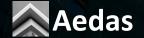
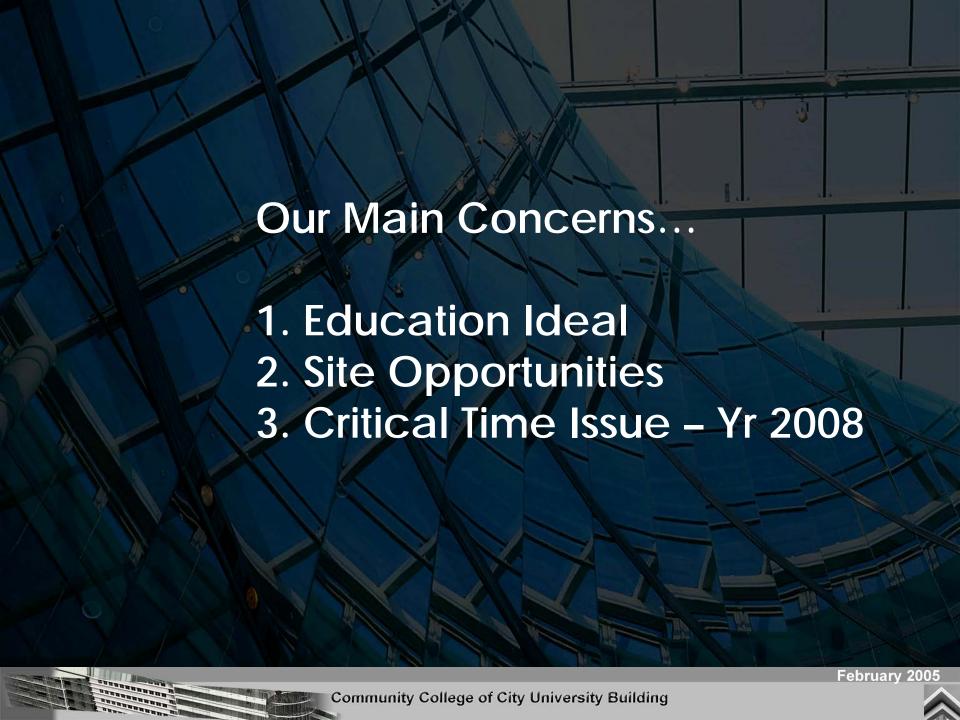
Community College of City University Building













A. Classroom Learning - Active Seeking of knowledge



B. Self Learning - Proactive seeking of Knowledge



C. Interactive Learning - through People Interaction









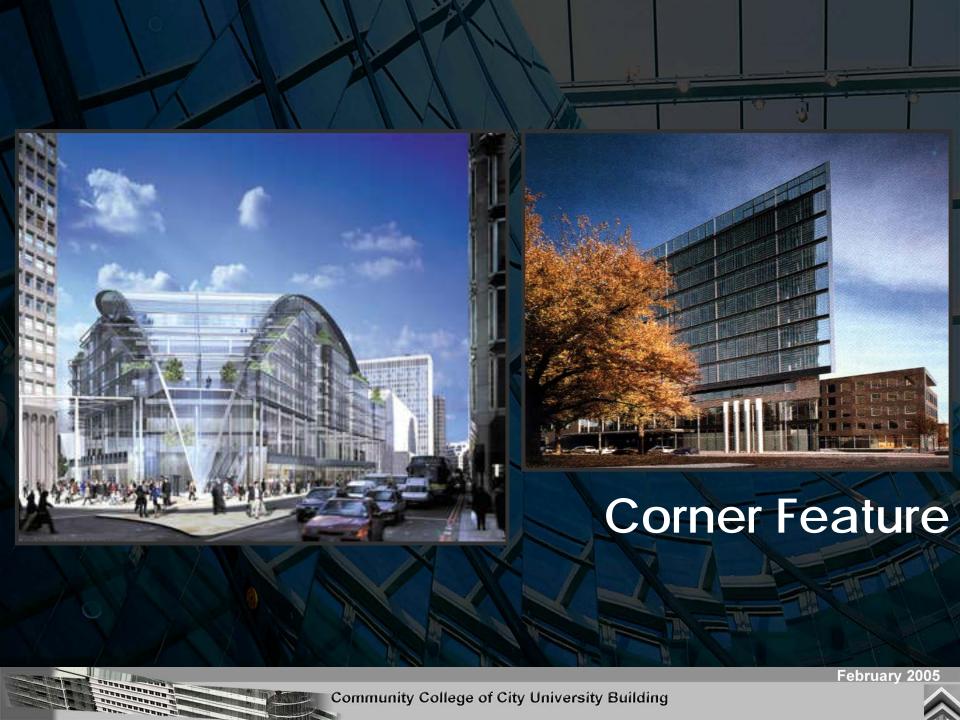
Place of Interactions – Courtyard Concept

