

OBJECTIVE

9 MODEL SCHOOLS
8 TOWNSHIPS

DESIGN CRITERIA

45 STUDENTS—
2 TEACHERS
100 STUDENTS—
3 TEACHERS
250 STUDENTS—
5 TEACHERS

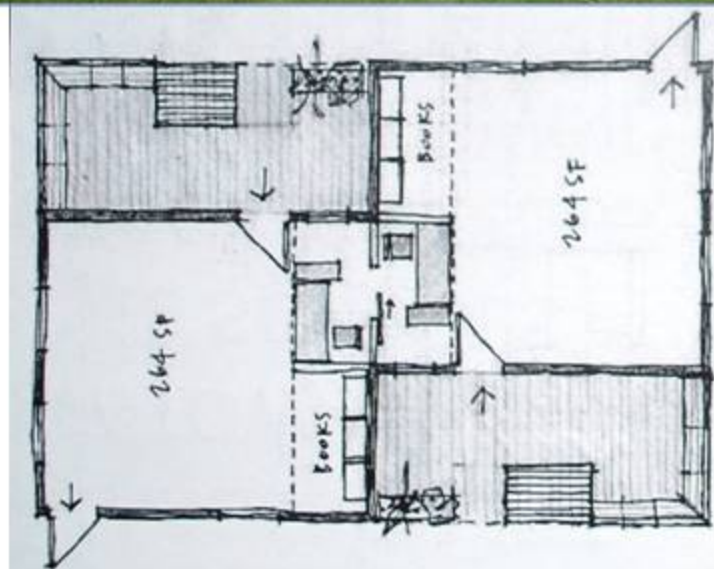
FOCUS

BUILD CHILD FRIENDLY
SCHOOLS THAT CAN
BE USED AS
“SHELTERS”

