

[311 Online](#) [Agency Directory](#) [Online Services](#) [Accessibility](#)

[Search](#) [Menu](#)
[Contact](#)

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



Office Hours

Monday, Tuesday, Wednesday, Friday 8:30 am to 4:30 pm and Thursday 9:30 am to 4:30 pm

Connect With Us

1100 4th Street, SW, Washington, DC 20024

Phone: (202) 442-4400

Fax: (202) 442-9445

TTY: (202) 123-4567

Email: dcra@dc.gov



[Ask the Director](#)

[Agency Performance](#)

[Grade.DC.Gov](#)

[Spanish \(Español\)](#)

[French \(Français\)](#)

[Vietnamese \(Tiếng Việt\)](#)

[Amharic \(አማርኛ\)](#)

[Chinese \(中文\)](#)

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

Korean (한국어)



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)

Resources

District News	+
District Initiatives	+
About DC	+
Contact Us	+

Accessibility

**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".

1100 4th Street, SW 3rd Floor Washington, D.C. 20024
Phone: (202) 442-4576 Fax: (202) 442-4871

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 Exhibit “B”. These photos have been authenticated by the property owner who participated in that meeting, pursuant to the affidavit included as Exhibit “B”. It is my understanding that the photos as Exhibit “B” 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”).¹ 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”.² 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.

² 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 ½ ”.

³ I note that Exhibit “C” also demonstrates that the floor to ceiling height of the Cellar Area is proposed to be 7’ - 10”.

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 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.

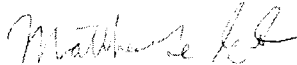
Conclusion

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 Exhibit "A". 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.

Exhibit A

88

BUILDING CLASSIFICATIONS	R-2
USE GROUP (IBC 2012 - 310)	TYPE VA
TYPE OF CONSTRUCTION (IBC 2012 - 602)	

החברות המובילות הן:

DCRA Energy Verification Sheet

Version 1.0 2014



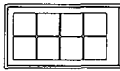
ow-Rise Residential

BUILDING DATA	EXISTING	PROPOSED	ZONING DATA	EXISTING	PROPOSED
HEIGHT ABOVE GRADE	33'-1.17"	453'-34"	SQUARE:	D184	D184
HEIGHT ABOVE GRADE	33'-1.17"	51'-11"	LOT:	0027	0027
HEIGHT ABOVE GRADE	33'-1.17"	51'-11"	ZONE:	R-5-B	R-5-B
GROSS SQ. FT. PER FLOOR - CALCULATED FROM EXTERIOR WALLS	748 sq. ft.	1,320 sq. ft.	YEAR BUILT	1885	2015
CEILING	748 sq. ft.	1,320 sq. ft.	LOT AREA	2,200 sq. ft.	2,200 sq. ft.
1st FLOOR	748 sq. ft.	1,320 sq. ft.	1st FLOOR	1,098 sq. ft.	3,900 sq. ft.
2nd FLOOR	748 sq. ft.	1,320 sq. ft.	2nd FLOOR	1,47	18
3rd FLOOR	748 sq. ft.	1,320 sq. ft.	3rd FLOOR	1,47	18
4th FLOOR	748 sq. ft.	1,320 sq. ft.	4th FLOOR	1,47	18
5th FLOOR	748 sq. ft.	1,320 sq. ft.	5th FLOOR	1,47	18
6th FLOOR	748 sq. ft.	1,320 sq. ft.	6th FLOOR	1,47	18
7th FLOOR	748 sq. ft.	1,320 sq. ft.	7th FLOOR	1,47	18
8th FLOOR	748 sq. ft.	1,320 sq. ft.	8th FLOOR	1,47	18
9th FLOOR	748 sq. ft.	1,320 sq. ft.	9th FLOOR	1,47	18
10th FLOOR	748 sq. ft.	1,320 sq. ft.	10th FLOOR	1,47	18
11th FLOOR	748 sq. ft.	1,320 sq. ft.	11th FLOOR	1,47	18
12th FLOOR	748 sq. ft.	1,320 sq. ft.	12th FLOOR	1,47	18
13th FLOOR	748 sq. ft.	1,320 sq. ft.	13th FLOOR	1,47	18
14th FLOOR	748 sq. ft.	1,320 sq. ft.	14th FLOOR	1,47	18
15th FLOOR	748 sq. ft.	1,320 sq. ft.	15th FLOOR	1,47	18
16th FLOOR	748 sq. ft.	1,320 sq. ft.	16th FLOOR	1,47	18
17th FLOOR	748 sq. ft.	1,320 sq. ft.	17th FLOOR	1,47	18
18th FLOOR	748 sq. ft.	1,320 sq. ft.	18th FLOOR	1,47	18
19th FLOOR	748 sq. ft.	1,320 sq. ft.	19th FLOOR	1,47	18
20th FLOOR	748 sq. ft.	1,320 sq. ft.	20th FLOOR	1,47	18
21st FLOOR	748 sq. ft.	1,320 sq. ft.	21st FLOOR	1,47	18
22nd FLOOR	748 sq. ft.	1,320 sq. ft.	22nd FLOOR	1,47	18
23rd FLOOR	748 sq. ft.	1,320 sq. ft.	23rd FLOOR	1,47	18
24th FLOOR	748 sq. ft.	1,320 sq. ft.	24th FLOOR	1,47	18
25th FLOOR	748 sq. ft.	1,320 sq. ft.	25th FLOOR	1,47	18
26th FLOOR	748 sq. ft.	1,320 sq. ft.	26th FLOOR	1,47	18
27th FLOOR	748 sq. ft.	1,320 sq. ft.	27th FLOOR	1,47	18
28th FLOOR	748 sq. ft.	1,320 sq. ft.	28th FLOOR	1,47	18
29th FLOOR	748 sq. ft.	1,320 sq. ft.	29th FLOOR	1,47	18
30th FLOOR	748 sq. ft.	1,320 sq. ft.	30th FLOOR	1,47	18
31st FLOOR	748 sq. ft.	1,320 sq. ft.	31st FLOOR	1,47	18
32nd FLOOR	748 sq. ft.	1,320 sq. ft.	32nd FLOOR	1,47	18
33rd FLOOR	748 sq. ft.	1,320 sq. ft.	33rd FLOOR	1,47	18
34th FLOOR	748 sq. ft.	1,320 sq. ft.	34th FLOOR	1,47	18
35th FLOOR	748 sq. ft.	1,320 sq. ft.	35th FLOOR	1,47	18
36th FLOOR	748 sq. ft.	1,320 sq. ft.	36th FLOOR	1,47	18
37th FLOOR	748 sq. ft.	1,320 sq. ft.	37th FLOOR	1,47	18
38th FLOOR	748 sq. ft.	1,320 sq. ft.	38th FLOOR	1,47	18
39th FLOOR	748 sq. ft.	1,320 sq. ft.	39th FLOOR	1,47	18
40th FLOOR	748 sq. ft.	1,320 sq. ft.	40th FLOOR	1,47	18
41st FLOOR	748 sq. ft.	1,320 sq. ft.	41st FLOOR	1,47	18
42nd FLOOR	748 sq. ft.	1,320 sq. ft.	42nd FLOOR	1,47	18
43rd FLOOR	748 sq. ft.	1,320 sq. ft.	43rd FLOOR	1,47	18
44th FLOOR	748 sq. ft.	1,320 sq. ft.	44th FLOOR	1,47	18
45th FLOOR	748 sq. ft.	1,320 sq. ft.	45th FLOOR	1,47	18
46th FLOOR	748 sq. ft.	1,320 sq. ft.	46th FLOOR	1,47	18
47th FLOOR	748 sq. ft.	1,320 sq. ft.	47th FLOOR	1,47	18
48th FLOOR	748 sq. ft.	1,320 sq. ft.	48th FLOOR	1,47	18
49th FLOOR	748 sq. ft.	1,320 sq. ft.	49th FLOOR	1,47	18
50th FLOOR	748 sq. ft.	1,320 sq. ft.	50th FLOOR	1,47	18
51st FLOOR	748 sq. ft.	1,320 sq. ft.	51st FLOOR	1,47	18
52nd FLOOR	748 sq. ft.	1,320 sq. ft.	52nd FLOOR	1,47	18
53rd FLOOR	748 sq. ft.	1,320 sq. ft.	53rd FLOOR	1,47	18
54th FLOOR	748 sq. ft.	1,320 sq. ft.	54th FLOOR	1,47	18
55th FLOOR	748 sq. ft.	1,320 sq. ft.	55th FLOOR	1,47	18
56th FLOOR	748 sq. ft.	1,320 sq. ft.	56th FLOOR	1,47	18
57th FLOOR	748 sq. ft.	1,320 sq. ft.	57th FLOOR	1,47	18
58th FLOOR	748 sq. ft.	1,320 sq. ft.	58th FLOOR	1,47	18
59th FLOOR	748 sq. ft.	1,320 sq. ft.	59th FLOOR	1,47	18
60th FLOOR	748 sq. ft.	1,320 sq. ft.	60th FLOOR	1,47	18
61st FLOOR	748 sq. ft.	1,320 sq. ft.	61st FLOOR	1,47	18
62nd FLOOR	748 sq. ft.	1,320 sq. ft.	62nd FLOOR	1,47	18
63rd FLOOR	748 sq. ft.	1,320 sq. ft.	63rd FLOOR	1,47	18
64th FLOOR	748 sq. ft.	1,320 sq. ft.	64th FLOOR	1,47	18
65th FLOOR	748 sq. ft.	1,320 sq. ft.	65th FLOOR	1,47	18
66th FLOOR	748 sq. ft.	1,320 sq. ft.	66th FLOOR	1,47	18
67th FLOOR	748 sq. ft.	1,320 sq. ft.	67th FLOOR	1,47	18
68th FLOOR	748 sq. ft.	1,320 sq. ft.	68th FLOOR	1,47	18
69th FLOOR	748 sq. ft.	1,320 sq. ft.	69th FLOOR	1,47	18
70th FLOOR	748 sq. ft.	1,320 sq. ft.	70th FLOOR	1,47	18
71st FLOOR	748 sq. ft.	1,320 sq. ft.	71st FLOOR	1,47	18
72nd FLOOR	748 sq. ft.	1,320 sq. ft.	72nd FLOOR	1,47	18
73rd FLOOR	748 sq. ft.	1,320 sq. ft.	73rd FLOOR	1,47	18
74th FLOOR	748 sq. ft.	1,320 sq. ft.	74th FLOOR	1,47	18
75th FLOOR	748 sq. ft.	1,320 sq. ft.	75th FLOOR	1,47	18
76th FLOOR	748 sq. ft.	1,320 sq. ft.	76th FLOOR	1,47	18
77th FLOOR	748 sq. ft.	1,320 sq. ft.	77th FLOOR	1,47	18
78th FLOOR	748 sq. ft.	1,320 sq. ft.	78th FLOOR	1,47	18
79th FLOOR	748 sq. ft.	1,320 sq. ft.	79th FLOOR	1,47	18
80th FLOOR	748 sq. ft.	1,320 sq. ft.	80th FLOOR	1,47	18
81st FLOOR	748 sq. ft.	1,320 sq. ft.	81st FLOOR	1,47	18
82nd FLOOR	748 sq. ft.	1,320 sq. ft.	82nd FLOOR	1,47	18
83rd FLOOR	748 sq. ft.	1,320 sq. ft.	83rd FLOOR	1,47	18
84th FLOOR	748 sq. ft.	1,320 sq. ft.	84th FLOOR	1,47	18
85th FLOOR	748 sq. ft.	1,320 sq. ft.	85th FLOOR	1,47	18
86th FLOOR	748 sq. ft.	1,320 sq. ft.	86th FLOOR	1,47	18
87th FLOOR	748 sq. ft.	1,320 sq. ft.	87th FLOOR	1,47	18
88th FLOOR	748 sq. ft.	1,320 sq. ft.	88th FLOOR	1,47	18
89th FLOOR	748 sq. ft.	1,320 sq. ft.	89th FLOOR	1,47	18
90th FLOOR	748 sq. ft.	1,320 sq. ft.	90th FLOOR	1,47	18
91st FLOOR	748 sq. ft.	1,320 sq. ft.	91st FLOOR	1,47	18
92nd FLOOR	748 sq. ft.	1,320 sq. ft.	92nd FLOOR	1,47	18
93rd FLOOR	748 sq. ft.	1,320 sq. ft.	93rd FLOOR	1,47	18
94th FLOOR	748 sq. ft.	1,320 sq. ft.	94th FLOOR	1,47	18
95th FLOOR	748 sq. ft.	1,320 sq. ft.	95th FLOOR	1,47	18
96th FLOOR	748 sq. ft.	1,320 sq. ft.	96th FLOOR	1,47	18
97th FLOOR	748 sq. ft.	1,320 sq. ft.	97th FLOOR	1,47	18
98th FLOOR	748 sq. ft.	1,320 sq. ft.	98th FLOOR	1,47	18
99th FLOOR	748 sq. ft.	1,320 sq. ft.	99th FLOOR	1,47	18
100th FLOOR	748 sq. ft.	1,320 sq. ft.	100th FLOOR	1,47	18