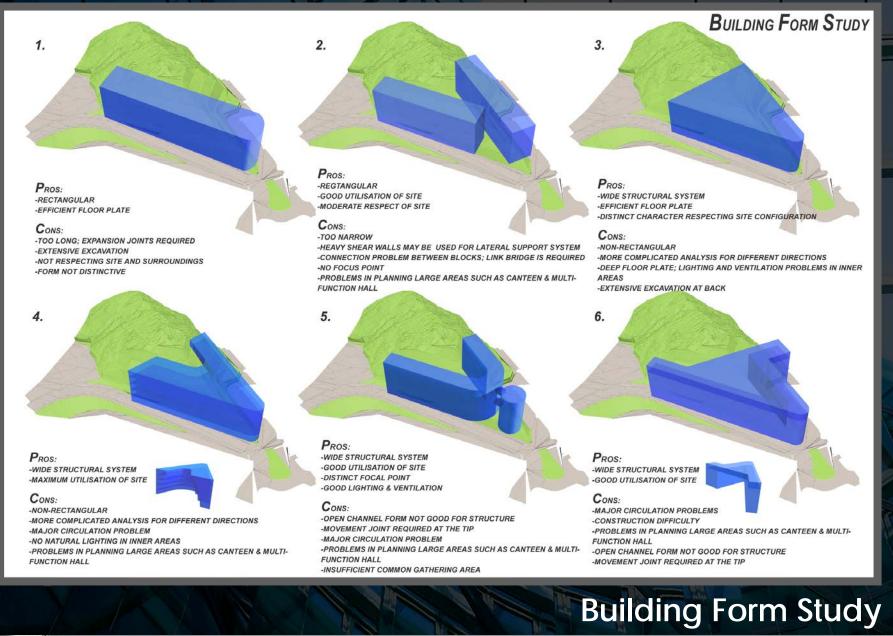


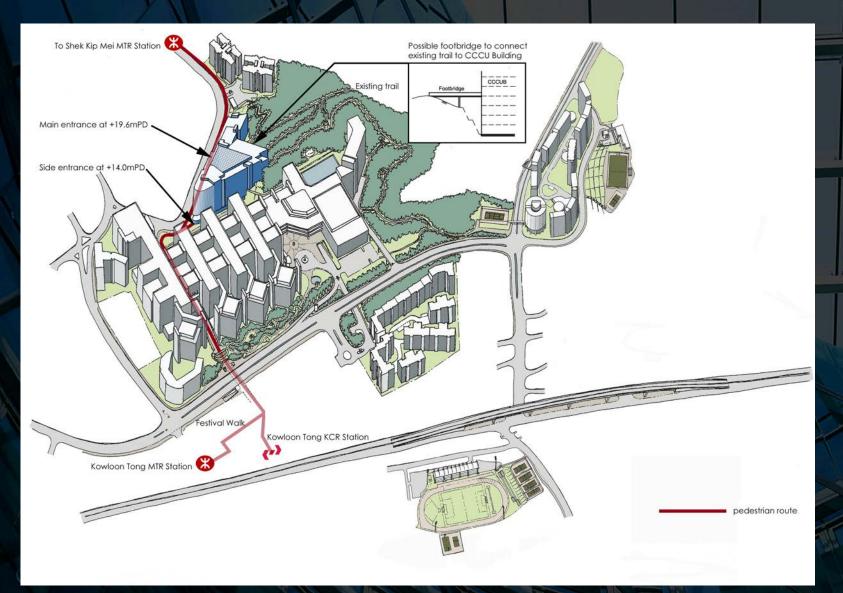












Site Context



Project Management Approach

Fast Tracking

Identification of Critical issues e.g. Master Plan, Tree felling

With Advanced Knowledge of Solutions

> Mitigation Measures

Meet Year 2008 Grand Opening

Flexibility

Satisfaction of End users





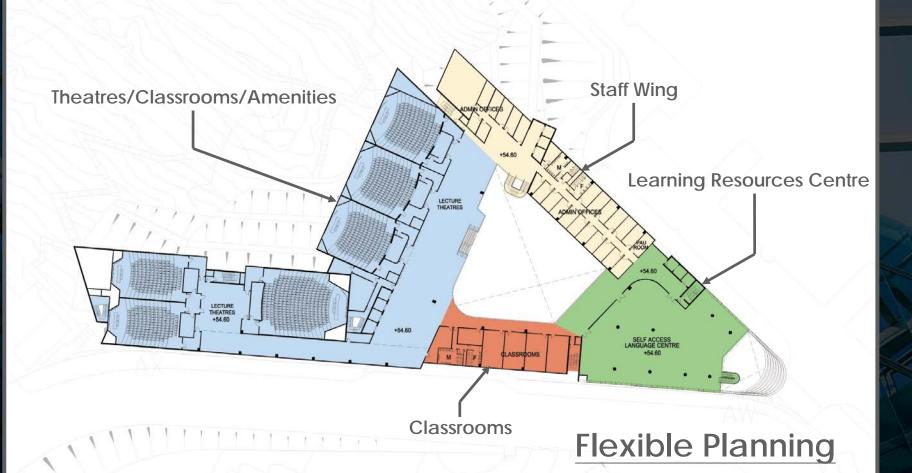
Corner Focal Point











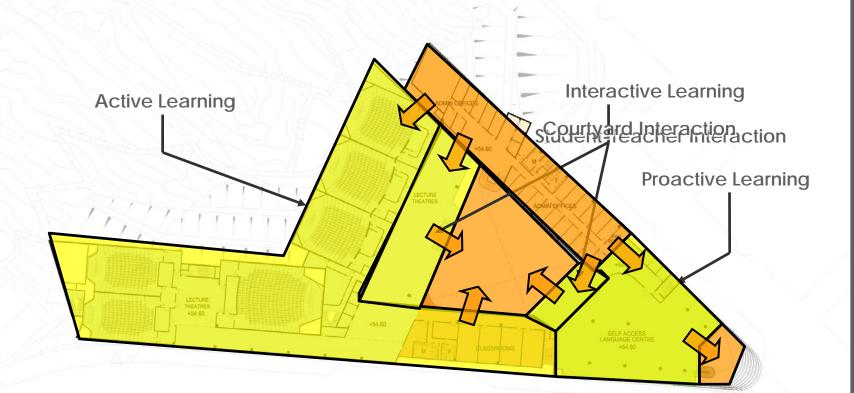












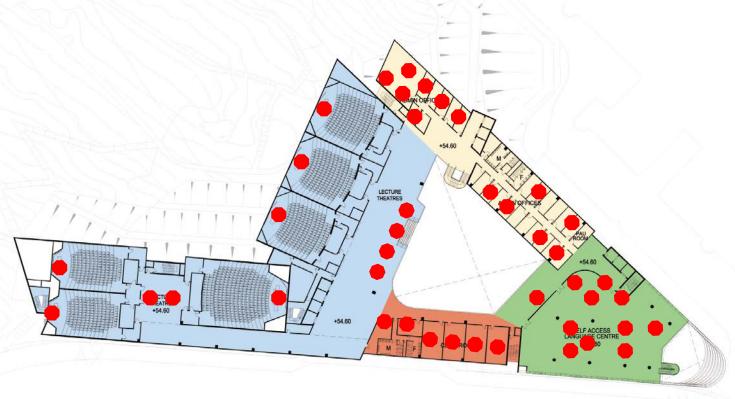
Active/Proactive/Interactive Learning



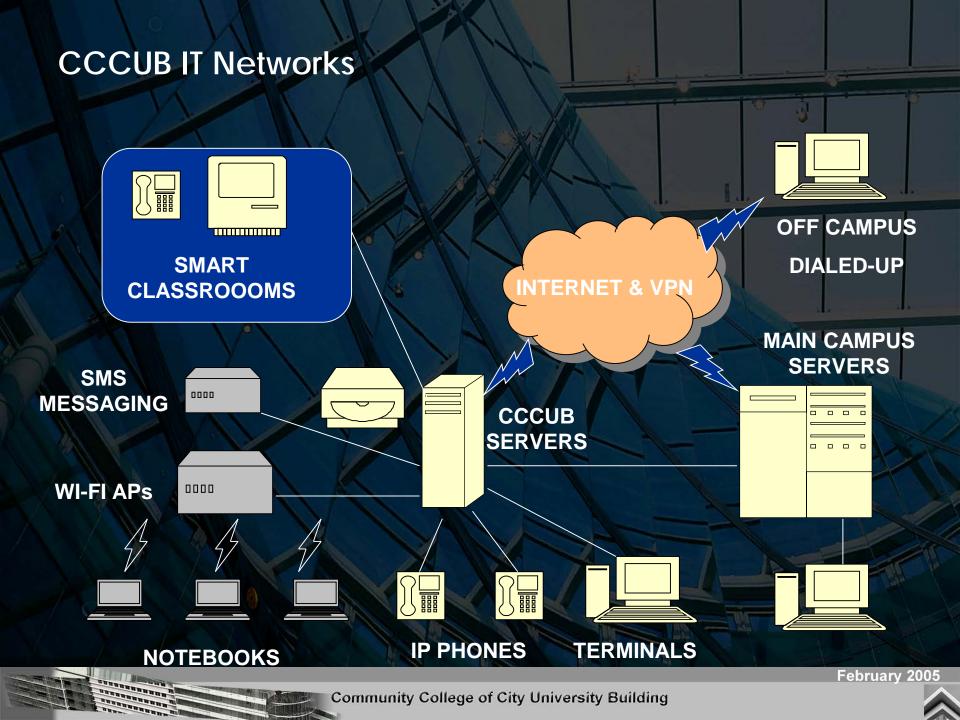


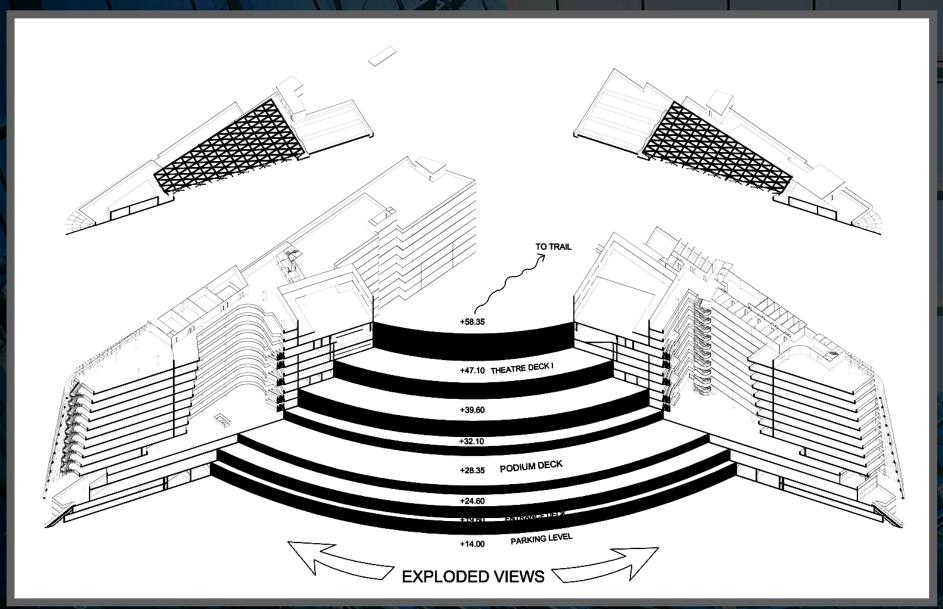




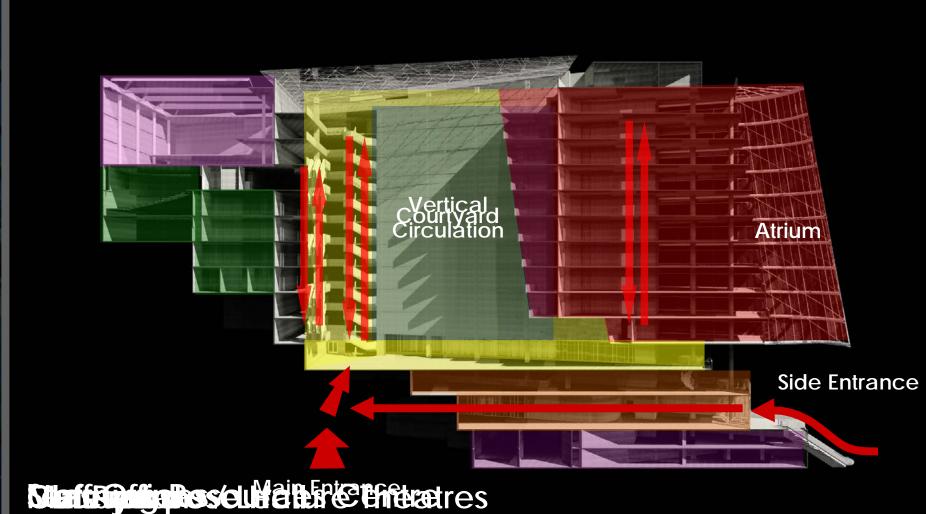


I.T. Access Points





Exploded Views



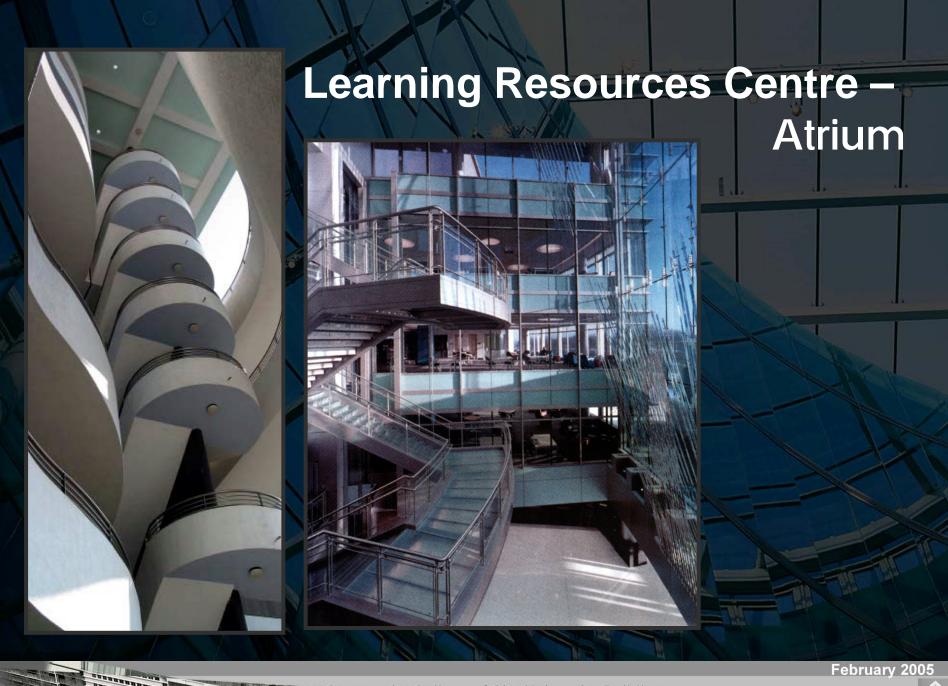
Zoning & Organization

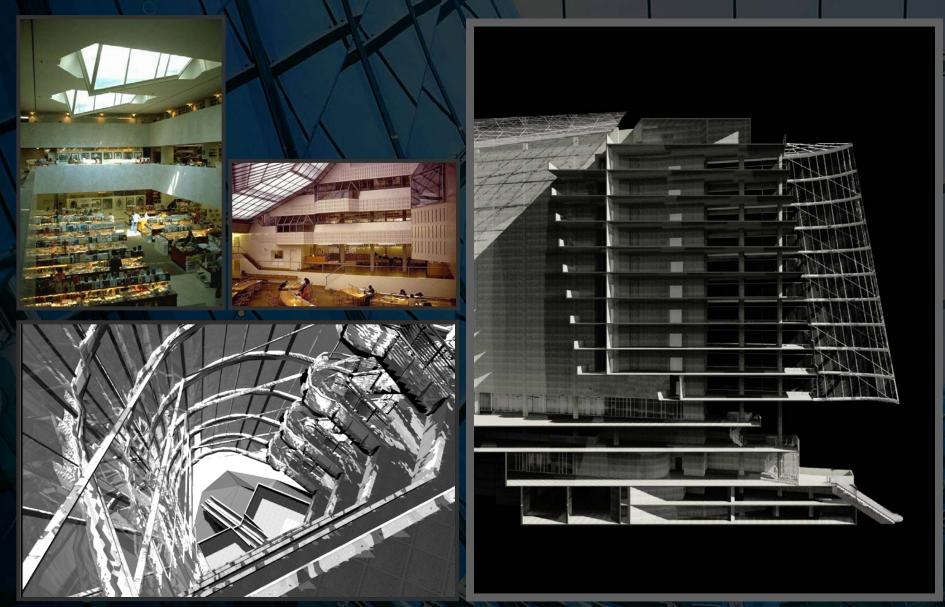




Solar Study 21/12/2004 7:00am - 6:00pm

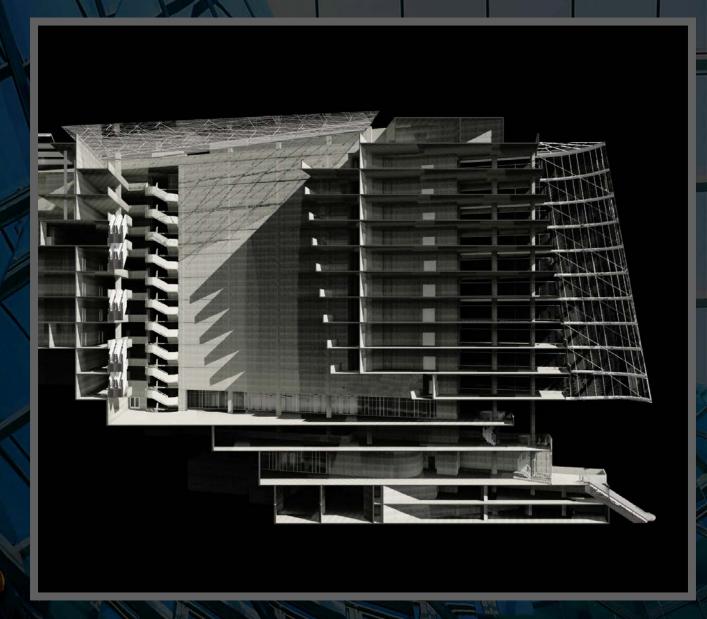


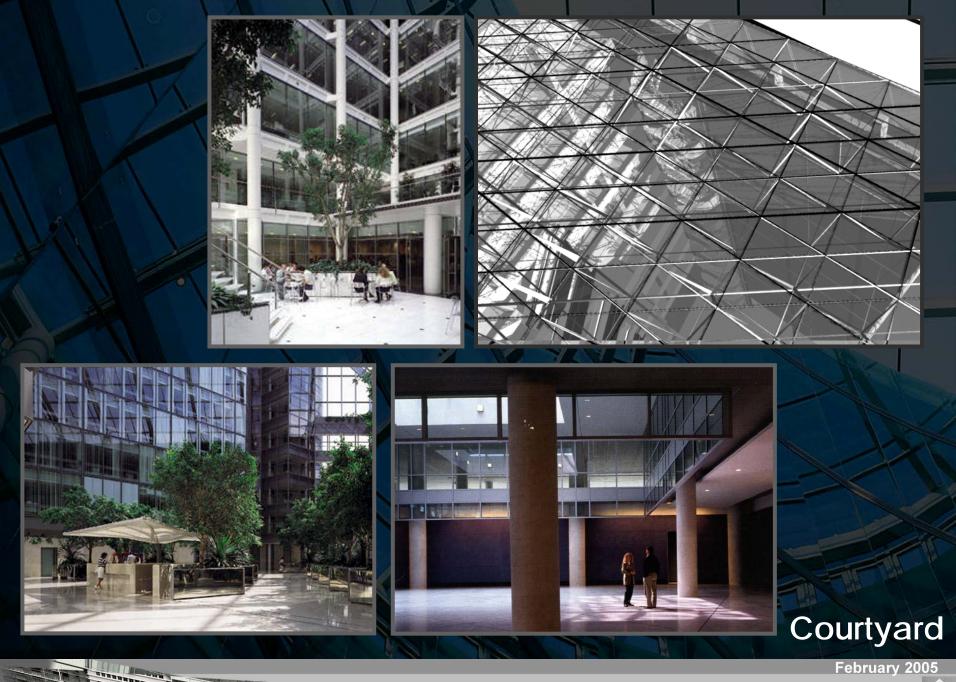


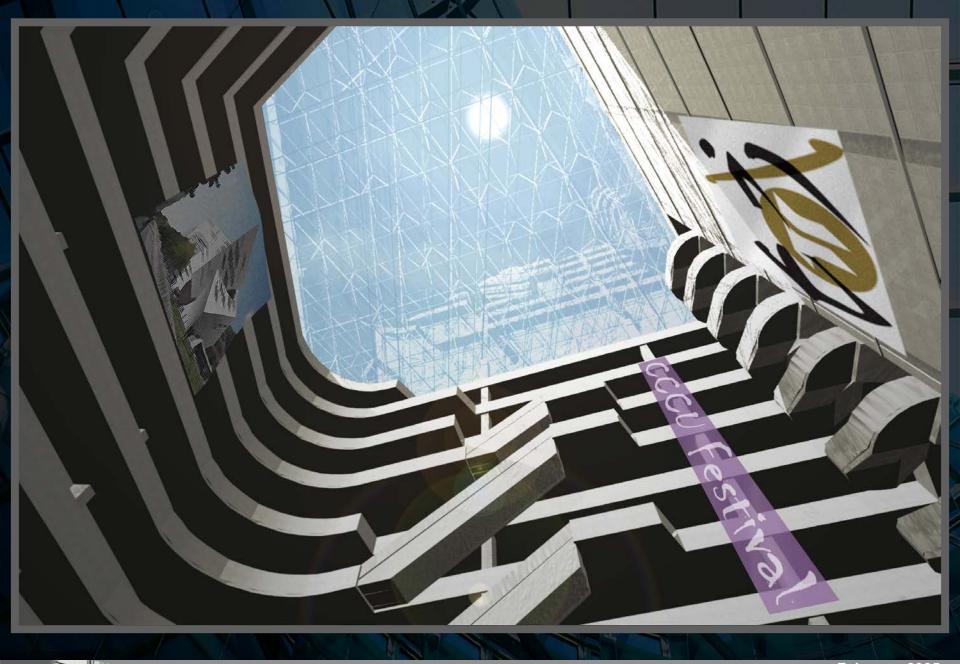


