

TYPICAL TIE DOWN DETAIL TO ROOF BEAM

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APPROVED BY THE BUILDING STANDARDS COMMITTEE
SET UP BY THE COMMISSIONER OF INSURANCE

FIXING DETAIL OF ROOF AT
EXISTING CONCRETE ROOF BEAM

MINIMUM DESIGN UPGRADE FOR
EXISTING HOUSES - ALTERNATIVE 'A'

DESIGN DATA SHEET

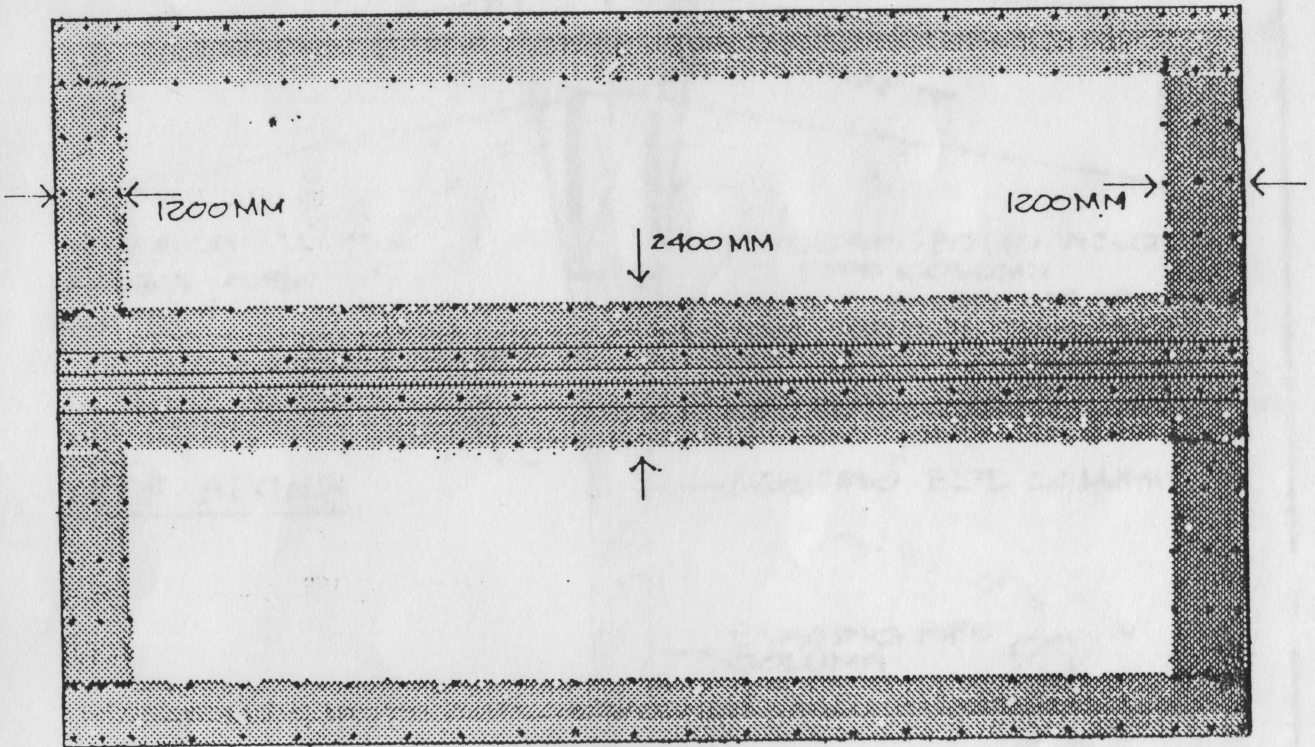
DWG. NO.

