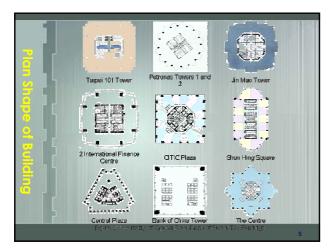
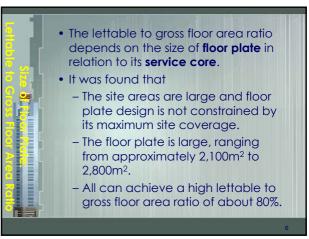




- Tall buildings in the range of 30 to 50 stories
- Super tall buildings in excess of 50 stories
- **Case studies** of the Asia Pacific's 10 tallest buildings.
- Represent the world's 15 tallest buildings.
- The tallest buildings in its cities.
- Landmark buildings designed by renowned consultants.

	Building Cases	City	Height	Floors	Year
1.	Taipei 101 Tower	Taipei	509 m	101	2004
2.	Petronas Tower 1	Kuala Lumpur	452 m	88	1998
3	Petronas Tower 2	Kuala Lumpur	452 m	88	1998
4	Jin Mao Tower	Shanghai	421m	88	1998
5.	International Finance Centre	Hong Kong	415 m	88	2003
6.	CITIC Plaza	Guangzhou	391 m	80	1991
7.	Shun Hing Square	Shenzhen	384 m	69	1990
8.	Central Plaza	Hong Kong	374 m	78	1992
9.	Bank of China Tower	Hong Kong	367 m	70	1990
10.	The Center	Hong Kong	346 m	73	1998





- Externate element
 It was f
 The action of the second second
 - External wall is a cost significant element.
 - It was found that
 - The average wall to floor area ratio is 0.34.
 - Jin Mao Tower has the lowest wall to floor area ratio of 0.30.
 - Petronas Towers have the highest wall to floor area ratio of 0.40,
 - If Petronas Towers are excluded the average wall to floor area ratio will become 0.33.
- Lease span is the clear distance from the building core to the external wall. It was found that

 The common lease span is 12m, ranging from 9.80m to 13.89m.
 Bank of China has the longest lease span of 17m at its lower floors.
 tis desirable to have as few columns as possible within the lease span atea.
 twas found that

 except Central Plaza, all buildings have no columns.
 In Central Plaza there is orly offective.



- The floor height consists of two aspects; floor-to-floor height and floor-to-ceiling height.
- It was found that the floor-to-ceiling height ranges from 2.60m to 2.80m.
- Raised floor is provided in some buildings and increases the floor-to-floor height.
- It was found that the common floorto-floor height is 4.0m, ranging from 3.73m to 4.20m.



