

WINDLOCKED ROLLER DOOR

B&D AUSTRALIA PTY LTD

34-36 MARIGOLD STREET, REVESBY NSW 2212 PH: 136 263

 DOORS ARE RATED UP TO AN ULTIMATE DESIGN WIND PRESSURE = 3.26kPa FOR A MAXIMUM ALLOWABLE OPENING WIDTH OF 3040mm DESIGNERS SHALL TAKE INTO ACCOUNT HIGH LOCAL PRESSURE AREAS WHEN VERIFYING THE DOOR ULTIMATE DESIGN WIND PRESSURE. AS/NZS 1170.2:2011 STRUCTURAL DESIGN ACTIONS PART 2:WIND

 AS/NZS 4505:2012 GARAGE DOORS & OTHER LARGE ACCESS DOORS. AS/NZS 1170.0:2002 STRUCTURAL DESIGN ACTIONS - PART 0:GENERAL

 AS 3700-2018 MASONRY STRUCTURES AS/NZS 4600: 2018 COLD FORMED STRUCTURES AS/NZS 1664.1:1997 ALUMINUM STRUCTURES PART1:LIMIT STATE DESIGN AS/NZS 1170.1:2002 STRUCTURAL DESIGN ACTIONS - PART 1: PERMANENT,

(REFER ALSO TO NOTES COVERING BASIS OF DRAWINGS & LIMITATIONS)

 STEEL ABUTMENT POSTS TO BE 2.4mm (MIN.) IN THICKNESS WITH A MINIMUM STRESS GRADE OF G250 UNLESS NOTED OTHERWISE AS SPECIFIED IN TABLE 1 (REFER SECTIONS 2 ON DRAWINGS S03 AND S04). CHARACTERISTIC UNCONFINED COMPRESSIVE STRENGTH OF BLOCK

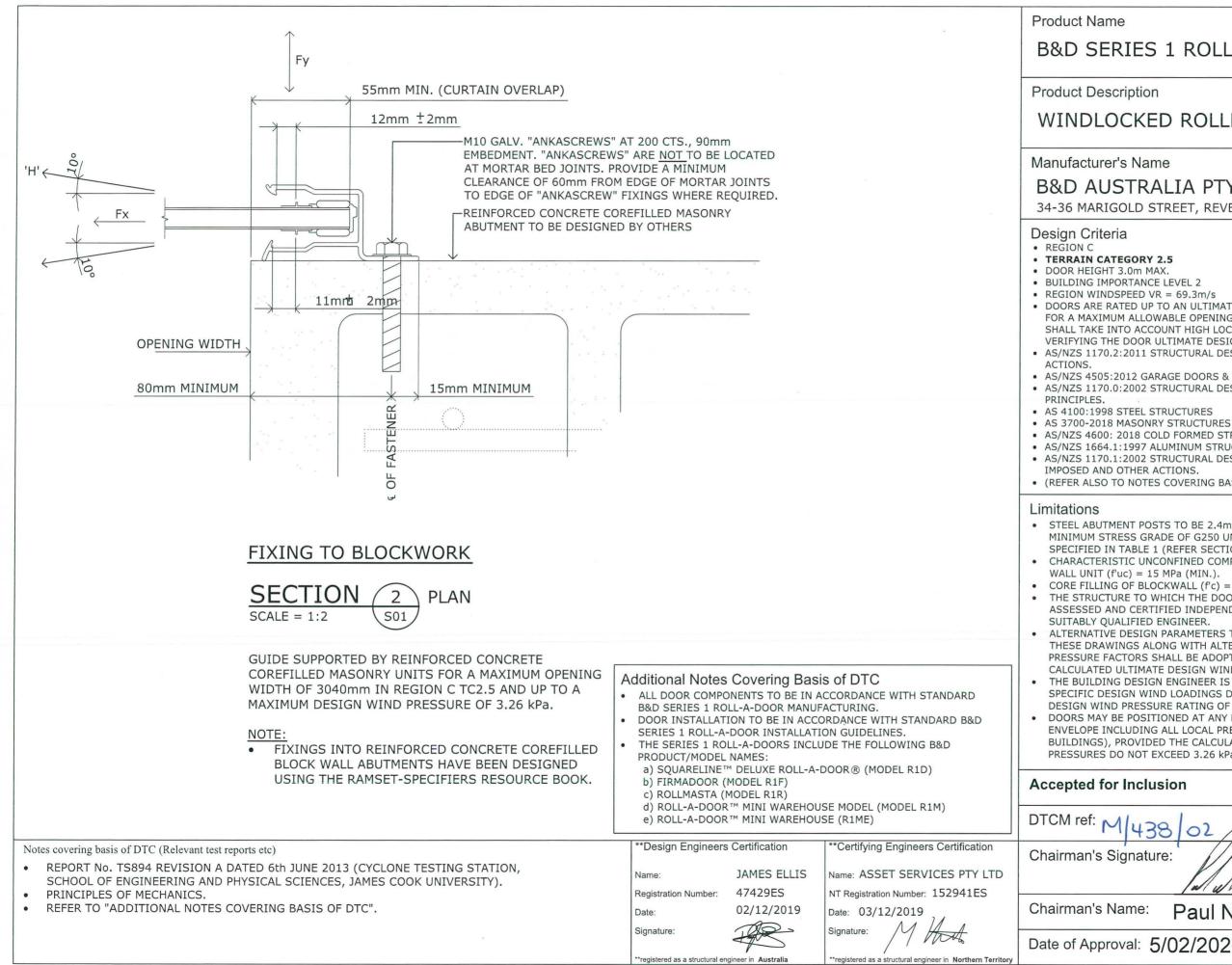
CORE FILLING OF BLOCKWALL (f'c) = 15 MPa (MIN.).

