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To: Mr. Charlie Hall, CCEO
 Cc: Inspectors and Code Enforcement
 From: Yang [Angela] Fu and Ernest Schleicher
 Re: The main work is done and I have included the requested x, y, z information
 January 2, 2024

00037

Dear Mr. Charlie Hall,
 Sorry to keep you waiting for this X, Y, Z.

Recent conversations with building inspectors and code enforcement have caused me to add additional ceiling lights to satisfy the building code, as described in the load balancing worksheet that you folks kindly provided. I have also provided scaling (1/36) information.

I have included image maps of the attic handy box locations (numbered) and all have covers and extra holes sealed. I will be adding a light switch and a duplex to the attic within a day or two. We do have lights there, powered by an extension cord, if you guys show up before I get the light switch installed.

I eventually intend to match each handy box to a circuit breaker, and to eventually be able to show the path from circuit panel to each device listed.

I certify that this is my best effort, and that we have spared no expense to do it, and redo it, to achieve the quality and professional integrity that you are expecting (and that future home owners are hoping for).

Continuous improvement is ongoing, daily.
 :)

Compared to last November–December, this year we consumed 50% less thermal units in the same period. R-15 insulation, 5/8-in fireguard (purple) sheet rock, 10 AWG wire throughout.

Thank you and Happy New Years,
 Ernest and Angela



CART STORAGE

Garbage, recycling, and organics carts must always be hidden from public view, except on collection days. If sufficient garage space is not available, residents must have unrestricted access to the same amount of exterior storage in the side or back yards so that the carts remain hidden from public view.

(FMC 8.40)

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Lori Marra

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Construction and Demolition Hauling Requirements: REPUBLIC SERVICES IS THE ONLY APPROVED DUMPSTER HAULER IN FREMONT
 There are only TWO options to remove demolition and construction debris from a jobsite.

1. If a dumpster service is needed for construction and demolition debris removal, it must be through REPUBLIC SERVICES in Fremont. No other company is authorized to collect or transport construction debris and trash in a dumpster.
**There is only one exception: dumpsters containing only clean separated loads of soil, concrete or asphalt may be hauled by others.*

To order a dumpster through Republic Services: call (510) 657-3500
 or visit <https://www.republicservices.com/municipality/fremont-ca>

2. Alternately, the contractor or subcontractor may SELF-HAUL and remove construction and demolition debris from the jobsite, as an incidental part of a total construction service offered by that contractor. The contractor must use their own equipment, vehicles and employees. Hiring a third-party hauler is not permitted.

Failure to comply with these provisions or other applicable sections of the Fremont Municipal Code
 (§8.40- Solid Waste, Recyclables and Organics Management Ordinance) may result in penalties.