DATE 26th JULY 1905

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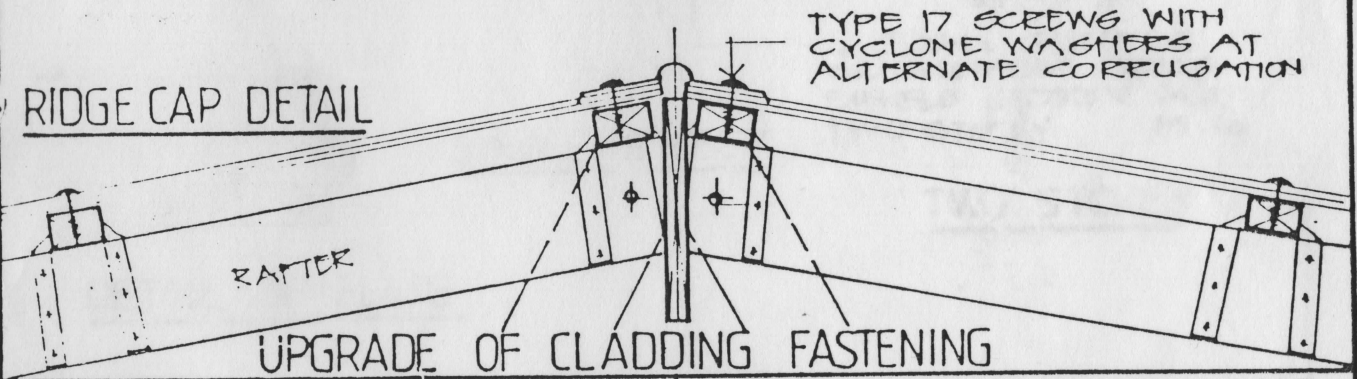
EXISTING NAIL FASTENING

TYPE 17 SCREWS AND WASHERS



TYPE 17 SCREWS WITH CYCLONE WASHER (MINIMUM THICKNESS 1MM) ON ALTERNATE CORRUGATION TO BE USED ON CLADDING IN AREAS AS SHOWN ABOVE. 2 PURLINS ADJACENT TO EACH EDGE ON ALL PURLINS FOR 1200MM FROM EACH END 2 PURLINS EITHER SIDE OF RIDGE AT THE RIDGE THE SCREWS MUST ALSO ATTACH THE RIDGE CAP AS PER DETAIL BELOW

RIDGE CAP DETAIL



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FIXING DETAIL OF EXISTING ROOF CLADDING TO TIMBER PURLINS

MINIMUM DESIGN UPGRADE FOR EXISTING HOUSES - ALTERNATIVE 'A'

