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Mayor Muriel Bowser

Department of Consumer and Regulatory Affairs

DCRA will be conducting systems maintenance this evening from 7 pm Wednesday, November 30, 2016 until 5 am on Thursday, December 1, 2016. Online application services related to permits & licensing will be unavailable during this time period.

Department of Consumer and Regulatory Affairs



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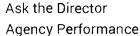












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Spanish (Español) French (Français)

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Chinese (中文)

Board of Zoning Adjustment District of Columbia **CASE NO.19374 EXHIBIT NO.27A**

Korean (한국어)



C SHARE DWD...

1514 Q Street, NW - Determination Letter

Tuesday, March 22, 2016 Letter of Determination

1514 Q Street, NW - Letter of Determination

The Zoning Administrator issues determination letters resulting from requests by property owners, developers, architects, and land use attorneys inquiring about the applicable zoning regulations applicable to specific development proposals. These letters offer guidance to requesting parties as to whether a proposed project, such as a new building, an addition to an existing building, or a use change, conform to the District's Zoning regulations as set forth in in DCMR Title.

Attachment(s):

1514 Q Street, NW - Determination Letter - 2.1 MB (pdf)

1514 Q Street, NW - Letter - 497.1 KB (pdf)

1514 Q Street, NW - Photos of Cellar Area measurements - 2.2 MB (pdf)

1514 Q Street, NW - Plan showing Cellar Area measurements - 125.7 KB (pdf)

1514 Q Street, NW - Proposed Plans - 9.5 MB (pdf)

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GOVERNMENT OF THE DISTRICT OF COLUMBIA DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS OFFICE OF THE ZONING ADMINISTRATOR

March 21, 2016



Samantha Mazo Griffin, Murphy, Moldenhauer & Wiggins, LLP 1912 Sunderland Place, NW Washington DC, 20036

Re: 1514 Q Street NW- Square 194, Lot 27 (the "Property")

Dear Ms. Mazo.

The purpose of this letter is to confirm the matters discussed at our PDRM on November 4, 2015 and subsequent meeting on January 22, 2016 concerning the above-referenced property. Further, I am aware that on February 12, 2016, there was a meeting on the Property with Ruben Legaspi, DCRA building inspector, Abigail Nichols, SMD 2B05, the property owner and the property owner's architect during which the measurements discussed below were taken and observed (the "February 12, 2016 Site Meeting").

I would like to memorialize our discussions and the observations of the February 12, 2016 Site Meeting regarding your client's proposed redevelopment of the Property. As explained more fully below, based on the evidence provided to me and attached hereto, the project proposed for the Property satisfies the requirements of Title 11 of the District of Columbia Municipal Regulations in effect as of the date of this letter (the "Zoning Regulations") and can be constructed as a matter of right.

Property Background

The Property is currently an existing row dwelling in the R-5-B Zone/Dupont Circle overlay. The Property is also a contributing building in the Greater 14th Street Historic District. The Property has approximately 2,200 s.f. of lot area. The property owner proposes to redevelop the Property into a four-unit apartment house with two parking spaces (the "Project"). The plans for the Project are included herein as Exhibit "A".

The Proposed Project complies with the Zoning Regulations

Uses

An "apartment house" is defined in 11 DCMR § 199.1 as "any building or part of a building in which there are three (3) or more apartments, or three (3) or more apartments and one (1) or more bachelor apartments, providing accommodation on a monthly or longer basis." Because the Project proposes a four-unit building, it is considered to be an "apartment house". The apartment house use on the Property is permitted as a matter of right in the R-5-B Zone District pursuant to 11 DCMR § 350.4(f), which states "Multiple dwellings... provided, that in an apartment house, accommodations may be provided only to residents who stay at the premises a minimum of one (1) month" is "permitted as a matter of right."

Cellar

A "cellar" is defined in 11 DCMR § 199.1 as "that portion of a story, the ceiling of which is less than four feet (4 ft.) above the adjacent finished grade." This definition has been interpreted to find that a cellar condition exists when the bottom of the ceiling of the lowest level is not more than four feet above the adjacent, finished grade, as measured in the middle of the front of a building. (See December 6, 2011 Zoning Determination Letter for 1155 21st Street NW, and October 31, 2012 Zoning Determination Letter for 1725 C Street SE).

I was provided with photos of the Property taken during the February 12, 2016 Site Meeting, which are attached as <u>Exhibit "B"</u>. These photos have been authenticated by the property owner who participated in that meeting, pursuant to the affidavit included as <u>Exhibit "B"</u>. It is my understanding that the photos as <u>Exhibit "B"</u> accurately reflect the observations and conclusions made by the February 12, 2016 Site Meeting's attendees.

These photos depict the measurements from the adjacent, finished grade at the middle of the front of the building to the top of the mock-up of the proposed lower level ceiling (the "Cellar Area"). The photos as Exhibit "B", which were taken in the presence of a DCRA inspector and the Property's SMD Commissioner, document that the distance between the adjacent, finished grade and the ceiling of the lower-level story is 3'-11". In addition, I have been provided evidence, in the form of an elevation plan attached here as Exhibit "C", that depicts the ceiling location vis-a-vis the window, further confirming that the distance between the adjacent, finished grade and the ceiling of the lower-level story is 3'-11".

It is my understanding that the attendees at the February 12, 2016 Site Meeting observed the measurement between the adjacent, finished grade and the bottom of the ceiling of the lower-level story to be 3°-11", which is consistent with the photographs and plans as Exhibit "B" and "C". 3 Therefore, it is my understanding that the February 12, 2016 Site Meeting attendees

¹ The mock up is necessary because the property owner does not yet have the building permits to construct the proposed ceiling.

The photos also show that the distance between the concrete turn up at the adjacent grade and the ceiling of the lower-level story is 3' - 9 %".

³ I note that Exhibit "C" also demonstrates that the floor to ceiling height of the Cellar Area is proposed to be 7' –

concluded that the Cellar Area is a "cellar" as defined by the Zoning Regulations, based on these observations.

I also note that you propose to lower the existing ceiling of this lowest level of the building. The measurement of the 3`11" cellar dimension would then be from this lowered ceiling level. This is permissible as there is no limitation in the Zoning Regulations from altering the ceiling level, and it has been this office's long standing practice to allow changes to the bottom of the ceiling level to measure the cellar minimum dimension. I also note that the reason for lowering the ceiling level is documented in two letters dated March 18, 2016 that you submitted to me from the project's architect KC Price and structural engineer Alex Sallah, P. E as Exhibit "D". In the letter from Mr. Price, he states:

"The existing floor joists that span the length of the structure are 2x10's (9 ½" in depth) that do not meet current code or load limits to support the proposed use and are required to be maintained by the HPO office. This requires the new floor joists be placed 16" o.c. between the existing floor joist to maintain their integrity.[Also] The minimum required insulation between floors is R-19 and we must also provide an uninterrupted 1 hour fire separation between the cellar level and 1st floor...."

The effect of the larger joists is to lower the ceiling by 7 ¼ inches.

I also note that a concern was expressed by a neighboring resident over a possible change in the window sill height for the window that is at the front of the building that leads into the cellar area. Such a change to the window sill height does not have any effect on the cellar dimension measurement.

Based on the evidence provided to me, I concur with the observations and conclusions made at the February 12, 2016 Site Meeting. Accordingly, I have determined that the Cellar Area satisfies the Zoning Regulations' definition of a "cellar", because this evidence included as <a href="Exhibit" B" and Exhibit" C", as authenticated, demonstrates that the ceiling of the Cellar Area "is less than four feet (4 ft.) above the adjacent finished grade" in satisfaction of the definition of "cellar" at 11 DCMR § 199.1 referenced above.

Floor Area Ratio ("FAR")

The Zoning Regulations define FAR as, "a figure that expresses the total gross floor area as a multiple of the area of the lot. This figure is determined by dividing the gross floor area of all buildings on a lot by the area of that lot." 11 DCMR § 199.1. The term "gross floor area", is then defined as, "the sum of the gross horizontal areas of the several floors of all buildings on the lot, measured from the exterior faces of exterior walls and from the center line of walls separating two (2) buildings." 11 DCMR § 199.1. The term "gross floor area" further expressly states:

The term "gross floor area" **shall not** include **cellars** and outside balconies that do not exceed a projection of six feet (6 ft.) beyond the exterior walls of the building. 11 DCMR § 199.1 (**emphasis added**).