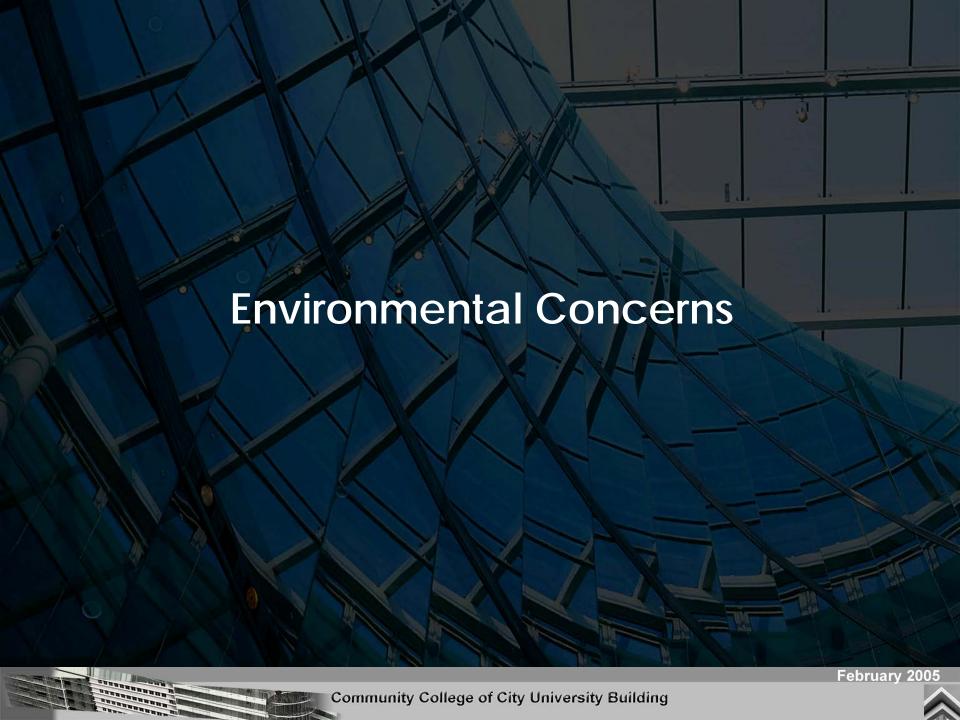
Learning Resources Centre - Atrium

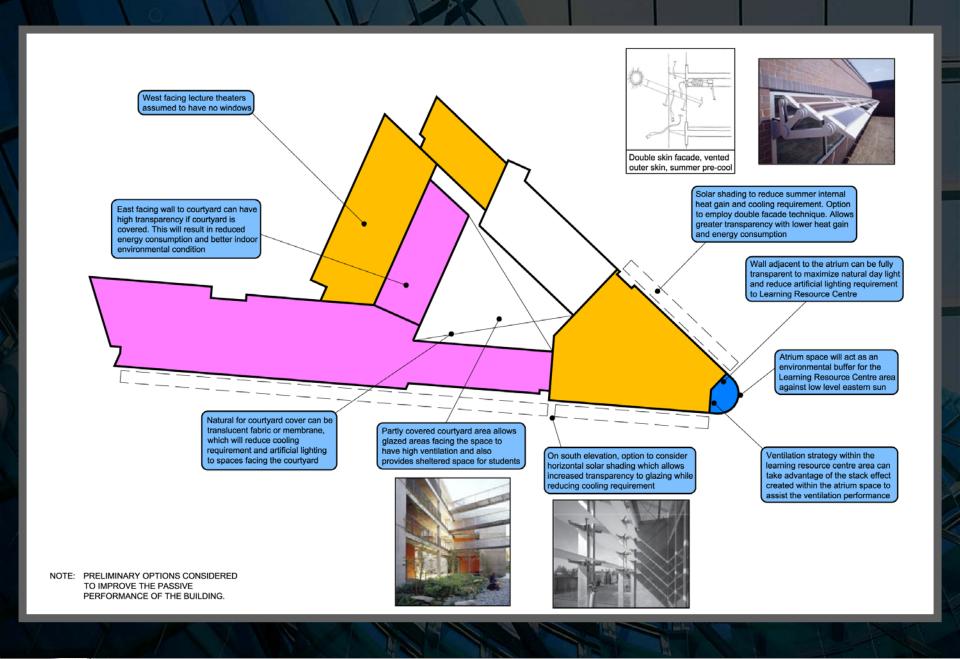
Courtyard

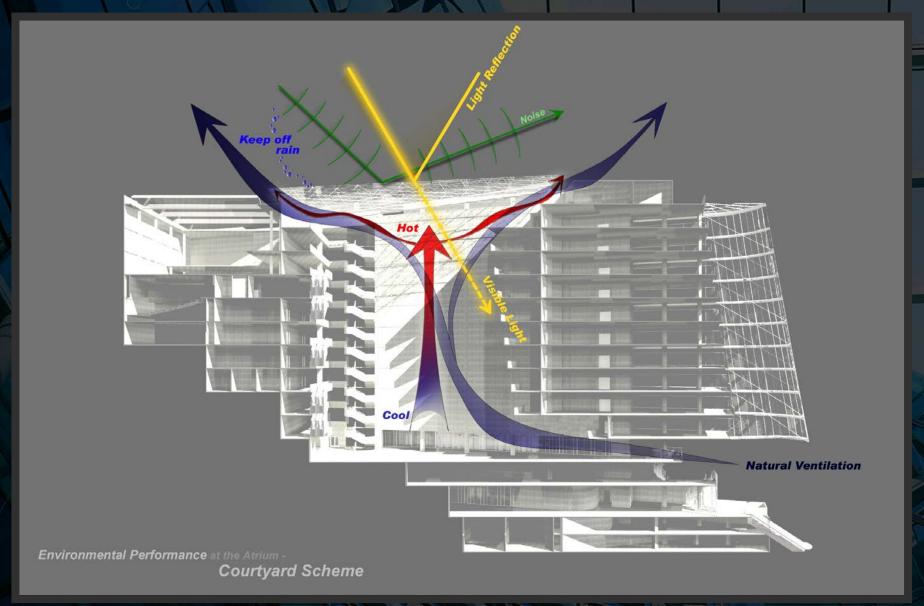




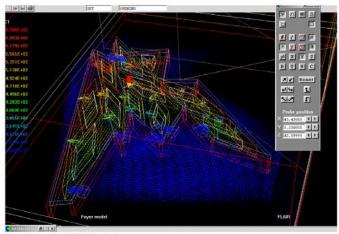




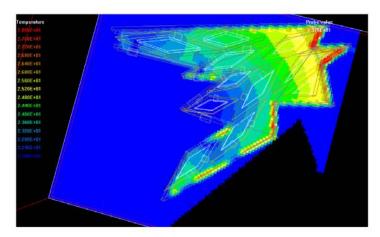




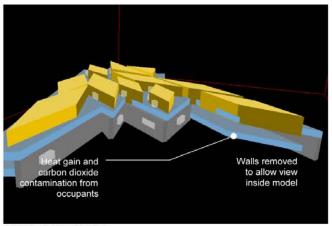
Environmental Performance of the Atrium



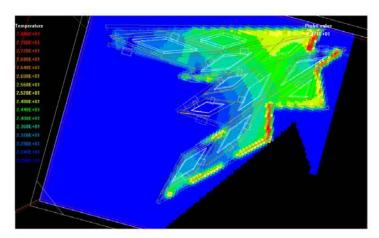
Building A CFD Model



Resultant Space Temperature With Openings As Drawn

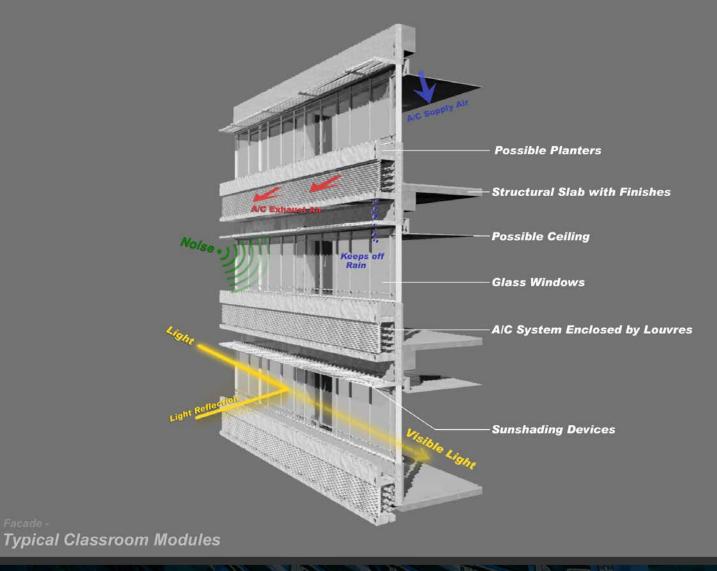


CFD Building Model



Improvement on Space Temperature With Additional Openings

Environmental Control Studies

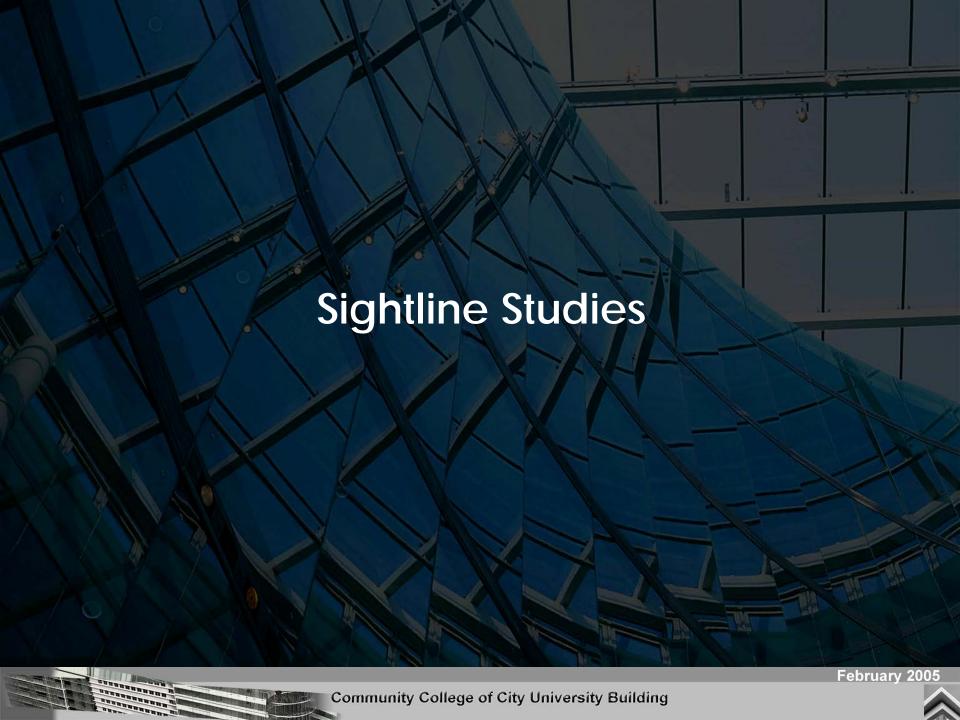


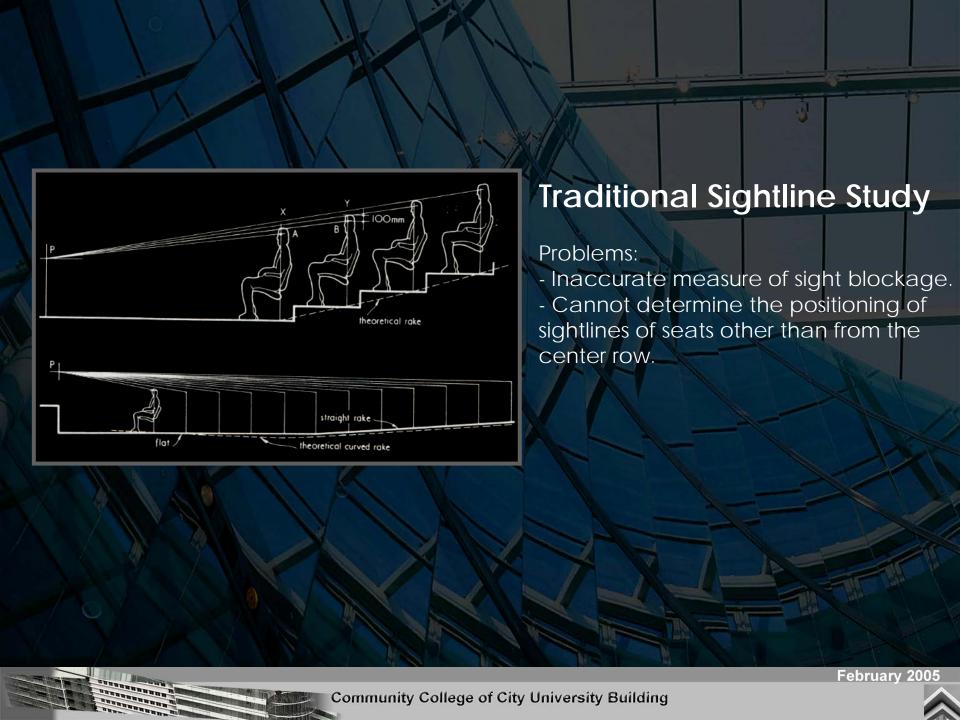
Façade Treatment

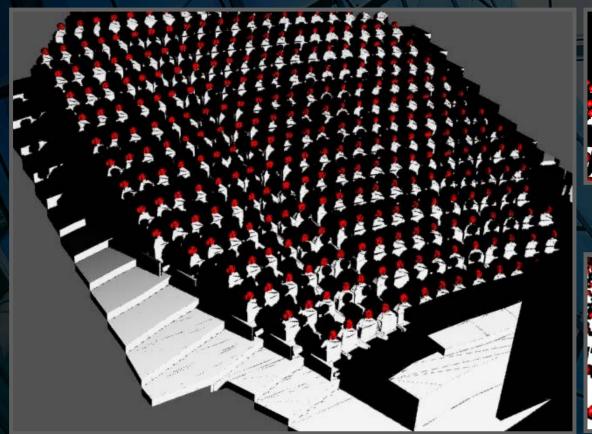
Analysis of the Facade -



Solar Study 21/12/2004 7:00am - 6:00pm









Unsatisfactory sightlines



Light Method

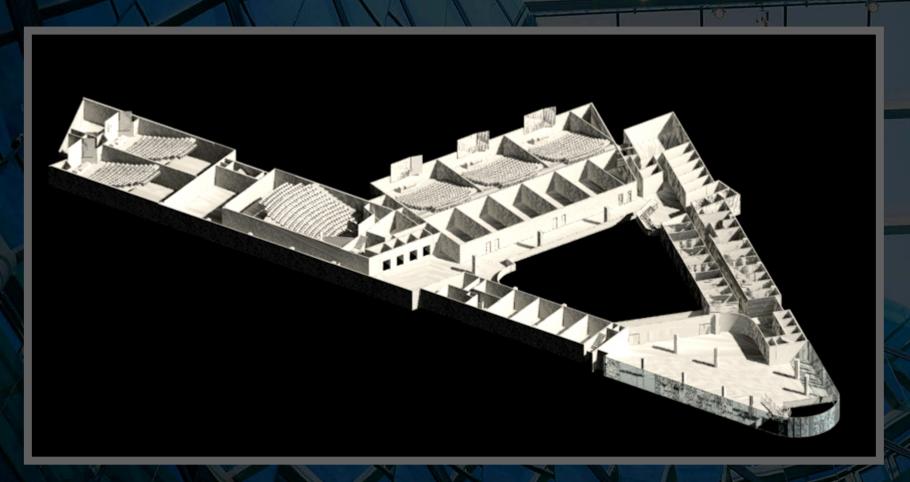
Satisfactory sightlines

Radiating Light Method



