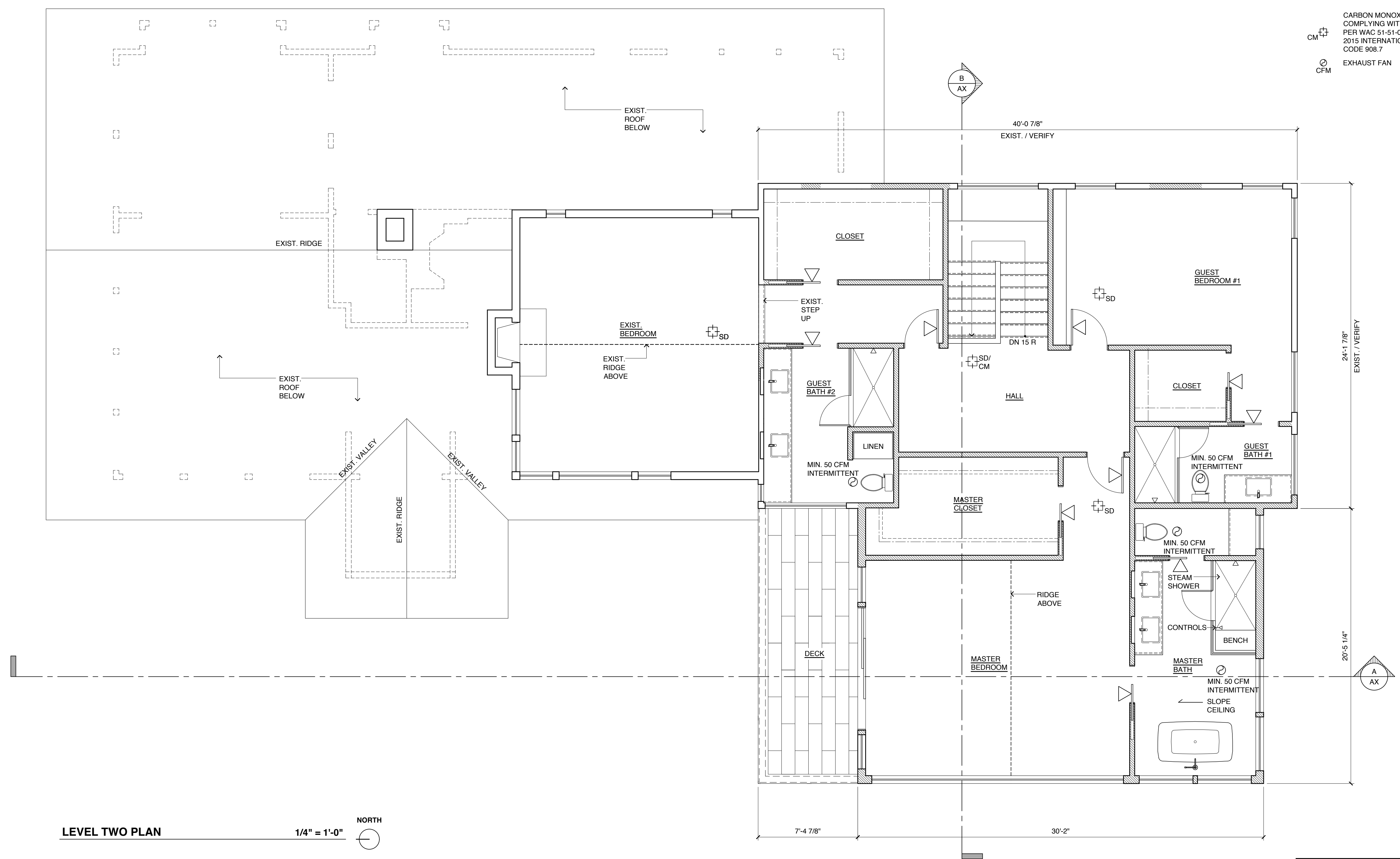
**WALL LEGEND**

-  EXISTING WALL TO REMAIN
-  NEW WOOD FRAMED WALL

**\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE**

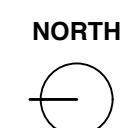
**KEY**

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-  EXHAUST FAN



**LEVEL TWO PLAN**

1/4" = 1'-0"