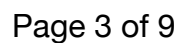
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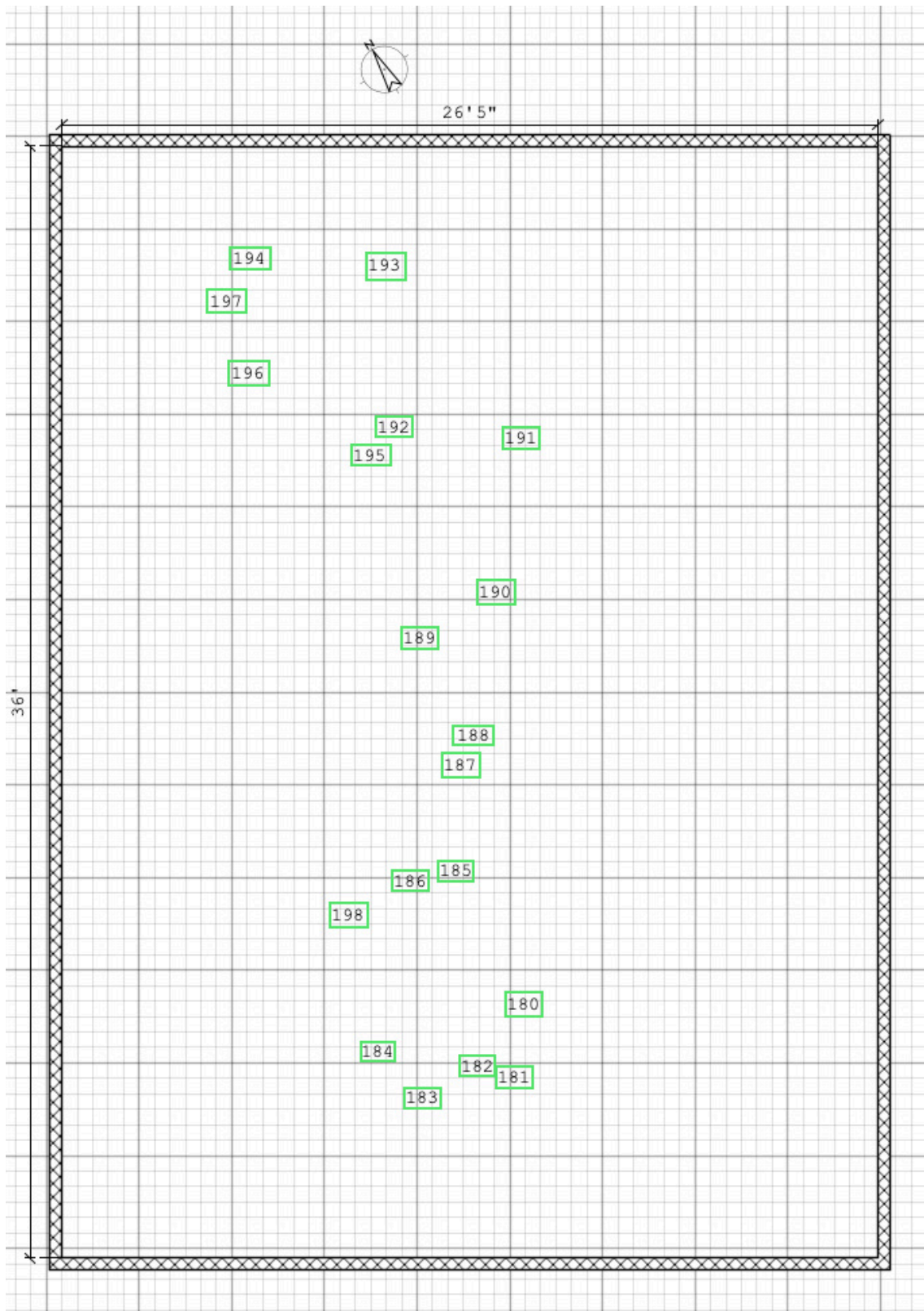
Lori Marra

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4431 Amador := Attic



4431 Amador := Kitchen Devices

id	description	room	x	y	z
1	switch	kitchen	on west wall	3-ft 8-in FN	3-ft 7 1/16-in FF
2	GFCI	kitchen	on west wall	3-ft 3/8-in FN	3-ft 7 1/2-in FF
3	duplex	kitchen	3-ft 5-in FW	3-ft 3 15/16 FN	4-ft 7/8-in FF
4	gas valve	kitchen	6-ft 5 1/16-in FW	on north wall	3-ft 3/8-in FF
5	2-duplex	kitchen	7-ft 5 7/8-in FW	on north wall	4-ft 1 3/8-in FF
6	duplex WP	kitchen	11 1/8-in FW	on south wall	13-in FF
7	duplex WP	kitchen	on west wall	2-in FS	12-in FF
8	HB WP	kitchen	on west wall	4-in FS	11-in FF
9	HB WP	kitchen	on west wall	8-in FS	11-in FF
10	HB WP	kitchen	on west wall	12-in FS	11-in FF
11	HB WP	kitchen	11 5/8-in	on north wall	1ft-3-in FF
12	HB	kitchen	on west wall	4 1/2-in FS	7-in FF
13	HB	kitchen	on west wall	8-in FS	11-in FF
14	HB	kitchen	9-ft 9-in FW	7 5/8-in FS	4-ft 4 5/8-in FF
15	GFCI	kitchen	9-ft 9-in FW	5-in FS	2-ft 5 3/4-in FF
16	duplex	kitchen	5-ft 9 3/8-in FW	on south wall	4-ft 8 1/2-in FF
17	SEH	kitchen	4-ft 7-in FE	on south wall	7-ft 2 1/2-in FF
18	duplex	kitchen	3-ft 3 3/8-in FW	on south wall	4-ft 8 1/2-in FF
19	light	kitchen	1-ft 1 1/8-in FW	6-ft 6 1/8-in FN	on ceiling
20	light	kitchen	4-ft 7 7/8-in FW	6-ft 7 5/8-in FN	on ceiling
21	light	kitchen	4-ft 9-in FW	2-ft 9-in FN	on ceiling

