

# Autodesk University + Power BI

Power BI can take in and display a wide range of data and it's up to you to determine what you want to communicate! Use the graphics on the left to find your rooms; the chart to see the clash totals; and the tabs to see each floor and clash total per trade.

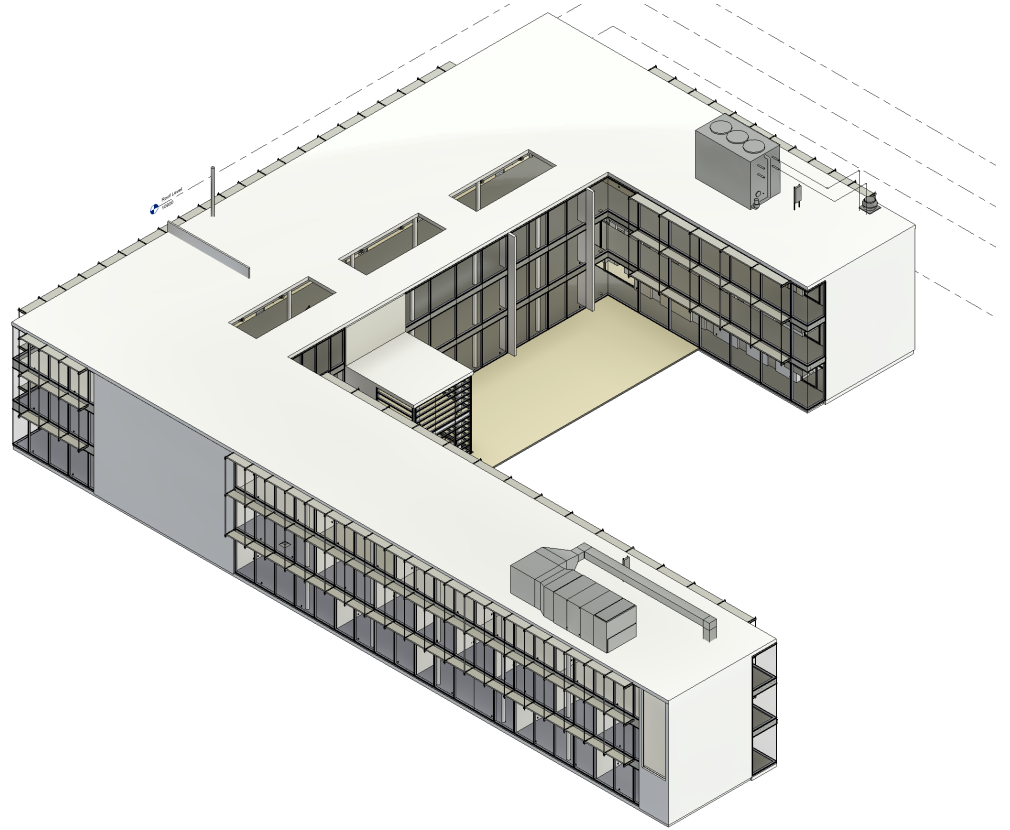
## Room Finder

### Level

- ☒ Level 1
- ☐ Level 2
- ☐ Level 3

## Rooms and Levels

Number	Name	Level
21	Archive	Level 1
50	Cafeteria	Level 1
2	CH/PH I	Level 1
1	CH/PH Stock	Level 1
26	Cleaning	Level 1
27	Cleaning	Level 1
49a	Corridor	Level 1
49b	Corridor	Level 1
49c	Corridor	Level 1
49d	Corridor	Level 1
6	Leader	Level 1
8	Leader	Level 1
20	MZR	Level 1
113	Power Riser	Level 1
92	Stair	Level 1
93	Stair	Level 1
94	Stair	Level 1
18	Stock	Level 1
28	Technology	Level 1
25	Washing Room	Level 1
30	Washing Room	Level 1
23	WC	Level 1
10	WC D	Level 1
9	WC H	Level 1
51	WF	Level 1
4	Workshop	Level 1
14	Workshop I	Level 1
31	Workshop II	Level 1
16	Workshop III	Level 1
17	Workshop IV	Level 1



## Project Clash Totals

total	name3
17	Mech vs Plumbing
4	Mech vs Struct
2	Lighting vs Struct
2	Mech vs Lighting
2	Plumbing vs Lighting
0	Elec vs Fire Protection
0	Elec vs Lighting
0	Elec vs Plumbing
0	Elec vs Struct
0	FP vs Struct
0	Lighting vs FP
0	Mech vs Electrical
0	Mech vs FP
0	Plumbing vs FP
0	Plumbing vs Struct