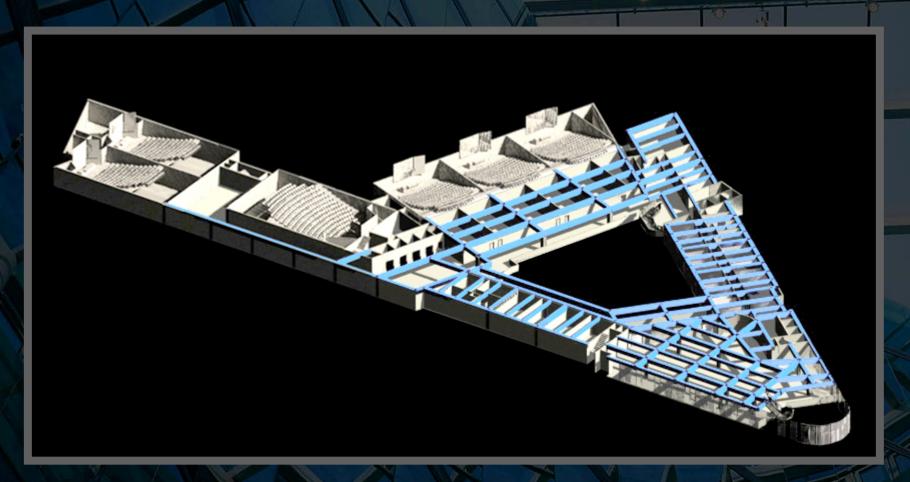
Lecture Theatre





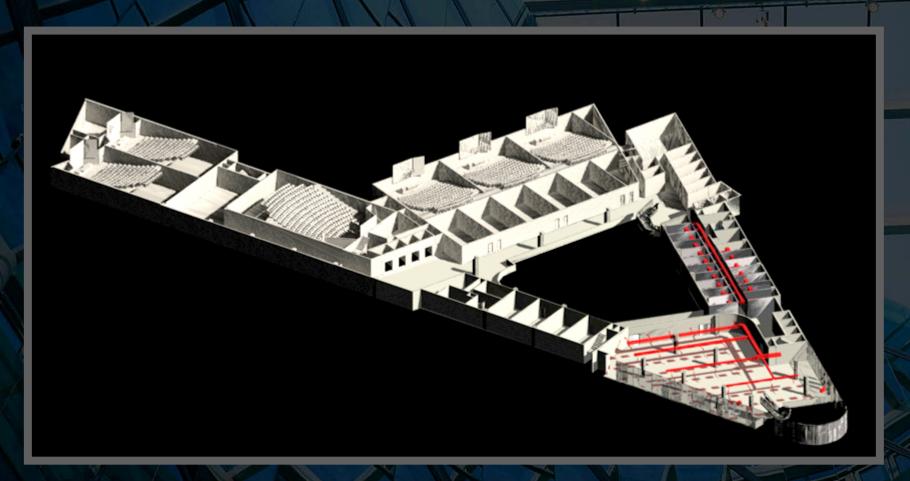
Architecture

Autodesk Architectural Desktop 2005 for Architecture



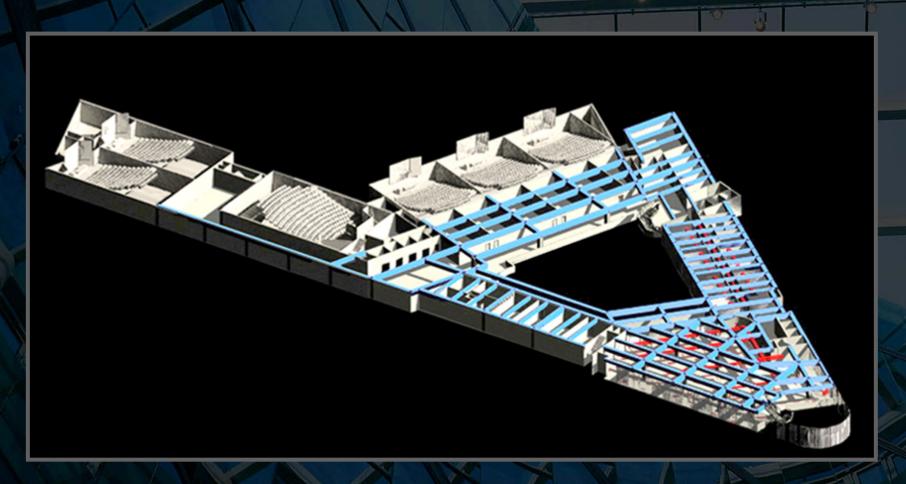
Architecture + Structure

Autodesk Architectural Desktop 2005 for Structure

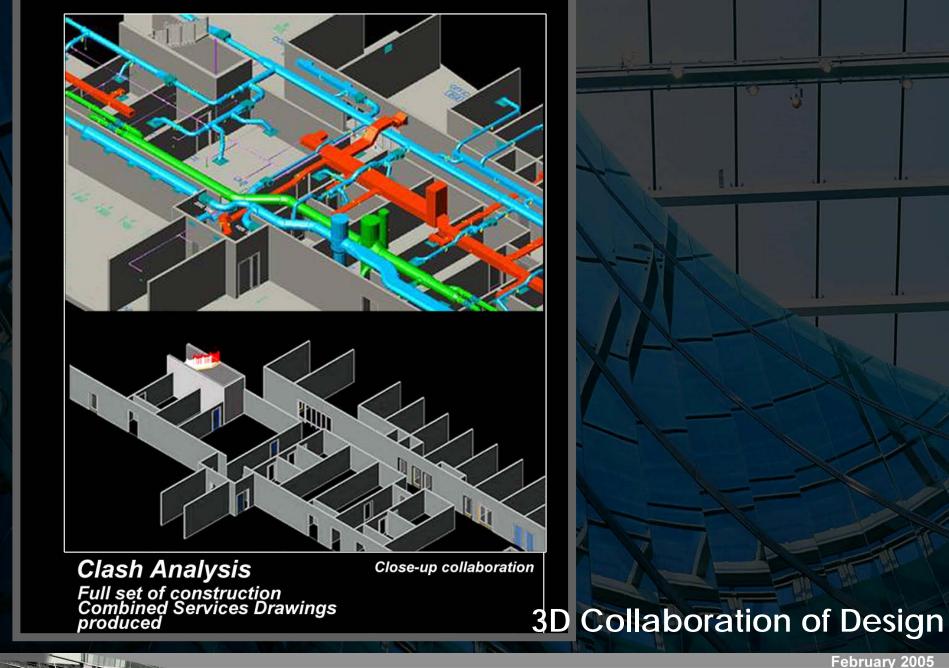


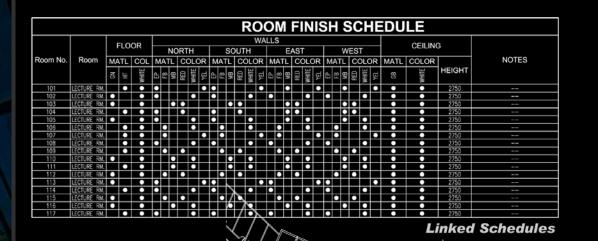
Architecture + E&M

Autodesk Building Systems 2005 for E&M



Architecture + Structure + E&M





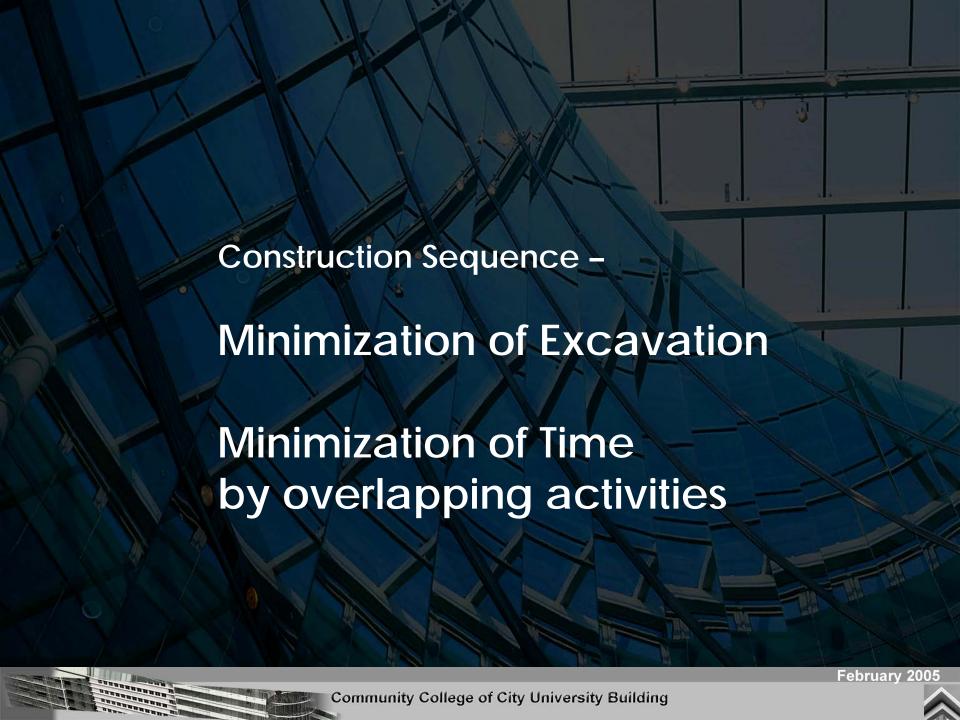
AREA SCHEDULE											
Room No.	Room	Dimension									
	ROOIII	Net Floor Area	Length	Width	Height						
101	LECTURE RM.	14m²	5641	5772	2750						
102	LECTURE RM.	13m²	5315	5772	2750						
103	LECTURE RM.	14m²	5677	5772	2750						
104	LECTURE RM.	14m²	5677	5772	2750						
105	LECTURE RM.	13m²	5315	5772	2750						
106	LECTURE RM.	14m²	5677	5772	2750						
107	LECTURE RM.	14m²	5677	5772	2750						
108	LECTURE RM.	12m²	5334	5303	2750						
109	LECTURE RM.	12m²	5230	4958	2750						
