

# Virtual Project : 沁源縣博愛學校

Facilitator:

David Fung

*Hong Kong Institute of BIM Board Member  
HKIA Registered Architect  
AIAB immediate past Chairman*

Theme:

*Objective:*

- To build up a virtual project as a training media so that the attendees can practice using Revit and other software and learn from the process.
- To experience the collaborative nature in BIM.
- To find out any issues with existing building design and contribute to the school

*When:*

- July to September 2011
- report the result in ALAB Conference

*Venue:*

- Summit Technology (Hong Kong) Ltd
- Synnex Group

*Project Coordination:*

Coordinator: Michael Chan Autodesk Technical Manager

Project Owner: David Yau

## Participants

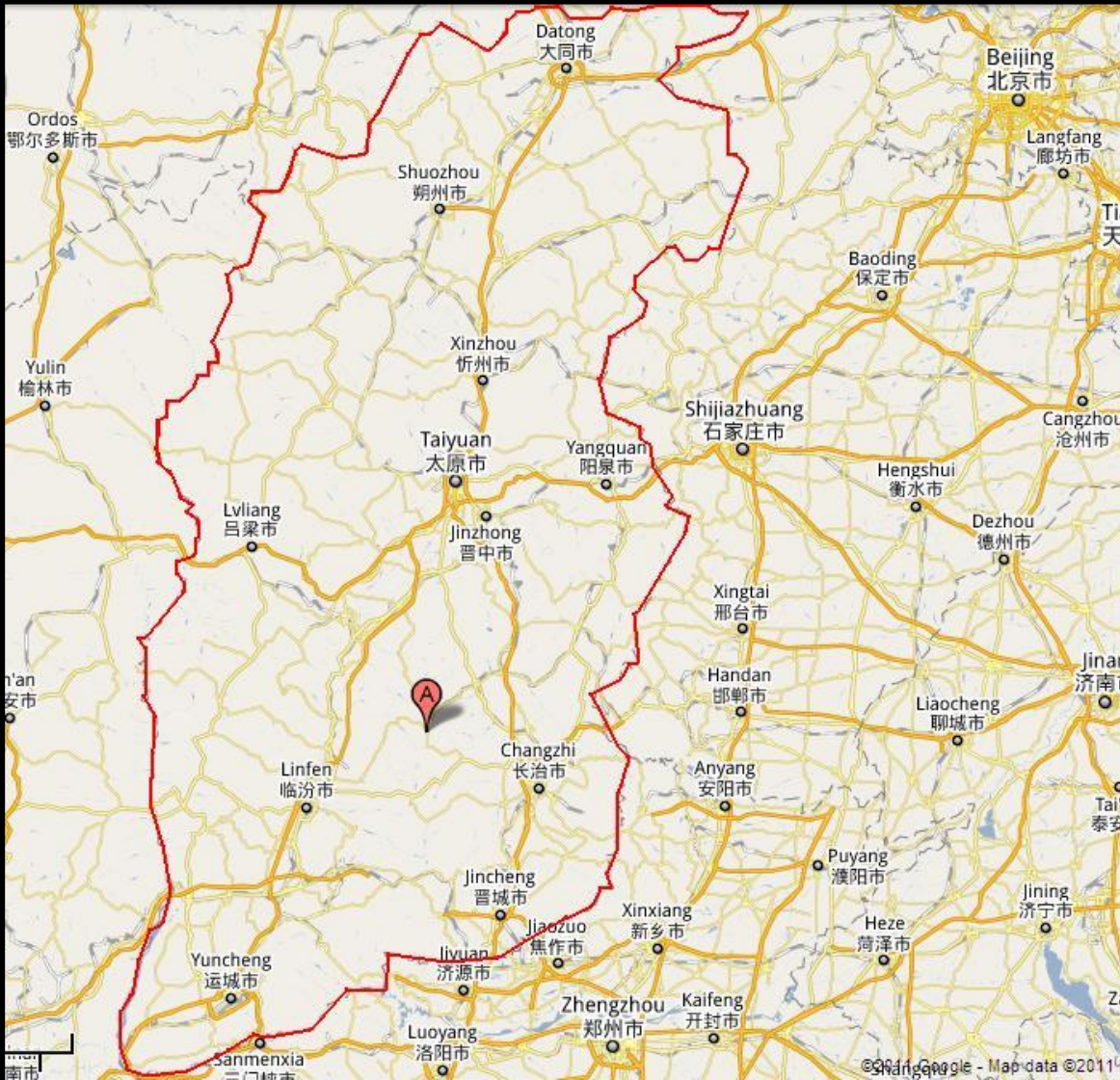
<i>Discipline</i>	<i>Technical Advisor</i>	<i>Trainer</i>	<i>Professionals Team</i>
Architecture	David Fung (Architect)		1 from MTRC 3 from ASD
Structure	Alan	Engineer from WSP	1 from MTRC
Building Services	Kwok TW	Michael Kwan / Gordon Yu	2 from MTRC 2 from EMSD
Civil	Eric Tang		1 from CSCEC
Environmental	Dickson Mak		