INTERIOR CEILING & WALL FINISH REQUIREMENTS	
FOR GROUP R-2	
ITEM	FINISH CLASS
EXIT ENCL. DISUREPASSAGE	C
COBBLERS	C

CUMULATIVE CLIMATE FACTOR	SKYLIGHT EFFECT	GLAZED FENESTRATION SHROUDED	'CEILING' WALL R- VALUE	WOOD FRAMING WALL R- VALUE	MASS WALL R- VALUE	FLOOR R- VALUE	BASEMENT T-WALL R- VALUE	'SLAB' WALL R- VALUE	CRAWL SPACE' WALL R- VALUE
1	NR	0.75	20	13	2-4	13	0	0	0
2	0.40	0.65	0.25	35	13	0	0	0	0
3	0.35	0.55	0.25	38	20 or 13-25	8-13	19	5-13	0
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	NR	0.55	0.40	49	20 or 13-25	8-13	19	10-13	0
40	NR	0.55	NR	49	20 or 13-25	8-13	19	10-13	0
5 and Maine-1	NR	0.55	NR	49	20 or 13-25	8-13	19	10-13	0
6	NR	0.55	NR	49	20 or 13-25	8-13	19	10-13	0
7 and 8	NR	0.55	NR	49	20 or 13-25	8-13	19	10-13	0

DOOR SCHEDULE	TAG	SIZE	DESCRIPTION
	24480	7'-0" x 6'-6"	FLAT PANEL SOLID CORE MASONITE
	30080	7'-0" x 7'-6"	FLAT PANEL SOLID CORE MASONITE
	30080 54240	7'-0" x 6'-6"	WEATHERSHIELD LOWE U. 30
	38480	3'-0" x 7'-6"	FLAT PANEL SOLID CORE MASONITE
	38480 44160	3'-0" x 5'-6"	EXTENSION ENTRY DOOR / EXTENSOR ROOF BECK ENTRY
	42180	3'-0" x 5'-6"	FLAT PANEL ROAM RATED FIRE DOOR
	48880	6'-7 1/2" x 6'-6"	FLAT PANEL SOLID CORE MASONITE
	50080	10'-2 1/2" x 6'-6"	FLAT PANEL SOLID CORE MASONITE
	60080	12'-0" x 7'-6"	WEATHERSHIELD LOWE U. 30

WINDOW SCHEDULE		ELEVATION		DESCRIPTION
1				WEATHERSHIELD ENERGY STAR UPFACITOR +30 STANDARD LOW-E
2				WEATHERSHIELD ENERGY STAR UPFACITOR +30 STANDARD LOW-E
3				WEATHERSHIELD ENERGY STAR UPFACITOR +30 STANDARD LOW-E

[illegible][illegible]

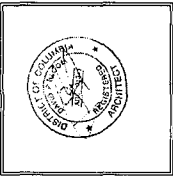
U.S. Animal Product Company	Chemical Name	Use (active)	EWG Score
 U.S. Animal Product Company 10000 W. 10th Ave. Denver, CO 80231	COPRAN	100-100	100-100
		100-100	100-100
		100-100	100-100
		100-100	100-100
		100-100	100-100

U.S. Qualification Criteria	Climate Zone	25 Years	50 Years
	1-4-2-2-2	1-4-2-2-2	1-4-2-2-2
	1-4-2-2-2	1-4-2-2-2	1-4-2-2-2
	1-4-2-2-2	1-4-2-2-2	1-4-2-2-2
	1-4-2-2-2	1-4-2-2-2	1-4-2-2-2

WEATHERSHIELD PREMIUM LINE
ENERGY STAR
U FACTOR - .30
STANDARD LOW-E

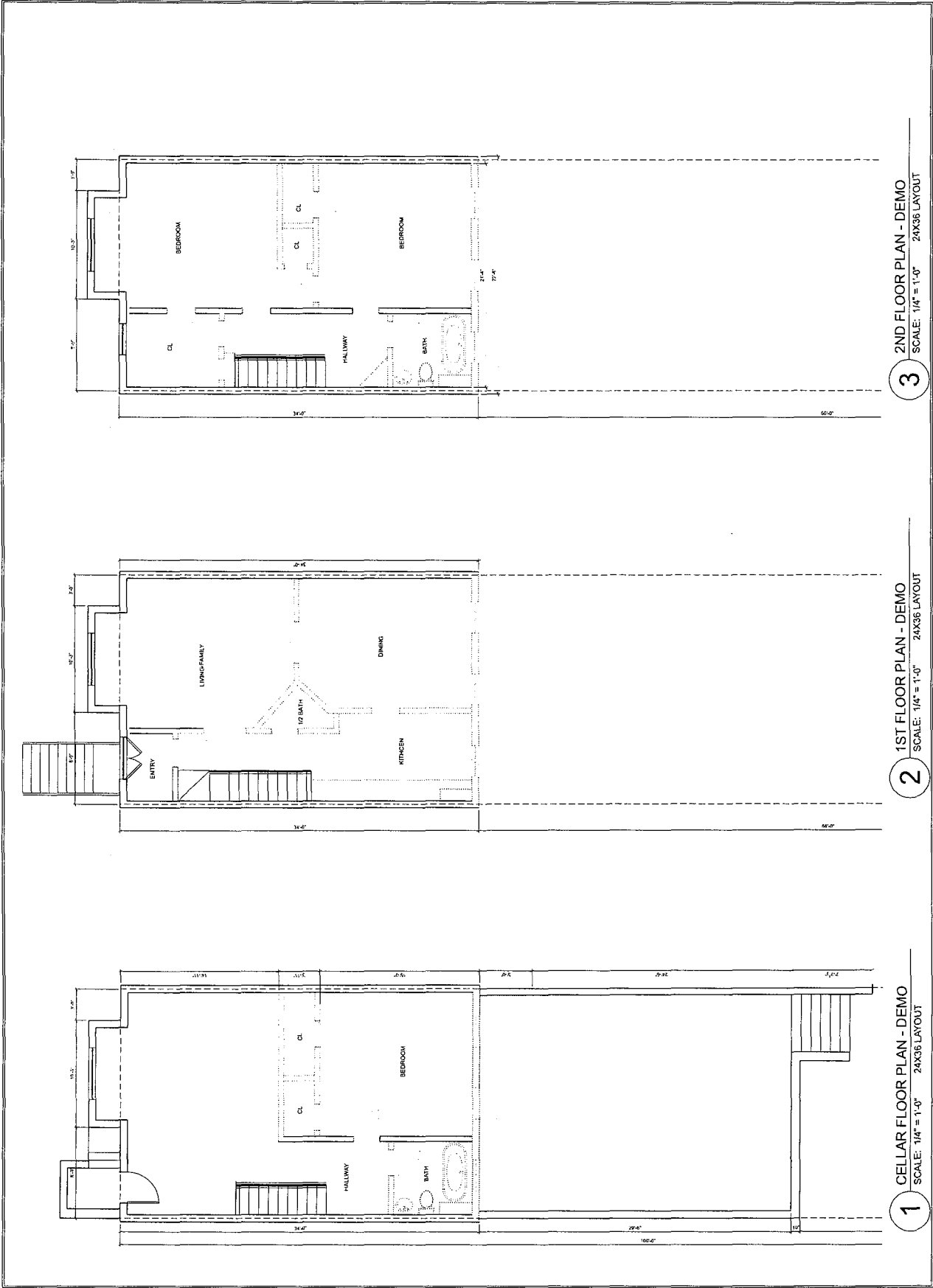
K/C/DC STUDIOS
ARCHITECTS
1514 Q STREET, NW
WASHINGTON, DC 20009
LOT:0027 SQUARE:0194

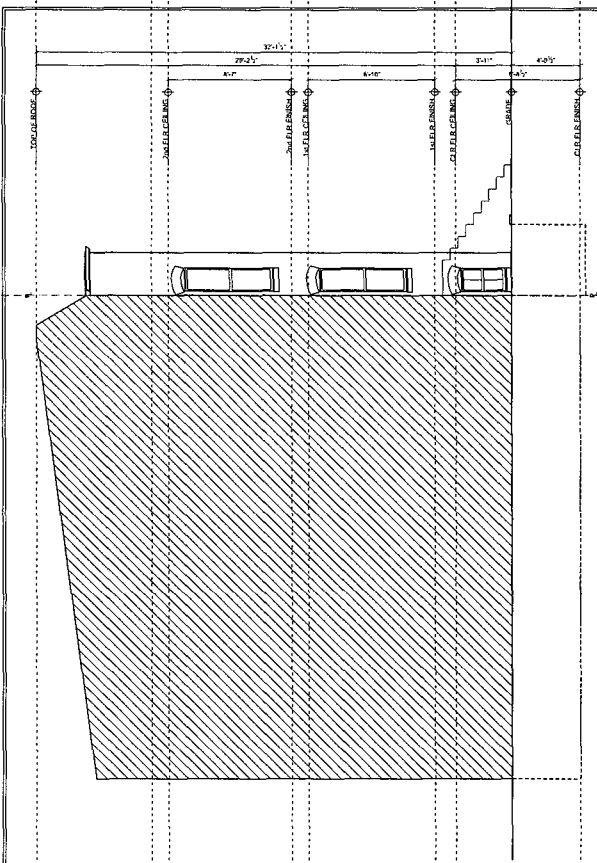
1514 Q STREET, NW
WASHINGTON, DC 20009
LOT:0027 SQUARE:0194