DESIGN DATA SHEET

APPROVED BY THE BUILDING STANDARDS COMMITTEE
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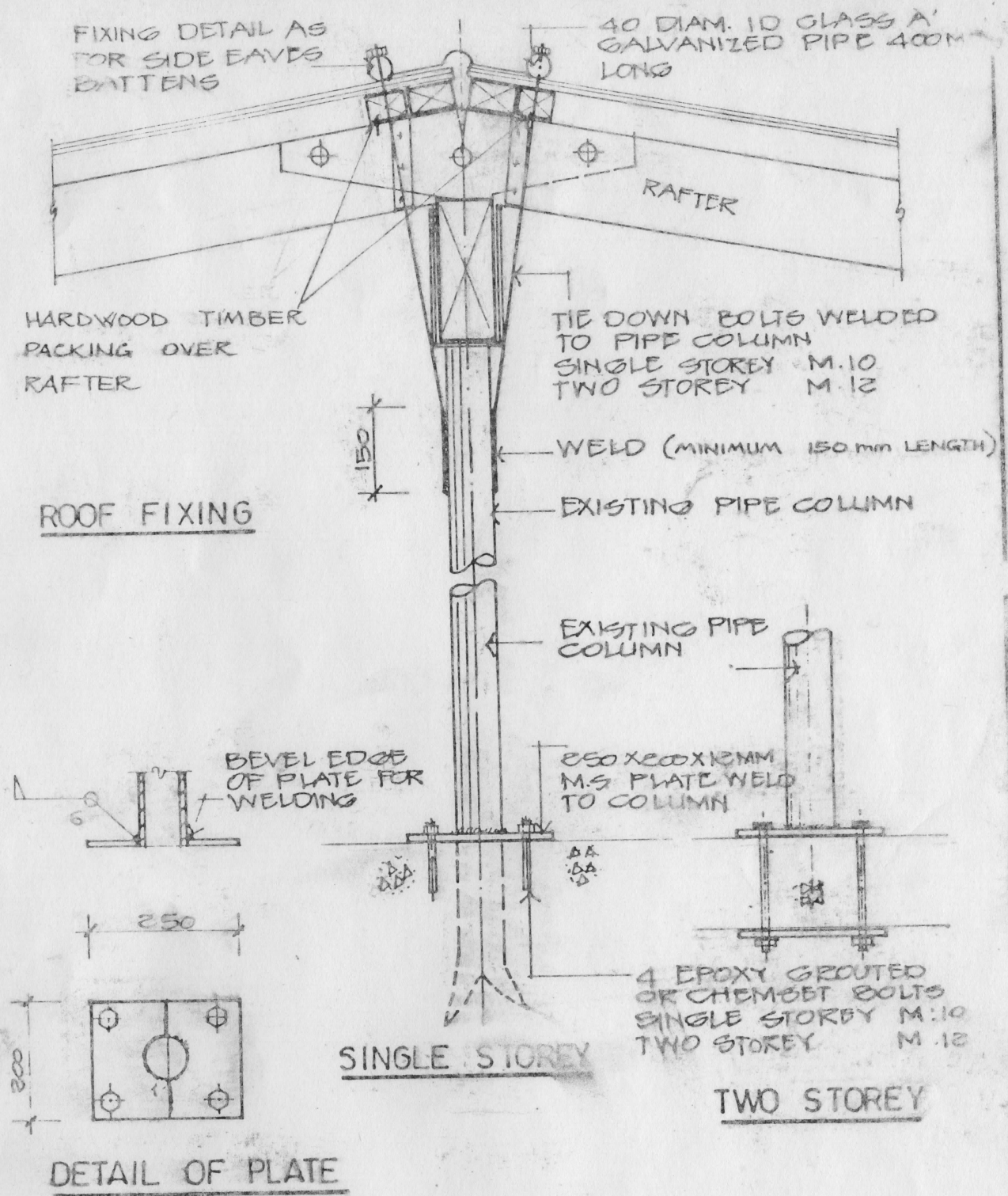
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DATE 26th JULY 1985

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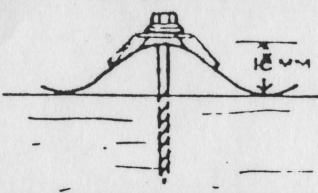
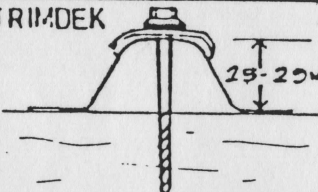
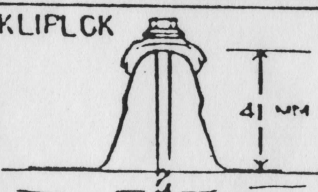
VERANDAH POST TIEDOWN DETAIL

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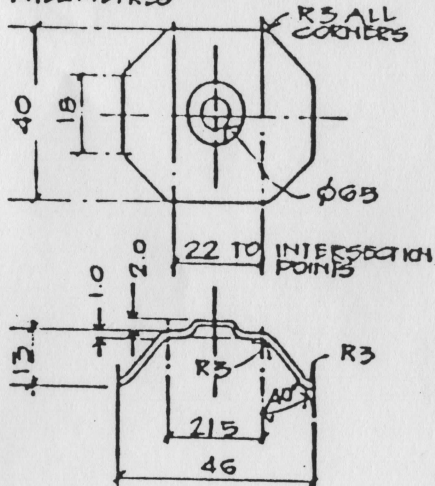
FIXING DETAIL OF VERANDAH ROOF AND POSTS	
MINIMUM DESIGN UPGRADE FOR EXISTING HOUSES - ALTERNATIVE X	
DESIGN DATA SHEET	
DATE 28th JULY 1985	DWG. NO. M4/1