## *Student Team*

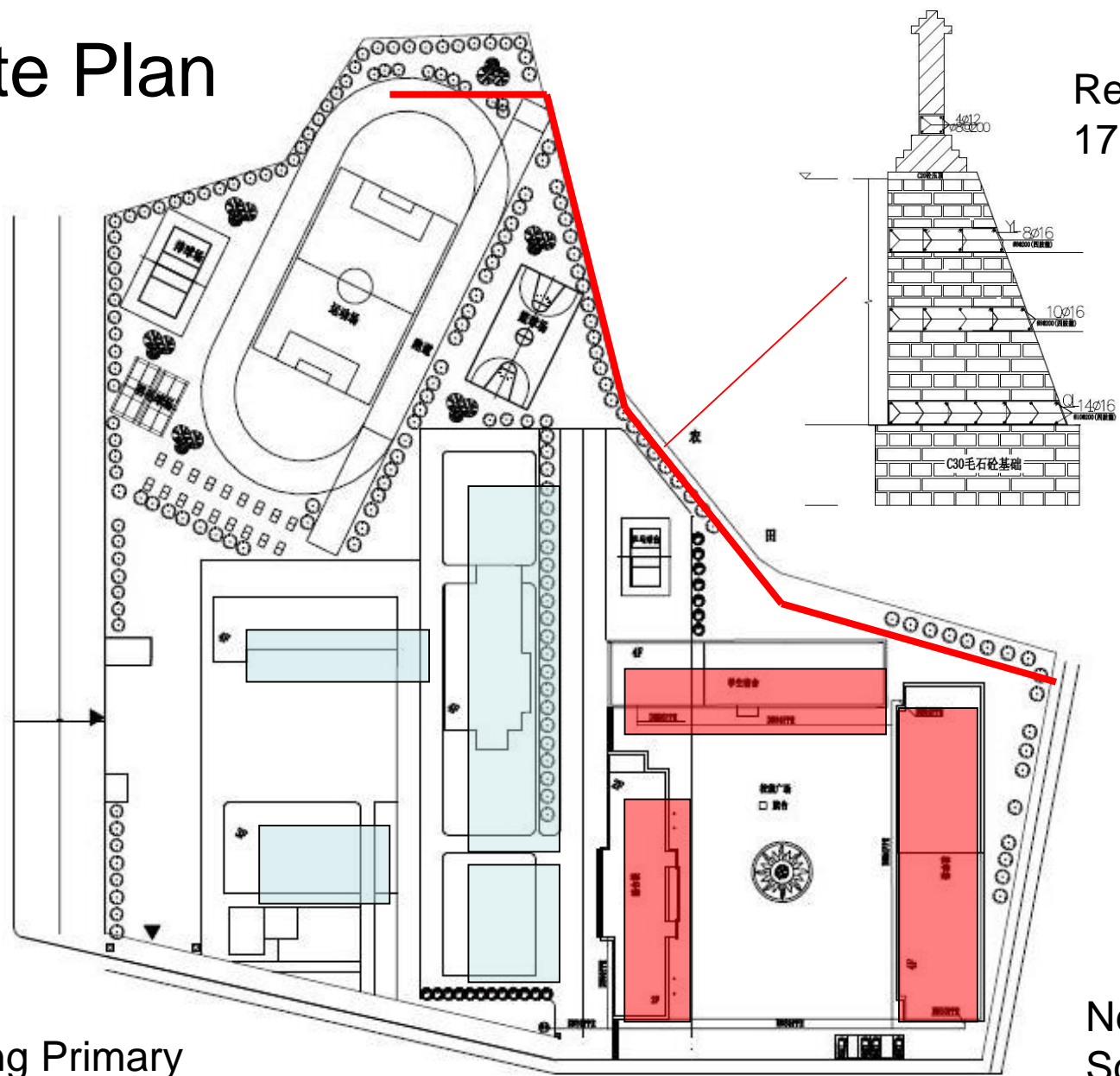
Students from IVY, Tsing Yi



# 沁源縣馮村博愛學校 Location Plan



# Site Plan



Retaining wall to 17m on side



比例	1: 500
单位	米
占地面积	9000平方米
建筑面积	1473平方米
图例	
——	DN80PPR
——	DN50PPR

Existing Primary School in Blue

New Middle School in Red

沁源县冯村博爱学校给水管网总平面示意图 1:500

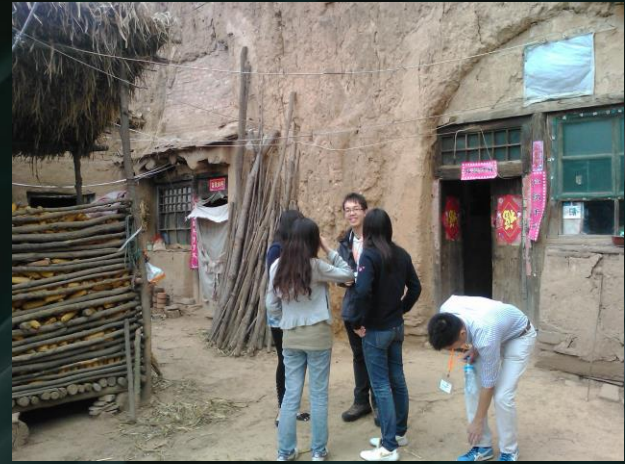


# Site Photo





# The “original” primary school and adjacent village cave dwellings







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Innovate  
and Win