THE STRUCTURE TO WHICH THE DOOR IS ATTACHED SHALL BE ASSESSED AND CERTIFIED INDEPENDENTLY AS REQUIRED BY A

ALTERNATIVE DESIGN PARAMETERS TO WHAT ARE SPECIFIED ON THESE DRAWINGS ALONG WITH ALTERNATIVE SITE SPECIFIC LOCAL PRESSURE FACTORS SHALL BE ADOPTED IF NEEDED PROVIDED THE CALCULATED ULTIMATE DESIGN WIND PRESSURES DO NOT EXCEED 3.26 kPa. THE BUILDING DESIGN ENGINEER IS TO ENSURE THAT THE SITE SPECIFIC DESIGN WIND LOADINGS DO NOT EXCEED THE ULTIMATE DESIGN WIND PRESSURE RATING OF 3.26 kPa.

DOORS MAY BE POSITIONED AT ANY LOCATION ALONG THE BUILDING ENVELOPE INCLUDING ALL LOCAL PRESSURE ZONES (ie. CORNERS OF BUILDINGS), PROVIDED THE CALCULATED ULTIMATE DESIGN WIND PRESSURES DO NOT EXCEED 3.26 kPa.

438 DRAWING No. S01 - Rev 1 0 14 Paul Nowland Date of Approval: 5/02/2020 Expiry Date: 5/02/2025

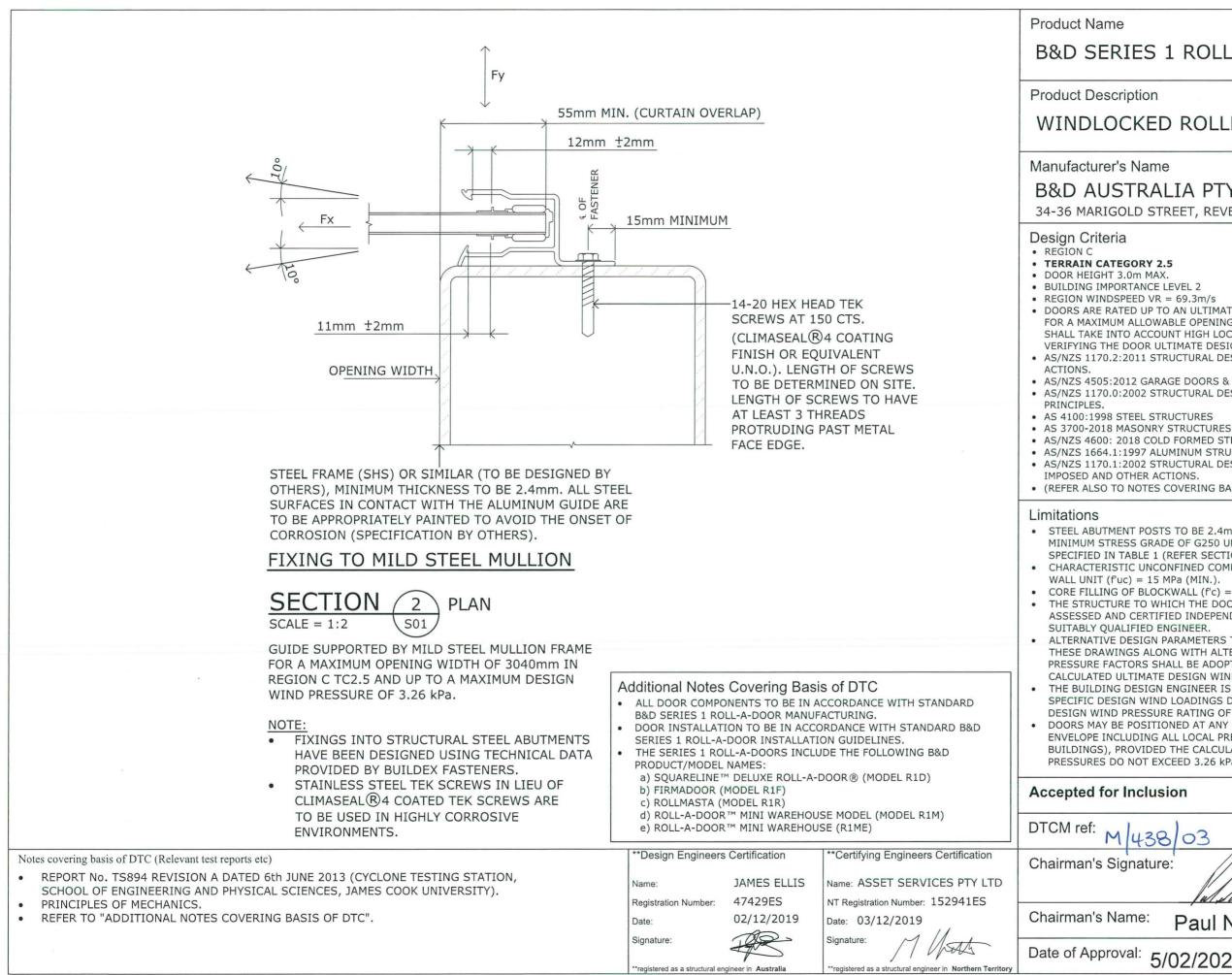


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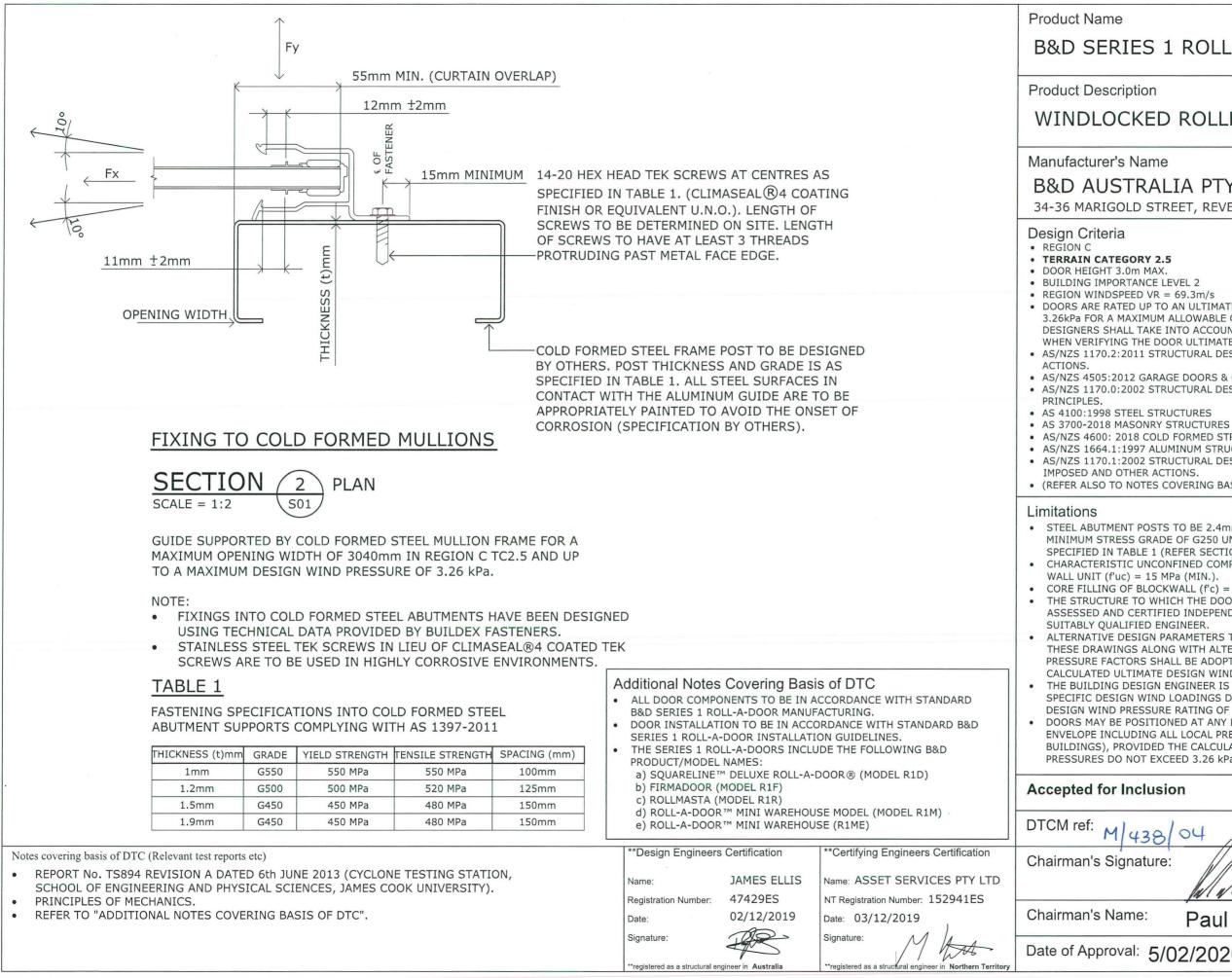
ALTERNATIVE DESIGN PARAMETERS TO WHAT ARE SPECIFIED ON THESE DRAWINGS ALONG WITH ALTERNATIVE SITE SPECIFIC LOCAL PRESSURE FACTORS SHALL BE ADOPTED IF NEEDED PROVIDED THE CALCULATED ULTIMATE DESIGN WIND PRESSURES DO NOT EXCEED 3.26 kPa. THE BUILDING DESIGN ENGINEER IS TO ENSURE THAT THE SITE SPECIFIC DESIGN WIND LOADINGS DO NOT EXCEED THE ULTIMATE DESIGN WIND PRESSURE RATING OF 3.26 kPa.