(21 rows)

4431 Amador := Dining Room Devices

id	description	room	x	y	z
22	light	dining	12-ft 3 1/4-in FW	6-ft 8-in FN	on ceiling
23	light	dining	12-ft 1 7/8-in FW	2-ft 8 1/4-in FN	on ceiling
24	light	dining	20-ft 1 1/3-in FW	2-ft 8-in FN	on ceiling
25	light	dining	20-ft 5-in FW	7-ft FN	on ceiling
26	light	dining	9-ft FW	14-ft 7 5/8-in FN	on ceiling
27	light	dining	1-ft 5 5/8-in FW	15-ft 1 5/8-in FN	on ceiling
28	light	dining	1-ft 6 1/2-in FW	26-ft 1 3/8-in FN	on ceiling
29	duplex	dining	12-ft 10 3/8-in FW	on north wall	2-ft 9 1/4-in FF
30	duplex	dining	20-ft 5-in FW	on north wall	1-ft 3 1/4-in FF
31	duplex	dining	20-ft 11-in FW	on north wall	1-ft 3 1/4-in FF
32	register	dining	1-ft 5 3/8-in FE	on north wall	1-ft 9 1/8-in FF
33	HB	dining	on east wall	1-ft 7 3/4-in FN	1-ft 3 3/4-in FF
34	duplex	dining	on east wall	15-ft 2 3/8-in FN	1-ft 3 3/8-in FF
35	HB	dining	on east wall	16-ft 1 1/8-in FN	1-ft 3 3/4-in FF
36	HB	dining	on west wall	9-ft 2 1/4-in FN	6-ft 5 5/8-in FF
37	HB	dining	on west wall	9-ft 5 1/4-in FN	5-ft 7 5/8-in FF
38	HB	dining	on west wall	8-ft 10 3/8-in FN	5-ft 9-in FF
39	switch	dining	on west wall	9-ft 2 1/8-in FN	3-ft 9 7/8-in FF
40	switch	dining	on west wall	8-ft 10-in FN	3-ft 11-in FF

(19 rows)

4431 Amador := Upper and Lower Landing

id	description	room	x	y	z
41	HB	landing	8-ft 6 3/4-in FE	on south wall	3-ft 10 1/2-in FF
42	thermostat	landing	on east wall	25-ft 4 3/8-in FN	4-ft 11 1/2-in FF
43	2duplex	landing	on east wall	25-ft 1 3/4-in FN	1-ft 3 5/8-in FF
44	HB	landing	on east wall	25-ft 1 3/4-in FN	6-in FF
80	switch	landing	13-ft 1 1/8-in FW	on south wall	3-ft 10 1/4-in FF
81	light	landing	2-ft 3 7/8-in	2-ft 3/4-in FN	6-ft 10 1/8-in FF

(6 rows)

4431 Amador := Mama's Bedroom Devices

id	description	room	x	y	z
45	heater (8A)	mamas	3-ft 4 3/8-in FE	on north wall	1-ft 2 1/4-in FF
46	HB	mamas	on east wall	1-ft 2 1/8-in FN	2-ft 3-in FF
47	duplex	mamas	on east wall	5-ft 10 3/8-in FN	1-ft 4 3/8-in FF
48	duplex	mamas	4-ft 2 1/8-in	on south wall	1-ft 4 5/8-in FF
49	HB	mamas	on west wall	4-ft 4 1/4-in FN	4-ft 6 5/8-in FF
50	switch	mamas	on west wall	4-ft 3 1/4-in FN	3-ft 7 1/2-in FF
51	light	mamas	5-ft 1/4-in	5 10 1/2-in FN	on ceiling