GUIDELINES FOR USE OF TYPE 17 SCREWS IN TIMBER PURLINS

ROOFING PROFILE	RECOMMENDED FASTENERS	
<p>CORRUGATED IRON</p> 	<p>No 14-10 x 65mm hex head Type 17, Support washer, galvanised steel Sealing washer, E.P.D.M. black special</p>	<p>For corrugated iron profile, the cyclone washer is to have a minimum thickness of 1mm; for Trimdek and Klipkok 1.6mm</p>
<p>TRIMDEK</p> 	<p>No. 14-10 x 75 mm hex head Type 17, Support washer, galvanised steel Sealing washer, E.P.D.M. black special</p>	<p>Approved screws are those with one of the following headmarks:- A, BX, SC AND SI</p>
<p>KLIPLCK</p> 	<p>No. 14-10 x 90mm hex head Type 17, Support washer, galvanised steel Sealing washer, E.P.D.M. black special</p>	<p>Other brands of fastener could be used provided the manufacturer supplies satisfactory test certificates.</p>

CYCLONE WASHER

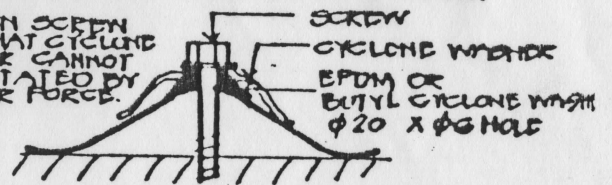
ALL DIMENSIONS ARE
MILLIMETRES



ASSEMBLY OF FASTENERS

A. INTERNAL AND EAVES SUPPORT

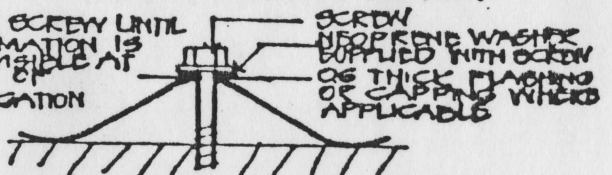
TIGHTEN SCREW
SUCH THAT CYCLONE
WASHER CANNOT
BE ROTATED BY
FINGER FORCE.



HOLDS THROUGH CORRUGATED IRON MUST BE DONE
DO NOT USE PRICK PUNCH

B. RIDGE HIP AND VALLEY SUPPORT

DRIVE SCREW UNTIL
DEFORMATION IS
JUST VISIBLE AT
CREST OF
CORRUGATION



DO NOT OVERTIGHTEN SCREWS

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GUIDELINES FOR USE OF TYPE 1 SCREWS AND ACCESSORIES

MINIMUM OR SPECIFIC UPGRADE.

