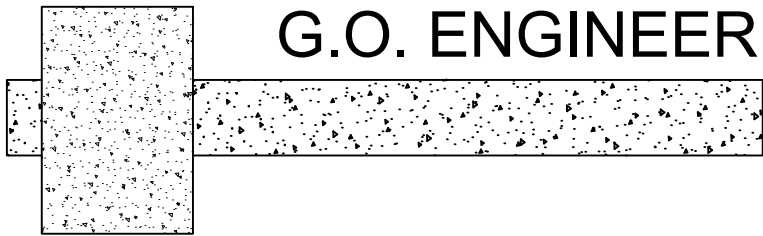


STRUCTURAL ENGINEERING DESIGN FOR PROPOSED BEAM INSTALLATION AT TWYNAM LODGE GUTHEGA NSW 2624



G.O. ENGINEERING CONSULTANTS P/L

ACN 111 921 389

STRUCTURAL DRAWING LIST

SHEET NO.	REVISION	TITLE
S01	-	COVER
S02	-	SPECIFICATIONS
S03	-	PLAN VIEW
S04	-	ELEVATION
S05	-	SECTIONS

DRAFT



Department of Planning
and Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No DA 22/5422

Granted on the 25 May 2023

Signed M Brown

Sheet No 20 of 26

All workmanship and materials to conform with latest edition of the Building Code of Australia and relevant Australian Standards.

The contractor is to confirm all dimensions prior to commencing any works on site.

Refer to specification for other relevant information details.

G.O. ENGINEERING CONSULTANTS

ABN 61 111 921 389
Structural, Civil &
Project Management ENGINEERS

153 Commissioner St
Cooma NSW 2630

Phone: (02) 6452 4699
Fax: (02) 6452 4996
reception@goengineering.com.au

Drawing Title:
STRUCTURAL ENGINEERING
DESIGN FOR PROPOSED BEAM
INSTALLATION AT TWYNAM
LODGE GUTHEGA NSW 2624

Client:
PETER WAUGH

Structural Sheet No. S01 of 5

Scale: AS SHOWN
Date: 12.09.2022
Drawing No: 20220801

COVER
Sheet Size:- A3
Designed: G Bowland
Drawn: R Henry
Checked: G Bowland

Approved:

Geoff Bowland MIEAust CPEng

ISSUE	DATE	AMENDMENT	INITIALS

This document is Copyright and shall not be copied without written approval, nor shall it be used except for the Development and the Site Specified.

ISSUE DATE:- 15.12.2021

NOTES:

- 1. All workmanship and materials to conform with the latest edition of the building code of Australia and relevant Australian standards.
- 2. It is not implied or guaranteed that all structural designs and details shown in these plans are complete. The scope of the work has been determined by the Engineer based on the information supplied by the client or the clients consultants. The Engineer will provide further designs if required, but is not responsible for any associated cost where design details have not been specifically requested.
- 3. All dimensions on these plans should be checked on site by the builder and verified using Architectural plans and other contract documents. Discrepancies to be refered to the Architect or Engineer.
- 4. DO NOT SCALE FROM THESE DRAWINGS
- 5. The structural details shown in these plans are applicable to the Architectural plans and building elements by Peter Waugh indicated therein: Project No. - 2205
- 6. Reference to UNO = Unless Noted Otherwise & NA = Not Applicable.

STEEL:

- 1. All steel construction to comply with AS4100 steel structures code and AISC Connection Details.

SAFE INSTALLATION:

- 1. Ensure that the stability of the existing structure is not compromised by the work methods.

INSURANCES:

- 1. Provide evidence to the lodge of adequate insurances for the work.

ENSURE

- 1. All work is carried out in a good and tradesman like manner and all damages to existing services are repaired and made good.

SITE CONDITIONS:

- 1. Stability/Vegetation - NA
- 2. Drainage - NA
- 3. Soil Type/profile - NA
- 4. AS2870.1 - 2011 site classification - NA
- 5. AS4055 - 2011 wind classification N3.0 50m/s (Vh,u).
- 6. AS1170.3 - 2002 Roof Design Snow Load for altitude 1640 m, for roof pitch 15° at TYNAM LODGE GUTHEGA NSW 2624 - Sr = 3.85 KPa, Sg = 5.09 KPa



Department of Planning and Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No DA 22/5422

Granted on the 25 May 2023

Signed M Brown

Sheet No 21 of 26

DRAFT

All workmanship and materials to conform with latest edition of the Building Code of Australia and relevant Australian Standards.