(7 rows)

4431 Amador := Upstairs Bathroom Devices

id	description	room	x	y	z
52	switch	bathtub	1-ft 8 1/8-in	on north wall	3-ft 9 7/8-in FF
53	GFCI	bathtub	1-ft 6 1/4-in	on north wall	3-ft 10 1/4-in FF
54	light	bathtub	2-ft 5 1/2-in	2-ft 4 7/8-in FN	on ceiling
55	light	bathtub	3-ft 2 1/4-in	1-ft 10 1/4-in FN	on ceiling

(4 rows)

4431 Amador := Papa's Bedroom Devices

id	description	room	x	y	z
56	switch	papas	on east wall	7-ft 1 1/2-in FS	4-ft 1/2-in FF
57	HB	papas	on east wall	2-ft 11 1/4-in FS	3-ft 1/2-in FF
58	duplex	papas	on east wall	2-ft 10 1/8-in FS	1-ft 5 1/8-in FF
59	HB	papas	4-ft 1 7/8-in	on south wall	5-ft 8 1/8-in FF
60	duplex	papas	3-ft 9 3/8	on south wall	1-ft 5 5/8-in FF
61	duplex	papas	on west wall	7-ft 2 1/4-in FN	1-ft 6 1/8-in FF
62	heater (8A)	papas	2-ft 3/8-in	on north wall	11 1/2-in FF
63	light	papas	4-ft 8 3/8-in	5-ft 8 1/8-in FS	1-ft 6 1/2-in FF

(8 rows)

4431 Amador := Primary (Green) Bedroom Devices

id	description	room	x	y	z
64	duplex	pbr	4-ft 4 3/8-in	on north wall	1-ft 6 1/4-in FF
65	HB	pbr	4-ft 3 1/2-in	on north wall	8 5/8-in FF
66	duplex	pbr	on east wall	4-ft 2 5/8-in FN	1-ft 5 7/8-in FF
67	HB	pbr	on east wall	4-ft 6 5/8-in FN	8-in FF
68	switch	pbr	on east wall	8-ft 3 7/8-in FN	3-ft 10 1/8-in FF
69	duplex	pbr	3-ft 7 3/8-in	on south wall	5-in FF
70	HB	pbr	3-ft 6 1/4-in	on south wall	1-ft 5 1/4-in FF
71	duplex	pbr	on west wall	6-ft 7 1/4-in FN	1-ft 5 7/8-in FF
72	light	pbr	2-ft 7-in FE	7-ft 9 1/4-in FN	on floor

(9 rows)

4431 Amador := Vestibule Devices

id	description	room	x	y	z
73	HB	foyer	on east wall	5-ft 4 5/8-in FS	12-ft 3-in FF
74	HB	foyer	on east wall	5-ft 6. 7/8-in FS	5-ft 10 1/8-in FF
75	HB	foyer	on east wall	5-ft 3 7/8-in FS	5-ft 10 1/4-in FF
76	switch	foyer	on east wall	5-ft 5 1/8-in FS	5-ft 4 5/8-in FF
77	light	foyer	4-ft 1 1/8	2-ft 1/8-in FS	7-ft 5 1/2-in FF
78	light	foyer	outside	TBD	outside
79	duplex	foyer	outside	TBD	outside

(7 rows)

4431 Amador := Spandrel Devices

id	description	room	x	y	z
82	HB	closet	8-ft 2-in	on north wall	2-ft 6 1/8-in FF
83	HB	closet	7-ft 4 1/2-in	on north wall	1-ft 7 5/8-in FF
84	HB	closet	7-ft 7/8-in	9 5/8-in FN	5/8-in FF

(3 rows)