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DRAWING No. S03 - Rev 2 438 03

Paul Nowland

Date of Approval: 5/02/2020 Expiry Date: 5/02/2025



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• (REFER ALSO TO NOTES COVERING BASIS OF DRAWINGS & LIMITATIONS)

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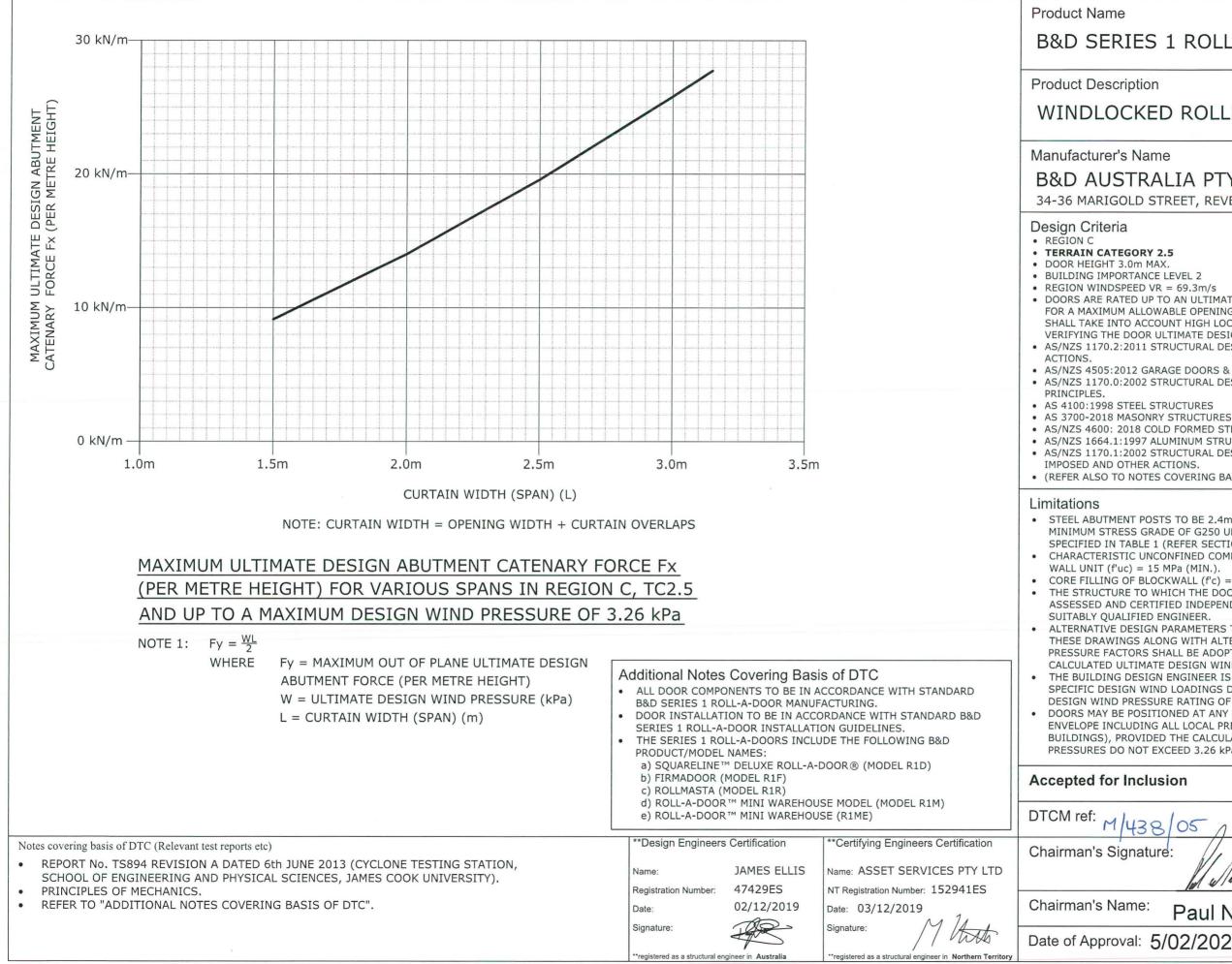
• CORE FILLING OF BLOCKWALL (f'c) = 15 MPa (MIN.)

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ENVELOPE INCLUDING ALL LOCAL PRESSURE ZONES (ie. CORNERS OF BUILDINGS), PROVIDED THE CALCULATED ULTIMATE DESIGN WIND PRESSURES DO NOT EXCEED 3.26 kPa.

DRAWING No. S04 - Rev 2 438/04 Paul Nowland Date of Approval: 5/02/2020 Expiry Date: 5/02/2025



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