110	LECTURE RM.	12m²	5230	5303	2750						
111	LECTURE RM.	12m²	5334	5303	2750						
112	LECTURE RM.	12m²	5230	4958	2750						
113	LECTURE RM.	12m²	5303	5303	2750						
114	LECTURE RM.	12m²	5334	5303	2750						
115	LECTURE RM.	12m²	5230	4958	2750						
116	LECTURE RM.	12m²	5302	5303	2750						
117	LECTURE RM.	12m²	5334	5303	2750						

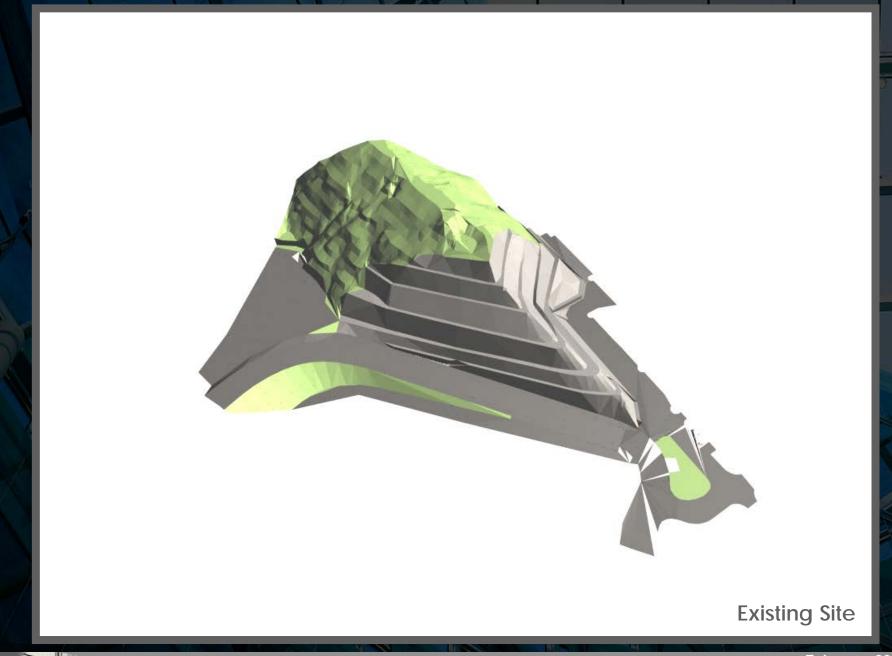


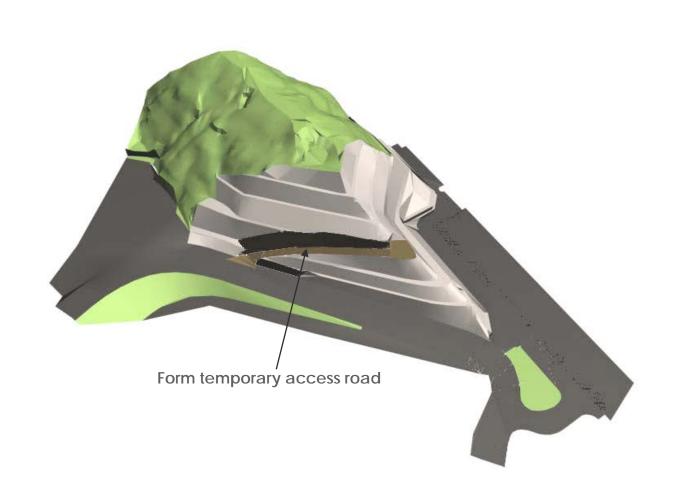
Change in model results in updating of schedules.											5.						
To See Buy Room Mark							DO	00	R A	ND	Ħ	RAN	ME S	CH	I EDU	LE	
Door Mark	·	DOOR					F				FRAME						
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Jose au		8	750	2000	50	TM		0	0	ST		T05	T06	T07	1/2HR		
		9	750	2000	50	TM		0	Ö	ST		T05	T06	T07	1/2HR		
		10 1	1800	2000	40		WG	0	0						2HR		
		11	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
		12	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
- \	7	13	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