4431 Amador := Family Room Devices

id	description	room	x	y	z
85	2duplex	den	5-ft 1 1/2-in FW	on north wall	3-ft 8-in FF
86	switch	den	5-ft 7-in FW	on north wall	3-ft 3 1/4-in FF
87	HB	den	6-ft 1/8-in FW	on north wall	4-ft 2 7/8-in FF
88	duplex	den	7-ft 10 1/4-in FW	on north wall	3-ft 8 5/8-in FF
89	duplex	den	on east wall	1-ft 2 1/4-in FN	1-ft 4-in FF
90	HB	den	on east wall	2-ft 2-in FN	1-ft 3 5/8 in FF
91	duplex	den	on east wall	3-ft 9 1/8-in FN	1-ft 3 7/8-in FF
92	duplex	den	on east wall	7-ft 10 1/4-in FN	1-ft 4 3/8-in FF
93	duplex	den	on east wall	10-ft 5 1/4-in FN	1-ft 3 7/8-in FF
94	blank	den	6-ft 10 3/8-in FW	on south wall	3-ft 8-in FF
95	duplex	den	on west wall	21-ft 1 1/2-in FN	1-ft 4 3/4-in FF
96	duplex	den	on west wall	18-ft 5 1/4-in FN	1-ft 5 7/8-in FF
97	HB	den	on west wall	17-ft 5 5/8-in FN	2-ft 8 1/4-in FF
98	duplex	den	on west wall	16-ft 3 1/8-in FN	1-ft 4 1/8-in FF
99	HB	den	on west wall	9-ft 7/8-in FN	4-ft 6 1/4 FF
100	duplex	den	on west wall	8-ft 2 1/8-in FN	1ft 3 7/8 FF
101	duplex	den	on west wall	2-ft 9 3/8-in FN	1ft 4 5/8 FF
102	HB	den	on west wall	3-ft 2 5/8-in FN	on ceiling
103	light	den	1-ft 7 1/3-in FW	1-ft 7 5/8-in FN	on ceiling
104	HB	den	4-ft 3/4-in FW	3-ft 2 1/4-in FN	on ceiling
105	HB	den	6-ft 6-in FW	1-ft 5 1/4-in FN	on ceiling
106	HB	den	7-ft 3-in FW	3-ft 1 3/4-in FN	on ceiling
107	light	den	10-ft 10 5/8-in FW	1-ft 5 1/4-in FN	on ceiling
108	register	den	6-in FE	5-ft 6 1/2-in FN	on ceiling
109	HB	den	6-ft 8 3/4-in FW	10-ft 4 5/8-in FN	on ceiling
110	register	den	5-ft 4 5/8-in FW	10-ft 3 1/8-in FN	on ceiling
111	light	den	3-ft 10 3/4-in FW	10-ft 2 7/8-in FN	on ceiling
112	HB	den	3-ft 4 5/8-in FW	10-ft 2 7/8-in FN	on ceiling
113	HB	den	1-ft 6 3/4-in FW	15-ft 8 3/4-in FN	on ceiling
114	HB	den	8-ft 3 1/2-in FW	16-ft 5 1/8-in FN	on ceiling
115	HB	den	9-ft 1 3/4-in FW	15-ft 11 3/8-in FN	on ceiling
116	light	den	11-ft 1 1/2-in FW	16-ft 5 1/8-in FN	on ceiling
117	HB	den	11-ft 1-in FW	20-ft 5 1/2-in FN	on ceiling
118	HB	den	10-ft 5 1/8-in FW	21-ft 2 1/8-in FN	on ceiling
119	HB	den	11-ft 5/8-in FW	22-ft 3-in FN	on ceiling
120	HB	den	11-ft 1 1/8-in FW	23-ft 6 1/2-in FN	on ceiling
121	light	den	11-ft 6 3/8-in FW	25-ft 8 5/8-in FN	on ceiling
122	light	den	1-ft 6 1/4-in FW	25-ft 9 1/4-in FN	on ceiling

(38 rows)

4431 Amador := Downstairs Bathroom Devices

id	description	room	x	y	z
123	duplex	shower	8 3/8-in FW	on north wall	3-ft 6 7/8-in FF
124	switch	shower	on east wall	4-ft 9 7/8-in FS	3-ft 9-in FF
125	HB	shower	on east wall	4-ft 1 5/8-in FS	5-ft 3 5/8-in FF
126	light+exh	shower	4-ft 4 1/4-in FW	3-ft 5 3/4-in FS	on ceiling
127	light	shower	1 ft 9 3/8-in FW	6-ft 2 7/8-in FS	on ceiling
128	HB	shower	3-ft 10 5/8-in FW	5-ft 10 1/2-in FS	on ceiling
129	HB	shower	5-ft FW	6-ft 7 1/4-in FS	on ceiling
130	light	shower	6-ft 3 3/4-in FW	5-ft 11 3/8-in FS	on ceiling