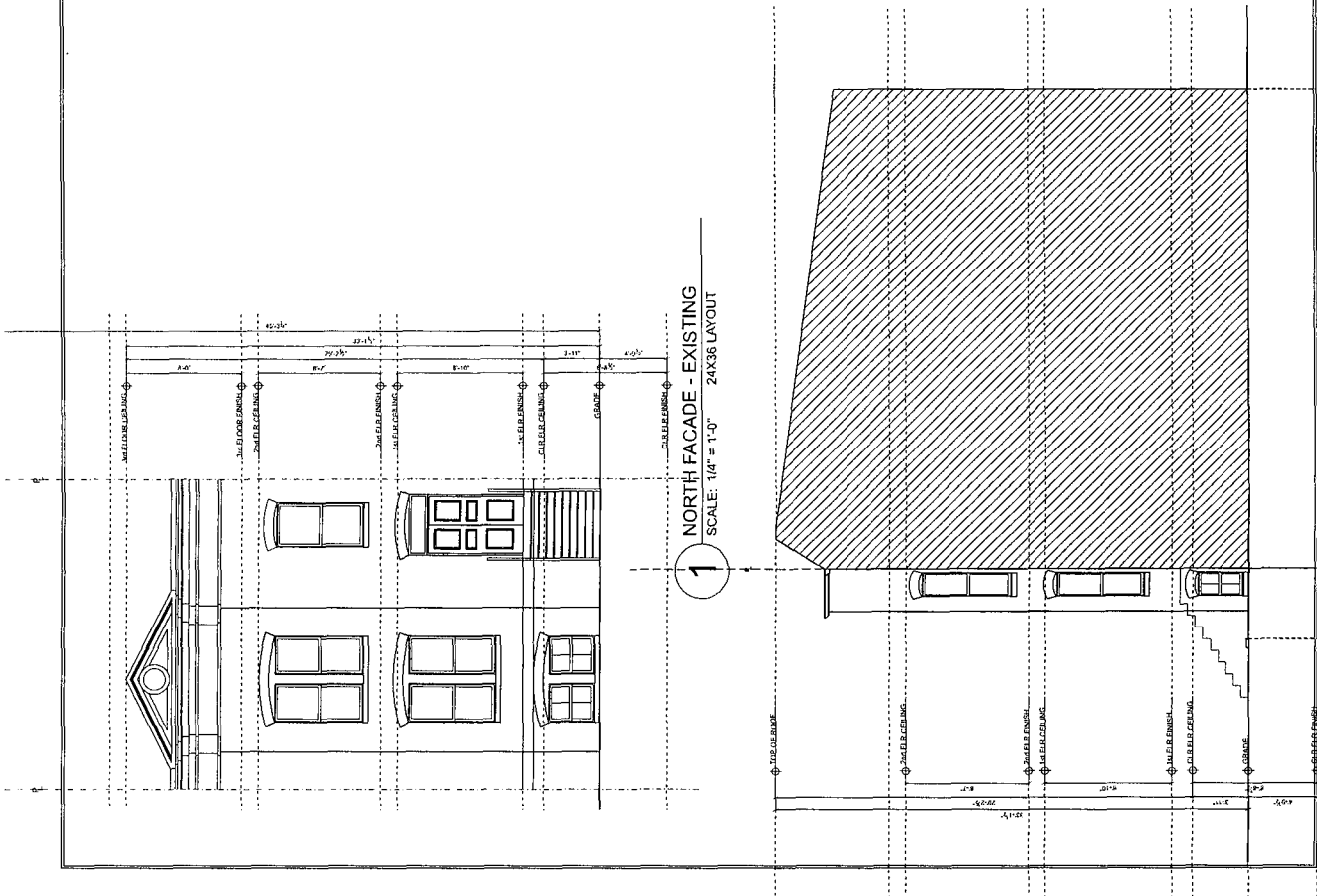
SCALE: AS NOTED
DATE: 02/29/2016
PROJECT NUMBER: 1514 Q

AD0101





2 EAST FACADE - EXISTING
SCALE: 1/4" = 1'-0" 24X36 LAYOUT



3 WEST FACADE - EXISTING
SCALE: 1/4" = 1'-0" 24X36 LAYOUT

KC/DC STUDIOS

ARCHITECTURAL DESIGN - CONSTRUCTION MANAGEMENT
1234 5678 9012 3456 789012 3456789012

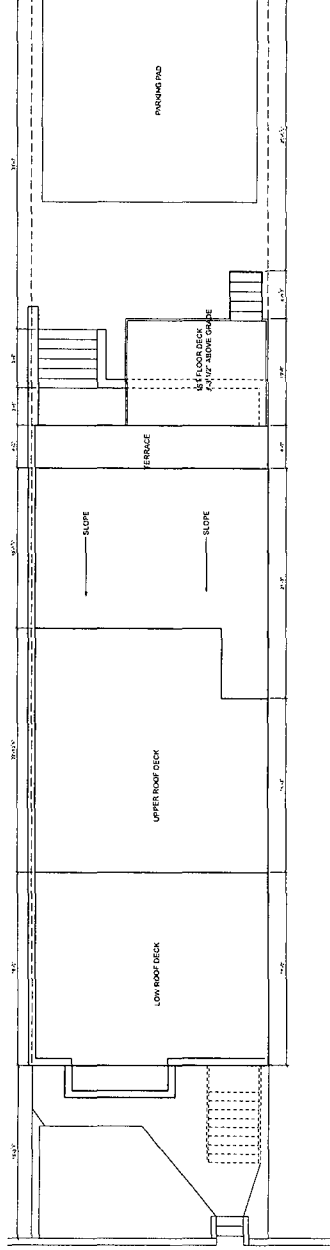
1514 Q STREET, NW

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

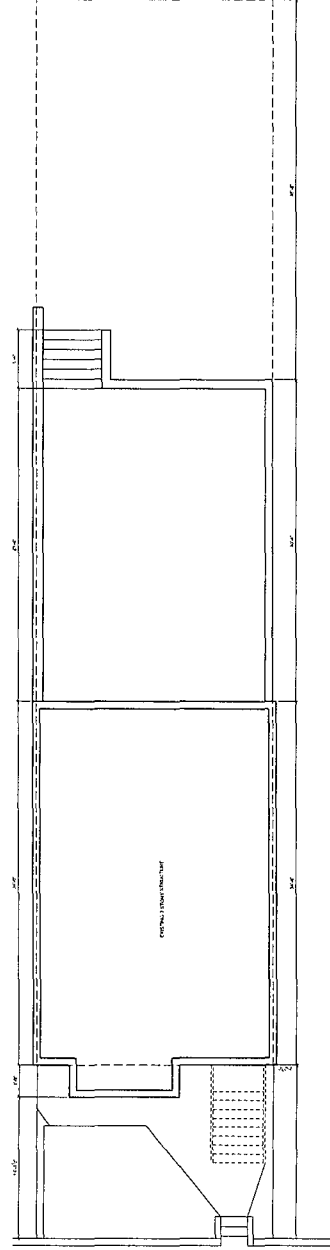


SCALE: AS NOTED
DATE: 02/28/2018
PROJECT NUMBER: 1514 Q

A0100



1 PROPOSED SITE PLAN
SCALE: 1/4" = 1'-0" 24X36 LAYOUT



2 EXISTING SITE PLAN
EXISTING SITE PLAN

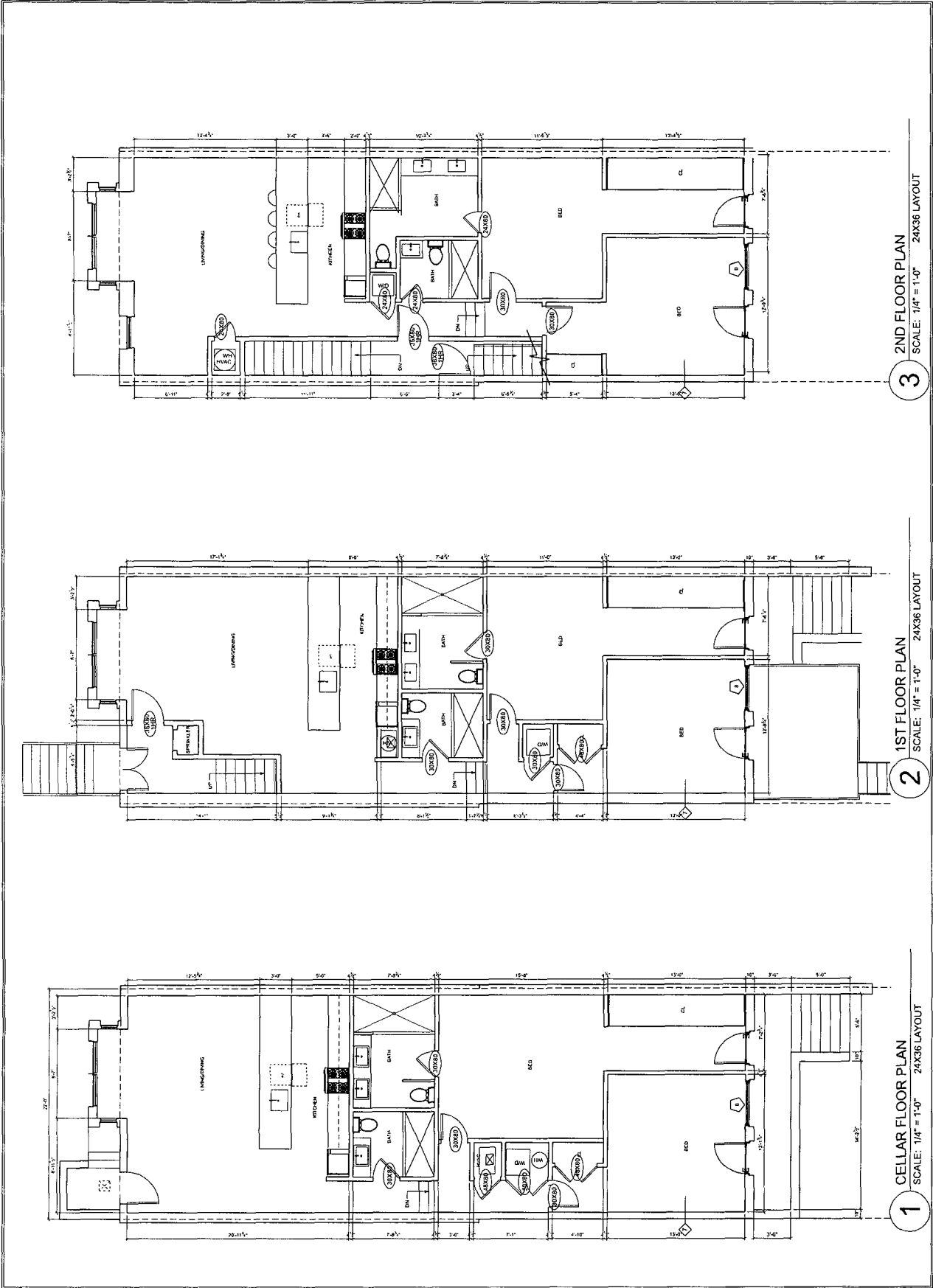
KC/DC STUDIOS
 ARCHITECTURE - design - construction - management
 1000 15TH STREET, NW
 WASHINGTON, DC 20005
 TEL: 202.462.1514

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



SCALE: AS NOTED
 DATE: 02/28/2016
 PROJECT NUMBER: 1514 Q

A0101



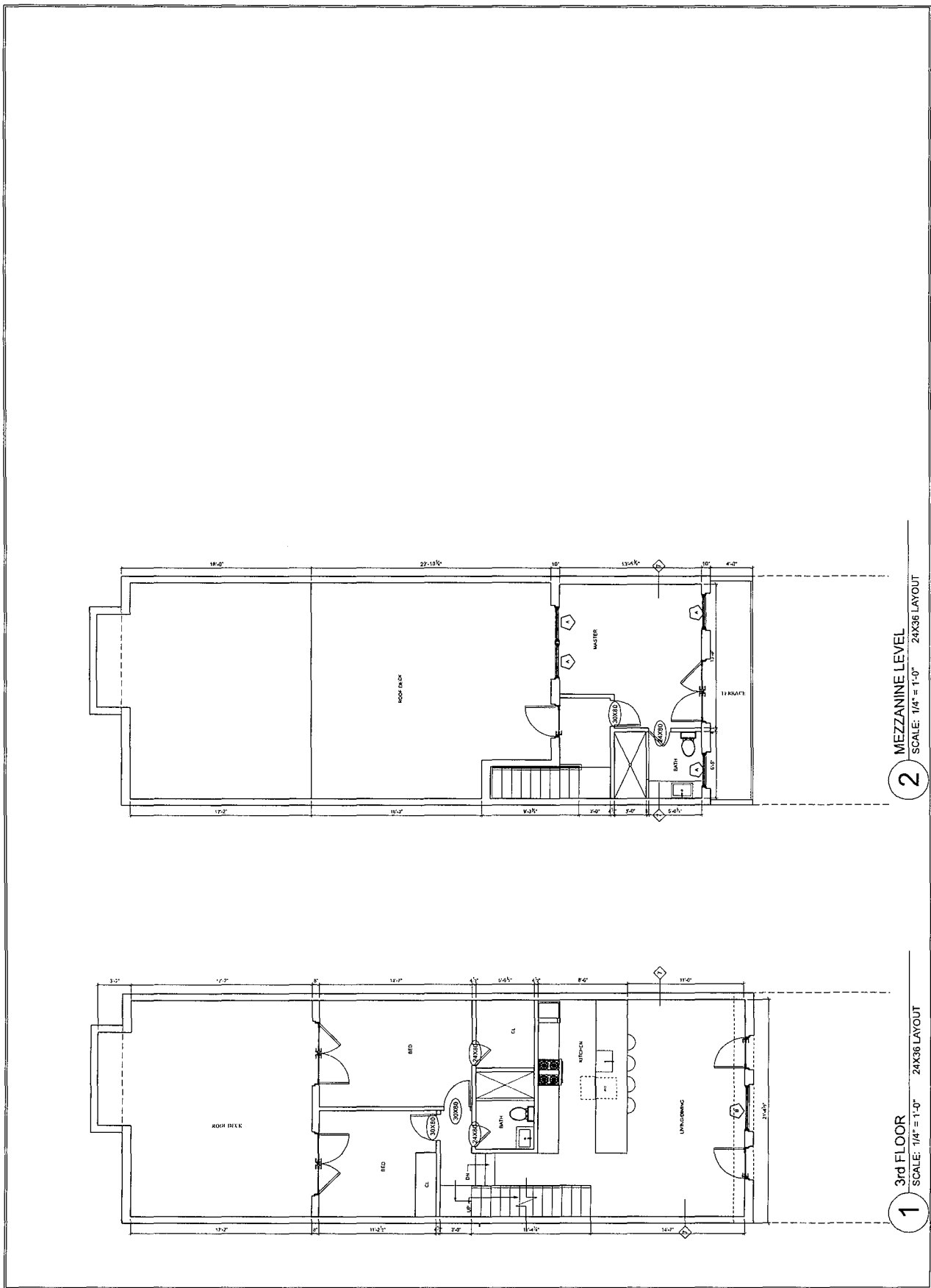
KC/DC STUDIOS
ARCHITECTS - PLANNERS - ENGINEERS - INTERIORS - LANDSCAPE ARCHITECTS
1514 Q STREET, NW
WASHINGTON, DC 20009
LOT:0027 SQUARE:0194

