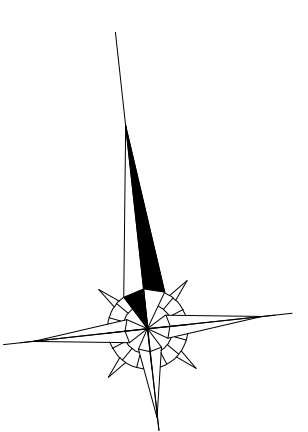


ATLAS COPCO



SITE PLAN REFER TO ENLARGED SITE PLAN ON DWG No A2
1:500

- LEGEND:**
- 9.95m REFER TO EXISTING NATURAL GROUND LEVELS & REFERENCE POINTS
 - 10.27 REFER TO FINISH FLOOR AND PAVING SURFACE LEVELS
 - MAINTAIN MIN FALL OF 1:100 TO ALL EXTERNAL PAVING TO SOAKWELLS

- GENERAL NOTES**
- 1). BUILDING CLASSIFICATION: CLASS 5, 7, & 8
 - 2). FIRE RESISTING CONSTRUCTION: OFFICE TYPE "C"
WAREHOUSE/WORKSHOP TYPE "B"
 - 3). EXIT SIGNS AND EMERGENCY EVACUATION LIGHTING IN ACCORDANCE WITH BCA E4.2, E4.5, & E4.6
 - 4). SMOKE HAZARD MANAGEMENT IN ACCORDANCE WITH BCA TABLE E2.2
 - 5). PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH BCA E1.6
 - 6). OPERATION OF DOOR LATCHES IN ACCORDANCE WITH BCA D2.1
 - 7). MECHANICAL VENTILATION & AIR CONDITIONING SYSTEM OF ROOMS TO TOILET AMENITIES & OFFICES WHERE STATED BELOW, IN ACCORDANCE WITH AS 1688.2 & AS/NZS 3666.1
 - 8). NATURAL VENTILATION OF EACH WAREHOUSE / WORKSHOP UNIT IN ACCORDANCE WITH BCA F4.6 - REQUIRED 3% OF FLOOR AREA.

WAREHOUSE & WORKSHOP	2,160sqm x 0.03	= 108.00sqm
PROVIDED BY: ROLLER SHUTTER OPENINGS	6,00x6.00 = 36.00sqm	
	6,00x5.40 = 32.40	
	5,00x5.40 = 43.20	
PA Doors 4 Off	4 x 85x2.03 = 6.90	
Inlet air to top of dado wall panels		
60% of 0.425x121.00m = 30.80		
TOTAL PROVIDED		149.30sqm
 - 9). COMPARTMENTATION AND SEPARATION IN ACCORDANCE WITH BCA C2.2
 OFFICE & WAREHOUSE/WORKSHOP SHALL BE SEPARATE FIRE COMPARTMENTS WITH SEPARATING FIRE WALLS FRL 240/240/240 WITH COMPARTMENT HAVING THE FOLLOWING TOTAL FLOOR AREA

GROUND & FL OFFICE 201,30sqm x 2	= 403.00sqm
VOLUME WITH 2.70m CEILING HEIGHT 403x2.70m	= 1,088.10cubm
WAREHOUSE/WORKSHOP GBA	= 2,188.00sqm
VOLUME TO UNDERSIDE OF ROOF CLADDING 282.40sqm (Section) x 7.221m	= 20,406.50cubm

 OCCUPANCY OF WORKSHOP SHALL NOT COMPRISE OCCUPANCY OF EXCESSIVE FIRE HAZARD AS STATED IN BCA SPECIFICATION E1.5 CLAUSE II - OCCUPANCIES OF EXCESSIVE FIRE HAZARD.

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<p>Project: As Shown Date: Jan 2008 Drawn: dib Checked: [] Project No: A 1(d)</p>		