

DRAFT

	New Building			Remarks	# Required	
	#	Size of Rm	TTL NSF			
Floor Support for PPD & ITS						
A. Building Services						
1	Loading Dock	1	15 X 20	300	dependent on building use	1 per building
2	Housekeeping Closets	1	5 X 8	40	Dependent on number of floors. Requires mop sink with floor drain and exhaust fan.	Multiple Floors
3	Maintenance Storage	1	8 X 10	80	E.g., ceiling grid panels, miscellaneous equipment, lamps, 6' opening (double doors), filters. Preferred first floor location and/or next to equipment room.	1 per building
4	Electrical Closets	1	5 X 8	40	Dependent on number of floors. 30sf is minimum. The size of this room is driven by the number and type of panels in the room. Code requires a 36" clearance in front of any panel. On top floor Electrical Closet, provide a hatch for roof access. (1) per 20,000sf per floor	Multiple Floors
Subtotal Net Square Feet (NSF)		4		460		
B. ITS (Requirements for Every Building)						
1	IT Building Equipment Room (for a single building)	1	10 X 12	120	for serving a single building. Verify exact size requirements with ITS. Sized is depended upon service requirements.	1 per building
2	Information Technology Room	1	10 X 10	100	Dependent on number of floors, (1) per 10,000sf per floor	Multiple Floors
Subtotal Net Square Feet (NSF)		2		220		
C. ITS (Potential Building Requirements)						
1	IT Zone Equipment Room (for Serving Multiple Buildings)	1	20 X 20	400	Level 1 - Zone Hub/PBX Room (services other areas on campus). Size of the room is based on the number of other buildings being served and if it is shared with other electrical services (this would add additional space). For multiple building feeds, it also would house a pbx or IT zone hub for serving other buildings or areas, approximate space required is between 400-500sf. Requirement is (1) per building, regardless of floors and could also serve the purpose of B.2) Information Technology Room per 10,000 sf area	1 per building, dependant on building feed scenario
2	IT Entrance Room	1	10 X 12	120	For buildings greater than 100,000 sf. Can sometimes be incorporated into the IT Zone Equipment Room. This is the cable entrance to the building. 100-120 sf	1per building dependant on building total size
Subtotal Net Square Feet (NSF)		2		520		

Summary Physical Plant / ITS New Building Square Footage					
A. Building Services	4			460	
B. ITS (Requirements for Every Building)	2			220	
Total Building (NSF)				680	

Additional ITS Needs (Dependant on Building Feed Scenario and Total Building Size)					
C. ITS (Potential Building Requirements)	2			520	Not required for every new building. Dependant on situation
Total Building (NSF)				520	

Grand Total (NSF)				1,200	
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- Notes:**
- 1) # = ALL; Required on each floor of a building. Is dependent on building and noted in Remarks column
 - 2) Information on Building Services collected from Joel Straquadine on 5/16/08
 - 3) Information on ITS collected from George Thorning on 5/14/2008
 - 4) Net Square Feet = NSF

New Building Requirements - By Building Floors ((Does not include - C. ITS (Potential Building Requirements) information))

# of Floors	NSF Required with Loading Dock Included		NSF Required without Loading Dock Included	
	(<10,000 nsf per floor)	(>10,000 nsf per floor, up to 20,000 nsf per floor)	(<10,000 nsf per floor)	(>10,000 nsf per floor, up to 20,000 nsf per floor)
1 Story Building (Typical)	680	780	380	480
2 Story Building (Typical)	860	1,060	560	760
3 Story Building (Typical)	1,040	1,340	740	1,040
4 Story Building (Typical)	1,220	1,620	920	1,320
5 Story Building (Typical)	1,400	1,900	1,100	1,600
6 Story Building (Typical)	1,580	2,180	1,280	1,880
7 Story Building (Typical)	1,760	2,460	1,460	2,160
8 Story Building (Typical)	1,940	2,740	1,640	2,440
9 Story Building (Typical)	2,120	3,020	1,820	2,720
10 Story Building (Typical)	2,300	3,300	2,000	3,000
11 Story Building (Typical)	2,480	3,580	2,180	3,280
12 Story Building (Typical)	2,660	3,860	2,360	3,560
13 Story Building (Typical)	2,840	4,140	2,540	3,840
14 Story Building (Typical)	3,020	4,420	2,720	4,120
15 Story Building (Typical)	3,200	4,700	2,900	4,400
16 Story Building (Typical)	3,380	4,980	3,080	4,680
17 Story Building (Typical)	3,560	5,260	3,260	4,960
18 Story Building (Typical)	3,740	5,540	3,440	5,240
19 Story Building (Typical)	3,920	5,820	3,620	5,520
20 Story Building (Typical)	4,100	6,100	3,800	5,800
21 Story Building (Typical)	4,280	6,380	3,980	6,080
22 Story Building (Typical)	4,460	6,660	4,160	6,360
23 Story Building (Typical)	4,640	6,940	4,340	6,640
24 Story Building (Typical)	4,820	7,220	4,520	6,920
25 Story Building (Typical)	5,000	7,500	4,700	7,200
26 Story Building (Typical)	5,180	7,780	4,880	7,480
27 Story Building (Typical)	5,360	8,060	5,060	7,760
28 Story Building (Typical)	5,540	8,340	5,240	8,040
29 Story Building (Typical)	5,720	8,620	5,420	8,320
30 Story Building (Typical)	5,900	8,900	5,600	8,600

- Notes:**
- Does not account for larger bulk storage and ceiling panel rooms for buildings over 5-10 stories.