The contractor is to confirm all dimensions prior to commencing any works on site.

Refer to specification for other relevant information details.

G.O. ENGINEERING CONSULTANTS

ABN 61 111 921 389
Structural, Civil & Project Management ENGINEERS

153 Commissioner St
Cooma NSW 2630

Phone: (02) 6452 4699
Fax: (02) 6452 4996
reception@goengineering.com.au

Drawing Title:
STRUCTURAL ENGINEERING
DESIGN FOR PROPOSED BEAM
INSTALLATION AT TWYNAM
LODGE GUTHEGA NSW 2624

Client:
PETER WAUGH

Structural Sheet No. S02 of 5

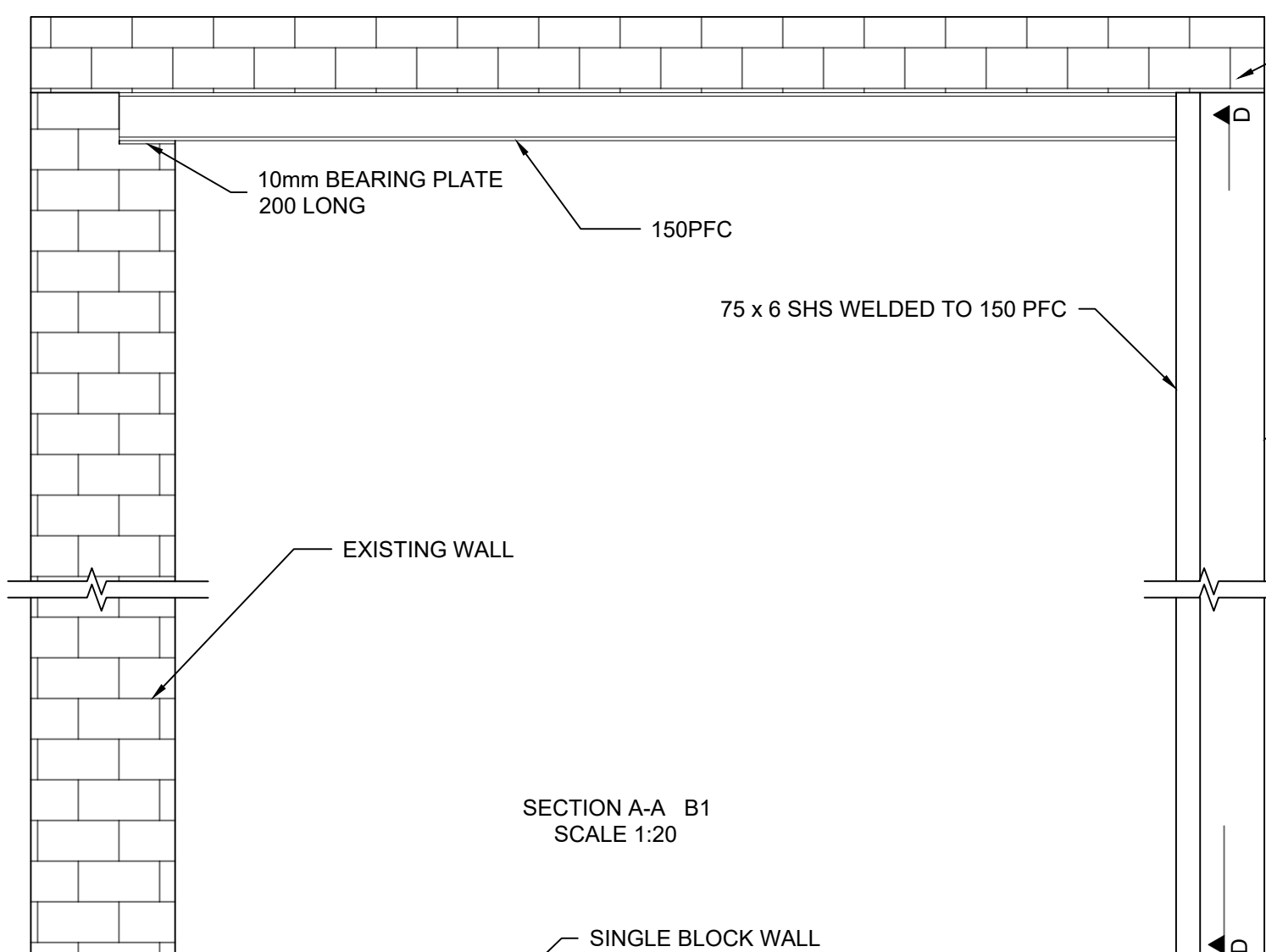
Scale: AS SHOWN
Date: 12.09.2022
Drawing No: 20220801