Accordingly, as I have determined that the evidence provided to me demonstrates that the Cellar Area satisfies the definition of a "cellar" in the Zoning Regulations, I hereby confirm that the Cellar Area will not be counted against the FAR permitted in this zone.

In the R-5-B Zone District, the maximum FAR is 1.8. See 11 DCMR § 402.4. As shown on the plans as Exhibit "A", the proposed Project will have an FAR of 1.8. Accordingly, the Project's FAR satisfies the requirements of the R-5-B Zone District.

Height

The R-5-B Zone District permits a maximum height of 50 feet and no limit on stories. See 11 DCMR § 400.1. Pursuant to 11 DCMR § 400.18, the height of the Project will be measured as follows:

From the [established at the existing grade at the mid-point of the building façade of the principal building that is closest to a street lot line – known as the BHMP] to the average level between the highest eave, not including the eave of a dormer and the highest point of the roof; and

Where there are no eaves, the average level shall be measured between the top of the highest wall plate and the highest point of the roof.

As shown on the plans as Exhibit "A", the Project's proposed height is 45'- 3 ¾ " measured in accordance with 11 DCMR § 400.18. Therefore, because the proposed height is lower than the 50-foot maximum height in the Zone, the Project's height satisfies the requirements of the R-5-B Zone District.

Lot Occupancy

The R-5-B Zone District permits a maximum of 60% lot occupancy. See 11 DCMR § 403.2. As shown on the plans as Exhibit "A", the Project's proposed lot occupancy is 60%. Accordingly, the Project's lot occupancy satisfies the requirements of the R-5-B Zone District.

Rear Yard

Pursuant to 11 DCMR § 404.1, properties in the R-5-B zone must satisfy the following rear yard requirements:

4 inches per foot of vertical distance from the mean finished grade at the middle of the rear of the structure to the highest point of the main roof or parapet wall, but not less than 15 feet.

Based on the 45'- 3 ¾ " height, the Project requires a rear yard 11' 4" in size, which would be increased to 15 feet pursuant to 11 DCMR § 404.1, referenced above. The Project satisfies this requirement, because a 25'-7" is proposed as shown on the plans at Exhibit "A". Accordingly, the Project's rear yard satisfies the requirements of the R-5-B Zone District.

Side Yard

Pursuant to 11 DCMR § 405.9, no side yard is required for an apartment house in the R-5-B Zone. Accordingly, this Project does not provide a side yard, which satisfies the requirements of the R-5-B Zone District.

Parking

Pursuant to 11 DCMR § 2120.3, no parking spaces are required for this Project because the Property is a contributing building to the Greater 14th Street Historic District that does not trigger the parking requirement set forth in 11 DCMR § 2120.3 (a-b). However, the Project proposes two (2) parking spaces on a 418 s.f. parking pad in the rear. Accordingly, the number of parking spaces provided by this project exceeds the required number, and the Zoning Regulations' parking requirements have been satisfied.

Conclusion

After consideration of the representations made at the November 4, 2015 PDRM, January 22, 2016 meeting, my understanding of the observations and conclusions made at the February 12, 2016 Site Meeting, the plans and photos included herein at Exhibits A-C, including the applicable provisions of the Zoning Regulations discussed above. I have determined that there is sufficient evidence to determine the Cellar Area satisfies the definition of a "cellar" under 11 DCMR § 199.1. Therefore, the Project satisfies the requirements of the R-5-B Zone District.

Accordingly, it is my determination that the Project may be constructed as a matter of right, provided that the project plans filed with the applicable building permit do not substantially deviate from the plans attached here as <u>Exhibit "A"</u>. My approval does not obviate the need to obtain all of the other approval required for a building permit.

I finally note that since the project is in the Greater 14th Street Historic District, and is subject to all applicable requirements administered by the Historic Preservation Office of the Office of Planning. No building permit can be issued without HPO's approval. Any authorized construction must also adhere to HPO's requirements.

Please let me know if you have any further questions.

Sincerely,

Matthew Le Grant Zoning Administrator

Exhibits:

- A) Proposed plans
- B) Photos of Cellar Area measurements
- C) Plan showing Cellar Area measurements
- D) Letters dated 3-18-16 from KC Price and Alex Sallah, P. E.

File: Det Let re 1514 Q St NW to Mazo 3-21-16

Exhibit A

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PROJECT NUMBER: 1514 Q

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PROJECT NUMBER: 1514 Q 9102/62/20 AS NOTED

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Mandatory for all Compliance Approaches as Relevant to the Scope of Work

Key:

Plan Review

Plan Value

CS-2

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A0301

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303.1.3

Field Insp.

Plan Review

Identified Dwg Page

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Prescriptive Code Value Unheated R-10 Heated R-15

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SR 402.1.1 SR

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A0301

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Conditioned basement wall Insulation installed per manufacturer instructions.

Additions, aftersions, rehovations and Not Isolated replair shall be completed in 0.55 accordance with Table 402.4.1.1.

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402.4.1.2

Air and Thermal Barrier installed per Manufacturer's instructions.

Fenestration is listed and labeled as 0 meeting AAMAV WDMA/CSA 101/1.S. 2/A440 or does not exceed code limits per NFRC 400.

402.4.3

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Continuous R-10 Cavity: R-13

Unvented crawfspace continuous vapor retarder installed over exposed Ra-sach, johrs vantapped by 6 in. up and casaled, extending at lest 6 in. up and attached to the wall.

402.2.10

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Unvented crawspace well insulation depth of burial or distance from top of wall

1402.2.10 SR

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A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in, below hydron.

Snow and Ice-melting system controls installed.

403.8 ER

Framing' Rough-In Inspection

Door U-factor

2012 IECC Section # 402.1.1, 402.3,4

KC-rated recessed fighting fixtures sealed at housing/interior finish and laboled to inclicate \$ 2.0 CFM leakage at 75 Pa.

	STREET, NW	HINGL	S A W
ΜN	TREET,	s o	1214

				Designer		
2012 IECC Section #	Insulation inspections	Prescriptive Code Value	Plan	Identified Dwg Page	Plan Review	Final
303.1	All installed insulation labeled or installed R-values provided.			A0301		
402.1.1. 402.2.6 SR	Floor Insulation R-value	Wood; R-19 Steel; R-19+6		A0301		
303.2. 402.2.7 SR	Floor insulation installed per mnfr instructions, and substantial contact with underside of floor.			A0301		
402.1.1, 402.2.5 402.2.6 SR	Wall insulation R-value, If a mass wall with { insulation on the wall exterior, ext insulation applies.	Wood;R-20 or R-13+5 Wass: R-13 Int. R-8 Ext. Steel:R19+8		A0301		
402.1.1 SR	Mass wall exterbr insciation R-value.	R-13 Interior R-8 Exterior		A0301		
402.2.12	Waits of thermally isolated sunrooms bave a min, R-13, All other sunrooms toolated;R13 must meet code requirements.	fsolated:R13		NA		
302.2	Sunroom walls insulation installed per manufacturer's instructions.			N/A		
402.2.12 S	Cellings of thermaly isolated surrooms have min. R-24. All other sunroom cellings must meet code requirements	Isolated: R-24		NA		
302.2	Surroom celling insulation installed per manufacturer's instructions.			NA		
2012 IECC Section #	Final Inspections	Prescriptive Code Value		Identified Dwg Page	Plan Review	Field Insp. qs
402.2.1 402.2.6 SR	Ceiling Insulation R-value	Wood: R-49 Steel: U-0.026		A0301		
303.1.1.1	Ceiling insulation installed per mufrs instructions. Blown ins. marked every 300ft?			A0301		
402.2.3 SR	Baffle over air permeable insulation adjacent to soffit and eave vents.	1	}	K.		
402.2.4 SR	vietion,	z R-value of adjacent assembly		N/A		
402.4.1.2	Blower door test @ 50 Pa≤5 Air Changes per Hour. Applies to Level 3, Gut Rehab, New	ACH50≤5.0		A0101		
402,4.2				K.Y		
403,2.2	Total Duct loakage test s8 CFM/100 ff* with air-handler installed.	≤8 CFM 100		5		
403.2.2.1	Air-handler feakage designed by mfr. at \$2% of air-flow.			5		
403.6	HVAC equipment type and capacity as per plans.			ž		
403.1.1 MR	Programmable thermostats installed on forced air furnace			ž.		
403.1.2 MR	Heal pump thermostat Installed on heat pumps.			181		ĺ
403,4.1 MR	Circulating hot water systems have auto, or accessble manual controls.			5		
404.1 ER	75% lamps in permanent fixtures or 75% permanent fixtures use high effic. lamps			<u>a</u>		