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



SCALE:	AS NOTED
DATE:	02/29/2016
PROJECT NUMBER:	1514 Q

A0102



K/C/D C STUDIOS

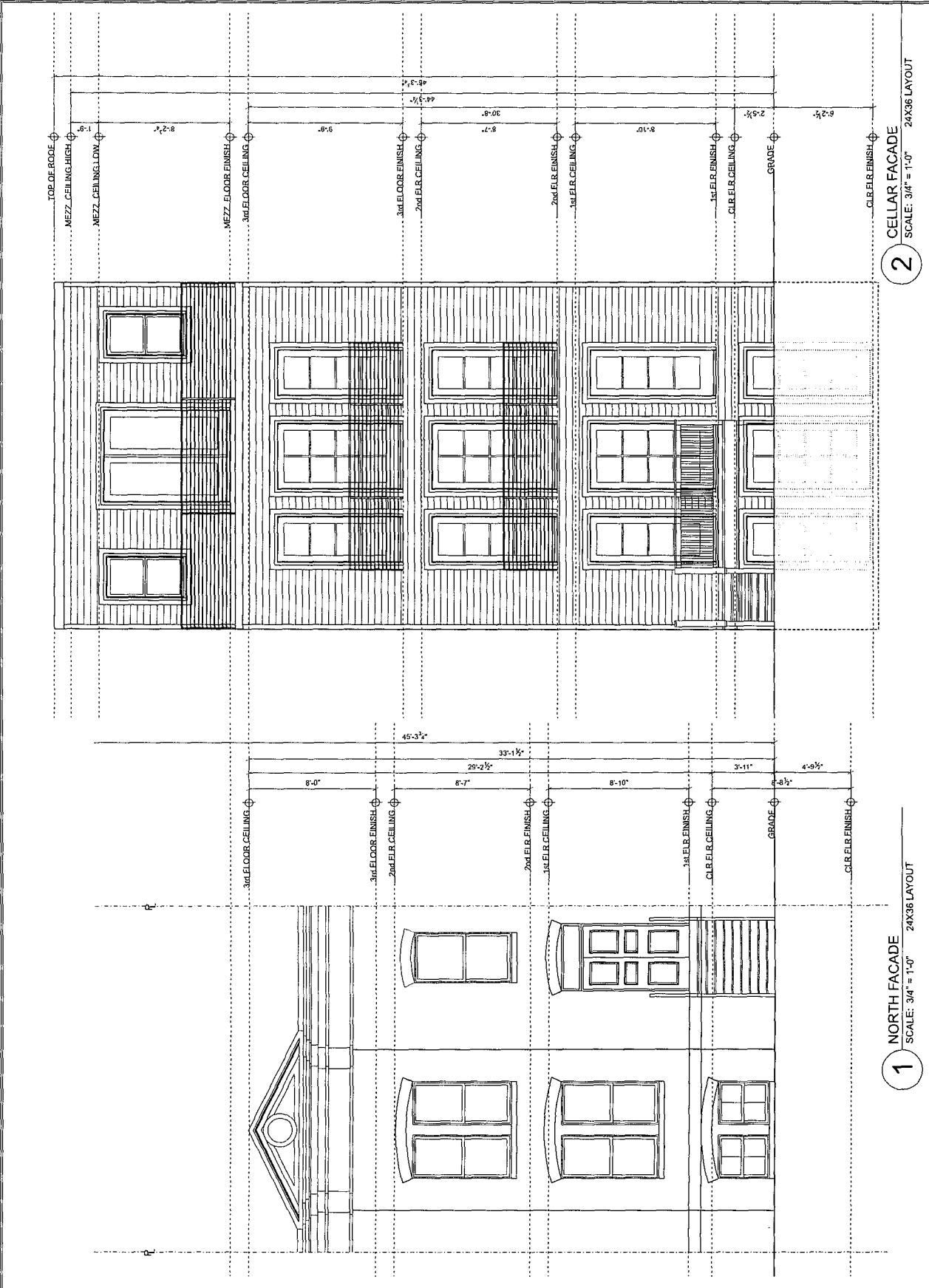
1514 Q STREET, NW

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



SCALE: AS NOTED
DATE: 09/20/16
PROJECT NUMBER: 1514 Q

A0201



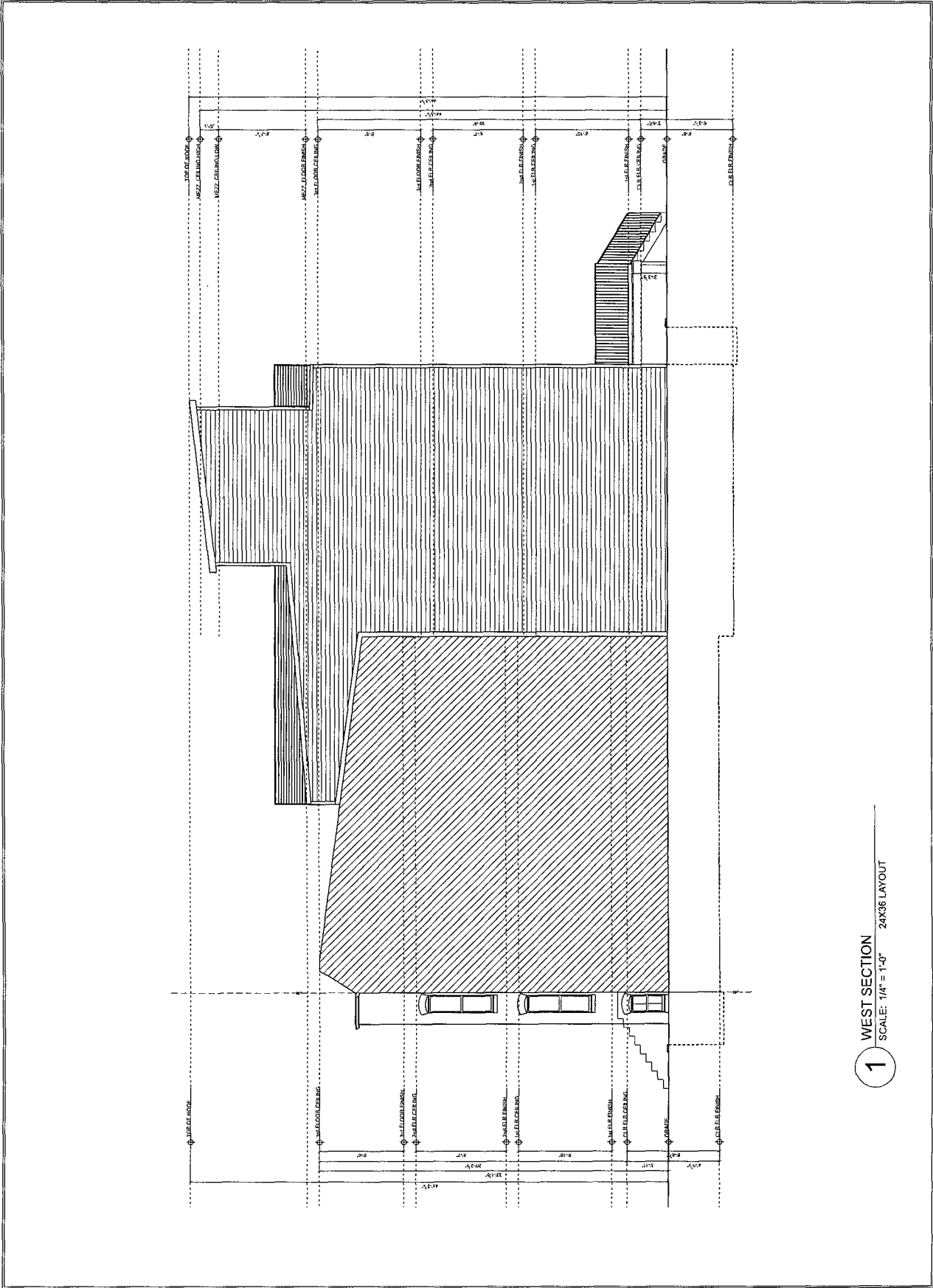
KC/DC STUDIOS
ARCHITECTURE - DESIGN - CONSTRUCTION MANAGEMENT
1015 14TH ST, NW
WASHINGTON, DC 20005

