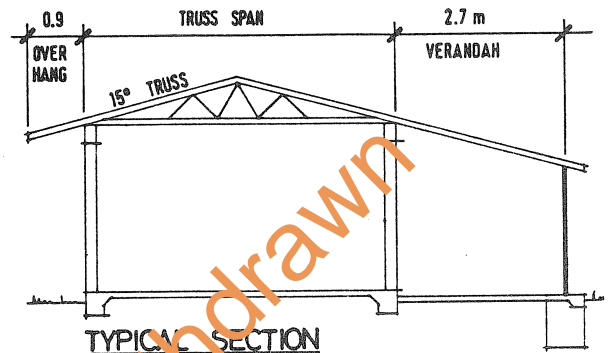
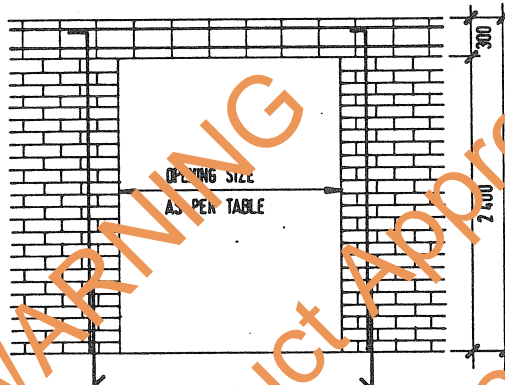


TYPICAL PLAN

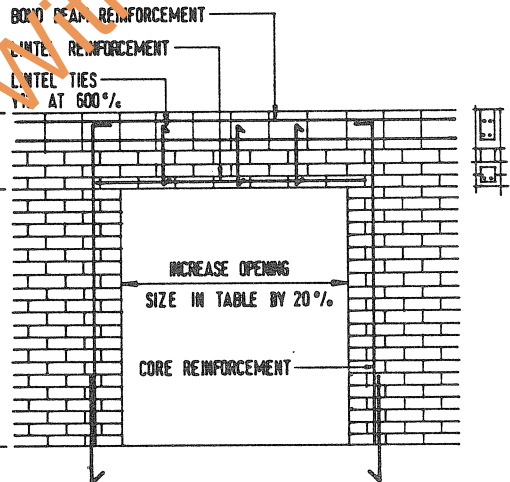
MAXIMUM % OPENINGS TO TOTAL WALL RUN = 60%



TYPICAL SECTION



(A) FULL HEIGHT OPENING
(OPENING FROM TABLE BELOW)



(B) LINTEL OPENING

(ADD 20% TO OPENINGS IN TABLE)

LINTEL REINFORCEMENT:

2Y12 UP TO 2700 FINAL OPENING SIZE
2Y16 = 2700 FINAL OPENING SIZE

COMBINED UPLIFT & HORIZONTAL LOAD

TRUSS SPAN	VERANDAH OR OVERHANG	MAXIMUM SUGGESTED OPENING SIZE FOR BOND BEAM WITH		SUGGESTED CORE R/F ADJACENT OPENING
		4 Y12 BARS	4 Y16 BARS	
TERRAIN CATEGORY 2:				
6 m	0.9 m O/H	1.8	2.5	<ul style="list-style-type: none"> ● Y16 up to 2.0 opening ● Y20 greater than 2.0m
6 m	2.7 m VER	1.6	2.3	
8 m	0.9 m O/H	1.5	2.1	
8 m	2.7 m VER	1.4	2.0	
TERRAIN CATEGORY 2½:				
6 m	0.9 m O/H	2.2	3.0	<ul style="list-style-type: none"> ● Y16 up to 2.5 opening ● Y20 greater than 2.5 opening.
6 m	2.7 m VER	2.0	2.8	
8 m	0.9 m O/H	1.9	2.6	
8 m	2.7 m VER	1.8	2.5	

- NOTE:**
- Span Limits in Table not related to Brick Sizes - Designer to adjust opening widths to suit bricks & windows.
 - Interpolate for truss spans between 6 & 8 metres.
 - Full height openings generally recommended to reduce effects of brick expansion.
 - Designer to consider horizontal loadings on walls adjacent openings and provide core reinforcement as required.
 - Minimum wall panel between openings = 600mm (two cores reinforced)

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LOT 2426 TIVENDALE ROAD. BERRIMAH. N.T...
PH.(089) 84 4977.

MAXIBRICK BUILDING SYSTEM.

OPENING & LINTEL DETAILS

SHEET 3 OF 7

CLARENDON CONSULTING ENGINEERS
SUITE 3 FIRST FLOOR 96 WOODS ST DARWIN. N.T. PH.(089) 81 7500

DESIGN DATA SHEET

DARWIN CYCLONE AREA

DWG. No.

CERTIFIED.

DATE. 23/9/87

APP.D. *J.R. Gardner*
M/E AUST

DATE. 30/10/87

M/214/3