

## FIRE SERVICES NOTES

## 1. Fire Hydrant/Hose Reel Systems

- A hose reel systems consisting of      hydrant      hose reel to be provided as indicated on plans.
- Sufficient hydrants and hose reels to be provided to ensure that every part of the building can be reached by a length of not more than 30m of Fire Services hose or hose reel tubing.
- A water tank with a capacity of 36,000 litres to be provided for the Fire Hydrant Systems.

## 2. Fire Alarm System

- A manually operated fire alarm system to be provided throughout the building and to be incorporated in the HR system.
- One actuating point and one audio warning device to be located at each hose reel point. This actuating point should include facilities for fire pump start and audio warning device initiation.

## 3. Fire Detection System

Heat detection system to be provided to the factory area and also switch room and pump room and all areas not covered by sprinkler system and to be incorporated in the alarm of HR installation.

## 4. Emergency Lighting &amp; Exit Signs

- Emergency lighting to be provided throughout the entire building and all exit routes leading to ground level.
- Emergency lighting to comply with B.S. 5266: Part 1: 1975
- Exit signs to be internally illuminated bearing the word and characters "EXIT" in block letters and characters of not less than 125mm high with 15mm strokes.

## 5. Portable Hand-Operated Approved Appliances

The following equipments to be provided as indicated on plans:-

- 9-litre water/CO<sub>2</sub> P.E.
- 1.5 kg B.C.F.P.E.
- 2 buckets of sand

## 6. Others

- All linings for acoustic and thermal insulation purposes in ductings and concealed locations shall be of class 1 or 2 Rate of Surface Spread of Flame as per British Standard 476: Part 7: 1971 (revised 1987) or its international equivalent, or be brought up to that standard by use of an approved fire retardant product.
- All linings for acoustic, thermal insulation and decorative purposes within protected means of escape shall be of Class 1 or 2 Rate of Surface Spread of Flame as per British Standard 476: Part 7: 1971 (revised 1987) or its international equivalent, or be brought up to that standard by use of an approved fire retardant product.
- Any intended storage or use of dangerous goods as defined in Chapter 295 of the Laws of Hong Kong should be notified to the Director of Fire Services.

7. Fire service and sprinkler inlets to be provided at the positions indicated.

8. A water tank with a capacity of not less than 36,000 litres to be provided to supply the sprinkler system.

9. A sprinkler annunciator panel to be provided to indicate the floor upon which sprinklers are operating.

10. The control and annunciator panels of all fire protection system to terminate in 'FIRE CONTROL ROOM' at ground floor level.

11. Standard requirements for emergency electrical generator (NP/105) to be complied with.

12. Dynamic smoke extraction system to be provided.

13. The automatic sprinkler system shall be linked to the manual fire alarm system and automatic fire detection system and fire service communication centre by direct line.

14. The openable window area provided to be not less than 6.25% of the usable floor area.

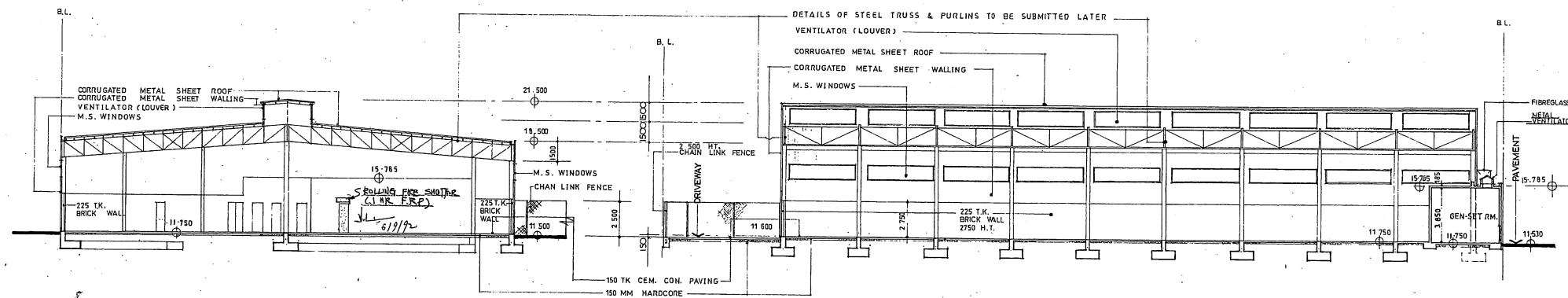
Plan Approved  
E. LOK Che-leung  
FOR BUILDING AUTHORITY  
17 SEP 1992