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2	MI	×.	
		kes/ exhausts.	
Protection of Insulation on HVAC piping.	Hot water pipes are insulated to 2 R-3,	Auto / gravity dampers install on all intakes/ exhausts.	
403.3.1 WR	403.4.2 MR	403.5 MR	

CS-2

SHGC: 0.4

Glazhg SHGC value (Area weighted average)

Glazing U-lactor (Area weighted average, show proof of average if any u-value is less than 0.35)

Ē

HVAC Pipe 2

HVAC pipling carrying fluids > 105°F or fluids < 55°F are insulated to ≥ R-3.

MR

403.3

CS-2 CS-2

Building cavities are not used as ducts or plenums. All joints and seams of air ducts, air-handlers, and fifter boxes are sealed.

403.2.3 MR

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Field Insp. Plan Review

Plan Value

Prescriptive Code Value U-0.35

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Supply Ducts in affice are insulated to 2-R-8. All other ducts in unconditioned spaces or outside the building envelope are 2-R-5.

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DCRA Energy Verification Sheet Low-Rise Residential

Version 1.0_2014

This Energy Verification Sheet is based on DQE's Store and Store spreadsheets and was adopted to fit he 2013 DC Energy Concervation Code. This verification sheet does not resisten to a 2013 DC ECC.

STORE Cast A studded to LCAF to weak spikelines requirement and start and an addressing and start and start and the full response whose measures specific to the potent may not be included in this sheet. The potent seam standard in the sheet as specified properties of the start and start

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	Flnal Review			i 							Field Insp.					L								_
	Plan Review			ļ 							Plan Review													
-	Designer Identified Dwg Page	A0301	A0301	A0301	A0301	A0301	NIA	N/A	NIA	NA	Identified Dwg Page	A0301	A0301	A.M	NIA	AB101	N.	ž	5	ž		5	5	ū
:	Plan			}									<u> </u>		į.									
	Prescriptive Code Value		Wood; R-19 Steel; R-19+6		Wood:R-20 or R-13+5 Mass: R-13 Int. R-8 Ext. Steel:R19+8	R-13 Interior R-8 Exterior	fsolated:R13		Isolated: R-24		Prescriptive Code Value	Wood: R-49 Steel: U-0.026			z R-value of adjacent assembly	ACH50≤5.0		58 CFM 100						
	Insulation inspections	All installed insulation labeled or installed R-values provided.	Floor Insulation R-value	Floor insulation installed per mnit instructions, and substantial contact with underside of floor.	Wall insulation R-value. If a mass wall with { Insulation on the wall exterior. ext insulation applies.	Mass wall exterior insulation R-value.	Walls of thermally isolated sunrooms have a rivin. R-13. All other sunrooms must meet code requirements.	Surroom walls insulation installed per manufacturer's instructions.	Cellings of thermally isolated surrocorts have min, R-24. All other sunrocort cellings must meet code requirements	Sunroom celling insulation installed per manufacturer's instructions.	Final Inspections		Ceiling insulation installed per mufrs instructions, Blown ins, marked every 300ft?	Baffle over air permeable insulation adjacent to sofft and eave vents.	Attic access hatch and door insulation 2 R-value of adjacent assembly.	Blower door test @ 50 Pa≤5 Air Changes per Hour. Applies to Level 3, Gut Rehab, New		akage test ≤8 CFM/100 andler Installed.	Air-handler feakage designed by mfr. at £2% of air-flow.	HVAC equipment type and capacity as per plans.	Programmable thermostats installed on forced all furnace	Heat pump thermostat installed on heat pumps.	Circulating hot water systems have auto, or accessible manual controls.	75% lamps to permanent fixtures or 75% permanent fixtures use high effic.
	2012 IECC Section #	303.1	402.1.1. 402.2.6 SR	303.2. 402.2.7 SR	402.1.1, 402.2.5 402.2.6 SR	402.1.1 SR	402.2.12 S	302.2	402.2.12 S	302.2	2012 IECC Section #	402.2.1 402.2.6 SR	303.1.1.1	402.2.3 SR	402.2.4 SR	402.4.1.2	402.4.2	403,2.2	403.2.2.1	403.6	403.1.1 MR	403.1.2 MR	403.4.1 MR	404.1 ER
	Field Insp.											Ī										Γ		T

PROJECT NUMBER: 1514 Q

AS NOTED

02/29/2016

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1514 Q STREET, NW WASHINGTON, DC 20009 LOT:0027 SQUARE:0194

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1514 Q STREET, NW

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BUILDING DATA	EXISTING	PROPOSED	_
HEIGHT AROVE GRADE	33-11/2	45-33/47	
HEIGHT BELOW GRADE	3-11-	3-11-	Ц
GROSS SD, FT, PER FLOOR - CALCULATED FROM EXTERIOR WALLS	ROM EXTERIOR	WALLS	
CFIIAR	748 so. ft.	1.320 sq. ft.	_]
15! FLOOR	748 so. R.	1,320 so. 0	تـا
2nd FLOOR	748 so. ft.	1 320 so. ft.	
3rd FLOOR		924 so ft	
MEZZ		396 so. ft.	L
USE GROUP	R-3	R-2.	l
CONSTRUCTION TYPE	TYPE - VA.	TYPE -VA	֓֞֞֞֞֜֞֜֞֜֝
SPRINKLER SYSTEM	ON	YES	
FIRE ALARM SYSTEM	QN	YES	4
FIRE EXTINGUISHERS	YES	YES	
SMOKE DETECTION SYSTEM	YES	YES	ٿ
ADAACCESSIBILITY	QN	QN	ļ
FLOOR AREA (GEA) (INC. CELLAR)	2244 50. 0.	5.280 sq. ft.	2 1
NUMBER OF STORIES ABOVE GRADE	2	TYPE -VA	1
IBC/CHAPTER 5		35 / 12,000	1
SOUND TRANSMISSION CLASS	20	20	L
			1

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	EXISTING	PROPOSED	ZONING DATA	-	EXISTING	PROPOSED	
1	33-1 1/2	45-3 3/4"	SOLIARE:		0194	0194	
	3-11-	3-11	TOT:		0027	0027	
-	D FROM EXTERIOR WALLS	WALES	ZONE:		R-5-B	R-S-B	
ΠÌ	748 sq. ft.	1,320 sq. ft.	YEAR BUILT		1885	2015	
_	748 so. n.	1,320 so. ft.	1 OT AREA		2 200 sg. fl.	2 200 sn ft.	
-	748 sq. ft.	1 320 sq. ft.	GFA (NIC. CELLAR FLOOR)		1.495 sg ft.	3.960 sq. ft.	
П		924 so. ft.	FAR		1.47	1.8	
Н		396 sq. ft	RUII DING AREA		748 Sq. ft	1,320,59, 11.	
Н	R-3	R-2.	LDT OCCUPANCY		34%	60%	
г	TYPE - VA	TYPE -VA	NO STORIES ABOVE GRADE	-	2+6	3+0	
г	NO	YES	BUILDING HEIGHT		33-1 1/2	45-3 3/4"	
	NO	YES	NO. OF UNITS.			-	
-	YES	YES	SIDE YARD SET BACKS		0	a	
Н	YES	YES	REAR YARD SET BACK		35-8-	25-7	
т	QN	ç			1		
П	2.244 50. ft.	5.280 sq. ft.	INTERIOR CELLING & WALL FINISH REQUIREMENTS	4 REGUIREM	ENTS		
_	2	TYPE -VA	FOR GROUP REZ	101111111111111111111111111111111111111	Ţ		
-		35 / 12,000	MEM	EMINEL ASS	4		
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1			CORRIDORS	4	-		
			ROOMS/ENCLOSED SPACES	U	_		