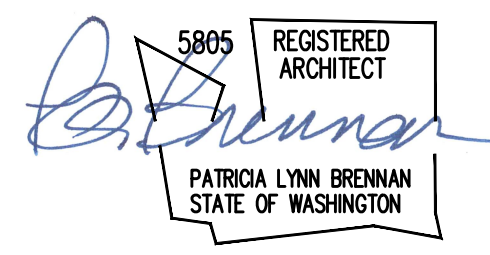


Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

Phone  
206.328.2886  
Fax  
206.328.2981

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**A3**



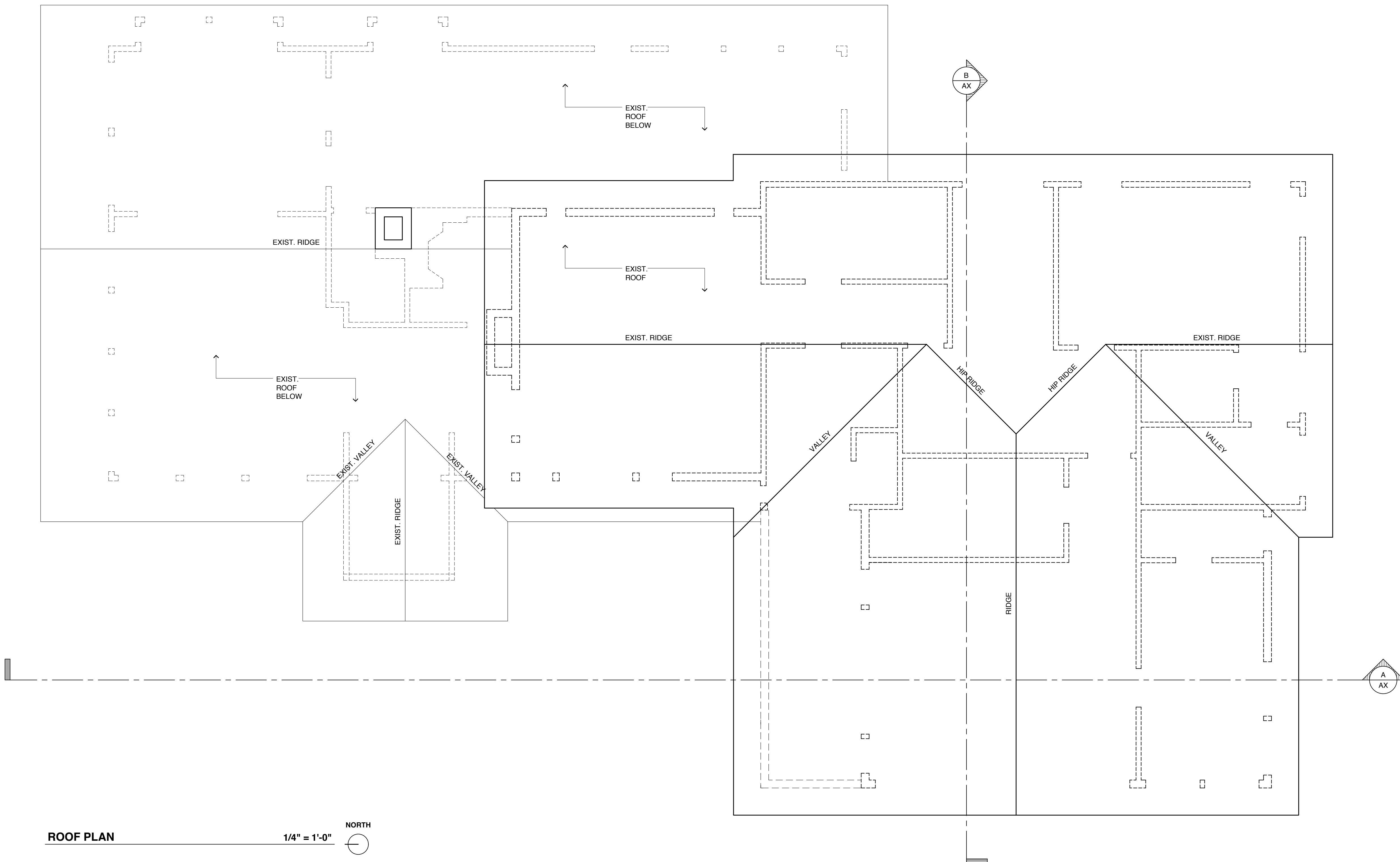
WALL LEGEND

WALLS BELOW

\*ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE

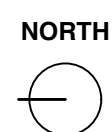
KEY

BUILDING SECTION  
SECTION DETAIL



ROOF PLAN

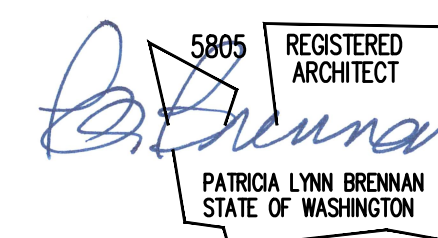
1/4" = 1'-0"



224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

Phone  
206.328.2886  
Fax  
206.328.2981

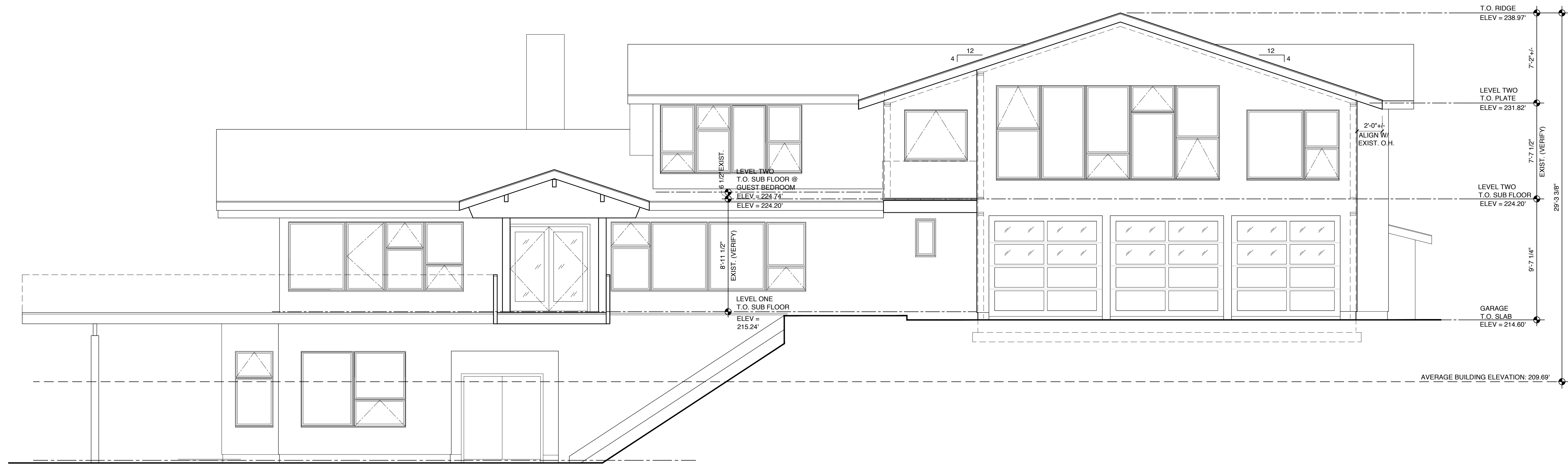
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A4