COMPONENTS

WATER & SANITATION
CLASSROOMS CONDUCIVE
TO LEARNING
LIBRARY
PLAYGROUND

CHARACTERISTICS



CYCLONE PROOF

EARTHQUAKE RESISTANT

FUNCTION AS SHELTER

TRADITIONAL ARCHITECTURE

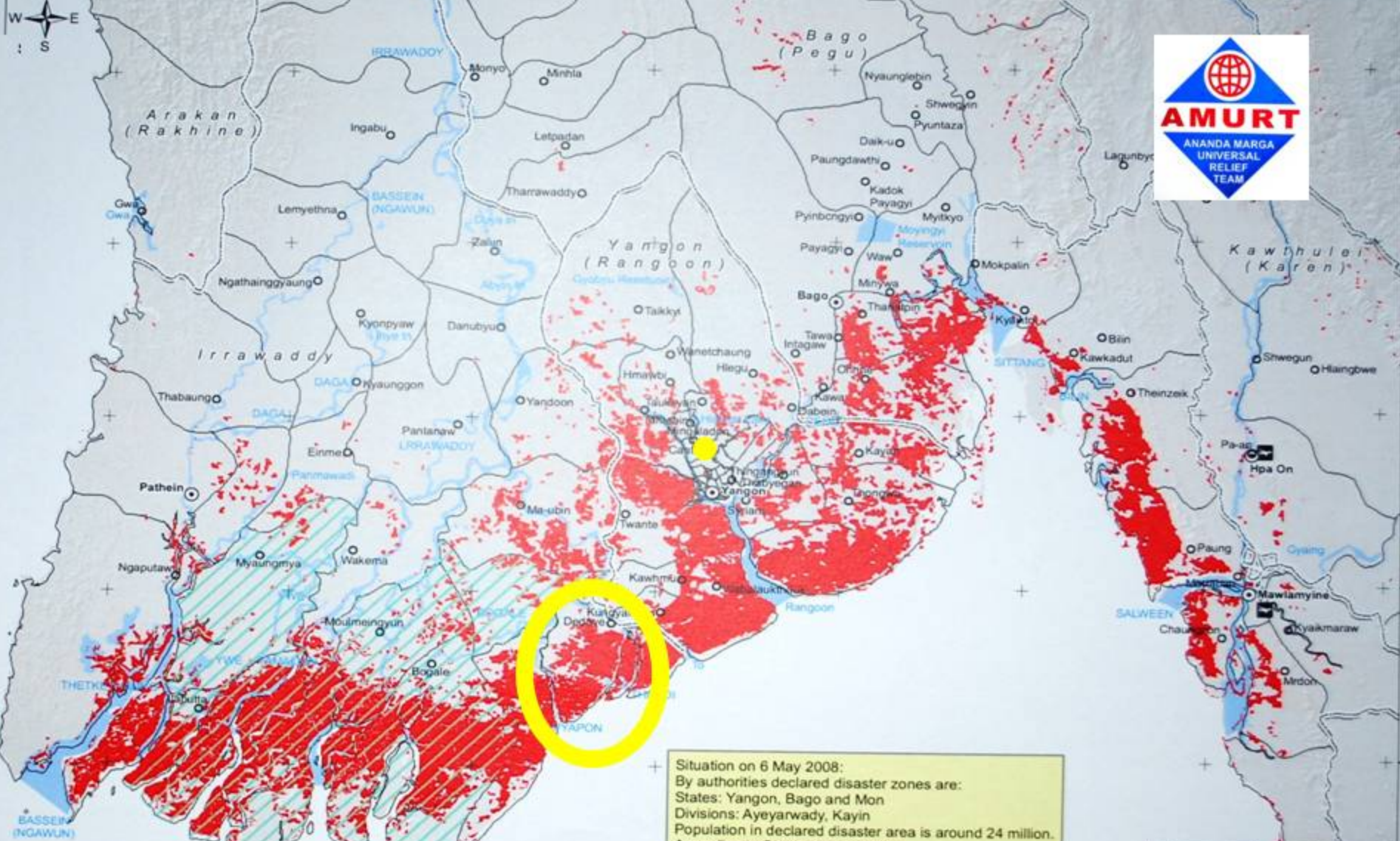
CONDUCTIVE LEARNING SPACE

MINIMUM NOISE

SUPPORTIVE OF CWD

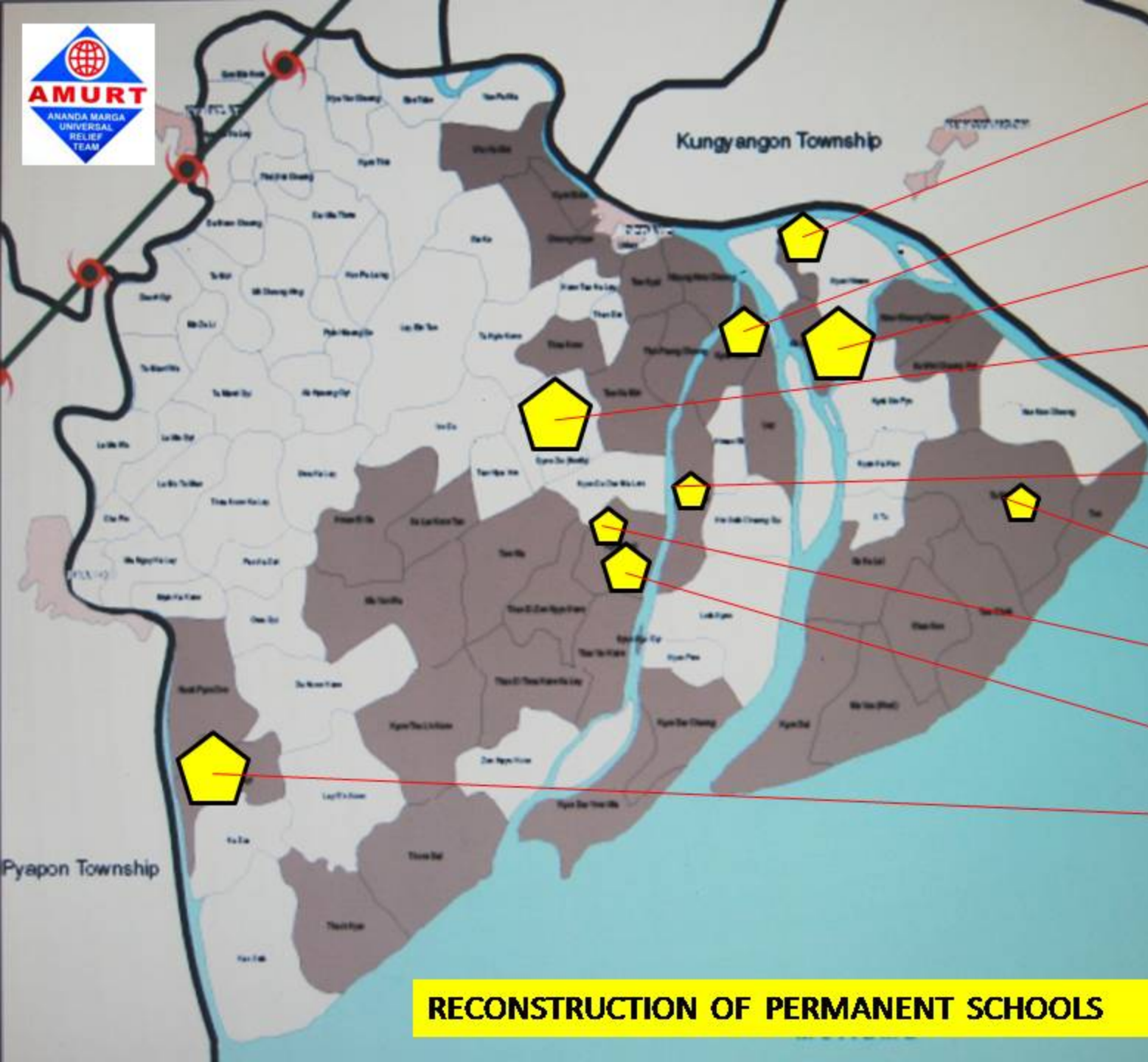
DESIGN COMPARISON

ORIGINAL DESIGN	REVISED DESIGN	MINISTRY DESIGN
TIMBER STRUCTURE	RC AND WOOD	RC STRUCTURE
a) RC FOUNDATION	a) RC FOUNDATION	a) RC FOUNDATION
b) TIMBER COLS, BEAMS	b) RC COLS, BEAMS	b) RC COLS, BEAMS
c) TIMBER WALLS	c) BRICK+WOOD WALLS	c) BRICK WALLS
d) TIMBER ROOF	d) TIMBER ROOF	d) TIMBER ROOF
REQUIRES 263 TONS OF WOOD. FAST CONSTRUCTION AND GOOD QUALITY CONTROL.	REDUCES THE USE OF WOOD BY 60 %, INCREASES RC DESIGN, AND KEEPS TIME FRAME.	MAJOR LOGISTICAL OPERATION THAT WILL INCREASE COST AND CONST. TIME.



Situation on 6 May 2008:
By authorities declared disaster zones are:
States: Yangon, Bago and Mon
Divisions: Ayeyarwady, Kayin
Population in declared disaster area is around 24 million.
According to State media reports:
- 22,500 deaths and 41,000 missing
- 10,000 are reported to have died in Bogalay
- high casualty figures reported in these locations:
- Labutta (Laputa)
- Bogalay
- Myaungmya
- Ounpin (Onbin)
- Kyaklat
- Mawlamyinekyun





Kyauk Sa Yit

Kyon Chin

Ah Sei Ka Lay

**Ah Seik Taw Ka
Man**

Than Hpet

Su Ka Lat

Kyon Kyat (Hut)

Kyon Kyat (Hpa)

Ma Ngai Gyi

RECONSTRUCTION OF PERMANENT SCHOOLS