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



SCALE: AS NOTED
DATE: 02/29/2016
PROJECT NUMBER: 1514 Q

A0202



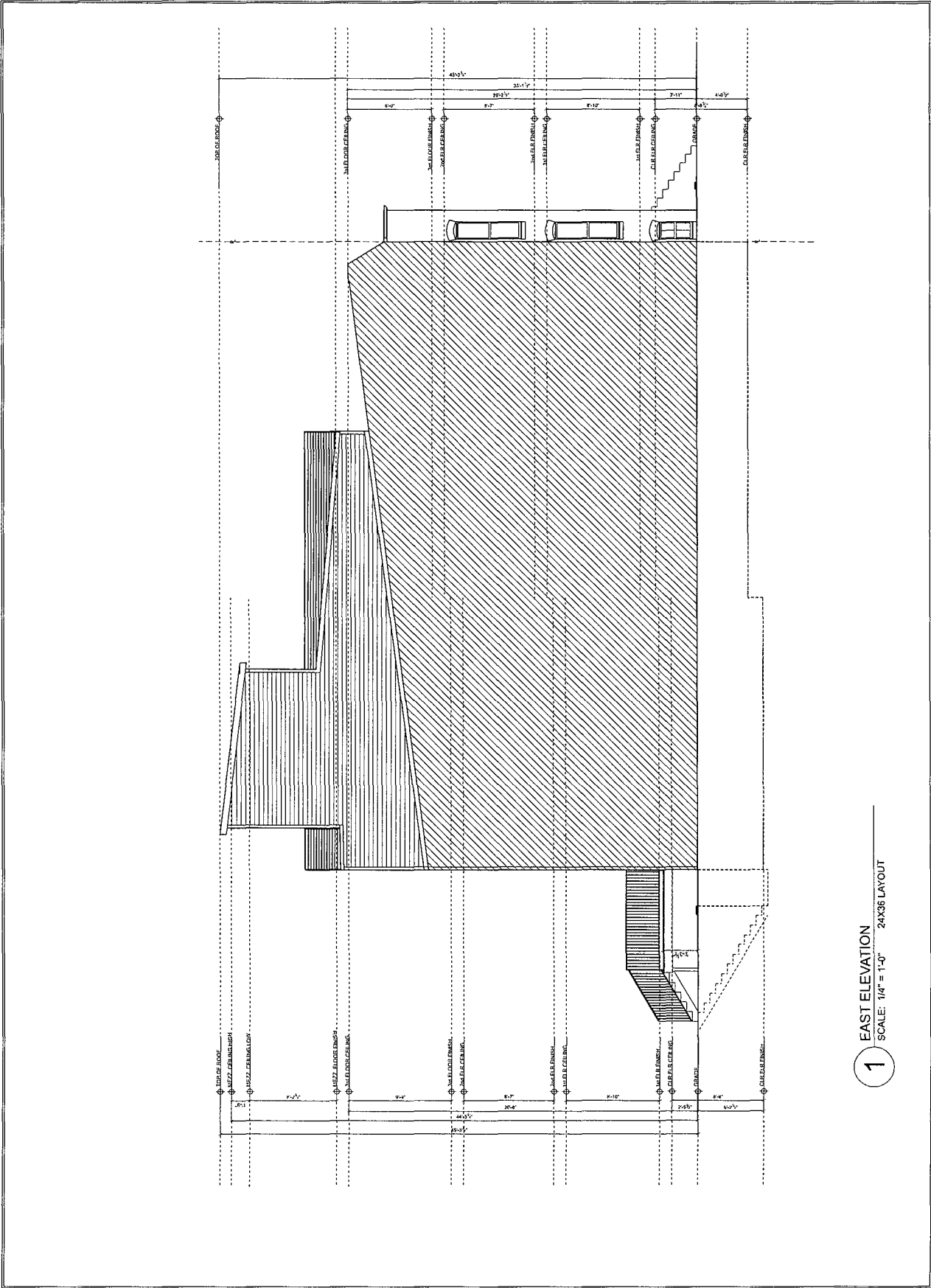
KC/DC STUDIOS
ARCHITECTS
1000 14TH STREET, NW
WASHINGTON, DC 20005
TEL: 202.462.1111
WWW.KC/DCSTUDIOS.COM

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



SCALE: AS NOTED
DATE: 02/28/2018
PROJECT NUMBER: 1514 Q

A0203



1 EAST ELEVATION
SCALE: 1/4" = 1'-0" 24X36 LAYOUT

KC/DC STUDIOS

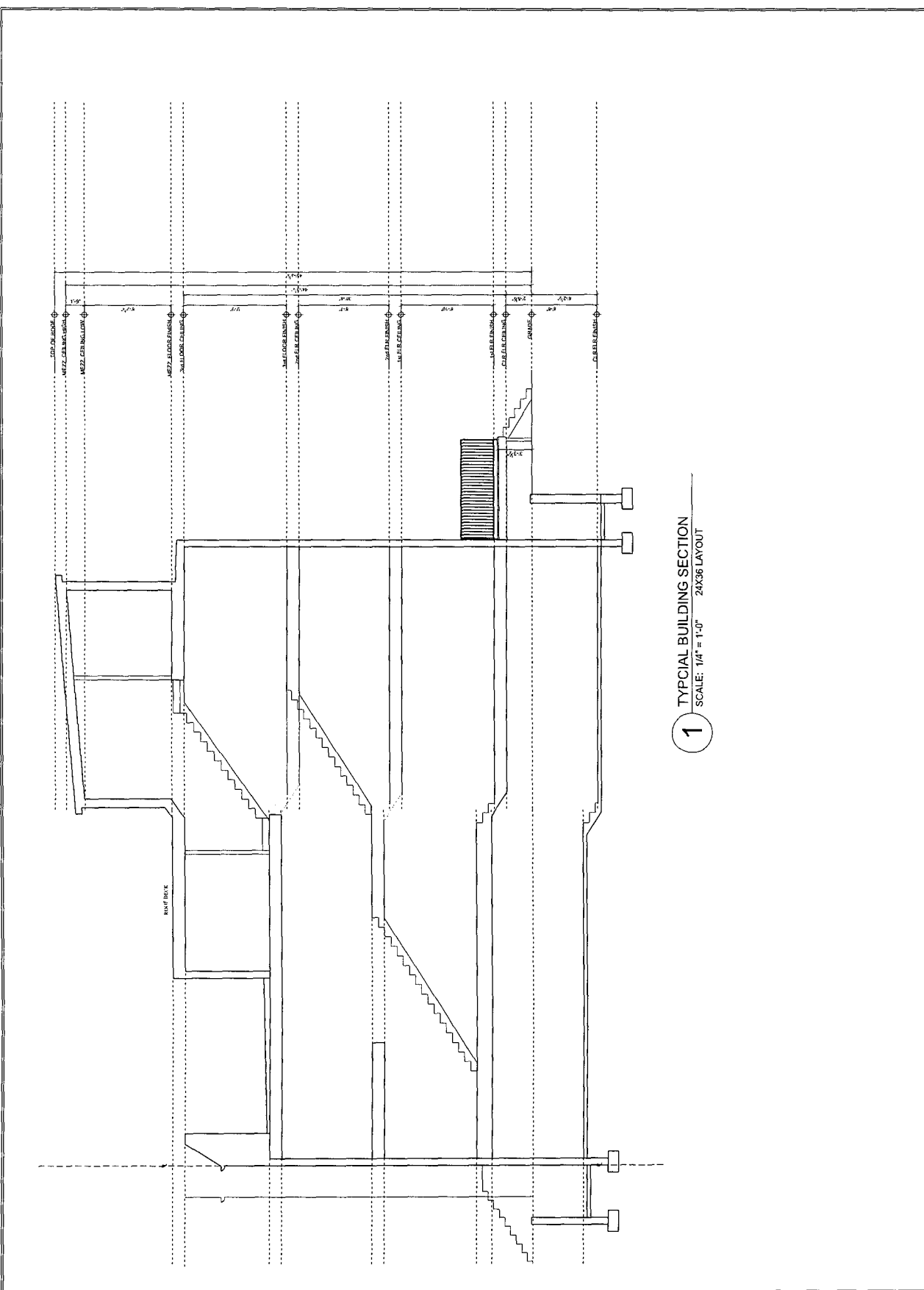
1514 Q STREET, NW
WASHINGTON, DC 20009
LOT: 0027 SQUARE: 0194

1514 Q STREET, NW

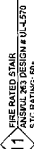


SCALE:	AS NOTED
DATE:	02/28/2016
PROJECT NUMBER:	1514 Q

A0301



1 TYPICAL BUILDING SECTION
SCALE: 1/4" = 1'-0" 24X36 LAYOUT



1 HR RATED ROOF ASSEMBLY
ANSIUL 253 DESIGN # UL-1570



9 DUCT IN RATED CEILING
ANSI/UL 263 DESIGN # UL-L570
STC RATING: 80+

DECK
TPO M
BOND

CONCRETE SLAB
STEEL DECK
 $h = 4$ in.

10
1 HR RATED ROOF ASSEMBLY
ANSI/UL 253 DESIGN # UL-1570
STC RATING: 60+

1514 Q Street, NW
Washington, DC 20009
1514 Q Street, NW
Washington, DC 20009

drafted by
Retrospec

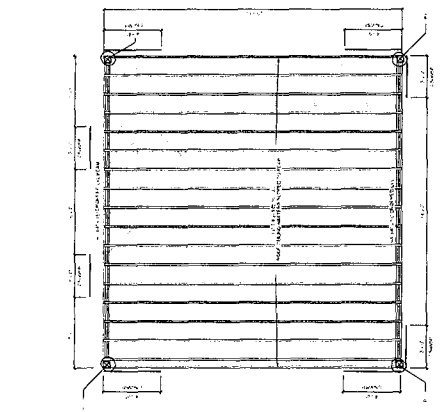
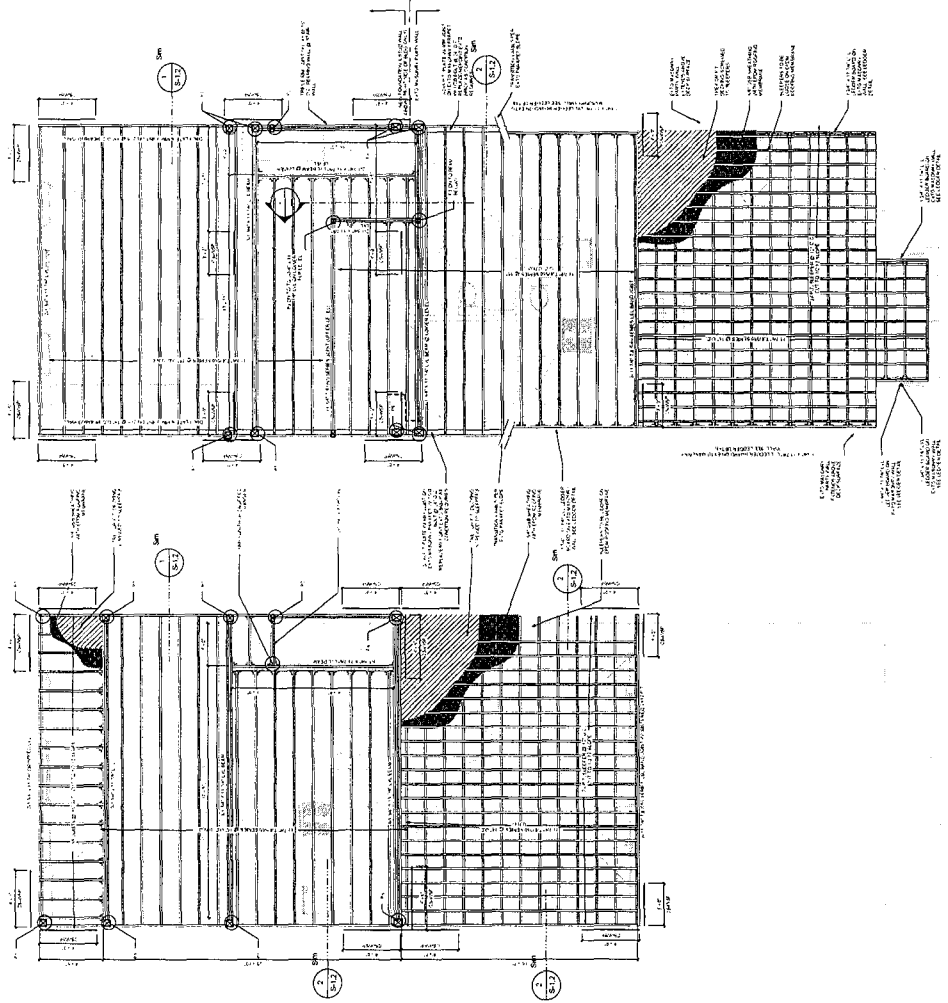
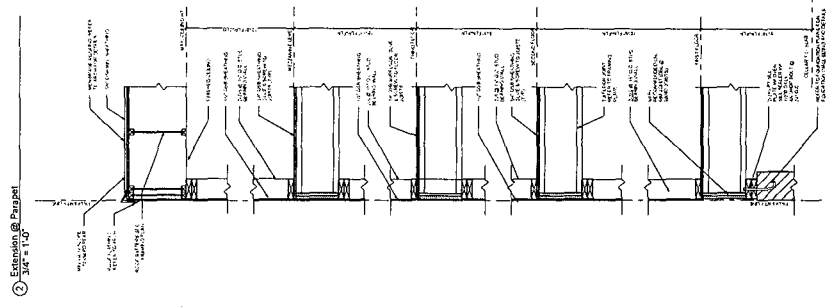
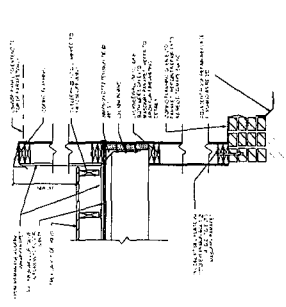