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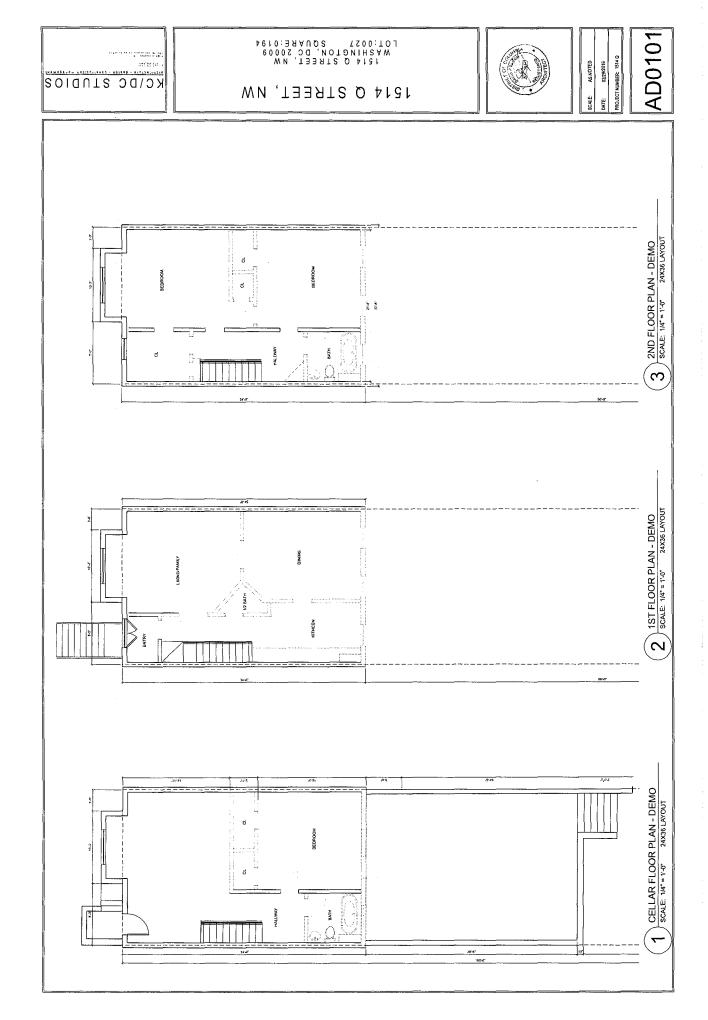
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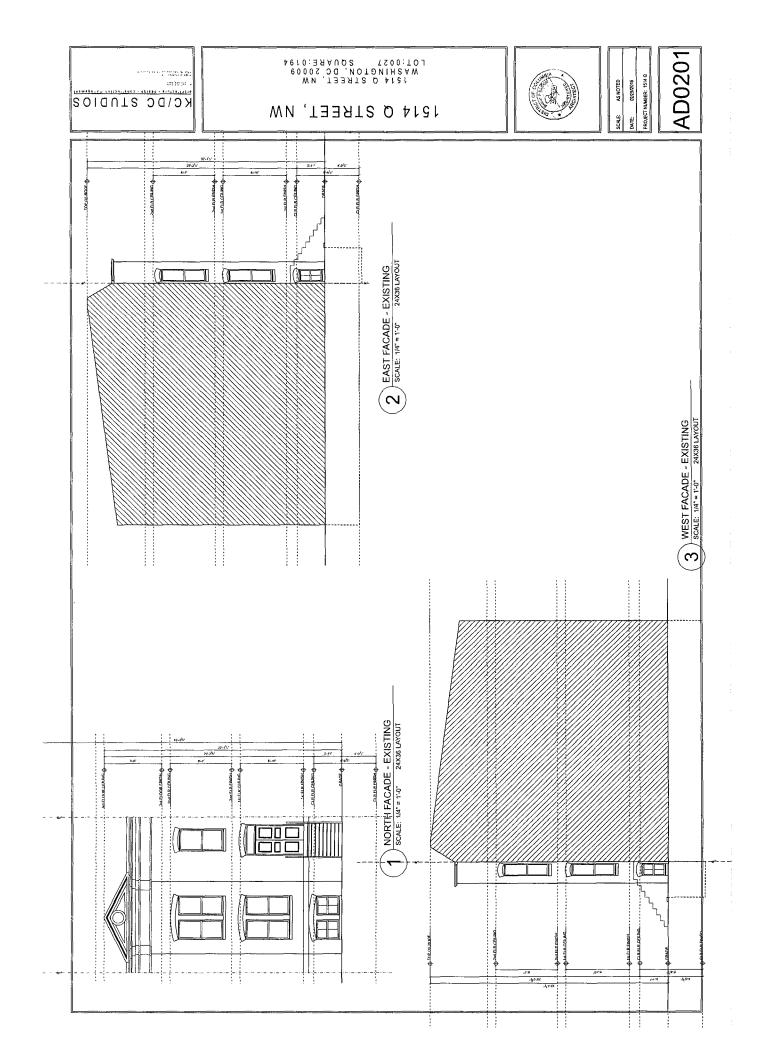
WEATHERHIELD PREMIUM LINE ENERGY STAR U FACTOR - 30 STANDARD LOWE	WEATHERSHED REBUIN LDE PREIGN'S TAR L'AKTOR - 30 STANDARD LOW-E	WEATHERSHELD PREMUM INE ENERGY STAR 1 FACTOR30 STANDARD LOW-E
		l I

	DESCRIPTION	WEATHERSHIELD PAEMUM LINE ENERGY STAR TAKTOR - JO STANDARD LOW-E	WEATHERSHELD SEMILATION STAR ENERGY STAR STANDARD LOWE	WEATHERSHELD PREMIUM LINE ENERGY STAR U FACTOR - 30 STANDARD LOW-E
HEDULE	ELEVATION			To be all of Y
WINDOW SCHEDULE	TAG	③	(a)	0

| 7.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 |







1514 Q STREET, NW WASHINGTON, DC 20009 LOT:0027 SQUARE:0194

1514 Q STREET, NW

KC/DC SINDIOS

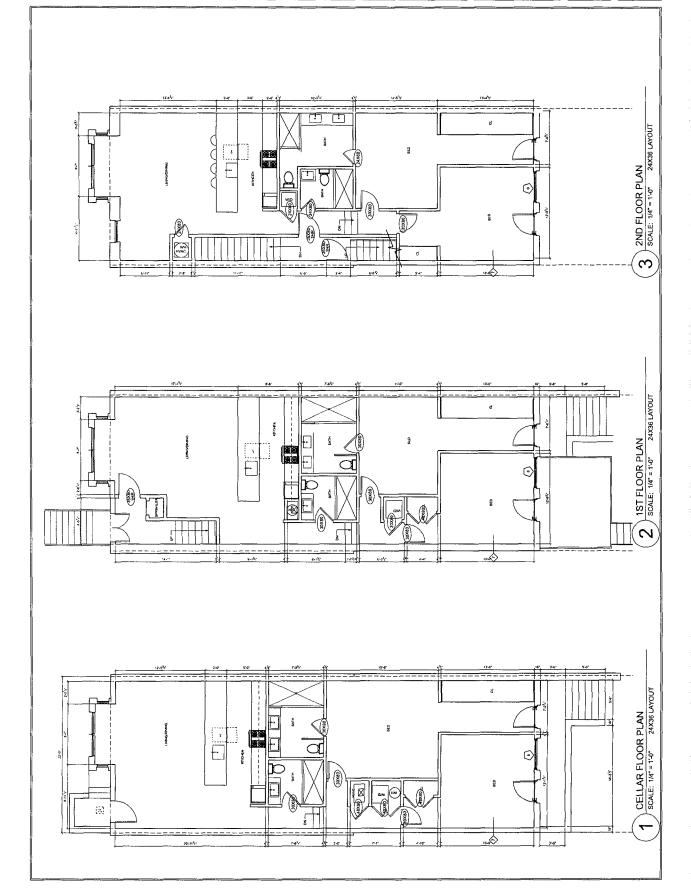
PROPOSED SITE PLAN
SCALE: 1/4" = 1.0" 24X36 LAYOUT EXISTING SITE PLAN EXISTING SITE PLAN