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\ / /		15	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
		16	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
		53	750	2000	50	TM		0	0	ST		T05	T06	T07	1/2HR		
		54	750	2000	50	TM		0	0	ST		T05	T06	T07	1/2HR		
+ 50.85 8IF Part Plan		55	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
+ 30.03 SIT Part Plan		56	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
		57	900	2000	50	TM	TG	0	0	ST		T05	T06	T07	1HR		
17-18-		58	900	2000	50	TM	TG	0	0	ST		T05	T06	T07			
		59	900	2000	50	TM	TG	0	0	ST		T05	T06	T07			
		60	750	2000	50	TM		0	0	ST		T05	T06	T07			
		61	900	2000	50	TM	TG	0	0	ST		T05	T06	T07			
	ζ	62	900	2000	50	TM	TG	0	0	ST		T05	T06	T07			
Collaboration of Information in Documentation & Construction Stage	•	63	900	2000	50	TM	TG	0	0	ST		T05	T06	T07			
Construction Stage		64	900 I	2000 I	50	TM	TG	n	n	ST	1	T05	T06	T07			
	1000			100			1000			0.00							

Interactive

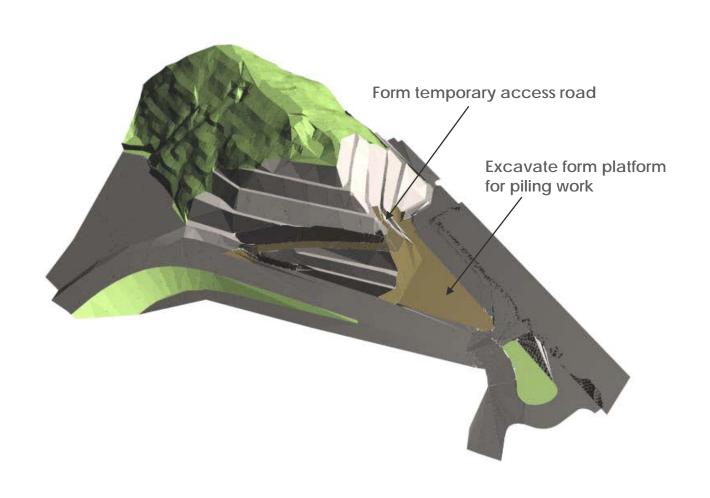
Interactive Collaboration of Information



