

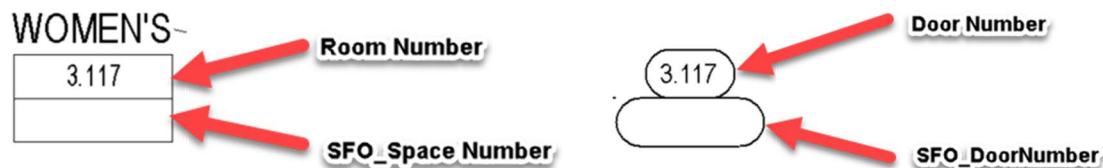
APPENDIX 2: REVIT ALIAS SPACE NUMBERING PROTOCOL

To facilitate the space numbering of buildings during design without prematurely encumbering the design team with numbering protocol, the Airport has developed an alias numbering system. This system allows project teams to use the room and door numbering parameters out of the box for developing their project documents and the execution of work in the field. In this way, changes to layout or function of spaces during the design process will not alter data associated with room numbers and door schedules.

As part of the BIM Integration Team's (BIT) efforts, two alias parameters will be included in the shared parameter files distributed to all teams. These two parameters are:

- SFO_SpaceNumber
- SFO_DoorNumber

These two parameters will be added to room families and door families respectively. Floor plan's room and door tags will contain two fields; the out of the box room (or door) number field and the SFO_SpaceNumber (or SFO_DoorNumber) field as illustrated below:



Similarly, the SFO_SpaceNumber and SFO_DoorNumber parameters will be added to all schedules that contain the out of the box room and door number parameters as illustrated in the respective room and door schedules below.

<ROOM SCHEDULE>				
A	B	C	D	E
Level	Department	Name	Number	SFO_SpaceNumber
LEVEL 03	SERVICE & SU	FOCUS	3001	
LEVEL 03	SERVICE & SU	FOCUS	3002	
LEVEL 03		LG. TEAM	3003	
LEVEL 03		FOCUS	3004	
LEVEL 03		FOCUS	3005	
LEVEL 03		COPY	3006	
LEVEL 03		SM. TEAM	3007	
LEVEL 03		SM. TEAM	3008	
LEVEL 03	COLLAB	CONFERENCE	3009	
LEVEL 03		WOMEN'S	3010	

<Door Schedule>						
A	B	C	D	E	F	G
Level	Mark	SFO_DoorNumber	Type Mark	To Room Name	To Room Number	To Room SFO_SpaceNumber
LEVEL 03	3001A		FG	FOCUS	3001	
LEVEL 03	3002A		FG	FOCUS	3002	
LEVEL 03	3003A		FG	LG. TEAM	3003	
LEVEL 03	3004A		FG	FOCUS	3004	
LEVEL 03	3005A		FG	FOCUS	3005	
LEVEL 03	3006A		F	COPY	3006	
LEVEL 03	3007A		FG	SM. TEAM	3007	
LEVEL 03	3008A		FG	SM. TEAM	3008	
LEVEL 03	3010A		F	WOMEN'S	3010	

During the normal course of design and construction these fields will remain blank.

The project team will be required to identify the point in time when certain 'in place work' will require the assignment of the final SFO space and door numbering. Examples of such requirements may be the issuance of a signage package, final location of mechanical equipment for operations and

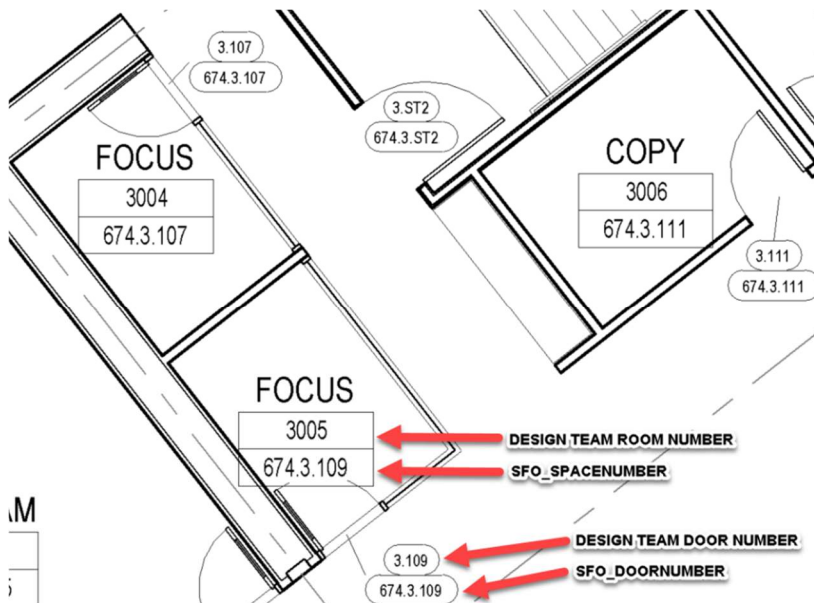
maintenance identification, and so forth. When the first of these milestones is identified, the project team needs to coordinate with the BIT to establish a submittal schedule of space numbering plans in PDF format for the Committee to assign final space numbering and door numbering. This shall be no less than four weeks to allow full vetting and assignment of the numbering schema.

Once the Committee has assigned and returned the space numbers to the project team, the project team will input the Airport numbering schema into the SFO_SpaceNumbering and SFO_DoorNumbering parameters in the project. This will in turn make every schedule a key between the design and construction numbering and the SFO numbering.

<ROOM SCHEDULE>				
A	B	C	D	E
Level	Department	Name	Number	SFO SpaceNumber
LEVEL 03	SERVICE & SU	FOCUS	3001	674.3.101
LEVEL 03	SERVICE & SU	FOCUS	3002	674.3.103
LEVEL 03		LG. TEAM	3003	674.3.105
LEVEL 03		FOCUS	3004	674.3.107
LEVEL 03		FOCUS	3005	674.3.109
LEVEL 03		COPY	3006	674.3.111
LEVEL 03		SM. TEAM	3007	674.3.113
LEVEL 03		SM. TEAM	3008	674.3.115
LEVEL 03	COLLAB	CONFERENCE	3009	674.3.116
LEVEL 03		WOMEN'S	3010	674.3.117

<Door Schedule>						
A	B	C	D	E	F	G
Level	Mark	SFO DoorNumber	Type Mark	To Room Name	To Room Number	To Room SFO Space
LEVEL 03	3.101	674.3.101	FG	FOCUS	3.101	674.3.101
LEVEL 03	3.103	674.3.103	FG	FOCUS	3.103	674.3.103
LEVEL 03	3.105	674.3.105	FG	LG. TEAM	3.105	674.3.105
LEVEL 03	3.107	674.3.107	FG	FOCUS	3.107	674.3.107
LEVEL 03	3.109	674.3.109	FG	FOCUS	3.109	674.3.109
LEVEL 03	3.111	674.3.111	F	COPY	3.111	674.3.111
LEVEL 03	3.113	674.3.113	FG	SM. TEAM	3.113	674.3.113
LEVEL 03	3.115	674.3.115	FG	SM. TEAM	3.115	674.3.115
LEVEL 03	3.116A	674.3.116	FG	CONFERENCE	3.116	674.3.116
LEVEL 03	3.116B	674.3.116A	FG	CONFERENCE	3.116	674.3.116

Likewise, by using the tags with dual parameters, the plan drawings become key drawings between the construction numbering schema and the SFO numbering schema.



It is also permissible for project teams to use a key plan for the relationship between construction and operational space and door numbering. These drawings will be located in the G0 series of the sheet set.