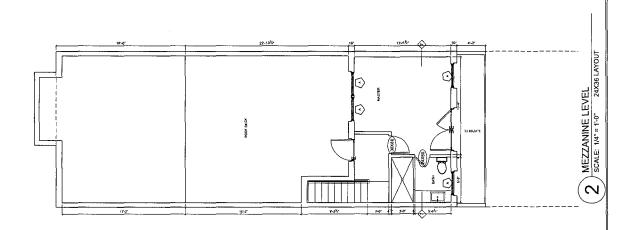
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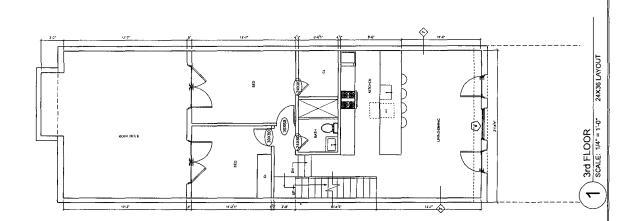
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1214 Q STREET, NW







AS NOTED 02/29/2016

1514 Q STREET, NW WASHINGTON, DC 20009 LOT:0027 SQUARE:0194

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1214 Q STREET, NW

WEST SECTION SCALE: 1/4" = 1-0"



AS NOTED 02/29/2016

1514 Q STREET, NW WASHINGTON, DC 20009 LOT:0027 SQUARE:0194

KC/DC SINDIOS

1214 O STREET, NW

EAST ELEVATION
SCALE: 1/4" = 1-4" 24X36 LAYOUT

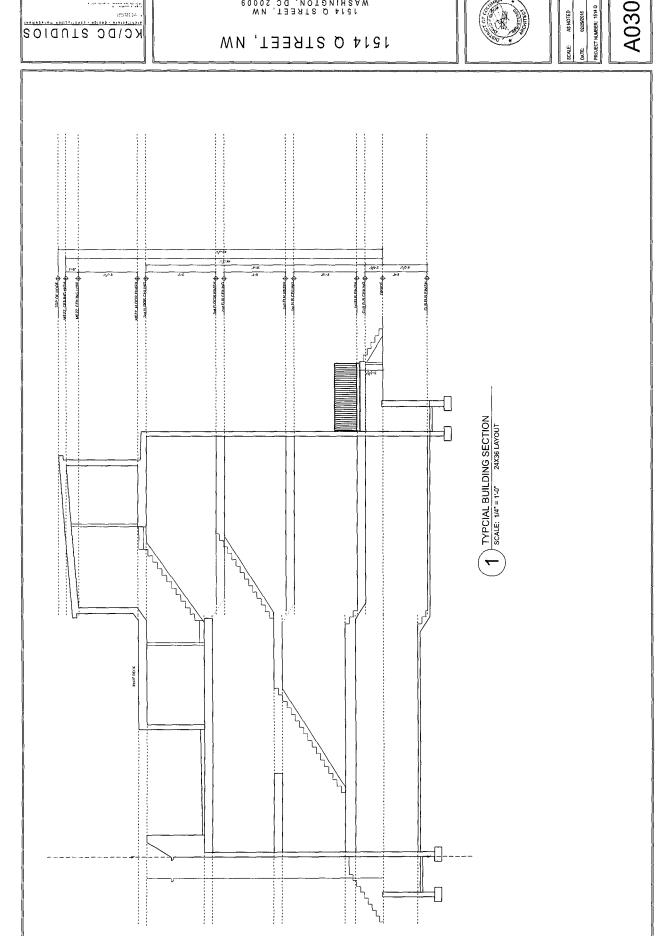
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1514 Q STREET, NW WASHINGTON, DC 20009 LOT:0027 SQUARE:0194

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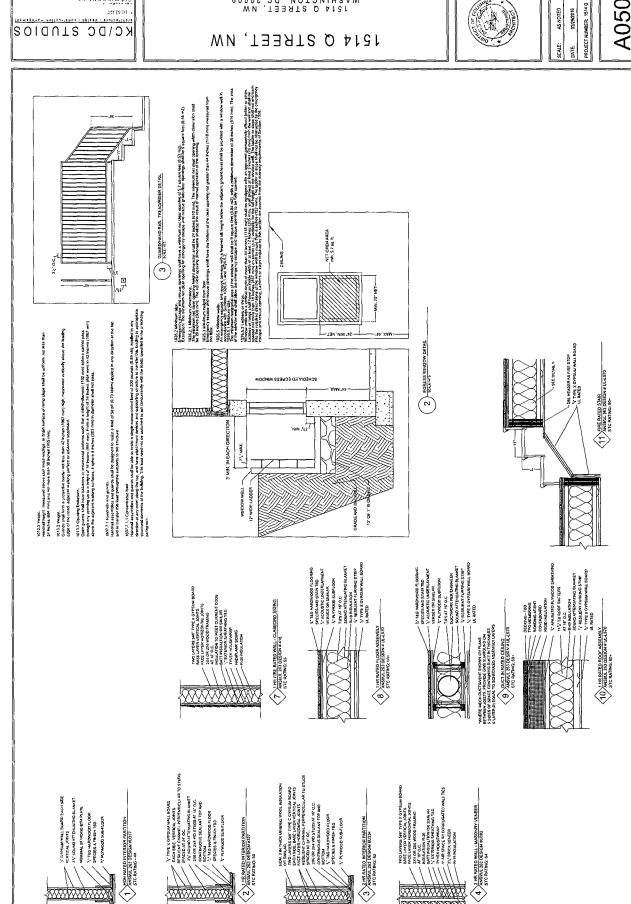
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1 ANDM RATED INTERIOR PARTITION SYC RATING - 44

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ANSILU, 263 DESIGN #327
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INTERIOR WALL CONSTRUCTION
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REFER TO FOUNDATION PLAN SET FOR DETAILS

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STRUCTURAL NOTES

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Blowners, at, Charletter Space, 18 store to 18 set and 18 se HALES SHALL NOT BE CAT THROACH BLAMS LALESS THOCATED ON ATTROPED BY THE STRUCTURAL ENGINEER PROVIDE STANDIND ANGLE WALL MICHORS FOR BEING PESTING ON MASDINGLE.

* 76 MPH (PER IRC 2012-743LE R3012.13) * 96 MPH (PER IRC 2012-71G R3012.43) * 6

MIND LOOD FASTEST MILE VIND SPEED 3 SECOND SUST VIND SPEED EXPUSINE

+ 1/360 + 1/246 + 1/360 + 1/360 + 1/360

ESBERS SUPPORTING MASDIAY / ERICK
- LV600
TOTAL LOAD
- LV600

= 30 PSF = 177 PMC ARLAS = 109 PSF (4.122PMC ARLAS) = 10 PSF (4.122PMC ARLAS) = 100 PSF = 100 PS

DESIGN LOADS

word indication to the Removal specified for the "1- distance set if the confidence of the confidence RETID CONCESSOR OF SEASONING VARIETY IN TREASED THE CONCESSOR OF SEASONING THE CONCESSOR OF SEASONING THE CONCESSOR OF SEASONING SEASONING SHALL S

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ALL VELDING VIDER SHALL BE PERFORMED PER CPECIFICATIONS, AND GLIDELINES EFF AMERICAN VILDING SOCIETY.

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INBUSTRY ASSOCIATION (914)

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LATEST TECHNICAL REPORT

PLUMBING

HANG SUBCOMPRETIONS SHALL PROVIDE ANY REQUIRED CALCULATIONS AND/OR DRAVINGS REQUIRED BY BUILDING OFFICIALS HAVING JURISDICTION DVCR THE PROJECT.