STRUCTURAL ENGINEER
**SYSTEMATIC
ENGINEERING,
LLC**
DESIGNER
**KC DOUGLAS
STUDIO**

Framing Plans & Details
1514 Q Street, NW
Washington, DC 20009
SHEET 001 OF 001
DATE: 08/07/18
BY: KCD
CHECKED: KCD
APPROVED: KCD

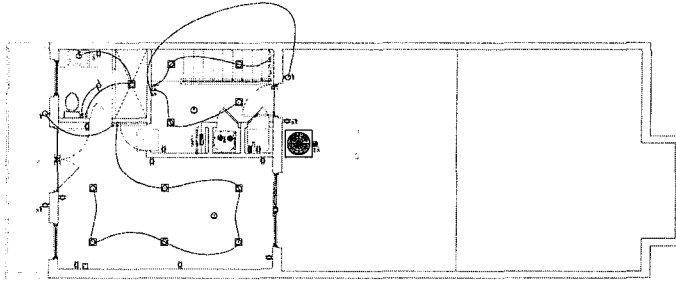
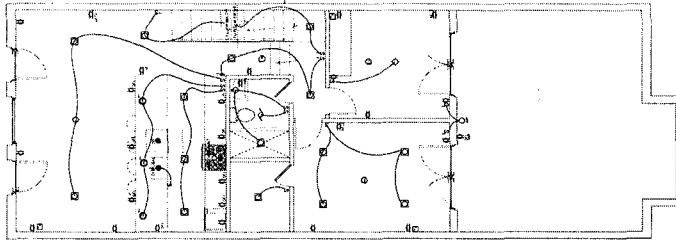
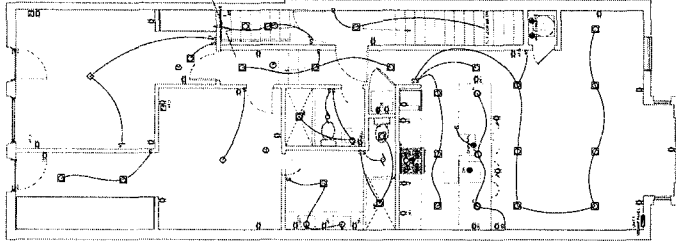
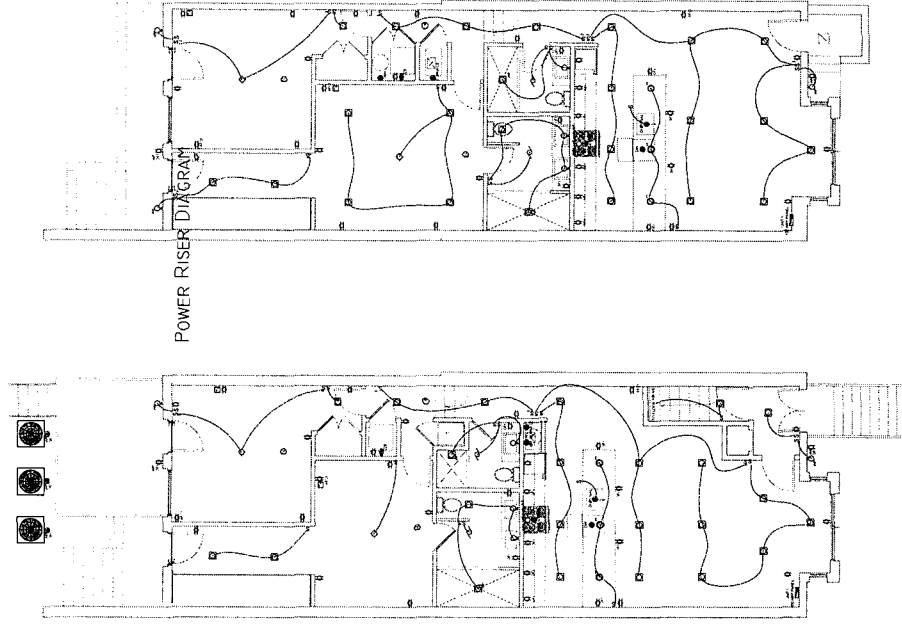
DATE	BY	CHKD	APPD
08/07/18	KCD	KCD	KCD
08/07/18	KCD	KCD	KCD
08/07/18	KCD	KCD	KCD

S-1.2



Third Floor Framing Plan

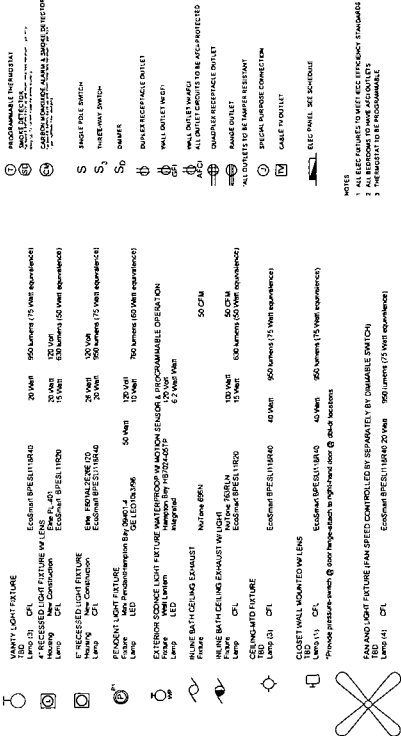
Roof Framing



POWER RISER DIAGRAM

ELEC. LEGEND

ALL LIGHTING FIXTURES AND LAMPS TO MEET 75% EFFICIENCY



FAN AND LIGHT FIXTURE (FAN SPEED CONTROLLED BY SEPARATELY BY DIMMABLE SWITCH)
T6/8

Lamp (4)	CFL	EcoSmart BPSL11SR40 20 Watt	950 lumens (75 Watt equivalence)
----------	-----	-----------------------------	----------------------------------

NOTES

- 1 ALL ELEC FUTURES TO MEET IEC EFFICIENCY STANDARDS
- 2 ALL BEDROOMS TO HAVE A/C OUTLETS
- 3 THERMOSTAT TO BE PROGRAMMABLE

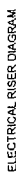
3. THE REQUEST TO BE PROSECUTED

ELECTRICAL CALCULATIONS

72 AMPS X 4 UNIT
TOTAL
= 288 AMPS

TOTAL

= 288 AMPS



MECHANICAL


1. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
2. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
3. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
4. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
5. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
6. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

MECHANICAL


1. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
2. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
3. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
4. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
5. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
6. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

MECHANICAL

1. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
2. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
3. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
4. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
5. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
6. THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING:



DESIGN
FOR DC



WASHINGTON, DC 20009
1514 Q Street, NW

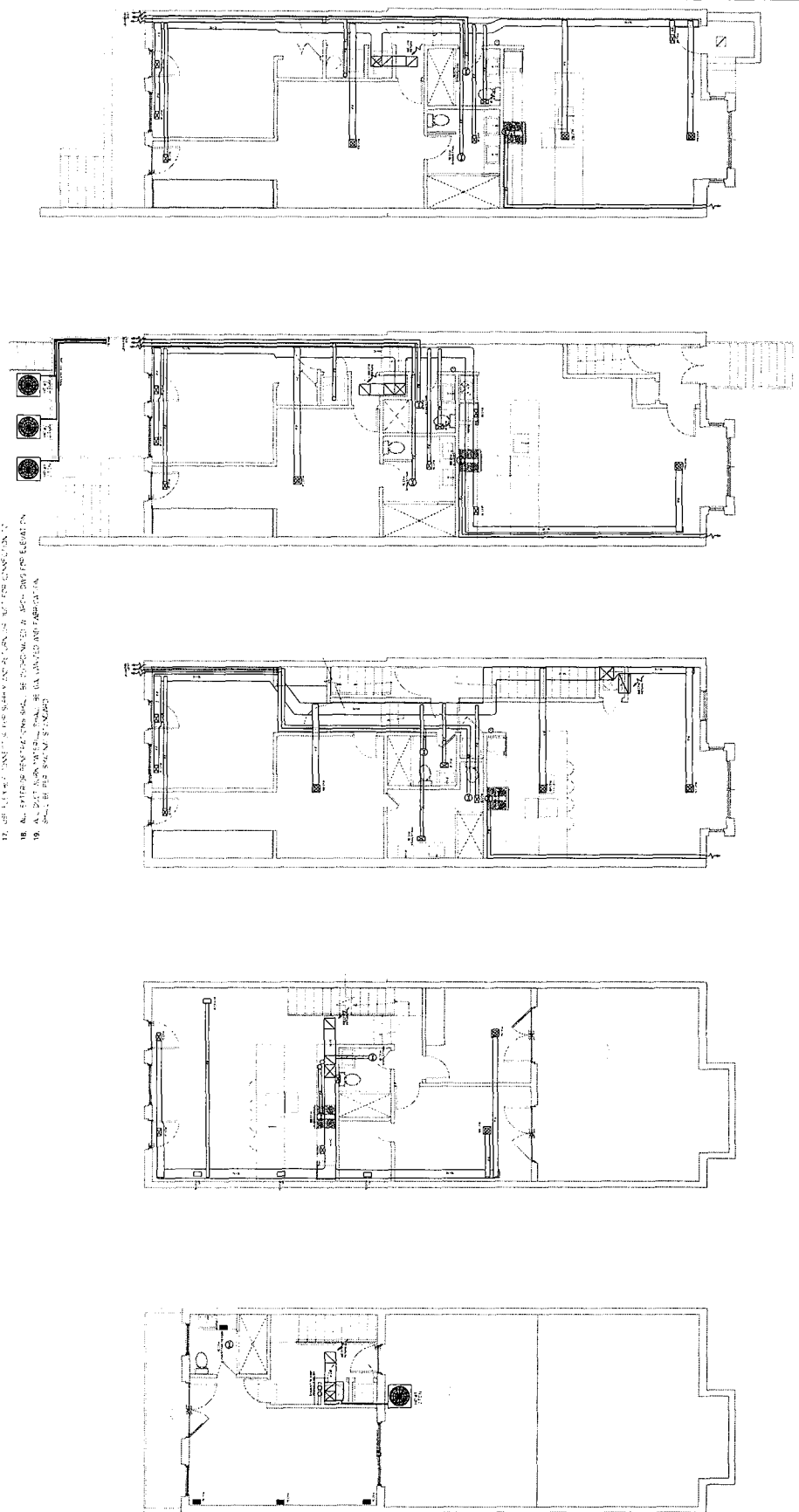
DESIGNER
KC DOUGLAS STUDIO
1803 18th St NW
WASHINGTON, DC 20036

ALL DIMENSIONS ARE WRITTEN MATERIAL
UNLESS OTHERWISE NOTED. THE
UNPAID WORK OF THE DESIGNER
SHALL BE RETURNED TO THE
CLIENT OR DESTROYED WITHOUT THE
WRITING OF THE DESIGNER.