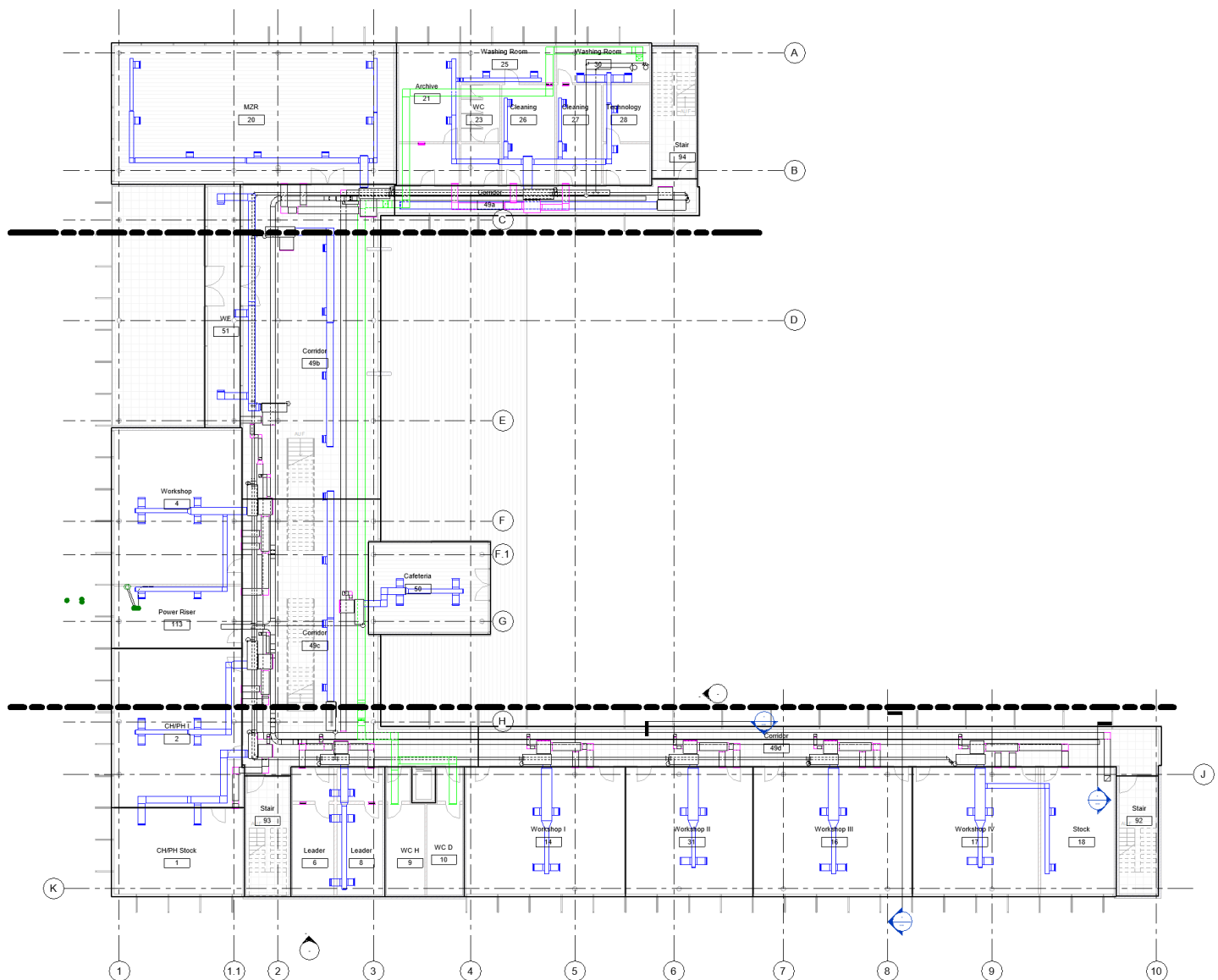
Number	Name
1	CH/PH Stock
10	WC D
113	Power Riser
14	Workshop I
16	Workshop III
17	Workshop IV
18	Stock
2	CH/PH I
20	MZR
21	Archive
23	WC
25	Washing Room
26	Cleaning
27	Cleaning
28	Technology
30	Washing Room
31	Workshop II
4	Workshop
49a	Corridor
49b	Corridor
49c	Corridor
49d	Corridor
50	Cafeteria

## AU - First Floor

On the Left is a Space Schedule originally generated from Revit data. It uses a filter to only show the spaces from the First Floor. Use the Slider on the right to see more spaces associated with the first floor.