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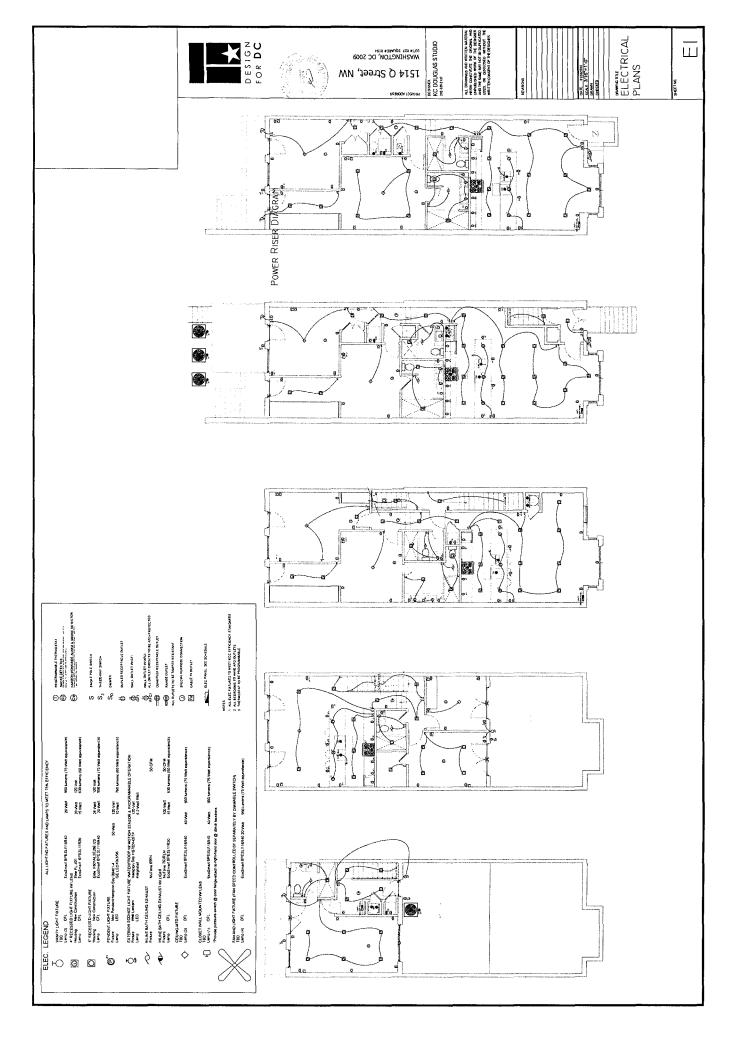
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ELECTRICAL NOTES & DIAGRAMS

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TYPICAL APT
LYR = 7 x 1500 = 10,500 VA
APPLIANCE = 3,000 VA
DW = 1,500 VA
= 1,000 VA

ELECTRICAL CALCULATIONS

1ST 10,000 @ 100% = 10,000 VA REMAINING @ .35% = 10,500 VA = 12,100VA A.C. UNIT = 4500 VA

= 16,000 W

TOTAL

= 16,600 VA = 26,400 VA /230 V = 72 AMPS

TOTAL DEMAND

= 288 AMPS

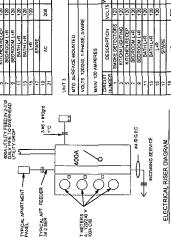
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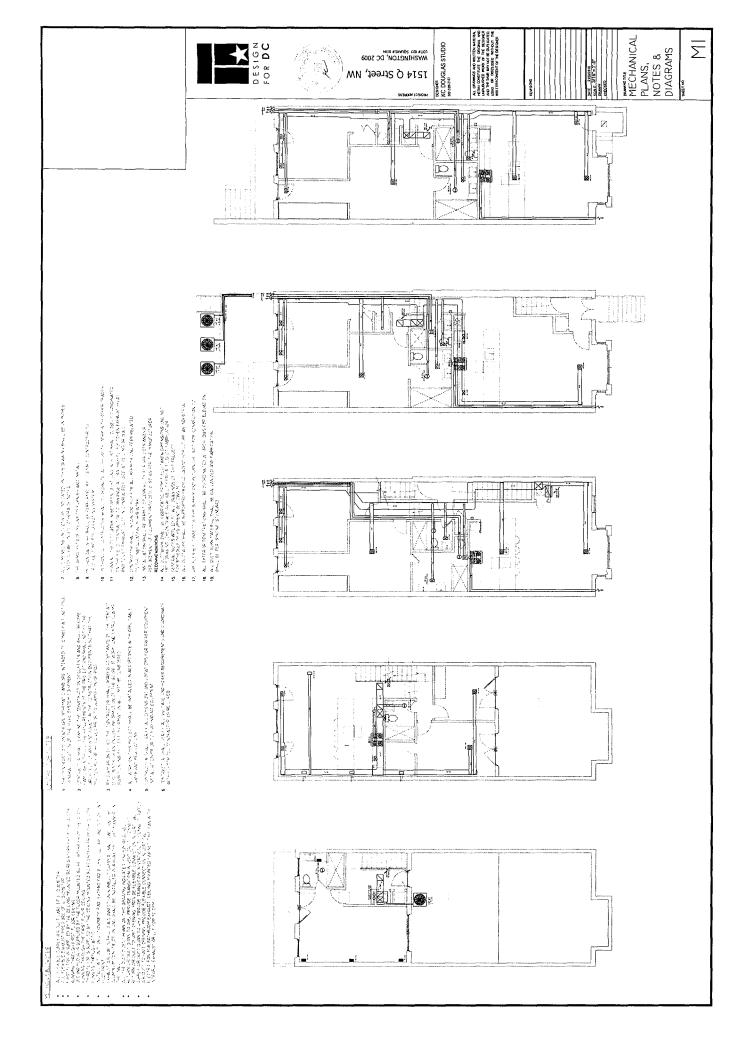
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RESIDENT STUDIO

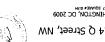
WASHINGTON, DC 2009

1514 Q Street, NW









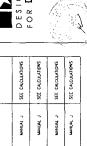
DESIGNER KC DOUGLAS STUDIO WASHINGTO 1214 6

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MECHANICAL NOTES & DIAGRAMS

16-36	N, DC 2009
1	Street, NW
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		REMARK		SEE CALCULATIONS	SEE CALCULATIONS	SEE CALCULATIONS	SEE CALCULATIONS		
		BASIS OF DESIGN		MANUAL J	C JAUNAN	C PERMEN	L JAUNANI		
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	COMPRESSOR	KR.	చ	58.3	58.3	58.3	58.3		
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		UNIT	ō.				- 1		
	BASIS OF DESIGN	MODEL		CARRIER 25HBC524C	CARRER 2SHBC524C	JARRIER 2SHBC524C	CARRIER 2SHBC524C		
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	E. HEAT	æ		01	0.	0	10		
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1 UNIT SALL BE THEE STANDING DA 4" THOU CONCERT PAD EXERNED 4" ALL AROUND FOR DUTSOF UNIT HO-1.

2 COQUAG COX COSED WITH DEBAN PAY.

MECHANICAL NOTES, SCHEDULE AND RISER DIAGRAM

5. DUTDOOR AND INDOOR UNIT SHALL BE WATCHING FROM OWE WANUFACTURER. 6. PROMOF PROGRAMMABLE 2 SPEED THERWOSTAT

	BASES OF DESIGN DATA	TITUS MODEL 300FS. 3/4" SPACING	TITUS MODEL JOOFS. 3/4" SPACING	JITUS MODEL JOOFS. 3/4" SPACING	TITUS WODEL 350FL	TITUS MODEL 350FL	IES. SUPPLY REGISTER (SR) AND RETURN GRILLE (RG) SHALL BE WALL AND DUCT MOLUMED TYPE.		
EDULE	DUCT SZE	12x6	9x9	9x9	18x12	12X12	SN GRILE	JE DAWPER	IO CONNEC
AIR DEVICE SCHEDULE	NECK	12x6	9x9	9x9	18X12	12X12	AND RETUR ED TYPE.	SR SHALL BE WITH OPPOSED BLADE DAMPER.	USE STANDARD DUCT TRANSMON TO CONNECT SP AND RG AS BEDWINSED
	SIZE	1,2X6	exe	9x9	18x12	12X12	LS. SUPPLY REGISTER (SR) AND RET WALL AND DUCT WOUNTED TYPE.	E WITH OPE	RO DUCT TR
	ag C	001	57	ន	900	200	PPLY REG	SHALL B	E STAMBA
	TAG	SG-1	2-99	5-52	RG-1	RG-2	SU SU	es ©	බ