SPECIFICATIONS
Sheet Size:- A3
Designed: G Bowland
Drawn: R Henry
Checked: G Bowland

Approved:

Geoff Bowland MIEAust CPEng			
ISSUE	DATE	AMENDMENT	INITIALS

This document is Copyright and shall not





Department of Planning
and Environment

Issued under the *Environmental Planning and Assessment Act 1979*

Approved Application No DA 22/5422

Granted on the 25 May 2023

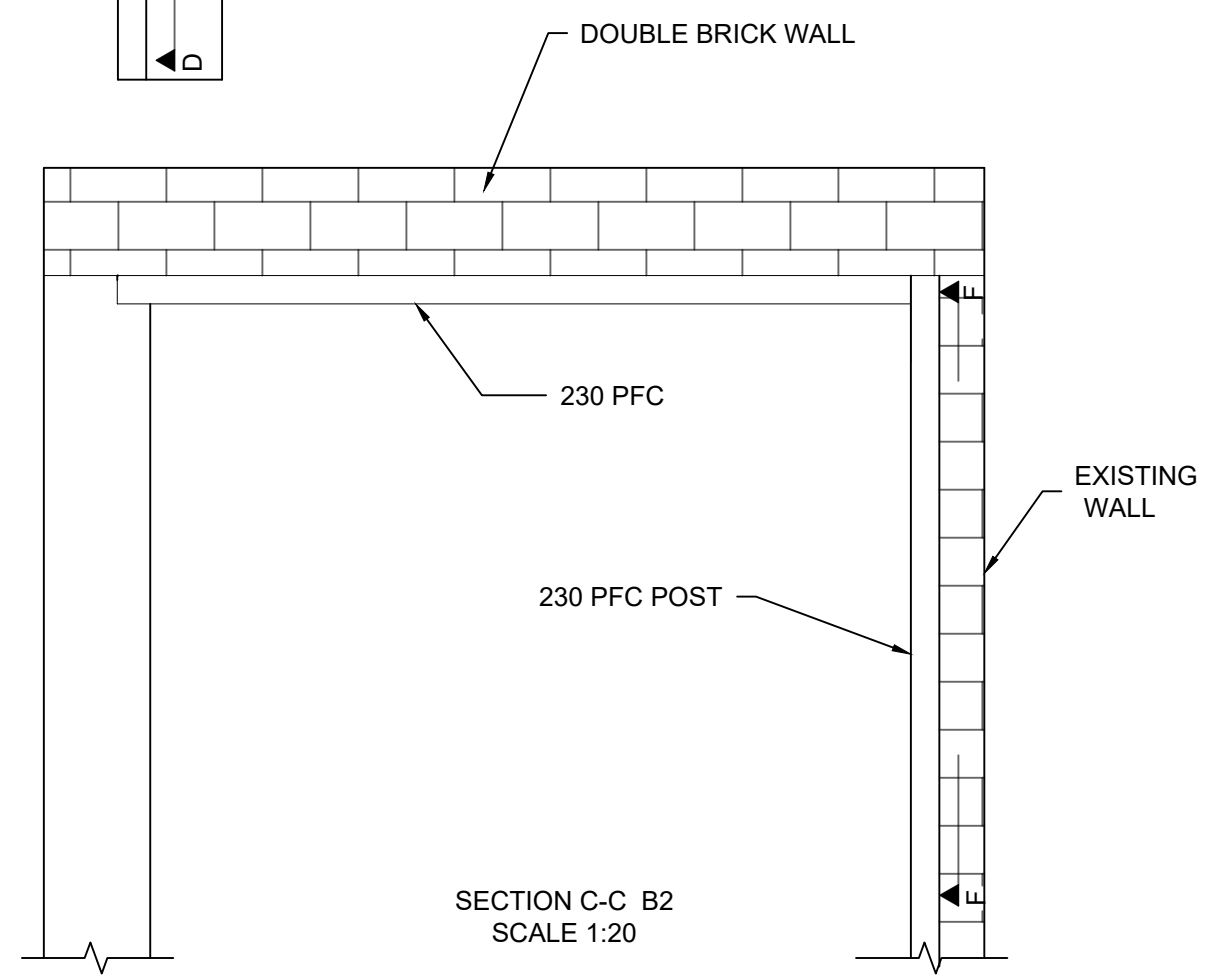
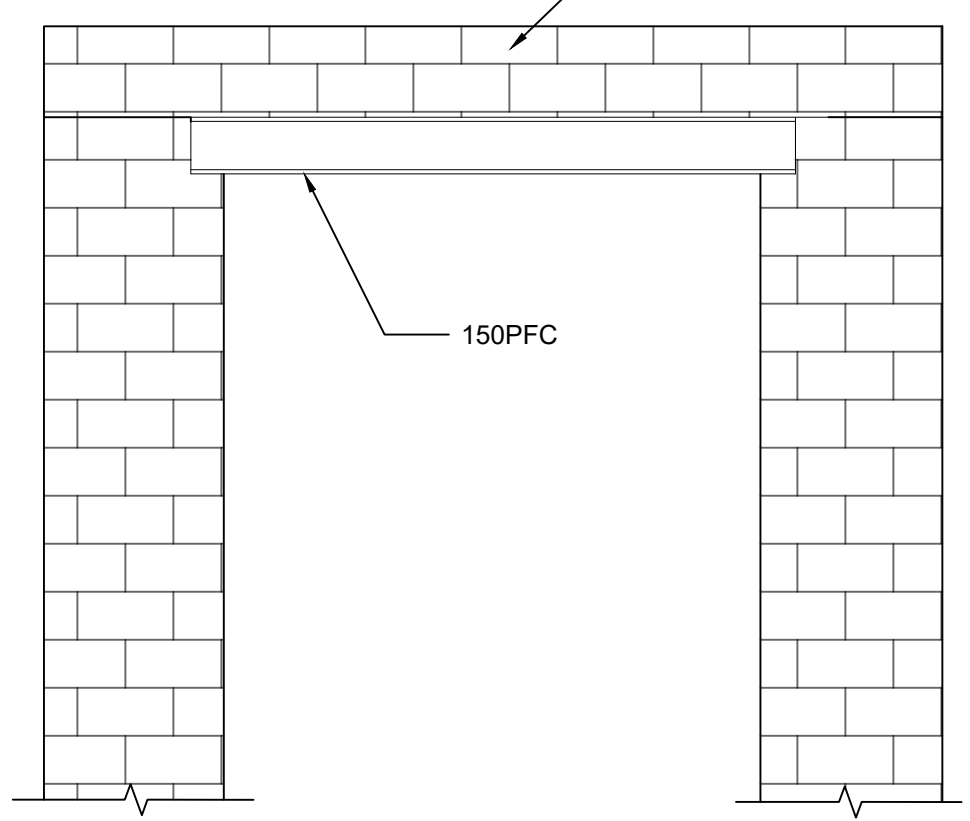
EXISTING WALL