The Map at the bottom was generated from a screen capture in the Revit environment.

Both have a Shadow applied to give them a 3D feel from the Visualizations section.



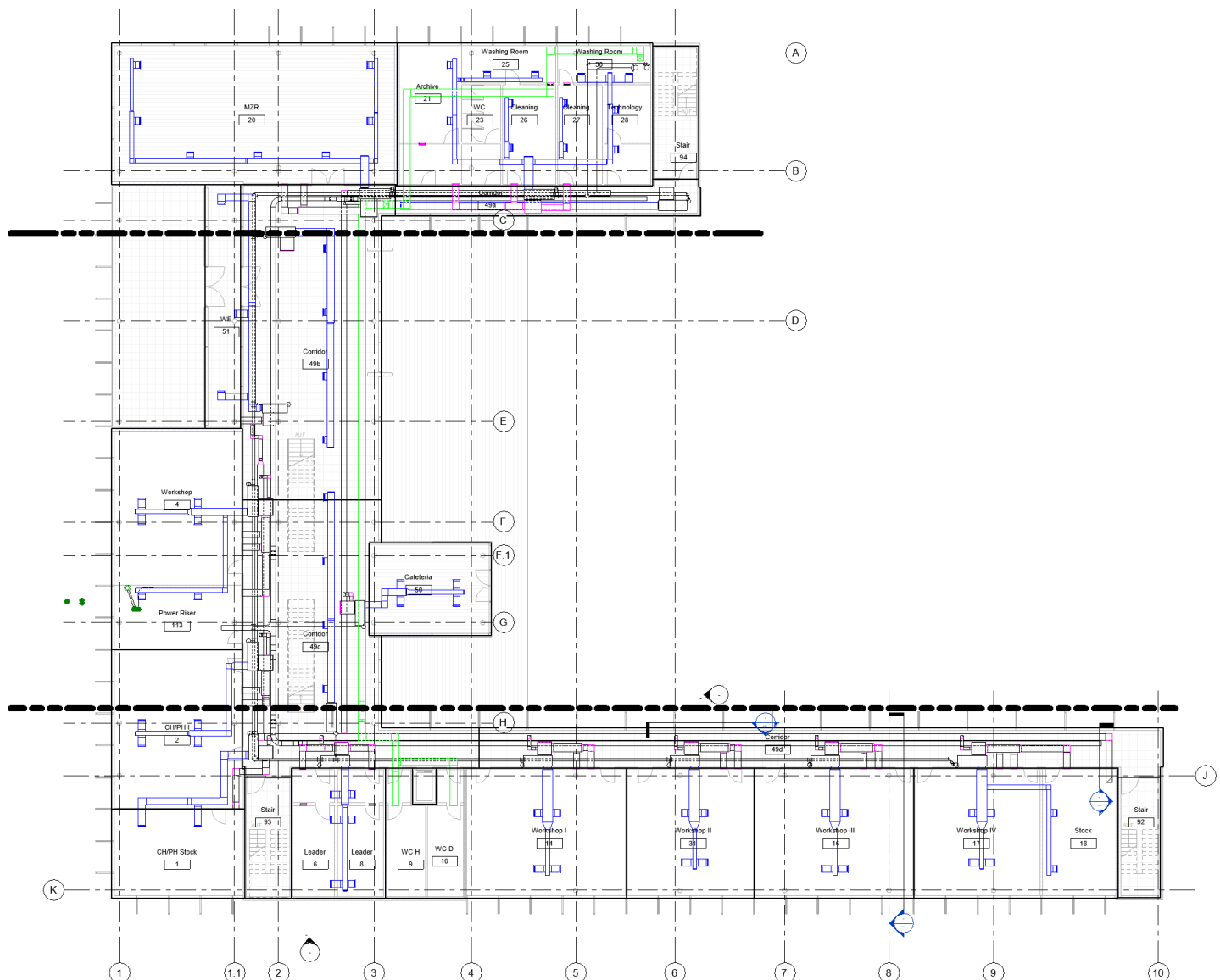
Number	Name
32	Laboratory I
33	Laboratory II
34	Cleaning
35	Student Council
36	Meeting Room
37	EDP
38	EDP Management
39	Server Space
40	WC
41	WC
46	Stock
47	Admin
52	EDP III
53	EDP II
55	Assembly
56	Corridor
56a	Copy
57	Corridor
57a	Staff Room
57b	Staff Room
58	Corridor
58a	Archive
59	Corridor

## AU - Second Floor

On the Left is a Space Schedule originally generated from Revit data. It uses a filter to only show the spaces from the Second Floor. Use the Slider on the right to see more spaces associated with the first floor.