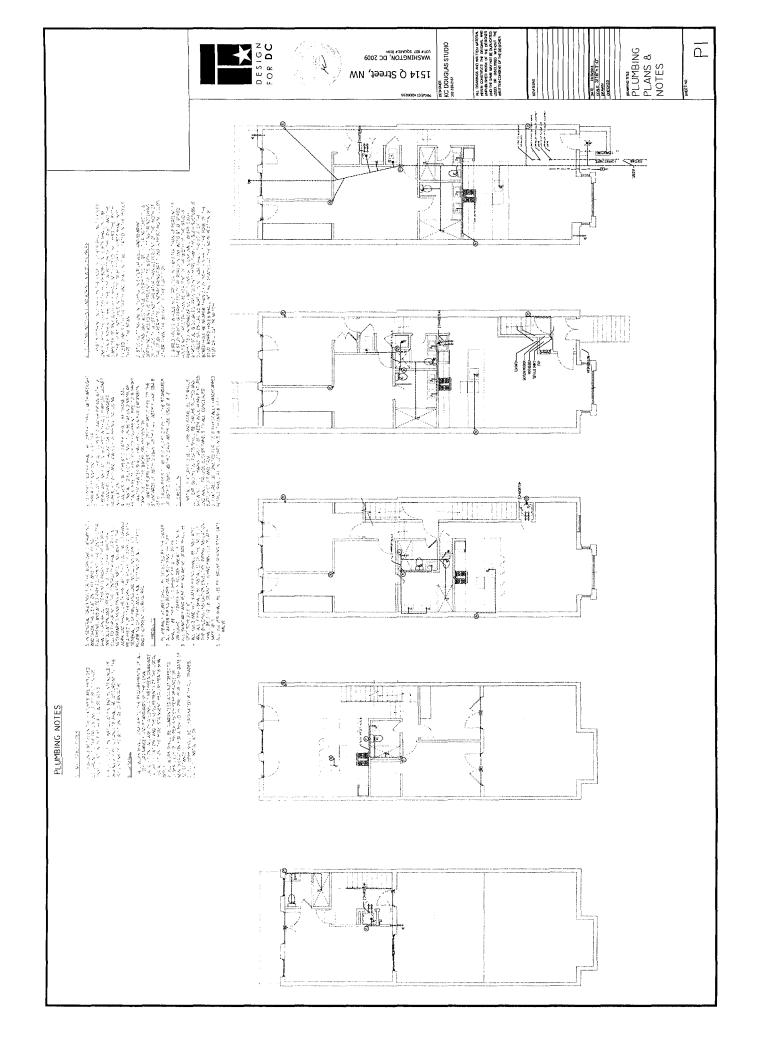
	TOILET EXHAUST FAN	FARE	RPW E.S.P (WG) DATA	1500 0.40 -0.35 115 V, 10, 60 H	
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	입	TAG# EXHAUST	CFW	\$0-75	
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		£F~1		S S S S S S S S S S S S S S S S S S S	<u>-</u>

BLECTRIC WATER HEATER SCHEDULE	L-HM3	TY SO CALLONS	15 KW	208V-1PH-60 HZ	TY SALION PER HOL
ELECTRIC	#5m	STORAGE CAPOTY	ELECTRIC ELEM	POWER SUPPLY	RECOVERY BIOLES

MATES AND THE CONTRIBUTION THE CASE (I) THIS SALE HE CLIMO, MOUTED CRITERION THE CASE (I) THIS SALE HE CLIMO, MOUTED FRIED (I) THIS SALE HE LI GIFTED (I) THIS SALE HE LI GIFTED (I) THIS SALE HE CONTRIBUTION THE CASE (I) THIS SALE HE CASE (I) THIS SALE HE CONTRIBUTION THE CASE (I) THIS SALE HE CASE (I) THIS SALE H	NTRIFUGAL TYPE. CABI 5/6) CODEL SP-6
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FAN SHULL BE UL LISTED DESIGNE BASED ON GREEN HECK W FAN SHULL BE CONTROLLED BY SWI	100EL SP-6
DESIGNE BASED ON GREEN HECK IN FAN SHALL BE CONTROLLED BY SWI	KODEL SP-6
TAN SHALL BE CONTROLLED BY SMI	ИСН.
ELECTRIC WATER HEATER SCHEDULE	R SCHEDULE
3 for	1-MM-1
STORAGE CAPOTTY 5	SO CALLONS
ELECTRIC ELEW.	15 KW
PDWER SUPPLY 2	208V-1PH-60 HZ
RECOVERY 8100'F 6	SO CALLON PER HOUR
SHIPPING WT.	125 LB
DMENSION	55° H, 21°e
MODEL	A.O.SMITH DSE-50
ELECTRIC TAG# STORAGE CAPA ELECTRIC ELE POWER SUPPL RECOVERY 01 SHIPPRIC WT. DANENSIGN UDDE:	WATER HEAT

SYMBOLS	SYMBOLS & ABBREVIATIONS STABOLS & ABBREVIATIONS STABOLS & ABBREVIATIONS	CENE!	GENERAL NOTES: (MECHANICAL) HE COHIRCY DOCUMENTS AS SCHEMIT, ARE HET HERED TO COHNEY A FUNCTIONAL
F	WALL MOUNTED RETURN GRILLE/REGISTER	2. CDMTRA	DEFENDE LOCATION OF THE THING STOCK CONTROLL. CONTRACTOR SHALL EXAMINE THE CONSTRUCTION DOCUMENTS AND SHALL BECOME
8	OUCT WOUNTED SUPPLY REGISTER	FAULLAS	Adulua mith all the Requestryns of the Reagest and shall notify the architect of any kad tault in the Construction documents so than the matter any be resolved prior to Subansson of 805.
Θ	THERMOSTAT	3. BY SUB	BY SUBMISSION OF BID THE CONTRACTOR SHALL AGREED ACCEPTANCE OF THE CONTACT
Ø	St. DUCT UP	BASED	DDCJUENTS AS AN ENGUGH INFORMATION OF THE SCOPE OF WORK, AND EXTRA CLAUNS BASED ON WISUFFICENT INFORMATION WILL NOT BE CONSIDERED.
	RA DUCT UP	4 ALL WO	ALL WORK ON THE PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE
×	SA DUCT DOWN	S COURS	CODES AND REMOVEDINGS. FORMERCHAR CLASS AND STANGENER AND STANGENER FOR BOODER FOR IDDIEST.
	RA DUCT DOWN	INSTALL	NISTALIATION PRIOR TO PURCHASING EQUIPMENT,
۶IX	SUPPLY REGISTER SHOWING CFM	6. CONTRA	CONTRACTOR SHALL VERFY ALL VOLTAGE AND POWER REQUIREMENTS AND COORDINATE WITH ELECTRICAL COMPRACTOR AS REQUIRED.
윘Χ	RETURN CRILLE SHOWING CFM	30 SNI)	7, ALL DIJENSIONS ON QUETWORK INDICATED ON THIS DRAWING SHALL BE IN MICHES. (MSDE CLEAR) UNLESS DIHERMSE NOTED.
ž	LEAVING AIR TEMP	8. THE WO	8. THE WORD "PROWDE" WEANS TO FURNISH AND INSTALL.
ž t	EVIERING AR 1EMP	9. WECHAN	9. WECHANICAL WORK SHALL BE PERFORMED BY LICENSED CONTRACTOR TO
нин	HOT WATER HEATTR	PRODUC	PRODUCE COMPLETE OPERATING SYSTEM.
RTO	ROOF TOP UNIT	10. WECHANICAL	WICAL CONTRACTOR SHALL COORDINATE ALL PHASE OF WORK WITH OTHER TRADES.
á	SUPPLY AIR	13. RUNNIN	RUNNING THE DUCT WORK IN BETWEEN JOIST AND IN JOIST SHALL CLOSELY COORDINATED
ž :	RETURN AIR	at on or	DN THE FIELD. CONTRACTOR TO ARRANGE ALL SA, AMM FLUE,KITCHEN EXMAUST MODO AND TOLET EXMAUST DUCT IN CONSEQUED PLACE AT CELLING OR WALL
CLG	CEIUNG	12. COMTRA	CONTRACTOR SYALL DRIVAN AND PAY FOR ALL PERMITS AND FEES RELATED
Ŧ	PHASE		TO THE INSTALLATION OF HIS WORK.
4ENP	TEAPERATURE	13 INSTALL	INSTALLATION SHALL BE PERMIT ACCESSIBILITY FOR SERVICES AND/OR
¥	KILD WATTS	REPLAC	REPLACEMENT OF EQUIPMENT PROMDED, ALSO AS PER THE MANUFACTURER
нотв	BRITISH THERMAL UNIT PER HOUR	WE COM	MCMUATIONS. CINCIN CHAIR OF CARREST FROM FACIO TAKEN DIMENSIONS AND ACT
N CONTRACT	CONNECTION		FROM DRAWING, CHECK SPACE AVAILABILITY PRIOR TO DUCT FABRICATION,
ž	DOWN	15. GENERA	CENERAL NOTES APPLIED TO ALL DRAWINGS OF THIS PROJECT,
RPL	REVOLUTION PER MINUTE	16. ALL DU	ALL DUCTWORK SIMIL BE SUPPORTED FROM ADJACENT STRUCTURE AS INDUSTRIAL
÷	HDRSE POWER		OR INCREMENTAL AND ARTHUR AND INCREMENT OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY OF
ESP	EXTERNAL STATIC PRESSURE	5	LEXIBLE CONNECTOR FOR SUPPLY AND RETURN AIR DUCT FOR CORNECTOR TO
ş	WATER CAUGE	18. ALL EX	ALL EXTERIOR PENETRATIONS SHALL BE CODRIDIMATED W/ ARCH DWG FDR ELEVATION
88	CUBIC TEET PER MINUTE	19. ALL DU	ALL DUCT WORK WATERING SHALL BE CALVANIZED AND FABRICATION
CONT	COMINIOUS	SHALL	SHALL BE PER "SLACKA" STANDARD