AMENDMENTS PLAN

17 AUG 1992

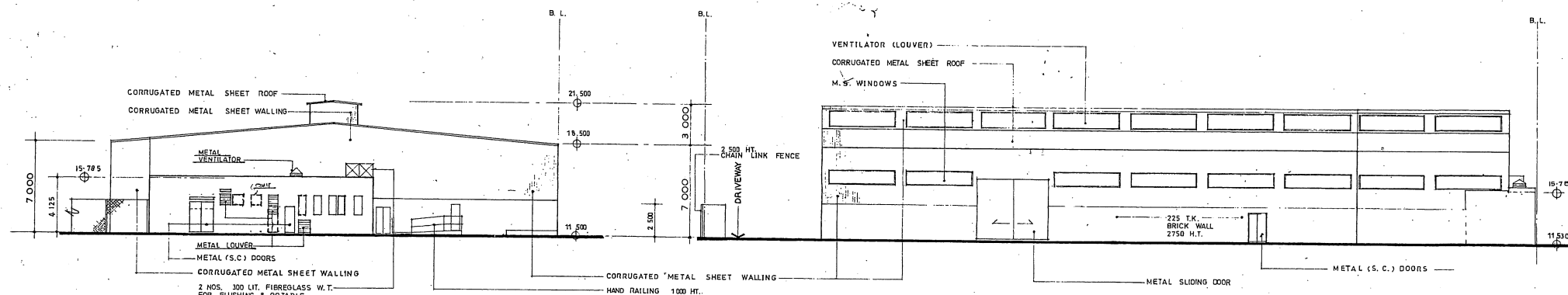
<b>HO SAI LEUNG</b> Dip Arch. A.R.I.B.A., A.R.C.A.I.K. CHARTERED ARCHITECT 15TH FLOOR ILM TOWER, 5 O'BRIEN ROAD, HONG KONG TEL. NO. 832 8832 (4 LINES)		
PROJECT PROPOSED FACTORY BUILDING - PHASE I AT ON LOK TSUEN, FANLING SHEUNG SHUI TOWN LOT NO. 91.		
SCALE 1:200	DATE APRIL, 1991	IGN. NO. 125
DRAWN BY HOWARD HO	CHECKED BY	DRG. NO. GI-2/3 B

REVISION	DESCRIPTION	APPROVAL DATE
1	2750 H.T. BRICK WALL ADDED	



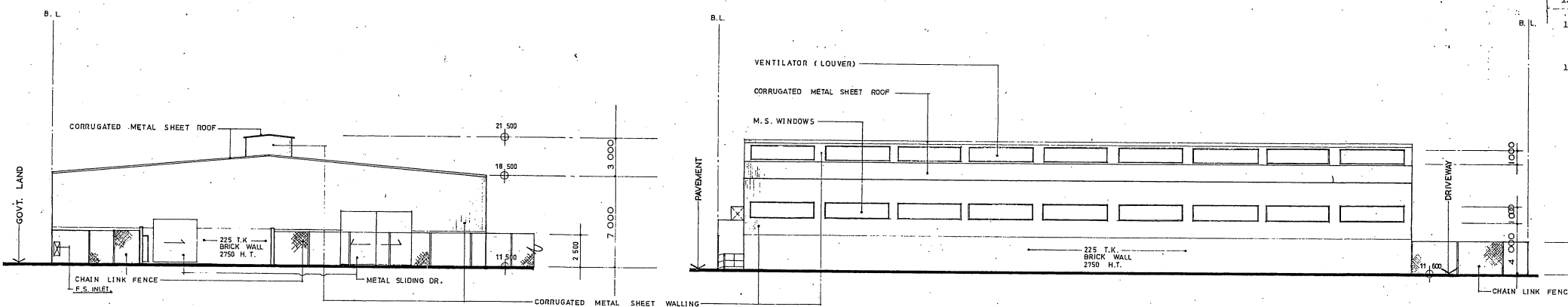
A SECTION

B SECTION



1 ELEVATION FACING SHA TAU KOK ROAD

3 ELEVATION FACING NORTH EAST



2 ELEVATION FACING ON LOK MUN ROAD

4 ELEVATION FACING SOUTH WEST