The Map at the bottom was generated from a screen capture in the Revit environment.

Both have a Shadow applied to give them a 3D feel from the Visualizations section.



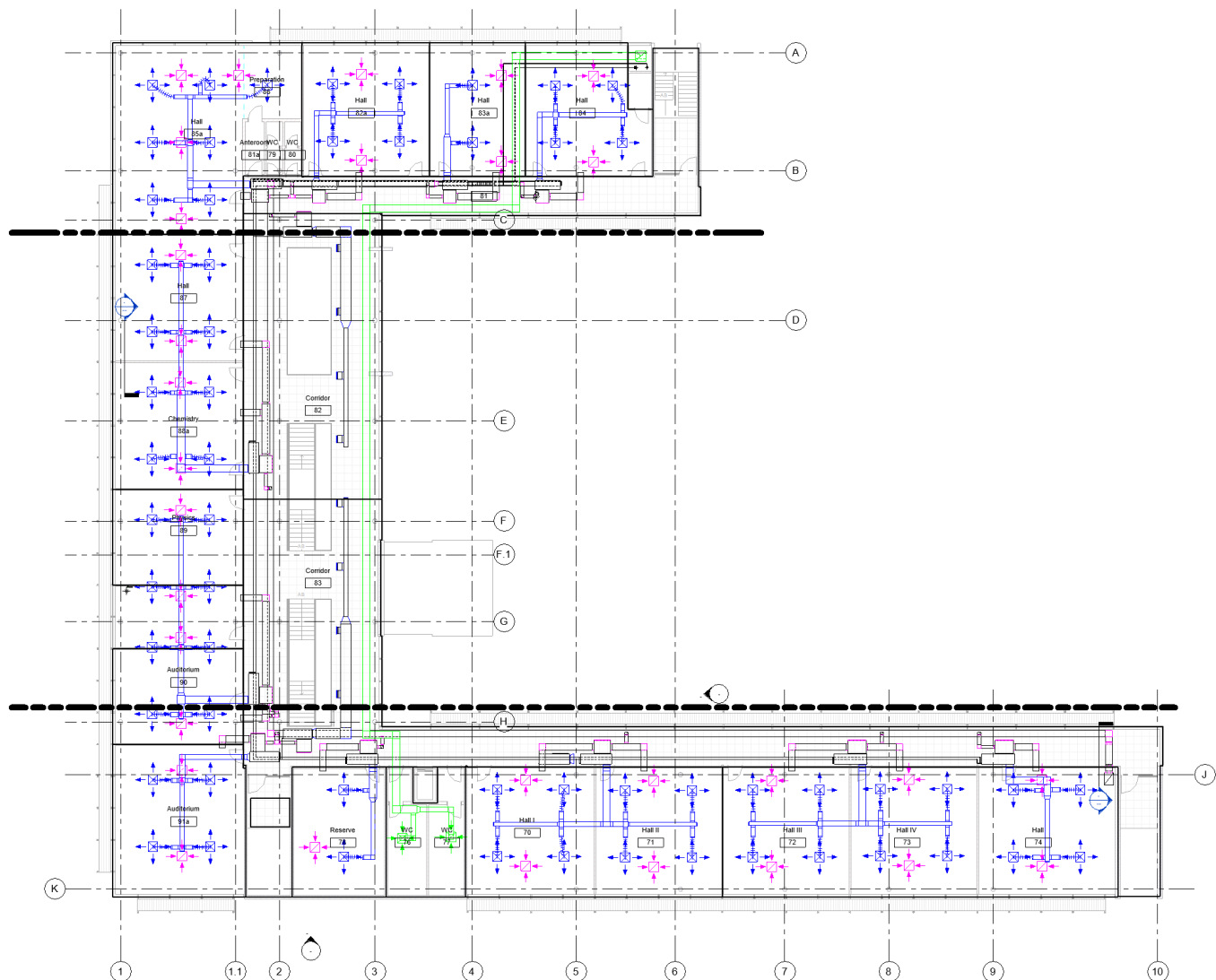
Number	Name
70	Hall I
71	Hall II
72	Hall III
73	Hall IV
74	Hall
76	WC
77	WC
78	Reserve
79	WC
80	WC
81	Corridor
81a	Anteroom
82	Corridor
82a	Hall
83	Corridor
83a	Hall
84	Hall
85a	Hall
86	Preparation
87	Hall
88a	Chemistry
89	Physics
90	Auditorium