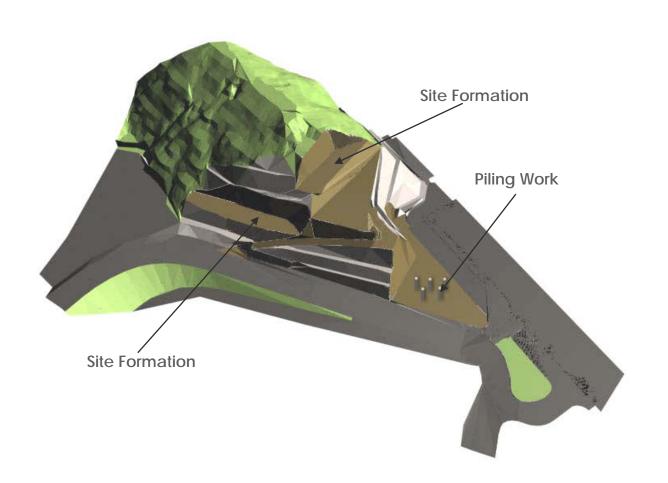




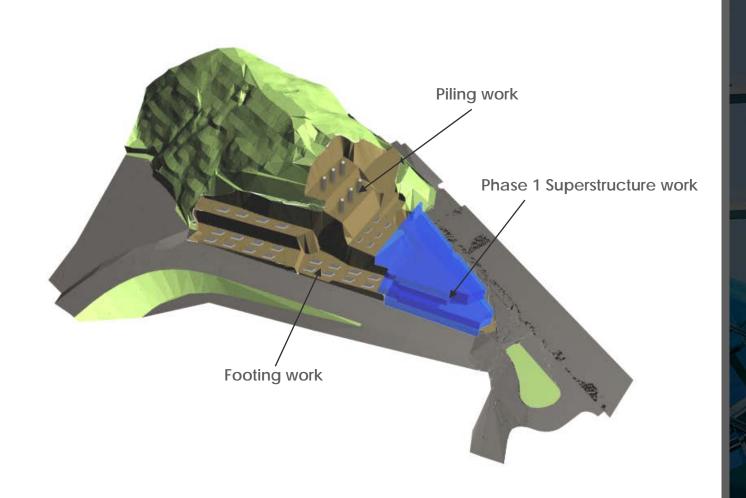
Stage 1

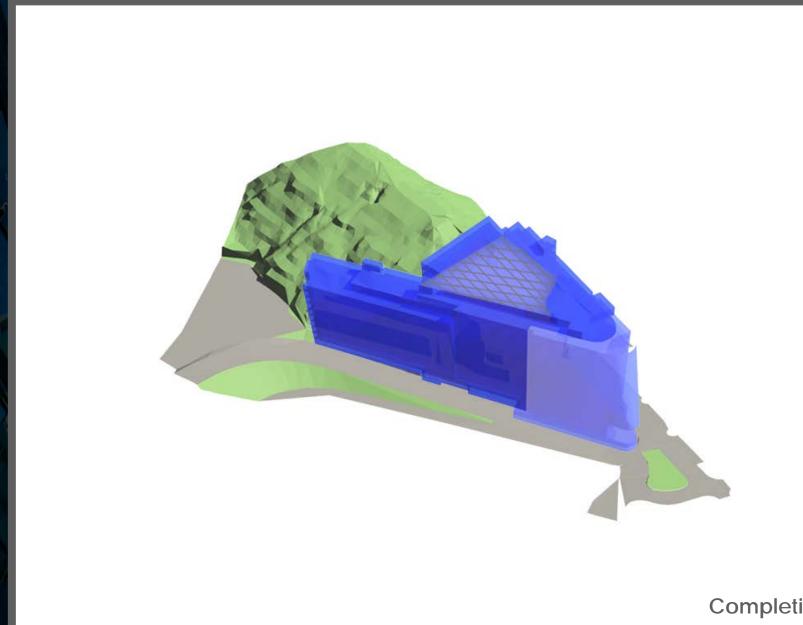


Stage 2

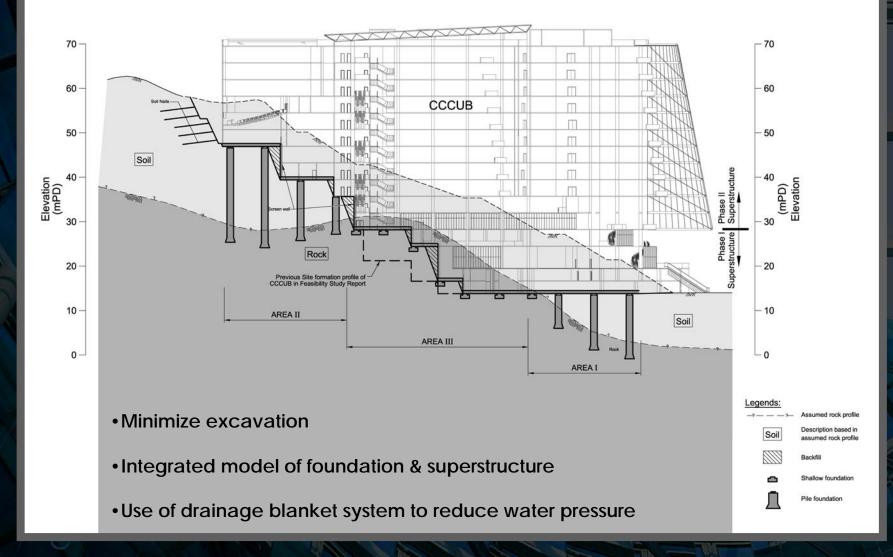


Stage 3



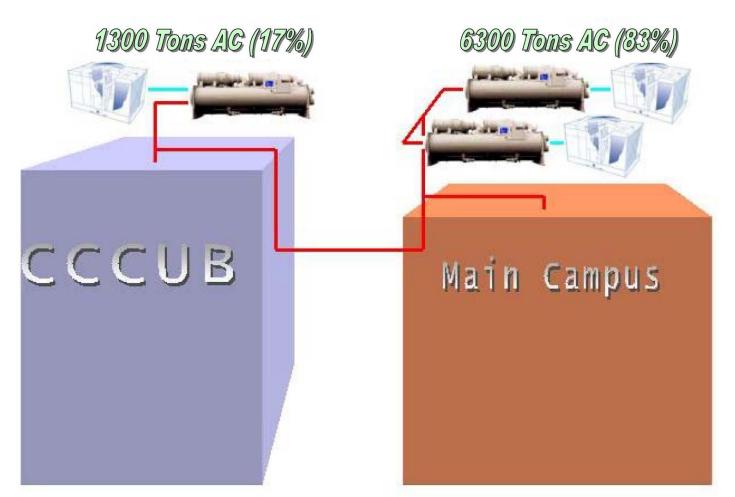


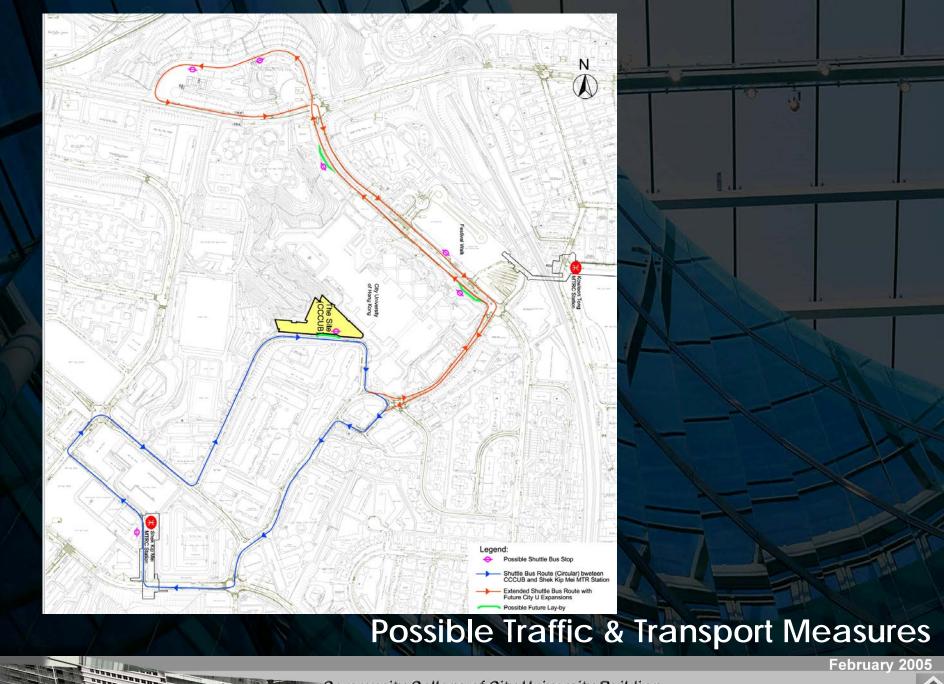
Completion



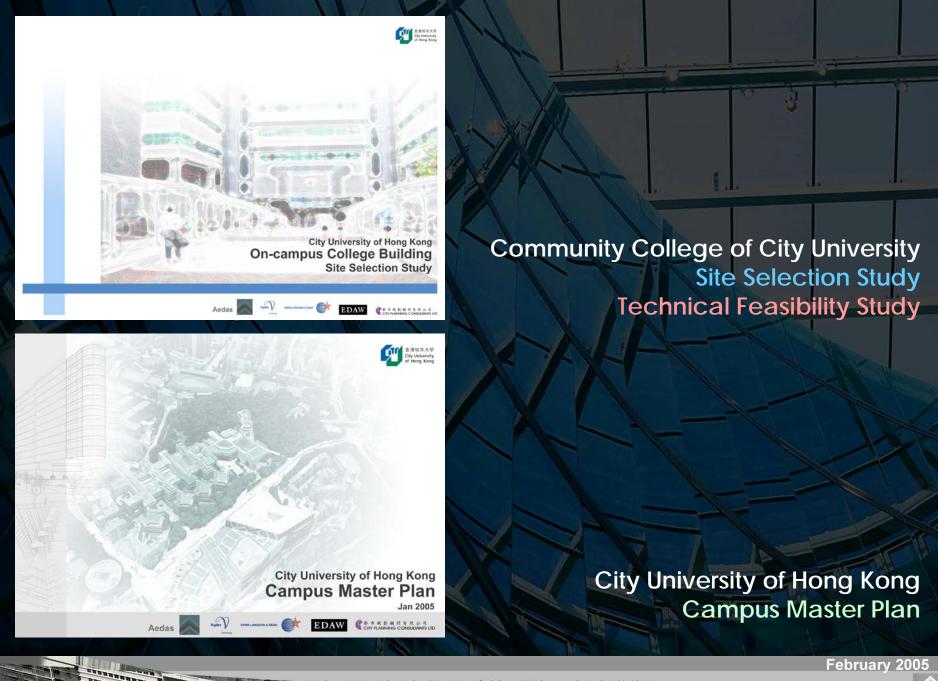
Foundation

Chiller Plants Serving CCCUB with Chilled Water Connection to Main Campus Chiller Plant as Backup