(8 rows)

4431 Amador := Laundry Devices

id	description	room	x	y	z
131	GFCI	laundry	on west wall	3-ft 10 1/2-in FS	2-ft 3 1/2-in FF
132	switch	laundry	2-ft 3/8-in FE	on south wall	3-ft 7 1/4-in FF
133	HB	laundry	7 1/4-in FE	on south wall	2-ft 3 3/4-in FF
134	240v	laundry	7 1/8-in FE	on south wall	1-ft 11 7/8-in FF
135	HB	laundry	on west wall	1-ft 1 5/8-in FS	on ceiling
136	light	laundry	3-ft 5-in FE	7 1/2-in FS	on ceiling

(6 rows)

4431 Amador := Master Bedroom Devices

id	description	room	x	y	z
137	switch	mbr	8-ft 11 3/8-in FE	6-ft 1 7/8-in FN	3-ft 8 5/8-in FF
138	HB	mbr	9-ft 1/8-in FE	5-ft 1/8-in FN	on ceiling
139	HB	mbr	10-ft 9 7/8-in FE	5-ft 4 7/8-in FN	on ceiling
140	HB	mbr	10-ft 9 7/8-in FE	1-ft 5 1/8-in FN	on ceiling
141	HB	mbr	8-ft 1 7/8-in FE	1-ft 3/8-in FN	on ceiling
142	HB	mbr	8-ft 1/8-in FE	3-ft 6 3/4-in FN	on ceiling
143	HB	mbr	6-ft 1/4-in FE	1-ft 4 7/8-in FN	on ceiling
144	light	mbr	5-ft 1-in FE	5-ft 6 1/2-in FN	on ceiling
145	duplex	mbr	6-ft 4-in FE	on north wall	1-ft 6 3/4-in FF
146	duplex	mbr	on east wall	2-ft 4 5/8-in FN	1-ft 6-in FF
147	duplex	mbr	on east wall	2-ft 7 5/8-in FS	1-ft 7 3/8-in FF
148	duplex	mbr	3-ft 9 7/8-in FE	on south wall	1-ft 5 1/4-in FF
149	duplex	mbr	5-ft 1 3/4-in FE	on south wall	1-ft 5 1/8-in FF
150	HB	mbr	on west wall	1-ft 9 3/4-in FS	5-ft 1/8-in FF

(14 rows)