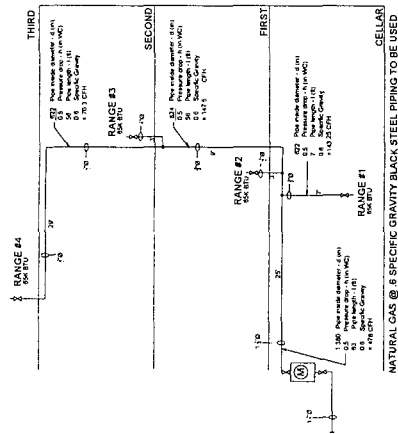
DATE: 10/10/10
SCALE: 3/16" = 1'-0"
SHEET NO. 10

MECHANICAL
PLANS,
NOTES &
DIAGRAMS

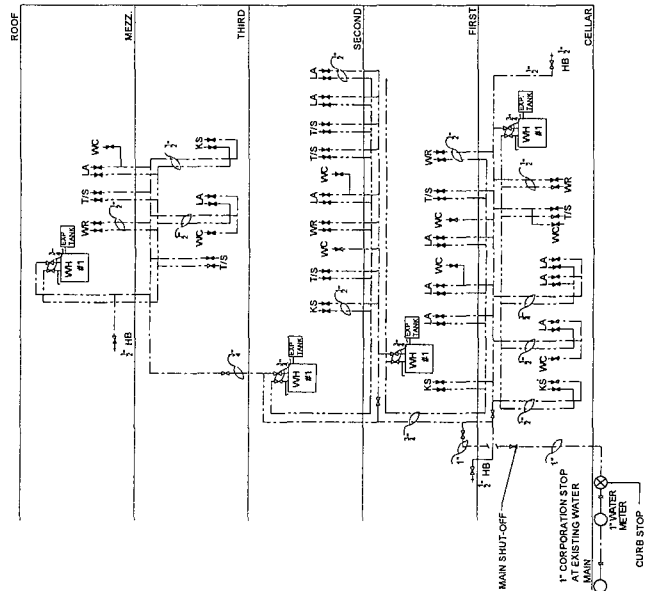
M1



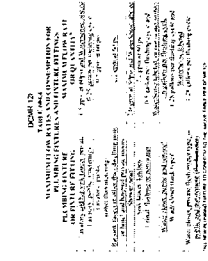
1



GAS RISER DIAGRAM



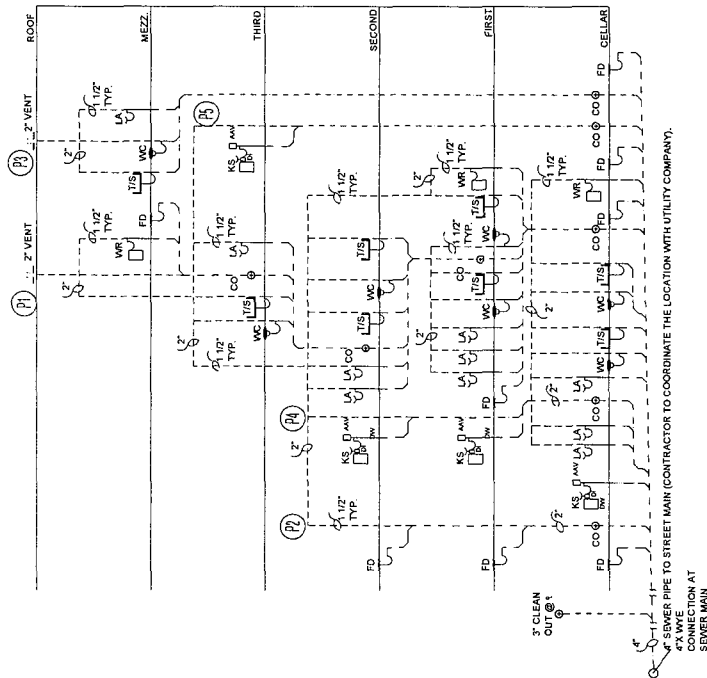
COLD/HOT WATER RISER DIAGRAM



PLUMBING FIXTURE GPM CHART

Per Sealed Volume	Per Length (3)	Counts of the 1000 = 2500					
		10	20	40	60	80	100
34	0.824	272	162	96	61	30	300
1	1.000	550	325	192	111	50	500
1.68	1.000	550	325	192	111	50	500
3.02	1.613	1060	638	380	226	100	1000
2.17	2.096	2.199	1.297	798	482	240	2400
2	2.096	2.199	1.297	798	482	240	2400
3	2.096	2.199	1.297	798	482	240	2400
6.067	4.264	4365	2616	1512	800	400	4000
10.13	7.273	7373	4503	2702	1351	675	6750
15.19	10.906	10906	6754	4052	2026	1013	10130
7.581	4.1832	30000	18000	10800	5400	2700	27000

GAS PIPE SIZING CHART



SANITARY RISER DIAGRAM

SYMBOL	DESCRIPTION	WATER PIPES		DWY PIPES		UNIFORM WEIGHT	STANDARD
		WATER PIPE SIZE	WATER PIPE	DWY PIPE SIZE	DWY PIPE		
	WC Water Closet	2"	2"	2"	2"		
	LA Lavatory	2"	2"	2"	2"		
	TS Bath Tub/Shower	2"	2"	2"	2"		
	KS Kitchen Sink	2"	2"	2"	2"		
	DW Dish Washer	2"	2"	2"	2"		
	WA Washer	2"	2"	2"	2"		
	WH Water Heater	2"	2"	2"	2"		
	FD Floor Drain	2"	2"	2"	2"		
	SB Sump Basin	2"	2"	2"	2"		
	SC Stack Cleanout	2"	2"	2"	2"		
	HR Hot-Radiant	2"	2"	2"	2"		

Water Supply Fixtures Count

Fracture Type	WSFU
Distal femur group	10.8
Knee joint, no distal femur & proximal	2.8
Cephalic femur	1.1
Total	15

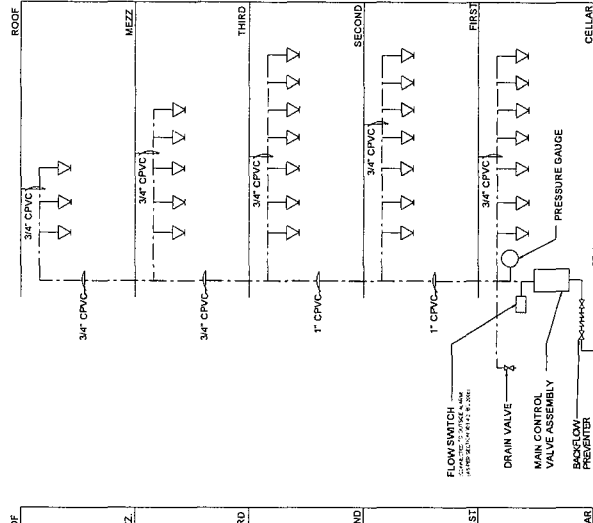
For WSFU 15, the sample system consisted of 1.5 kg of steel, 1.5 kg of concrete, and 1.5 kg of epoxy. The combined static load was 4.5 kN, which was lower than the loading in R19c.

Drainage Fixtures Count

Failure Type	DFU
Software group	16
Karlheim Software Development & Upgrade	2
Planet Ocean	2
Chelonia Waikiki	2
Total	22

Proposed 1-12 survey for first listed above

FIXTURE PLUMBING SPECIFICATIONS



SPRINKLER RISER DIAGRAM

NOTE: THE SPRINKLER SYSTEM, MATERIALS USED, AND METHODS OF INSTALLATION FOR THIS MULTI-FAMILY RESIDENTIAL DWELLING SHALL BE AS PER THE PROVISIONS OF NFPA 13A, INCLUDING, BUT NOT LIMITED TO, THE REQUIREMENTS FOR THE CHLORINATED POLYVINYL CHLORIDE (CPVC) BE COMPLIANT WITH ASTM F442 AS SPECIFIED IN TABLE 5.2.2.2. THE MATERIALS SHALL CONFORM TO TABLE 5.2.2.3 OF NFPA 13A.

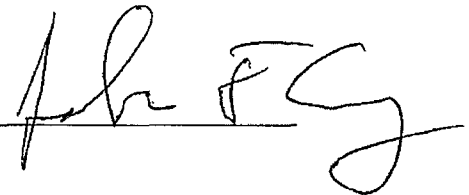
- THE SYSTEM SHALL BE DESIGNED AS A WET PIPE SYSTEM.
- THE RESPONSIBLE SPRINKLERS SHALL BE USED.
- THE SYSTEM SHOULD CONSIST OF A BACKFLOW PREVENTION DEVICE AS PER NFPA 130 6.3.3.2

Exhibit B

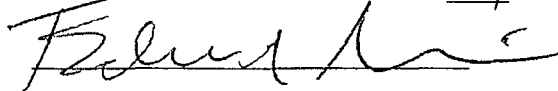
AFFIDAVIT OF JOHN CASEY
AUTHENTICATING ATTACHED PHOTOS

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.

Date: 2/27/16

Signature: 

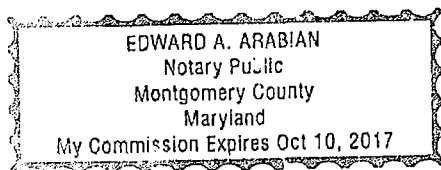
Subscribed and sworn to me this 27 date of FEBRUARY 2016.



(Signature)

My commission expires on: 10-10-2017

Seal:



Mock-up of Ceiling

Measurement between the adjacent finished grade and the ceiling is 3' - 11"