WEST ELEVATION 1/4" = 1'-0"



NORTH ELEVATION 1/4" = 1'-0"

T.O. RIDGE  
ELEV = 238.97'

7'-2" +/-

LEVEL TWO  
T.O. PLATE  
ELEV = 231.82'

7'-7 1/2" EXIST. (VERIFY)

29'-3 3/8"

LEVEL TWO  
T.O. SUB FLOOR  
ELEV = 224.20'

9'-7 1/4"

GARAGE  
T.O. SLAB  
ELEV = 214.60'

AVERAGE BUILDING ELEVATION: 209.69'

T.O. RIDGE  
ELEV = 238.97'

7'-2" +/-

LEVEL TWO  
T.O. PLATE  
ELEV = 231.82'

7'-7 1/2" EXIST. (VERIFY)

29'-3 3/8"

LEVEL TWO  
T.O. SUB FLOOR  
ELEV = 224.20'

8'-11 1/2"

LEVEL ONE  
T.O. SUB FLOOR  
ELEV = 215.24'

AVERAGE BUILDING ELEVATION: 209.69'

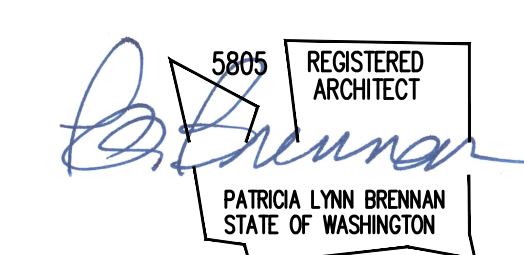


Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

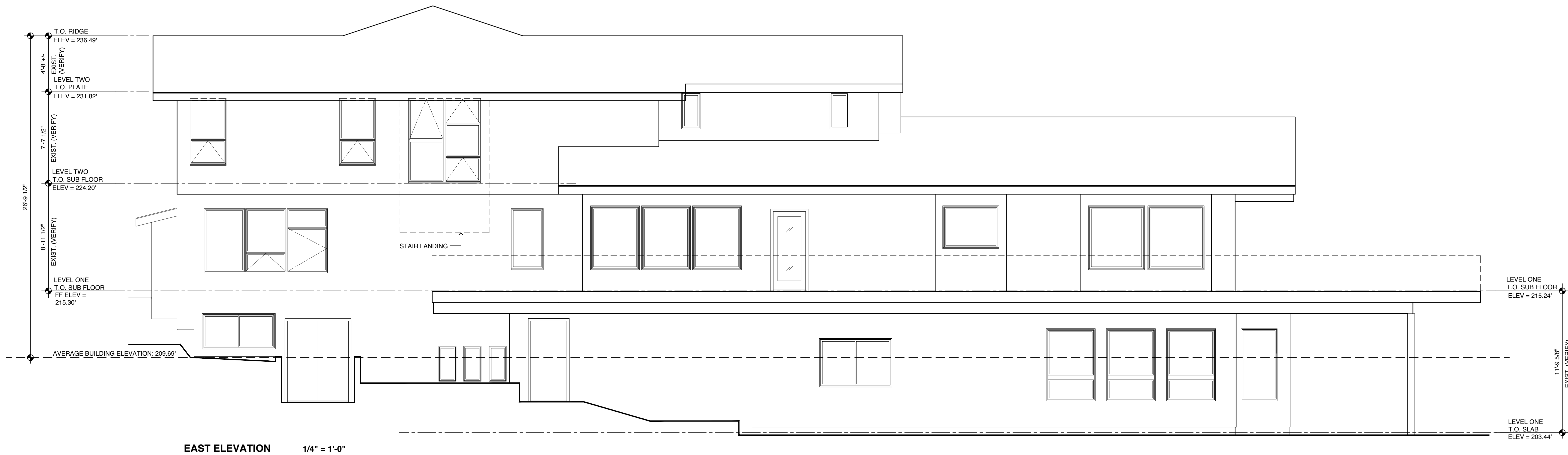
Phone  
206.328.2886  
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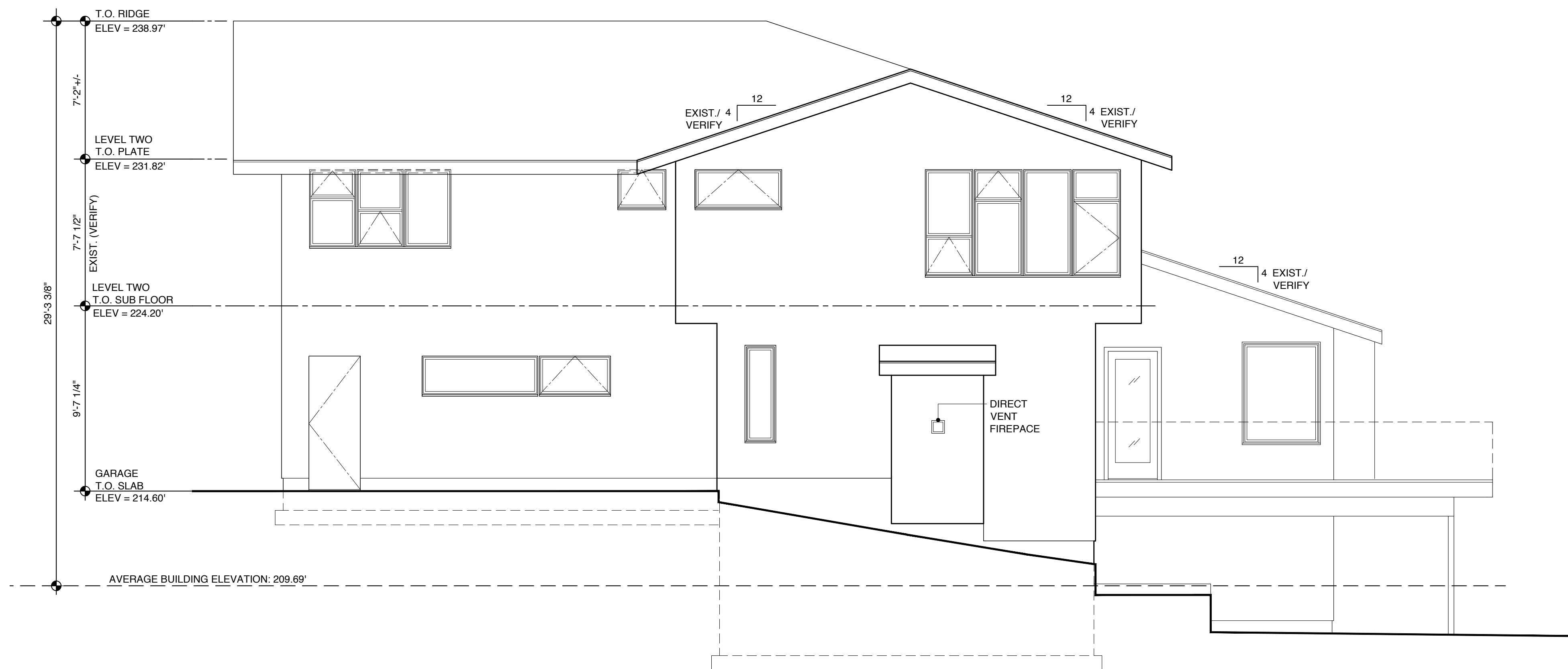


