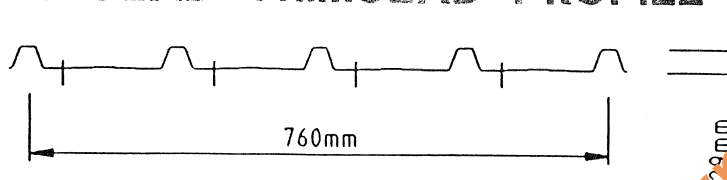
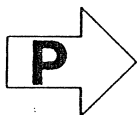


METCLAD TRIMCLAD PROFILE



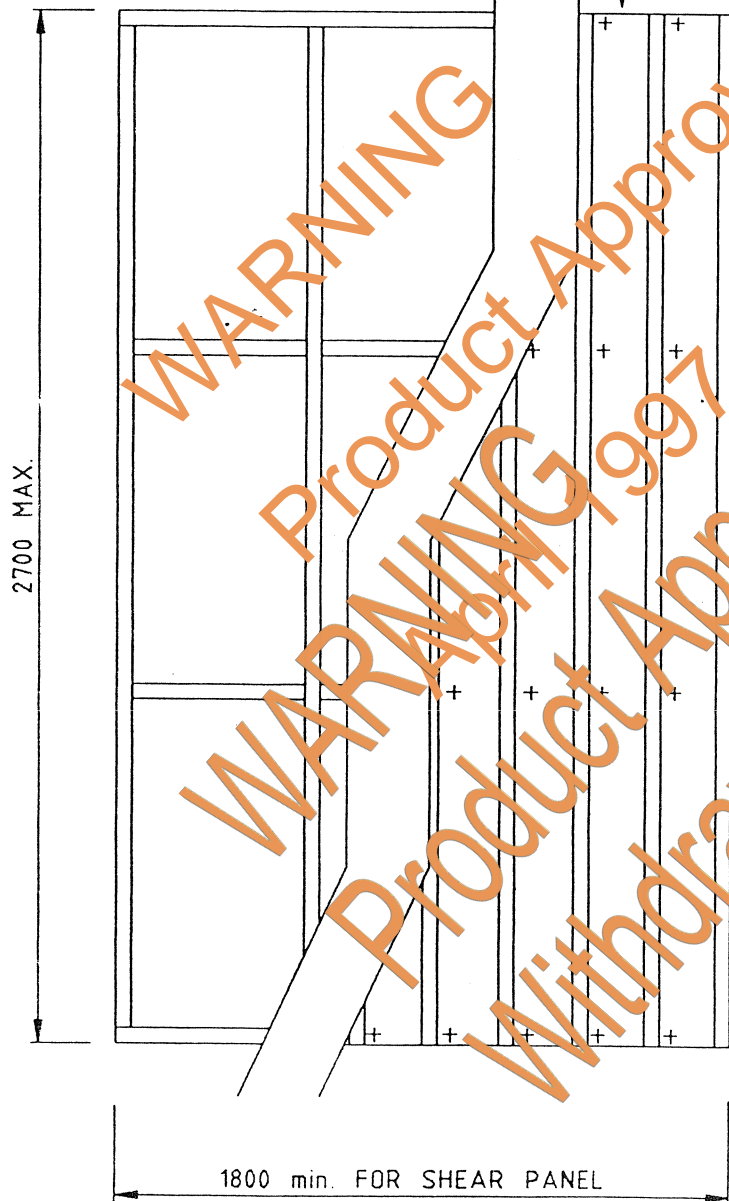
TRIMCLAD PROFILE

Base metal thickness 0.42mm
 Total coated thickness 0.47mm



VALLEY FIX TOP AND BOTTOM PLATES

P (SHEAR WALL CAPACITY) = 3.0 KN/M



TYPICAL WALL PANEL ELEVATION

WALL CONSTRUCTION

STEEL WALL FRAMING - G450 MATERIAL
 78x38x1.2mm TOP & BOTTOM PLATES
 75x38x1.6mm STUDS AT 450 CTS.
 72x30x1.2mm NOGGINGS AT 900 CTS.
 WELDS - 1.2mm FILLET WELDS
 TOTAL LENGTH OF WELD PER CONNECTION
 STUD TO PLATE - 90mm
 NOGGING TO STUD - 20mm EACH FLANGE

SHEET FIXING

VERTICAL FIXING ONLY
 SCREW FIX SHEETING TO WALL PLATES AND NOGGINGS AT EACH PAN.
 SCREWS TO BE No. 10 - 16x16mm HEX. HEAD SELF TAPPING TEKS.
 (WITH NEOPRENE WASHERS)

SCREW FIX AROUND OPENINGS AND ENDS OF WALL PANEL AT 150 CTS. MAX.

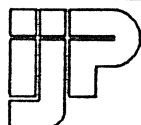
WALL PANEL FIXING

M12 GALV. BOLT FIX BOTTOM PLATE TO FLOOR EACH END AND BESIDE EVERY SECOND STUD (900 MAX. CTS.) WITH PLATE WASHERS AS RECOMMENDED BY WALL FRAME MANUFACTURER, (70x50x6mm MIN.)

NOTE - WALL FRAMING AND END CONNECTIONS NOTED ABOVE ARE MINIMUM REQUIREMENTS FOR SHEAR WALL CAPACITY AND DO NOT ALLOW FOR UPLIFT AND LATERAL WIND LOADING.

METCLAD METAL ROOFING AND CLADDING PTY. LTD.

LOT 1130 GEORGINA CR. PALMERSTON
 PHONE (089) 32 2077



IRWIN JOHNSTON & PARTNERS (N.T.) ENGINEERS PTY. LTD. CONSULTING ENGINEERS
 82 SMITH STREET, DARWIN 0801
 TEL (089)1819011 FAX (089)1814010

CERTIFIED

[Signature]
 DATE 21/3/14

METCLAD TRIMCLAD PROFILE STEEL FRAMED SHEAR WALL VERTICAL FIXING ONLY

DESIGN DATA SHEET

DEPT. OF LANDS AND HOUSING BUILDING AUTHORITY BRANCH

APP'D *[Signature]*

DATE 5-4-94

DRAWING No

M/114/12