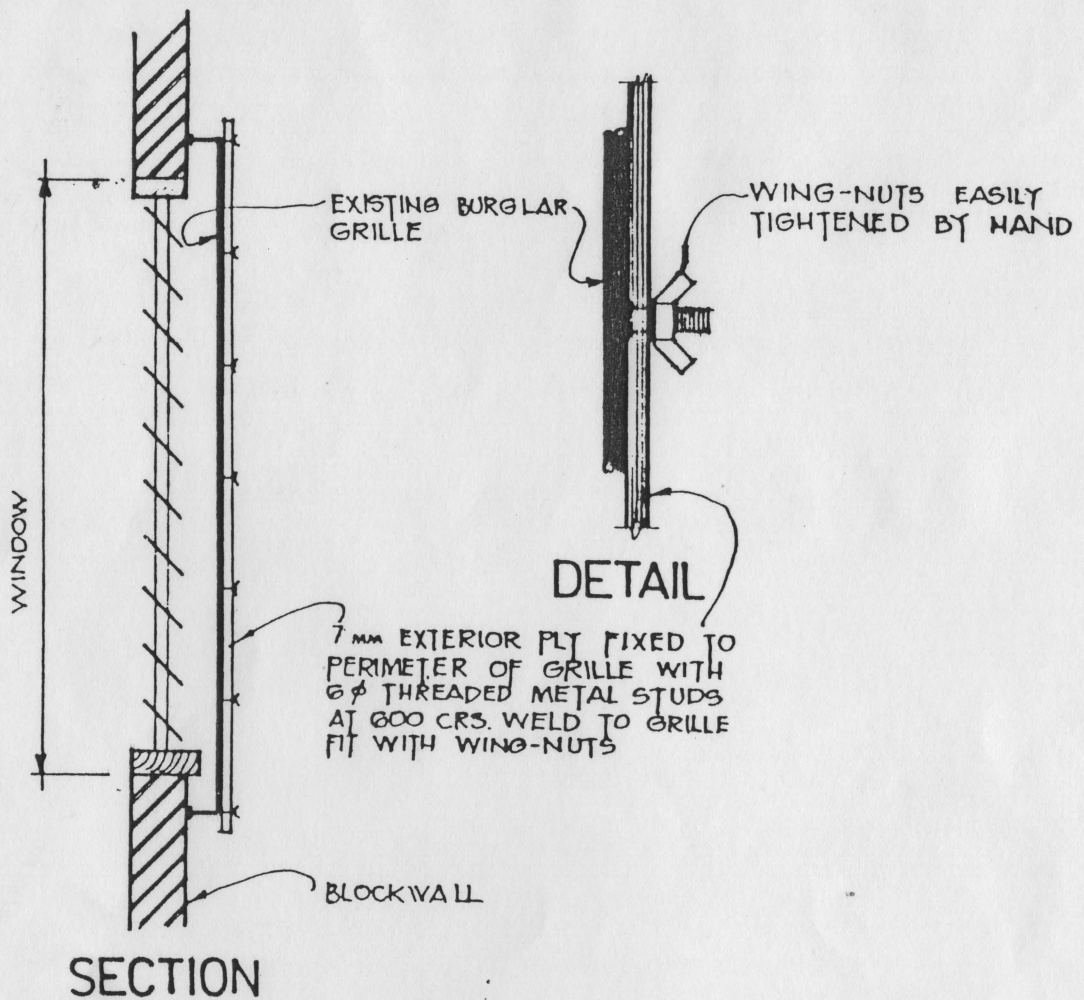
DESIGN DATA SHEET

APPROVED BY THE BUILDING
STANDARDS COMMITTEE SET UP BY
THE COMMISSIONER OF INSURANCE

DATE 26th JULY 1905

DWG. NO

M6/1



NOTE:

STRUCTURAL GRADE PLYWOOD IS SUITABLE FOR USE AS WINDOW AND DOOR SHUTTERS THAT ARE REQUIRED TO RESIST WIND AND DEBRIS DURING A CYCLONE, THE THICKNESS OF PLYWOOD REQUIRED DEPENDS ON THE SIZE OF THE WINDOW OR DOOR OPENING, PLEASE SEEK THE ADVICE OF YOUR CONSULTANT FOR FURTHER INFORMATION.

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SET UP BY THE COMMISSIONER OF INSURANCE

**HURRICANE SHUTTER DETAIL-
USING STRUCTURAL GRADE
PLYWOOD**

**MINIMUM OR SPECIFIC DESIGN
UPGRADE**

DESIGN DATA SHEET

DWG. NO.