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A5



**EAST ELEVATION** 1/4" = 1'-0"



**SOUTH ELEVATION** 1/4" = 1'-0"

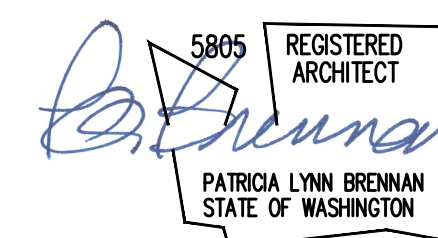


Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109

Phone  
206.328.2886  
Fax  
206.328.2981

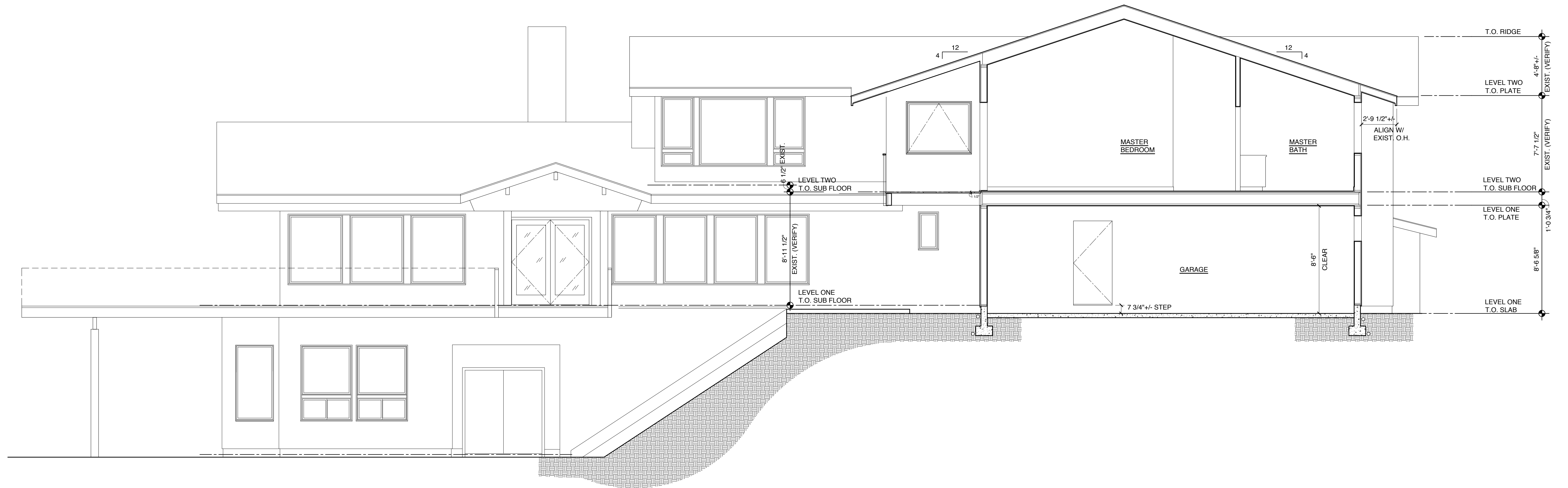
Date: 02/27/2020



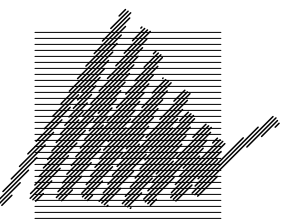
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**A6**



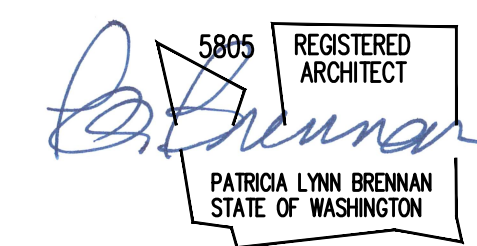
SECTION A LOOKING EAST 1/4" = 1'-0"



Patricia Brennan  
ARCHITECTS

224  
Pontius  
Avenue  
North  
Suite 117  
Seattle  
Washington  
98109  
  
Phone  
206.328.2886  
Fax  
206.328.2981

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5472 West Mercer Way  
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A7