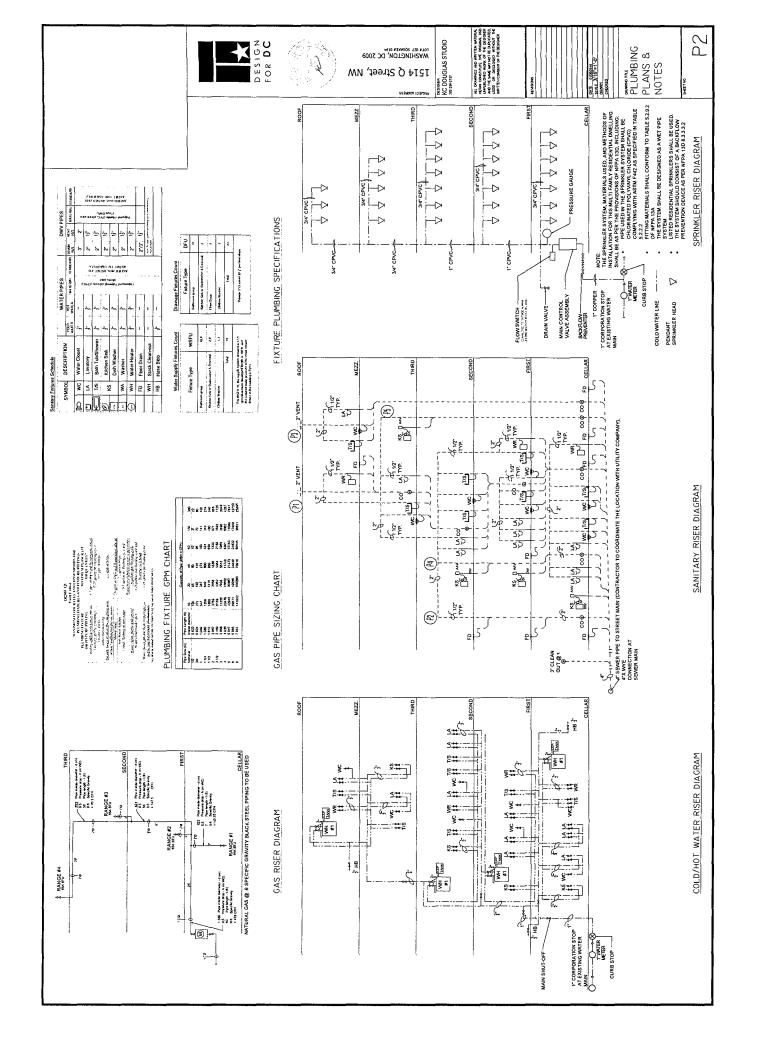


Exhibit B

AFFIDAVIT OF JOHN CASEY

AUTHENTICATING ATTACHED PHOTOS

I, John Casey, being duly sworn, do hereby attest that the attached photos are authentic and were taken of 1514 Q Street NW during the February 12, 2016 meeting I attended on the property with DCRA Inspector Ruben Legaspi, SMD 2B05 Abigail Nichols, and project architect KC Price. The attached photos accurately document that the ceiling of the lower level is less than four feet (4 ft.) above the adjacent finished grade.

Date: 2 27/6

Signature:

Subscribed and sworn to me this 27 date of FEBRUAY 2016.

(Signature)

My commission expires on: 10-10-2017

Seal:

EDWARD A. ARABIAN
Notary Public
Montgomery County
Maryland
My Commission Expires Oct 10, 2017



Close up showing measurment dimension of 3' - 11" at ceiling



Close up showing measurement hension of 3" - 9 1/2"

Exhibit B

AFFIDAVIT OF JOHN CASEY

AUTHENTICATING ATTACHED PHOTOS

I, John Casey, being duly sworn, do hereby attest that the attached photos are authentic and were taken of 1514 Q Street NW during the February 12, 2016 meeting I attended on the property with DCRA Inspector Ruben Legaspi, SMD 2B05 Abigail Nichols, and project architect KC Price. The attached photos accurately document that the ceiling of the lower level is less than four feet (4 ft.) above the adjacent finished grade.

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Notary Public

Montgomery County

Maryland

My Commission Expires Oct 10, 2017







Close up showing measurement dimension of 2' - 9 1/2"

Exhibit C

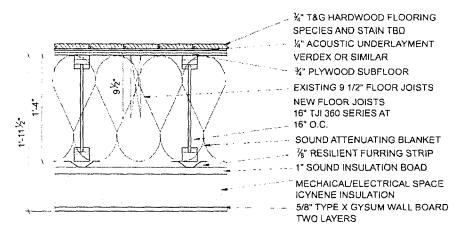
Exhibit D

March 18, 2016

Mr. Matthew Le Grant – Zoning Administrator Department of Consumer and Regulatory Affairs 1100 4th Street, SW Washington, DC 20024

Dear Mr. Le Grant -

Thank you for reviewing the concerns at 1514 Q Street, NW. The below image is the detail section that provides the makeup of the floor system at the area in question. The existing floor joists that span the length of the structure are 2x10's (9 ½" in depth) that do not meet current code or load limits to support the proposed use and are required to be maintained by the HPO office. This requires the new floor joists be placed 16" o.c. between the existing floor joist to maintain their integrity.



The minimum requried insualtion between floors is R-19 and we must also provide an uninteruped 1 hour fire sepeartion between the cellar level and 1st floor. The above floor makeup provides this as well as provideding an electrical/mechanical area that allows for the continuos 1 hr fire rating to be maintined.

Should you require futher information or clarifiaiton pelase do not hesistate in contacting me.

Sincerely,

KC Phice



8837 Western Hemlock Way, Lorton, VA 22079 Tel: 301-906-5601 Fax: 703-646-5779 Email: a.sallah@aysengineers.com

March 18, 2016

Re: Floor Framing 1514 Q St NW

The renovation of the building at the address referenced above required a clear floor space of 22 feet from bearing to bearing wall. The minimum joist size that is structurally adequate and that will not provide excessive floor deflection is a 16" depth floor member. As such I recommended a 16" deep wood TJI joist at 16" on center to be used. A floor joist depth of 9 14" will not be structurally adequate to span the 22 feet clear floor space.

Please call me at 301-906-5601 if you have any questions.

Alex Sallah, P.E. Structural Engineer PESOOO10

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