M.7/1

DATE : AUGUST 1985

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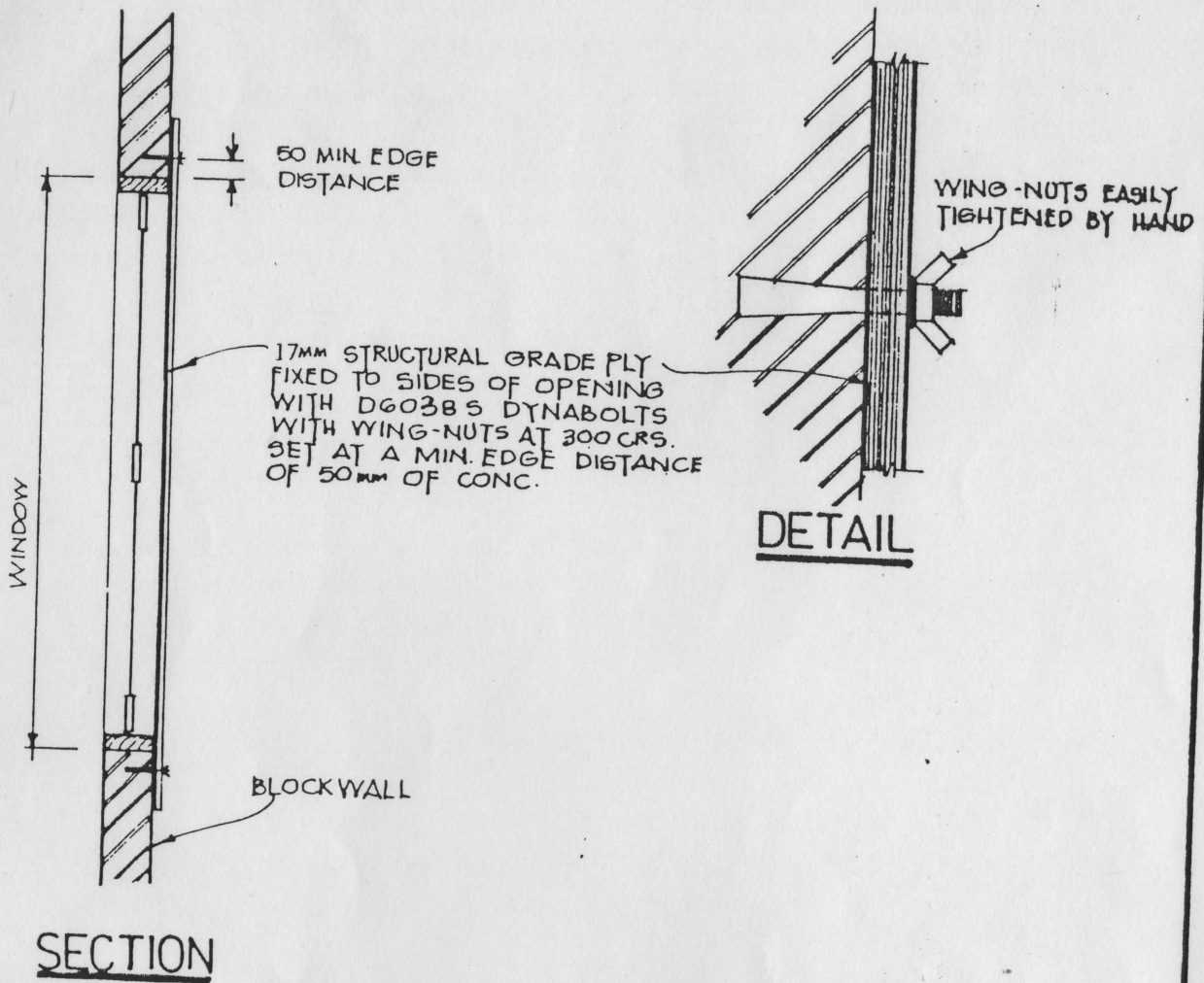
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TYPE 1

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NOTE:

STRUCTURAL GRADE PLYWOOD IS SUITABLE FOR USE AS WINDOW AND DOOR SHUTTERS THAT ARE REQUIRED TO RESIST WIND AND DEBRIS DURING A CYCLONE. THE THICKNESS OF PLYWOOD REQUIRED DEPENDS ON THE SIZE OF THE WINDOW OR DOOR OPENING. PLEASE SEEK THE ADVICE OF YOUR CONSULTANT FOR FURTHER INFORMATION.

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**HURRICANE SHUTTER DETAIL—
USING STRUCTURAL GRADE
PLYWOOD**

**MINIMUM OR SPECIFIC DESIGN
UPGRADE**

DESIGN DATA SHEET

DATE : AUGUST 1985

DWG. NO.

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