## AU - Third Floor

On the Left is a Space Schedule originally generated from Revit data. It uses a filter to only show the spaces from the Third Floor. Use the Slider on the right to see more spaces associated with the first floor.

The Map at the bottom was generated from a screen capture in the Revit environment.

Both have a Shadow applied to give them a 3D feel from the Visualizations section.



name3	total
Mech vs Plumbing	17
Mech vs Struct	4
Mech vs Lighting	2
Mech vs Electrical	0
Mech vs FP	0

### AU - Clashes by Discipline

On the left is a chart that shows the total number of clashes. Below is a listing of each clash. The clashes with a name are single clashes. The clashes listed without a name are grouped clashes.

Discipline Clashes					
name3	name18	gridlocation25	resultstatus24	gridlocation	resultstatus
Mech vs Lighting	Clash3	B-3 : Level 1	Approved		
Mech vs Lighting				A-3 : Level 1	Approved
Mech vs Plumbing	Clash20	B-3 : Level 2	Active		
Mech vs Plumbing	Clash13	B-3 : Level 3	Active		
Mech vs Plumbing	Clash3	B-5 : Level 2	Active		
Mech vs Plumbing	Clash4	B-6 : Level 1	Active		
Mech vs Plumbing	Clash19	C-2 : Level 3	Active		
Mech vs Plumbing	Clash6	J-4 : Level 1	Active		
Mech vs Plumbing				B-2 : Level 3	Active
Mech vs Plumbing				B-3 : Level 1	Active
Mech vs Plumbing				B-4 : Level 3	Active
Mech vs Plumbing				B-5 : Level 1	Active
Mech vs Plumbing				B-6 : Level 2	Active
Mech vs Plumbing				C-2 : Level 2	Active
Mech vs Plumbing				F-2 : Level 2	Active
Mech vs Plumbing				F-3 : Level 2	Active
Mech vs Plumbing				G-2 : Level 1	Active
Mech vs Plumbing				G-3 : Level 1	Active
Mech vs Plumbing				H-3 : Level 1	Active
Mech vs Struct	Clash2	A-4 : Level 2	Active		
Mech vs Struct	Clash4	A-5 : Level 1	Approved		
Mech vs Struct	Clash1	A-5 : Level 2	Active		
Mech vs Struct	Clash3	A-5 : Level 3	Approved		



name3	total
Mech vs Plumbing	17
Plumbing vs Lighting	2
Elec vs Plumbing	0
Plumbing vs FP	0
Plumbing vs Struct	0

AU - Clashes by Discipline

On the left is a chart that shows the total number of clashes. Below is a listing of each clash. The clashes with a name are single clashes. The clashes listed without a name are grouped clashes. If the chart is empty, then there are no clashes for this discipline!

Discipline Clashes					
name3	name18	gridlocation25	resultstatus24	gridlocation	resultstatus
Mech vs Plumbing	Clash20	B-3 : Level 2	Active		
Mech vs Plumbing	Clash13	B-3 : Level 3	Active		
Mech vs Plumbing	Clash3	B-5 : Level 2	Active		
Mech vs Plumbing	Clash4	B-6 : Level 1	Active		
Mech vs Plumbing	Clash19	C-2 : Level 3	Active		
Mech vs Plumbing	Clash6	J-4 : Level 1	Active		
Mech vs Plumbing				B-2 : Level 3	Active
Mech vs Plumbing				B-3 : Level 1	Active
Mech vs Plumbing				B-4 : Level 3	Active
Mech vs Plumbing				B-5 : Level 1	Active
Mech vs Plumbing				B-6 : Level 2	Active
Mech vs Plumbing				C-2 : Level 2	Active
Mech vs Plumbing				F-2 : Level 2	Active
Mech vs Plumbing				F-3 : Level 2	Active
Mech vs Plumbing				G-2 : Level 1	Active
Mech vs Plumbing				G-3 : Level 1	Active
Mech vs Plumbing				H-3 : Level 1	Active