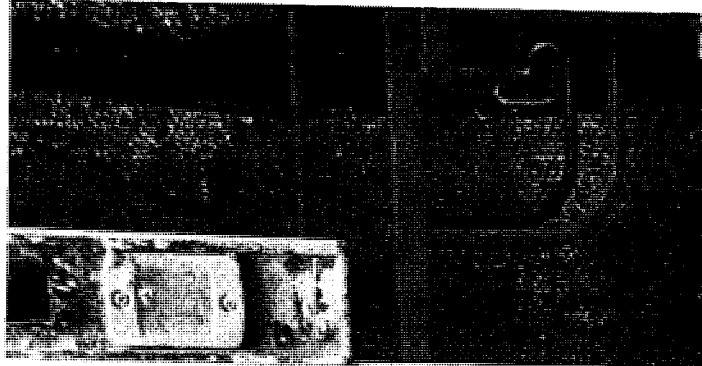
JELD-WEN
WINDOWS & DOORS

JW
JELD-WEN
WINDOWS & DOORS

Adjacent Finished Grade

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





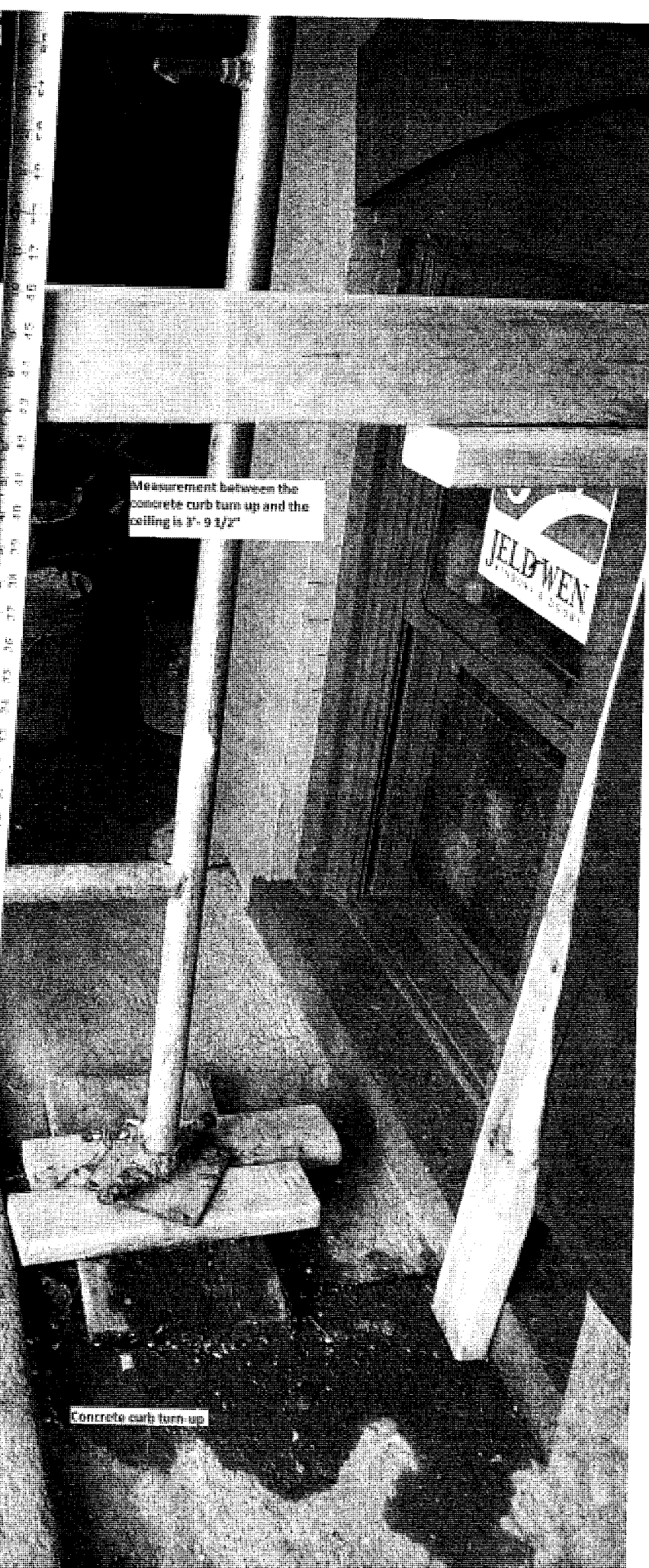
Mock-up of ceiling

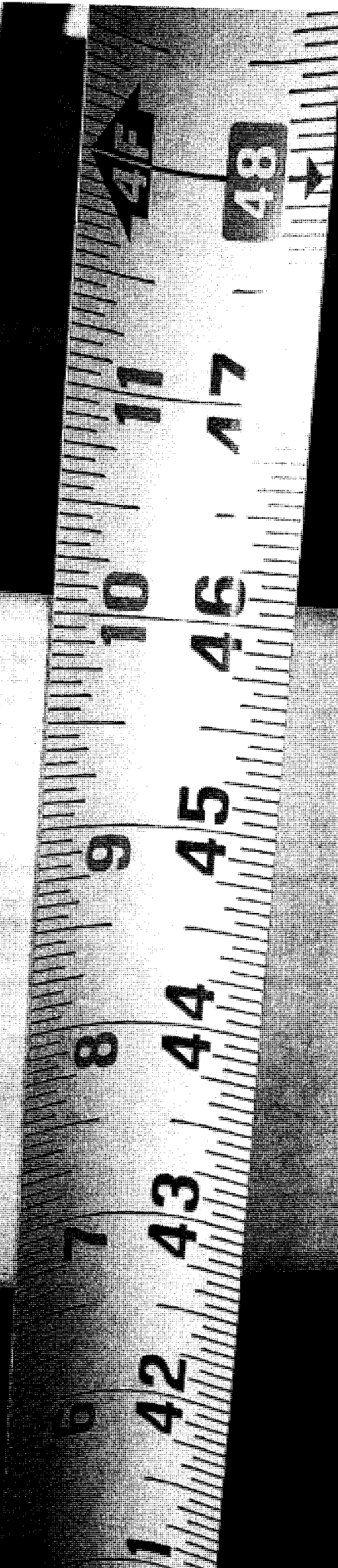


Measurement between the concrete curb turn up and the ceiling is 8'-9 1/2"



Concrete curb turn-up





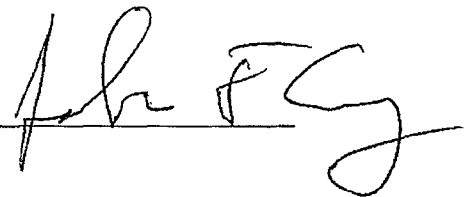
Close up showing measurement
dimension of 3' - 9 1/2"

Exhibit B

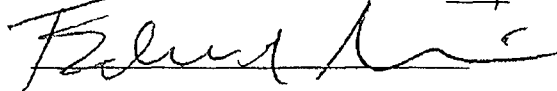
AFFIDAVIT OF JOHN CASEY
AUTHENTICATING ATTACHED PHOTOS

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.

Date: 2/27/16

Signature: 

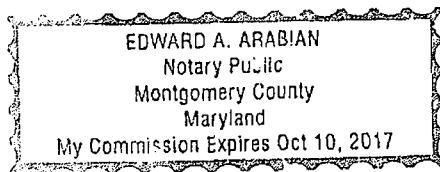
Subscribed and sworn to me this 27 date of FEBRUARY 2016.



(Signature)

My commission expires on: 10-10-2017

Seal:





Mark-up of Ceiling

Measurement between the adjacent finished grade and the ceiling is 8' - 11"

JELD-WEN
WINDOWS & DOORS

JW
JELD-WEN
WINDOWS & DOORS

Adjacent Finished Grade

Close up showing measurement
dimension of 5' - 11" at ceiling

5 41 6 42 7 43 8 44 9 45 10 46 11 47 12 48



Mock-up of ceiling

Measurement between the
concrete curb turn up and the
ceiling is 5'-9 1/2"

Concrete curb turn-up

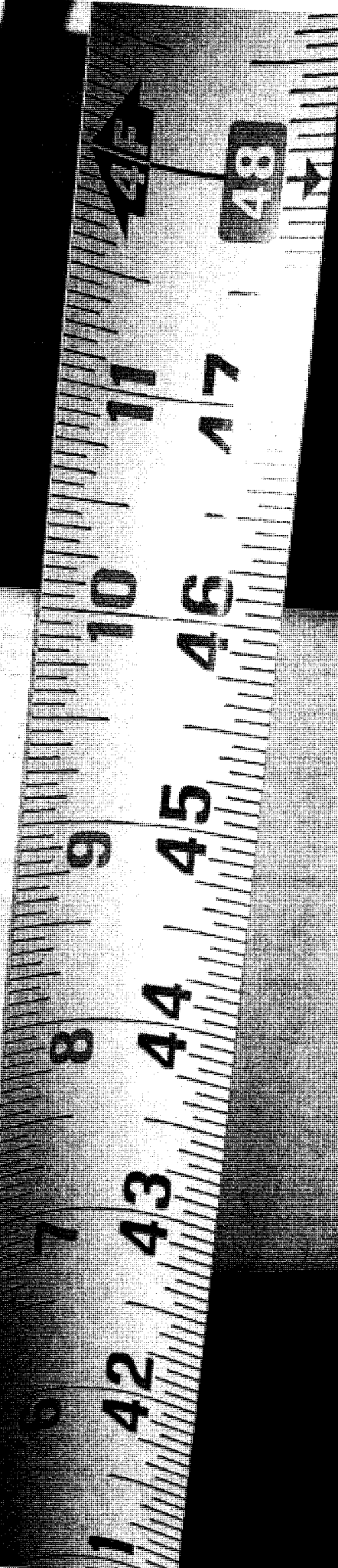


Exhibit C

1514 QST NW

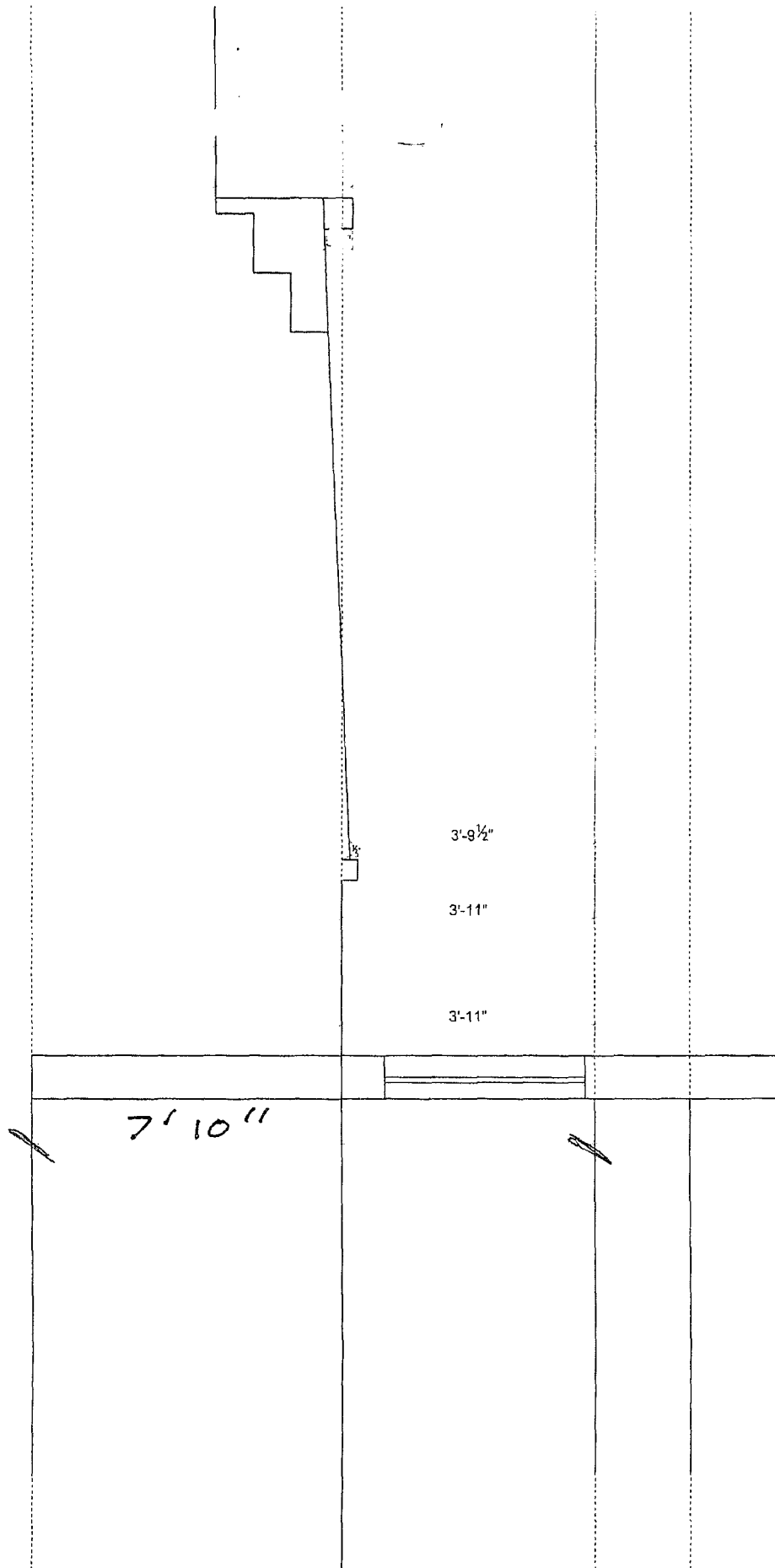


Exhibit D

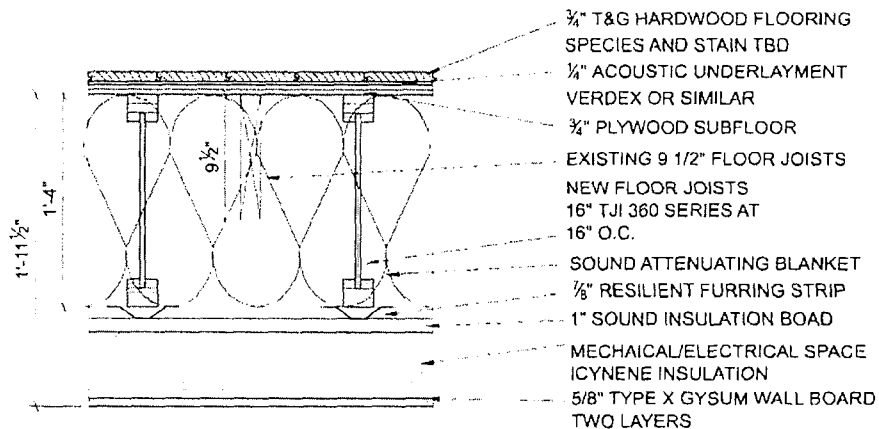
ATTACHED FILES

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 1/2" 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 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 above floor makeup provides this as well as providing an electrical/mechanical area that allows for the continuous 1 hr fire rating to be maintained.

Should you require further information or clarification please do not hesitate in contacting me.

Sincerely,

KC Pllice

AYS ENGINEERS, PLC

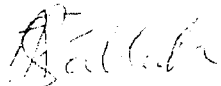
8837 Western Hemlock Way, Lorton, VA 22079
Tel: 301-906-5601 Fax: 703-646-5779
Email: a.sallah@aysengineers.com

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 1/2" 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