Hong Kong Institute of Architects (HKIA) Medal of the Year 2002

> 30 Classrooms US\$10.14m (HK\$79m)



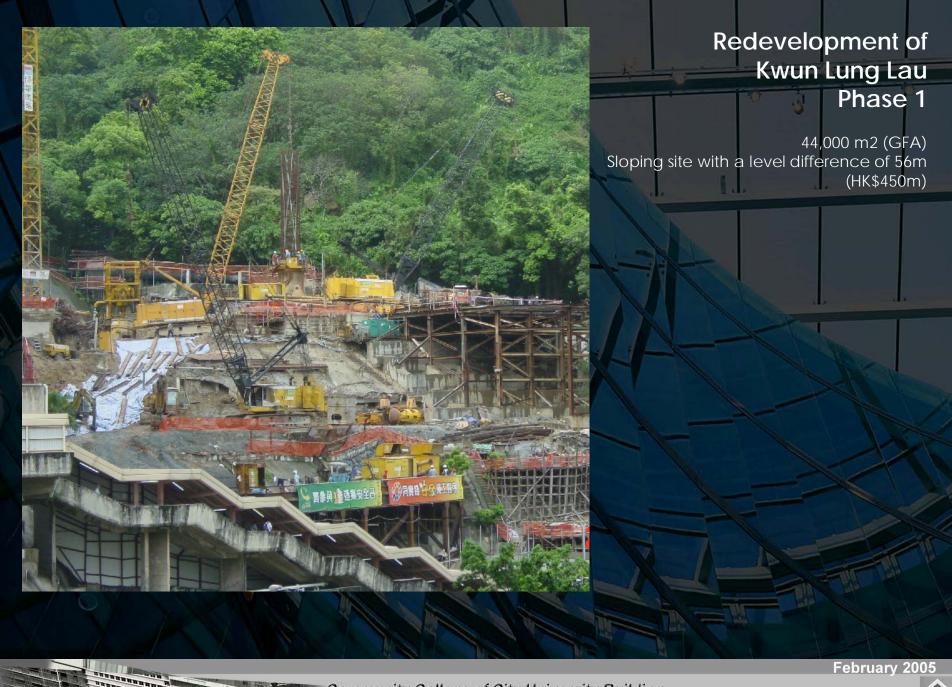


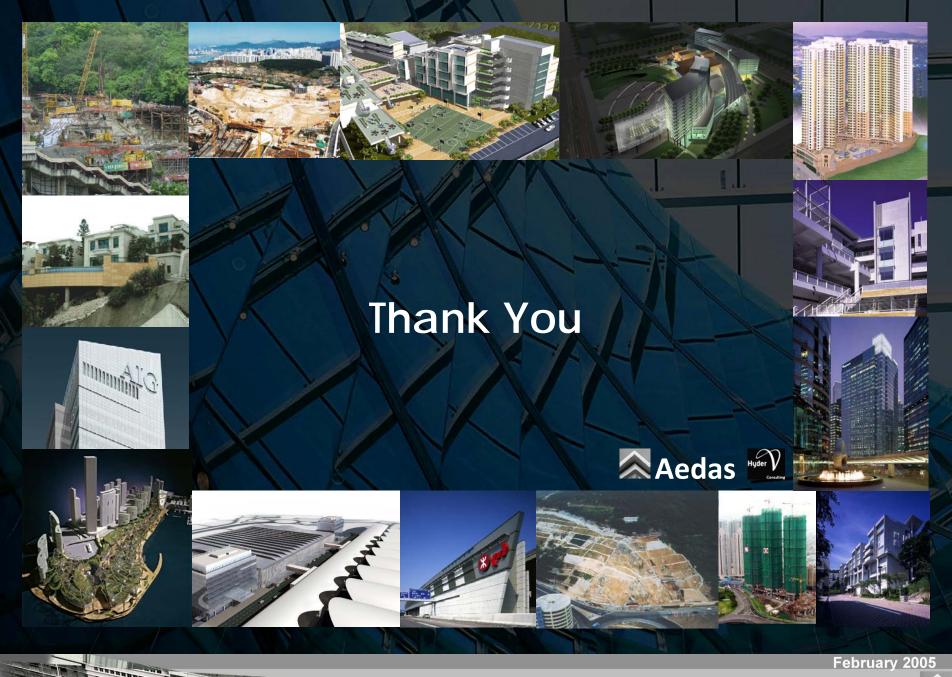


The Evangelical Through-train Primary and Secondary Schools

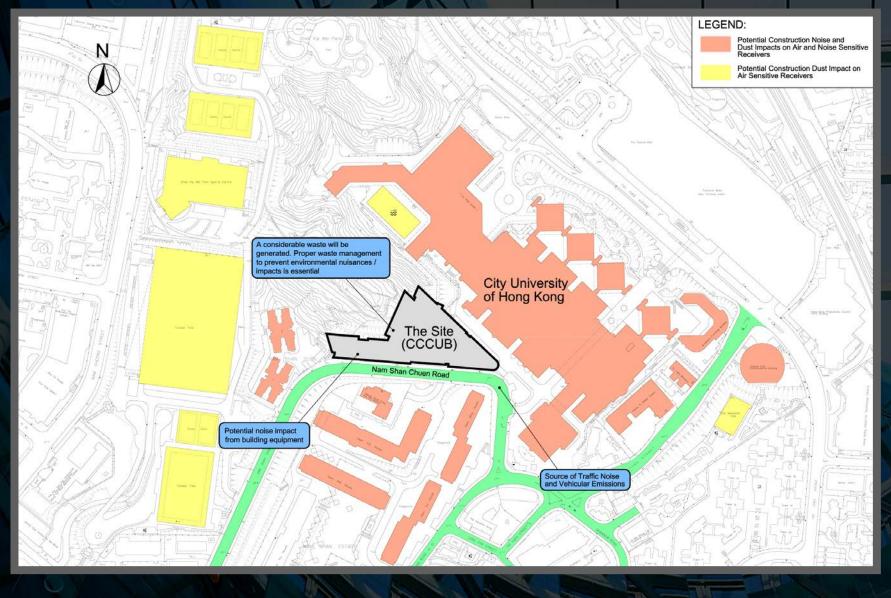
First Prize for the "In Search of Diversity for School Design" Competition

22,000 m2 (GFA) 30 Classrooms US\$23.39m (HK\$182.2m)

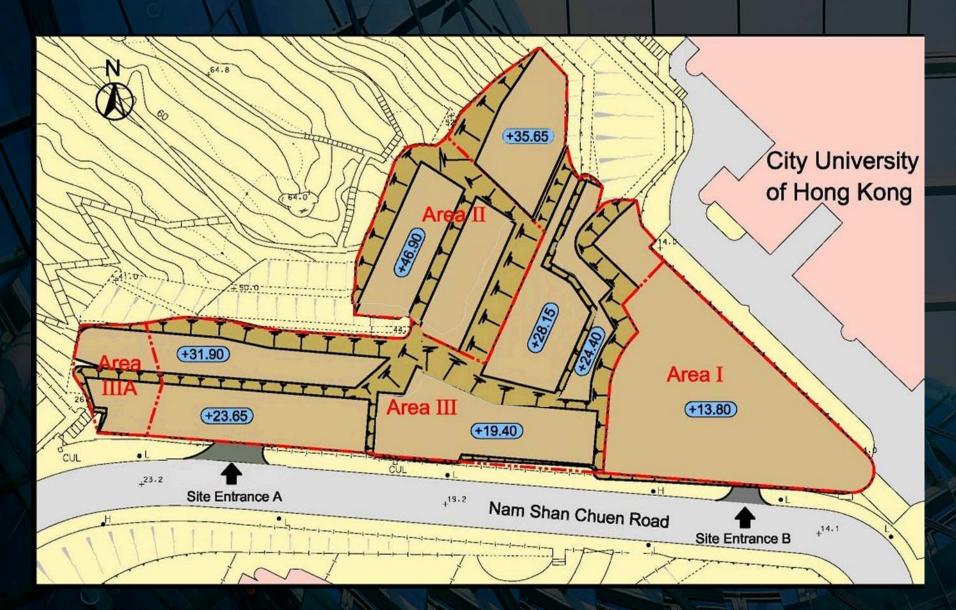








Environmental



Phasing of Excavation