4431 Amador := Garage Devices

id	description	room	x	y	z
151	2duplex	garage	3-ft 8 1/2-in FW	on south wall	3-ft 1 1/2-in FF
152	HB	garage	1-ft 5-in FW	on south wall	7-ft 4 7/8-in FF
153	HB	garage	11-in FW	on south wall	7-ft 4 3/4 FF
154	light	garage	7-in FW	19-ft 11 1/8-in FN	7-ft 7 1/2-in FF
155	switch	garage	on west wall	20-ft 4 3/8-in FN	4-ft 3 5/8-in FF
156	switch	garage	on west wall	14-ft 10 3/8-in FN	5-ft 6-in FF
157	HB	garage	on west wall	9-ft 3 3/4-in FN	6-ft 2 1/2-in FF
158	HB	garage	on west wall	8-ft 5-in FN	4-ft 10-in FF
159	HB	garage	on west wall	7-ft FN	4-ft 7 7/8-in FF
160	subpanel	garage	on west wall	3-ft 6-in FN	4-ft 3/4-in FF
161	HB	garage	on west wall	2-ft 5 1/8-in FN	4-ft 3/4-in FF
162	soffit	garage	1-ft 1 1/4-in FW	4-ft 3 3/8-in FN	6-ft 11 1/4-in FF
163	switch	garage	5-ft 8 1/8-in FW	on north wall	3-ft 7-in FF
164	light	garage	4-ft 10 7/8-in FW	11 3/4-in FN	8-ft 2 7/8-in FF
165	HB	garage	5-ft 6 1/8-in FW	6-in FN	8-ft 1 5/8-in FF
166	HB	garage	6-ft 4-in FW	on north wall	8-ft 2 5/8-in FF
167	HB	garage	8-ft 8 7/8-in FW	2-ft 6 1/2-in FN	4-ft 2 5/8-in FF
168	switch	garage	9-ft 1 3/4-in FW	2-ft 6 1/2-in FN	5-ft 1 1/4-in FF
169	duplex	garage	12-ft 5 5/8-in FW	2-ft 1/8-in FN	3-ft 9 1/4-in FF
170	WHeater	garage	13-ft 2 3/8-in FW	2-ft 2 1/4-in FN	2-ft 10 3/4-in FF
171	ETank	garage	16-ft 2 1/4-in FW	9 1/2-in FN	4-ft 6 5/8-in FF
172	HB	garage	20-ft 6-in FW	8-ft 1 1/2-in FN	9-ft 1 5/8-in FF
173	seccam	garage	20-ft 10 3/4-in FW	8-ft 1 1/2-in FN	9-ft 1 5/8-in FF
174	HB	garage	on west wall	2-ft 1/8-in FS	8-ft 6 1/4-in FF
175	HB	garage	8-ft 3 1/4-in FE	14-ft 11 1/4-in FN	7-ft 3/8-in FF
176	HB	garage	8-ft 6 3/8-in FE	10-ft 7 1/4-in FN	7-ft 7/8-in FF
177	duplex	garage	10-ft 6 1/4-in FW	10-ft 3-in FN	8-ft 5 1/2-in FF
178	genie	garage	10-ft 10 1/4-in FW	9-ft 4 3/4-in FN	6-ft 1/4-in FF
179	Rainbird	garage	4-ft 3 7/8-in FW	on south wall	5-ft 4 1/8-in FF

(29 rows)

4431 Amador := Attic Devices

id	description	room	x	y	z
180	HB	attic	11-ft 5-in FE	27-ft 4 3/4-in FN	on floor
181	HB	attic	11-ft 8 1/4-in FE	29-ft 6 3/8-in FN	on floor
182	HB	attic	12-ft 11 1/2-in FE	29-ft 5 3/4-in FN	on floor
183	HB	attic	11-ft 7 1/4-in FW	30-ft 4 3/4-in FN	on floor
184	HB	attic	9-ft 11-in FW	28-ft 10 1/8-in FN	on floor
185	HB	attic	12-ft 10-in FW	23-ft FN	on floor
186	HB	attic	11-ft 3 1/8-in FW	23-ft 4 7/8-in FN	on floor
187	HB	attic	13-ft 7 3/8-in FE	19-ft 7 1/2-in FN	on floor
188	HB	attic	12-ft 11 5/8-in FE	18-ft 10 1/4-in FN	on floor
189	HB	attic	11-ft 8-in FW	15-ft 7-in FN	on floor
190	HB	attic	14-ft 1/4-in FW	14-ft 1/8-in FN	on floor
191	HB	attic	11-ft 6 1/4-in FW	9-ft 1-in FN	on floor
192	HB	attic	10-ft 9 3/8-in FW	8-ft 10 3/4-in FN	on floor
193	HB	attic	10-ft 5 1/4-in FW	3-ft 7-in FN	on floor
194	HB	attic	6-ft 3/8-in FW	3-ft 8 1/4-in FN	on floor
195	HB	attic	10-ft 1/8-in FW	10-ft FN	on floor
196	HB	attic	5-ft 8 5/8-in FW	7-ft 3 3/4-in FN	on floor
197	HB	attic	5-ft 6-in FW	5-ft 2 1/4-in FN	on floor
198	HB	attic	9-ft 1 3/8in FW	24-ft 10 7/8-in FN	on floor

(19 rows)

Thank you for giving us time to get the work done.

We look forward to your feedback, suggestions, instructions, and admonitions.
:)

Ernest and Angela
January 2, 2024 @10:07 PM