Signed M Brown

Sheet No 23 of 26

DRAFT

DATA SPECIFICATIONS		
SYMBOL	SPECIFICATIONS	MAX SPAN
B1	150 PFC	3.3m
B2	200PFC	2.1m
B3	150 PFC	1.6m



All workmanship and materials to conform with latest edition of the Building Code of Australia and relevant Australian Standards.

The contractor is to confirm all dimensions prior to commencing any works on site.

Refer to specification for other relevant information details.

G.O. ENGINEERING CONSULTANTS

ABN 61 111 921 389

Structural, Civil & Project Management ENGINEERS

153 Commissioner St
Cooma NSW 2630

Phone: (02) 6452 4699

Fax: (02) 6452 4996

reception@goengineering.com.au

Drawing Title:

STRUCTURAL ENGINEERING DESIGN FOR PROPOSED BEAM INSTALLATION AT TWYNAM LODGE GUTHEGA NSW 2624

Client:

PETER WAUGH

Structural Sheet No. S04 of 5

Scale: AS SHOWN

Date: 12.09.2022

Drawing No: 20220801

ELEVATION

Sheet Size:- A3

Designed: R Henry

Drawn: R Henry

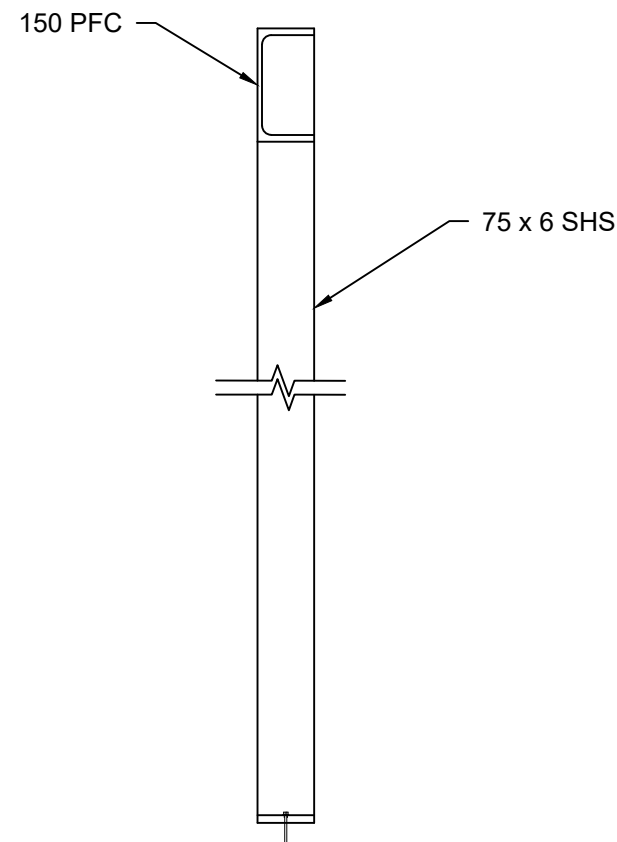
Checked: G Bowland

Approved:

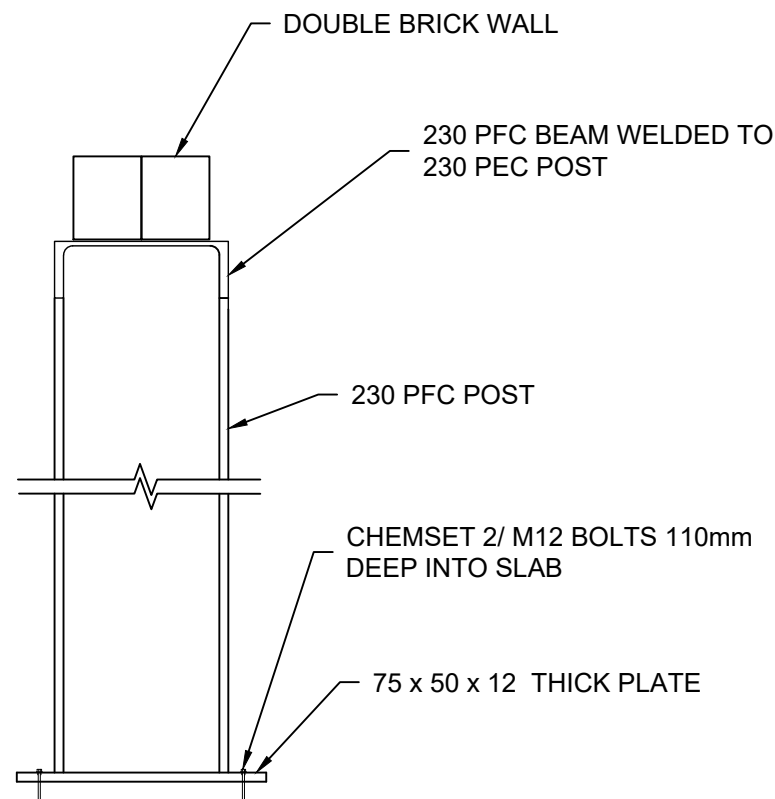
Geoff Bowland MIEAust CPEng

ISSUE	DATE	AMENDMENT	INITIALS

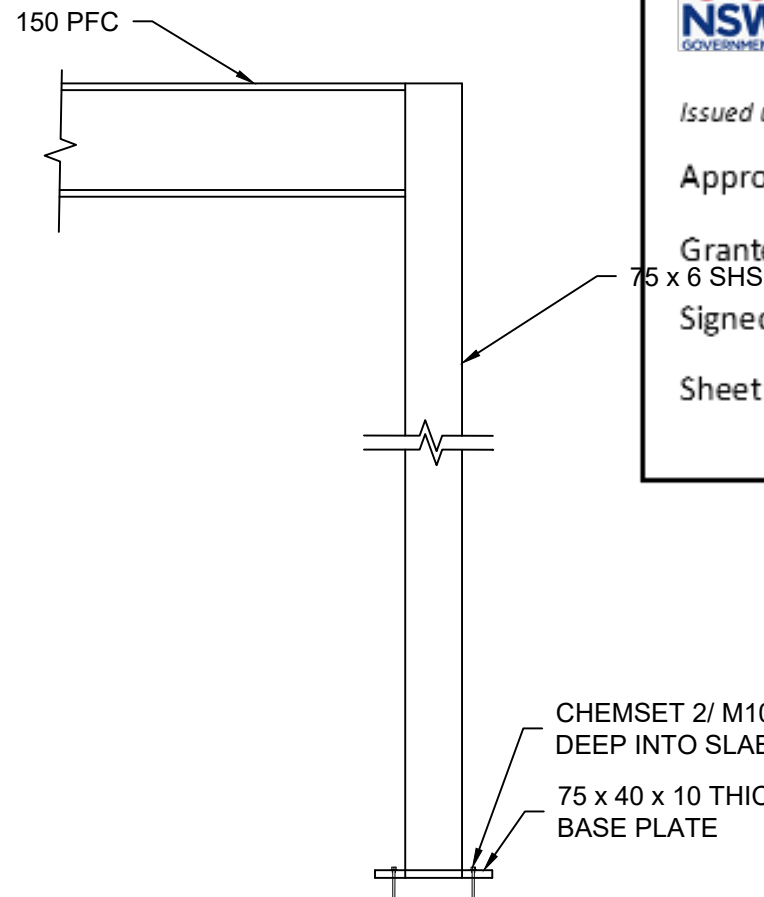
This document is Copyright and shall not



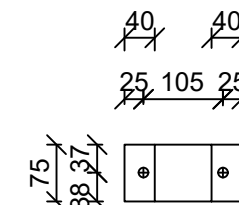
SECTION D-D
SCALE 1:10



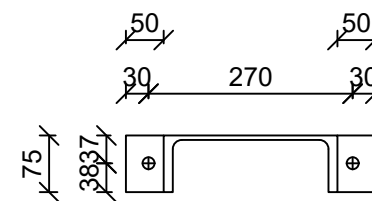
SECTION F-F
SCALE 1:10



ELEVATION N D-D
SCALE 1:10



BASE PLATE CONNECTION DETAILS
SCALE 1:10



NOTE

1. WEDGE BEAM TO CALCULATED HALF MAX DEFLECTION 3mm AND GROUT BACK
2. SUPPORT EXISTING BRICK WORK BY PINING PRIOR TO REMOVAL OF UNDER BRICK WORK
3. IF THERE IS ANY MATERIAL DIFFERENCE TO WALL THICKNESS PLEASE ADVISE THE DESIGNER RICHARD HENRY



Department of Planning
and Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No DA 22/5422

Granted on the 25 May 2023

Signed M Brown

Sheet No 24 of 26

All workmanship and materials to conform with latest edition of the Building Code of Australia and relevant Australian Standards.

The contractor is to confirm all dimensions prior to commencing any works on site.

Refer to specification for other relevant information details.

G.O. ENGINEERING CONSULTANTS

ABN 61 111 921 389
Structural, Civil &
Project Management ENGINEERS

153 Commissioner St
Cooma NSW 2630

Phone: (02) 6452 4699
Fax: (02) 6452 4996
reception@goengineering.com.au

Drawing Title:

STRUCTURAL ENGINEERING
DESIGN FOR PROPOSED BEAM
INSTALLATION AT TWYNAM
LODGE GUTHEGA NSW 2624

Client:

PETER WAUGH

Structural Sheet No. S05 of 5

Scale: AS SHOWN

Date: 12.09.2022

Drawing No: 20220801

SECTIONS

Sheet Size:- A3

Designed: G Bowland

Drawn: R Henry

Checked: G Bowland

Approved:

Geoff Bowland MIEAust CPEng

ISSUE	DATE	AMENDMENT	INITIALS

This document is Copyright and shall not

DRAFT