

IF SITE CONDITIONS VARY FROM PLAN
OR
IF IN DOUBT CONSULT ENGINEER

ALL TIMBER FRAMING AND
CONNECTIONS IN ACCORDANCE
WITH AS 1684

BUILDER TO CHECK THE SIZE
AND CONDITION OF THE
EXISTING FOOTING AND IF IN
DOUBT CONSULT US

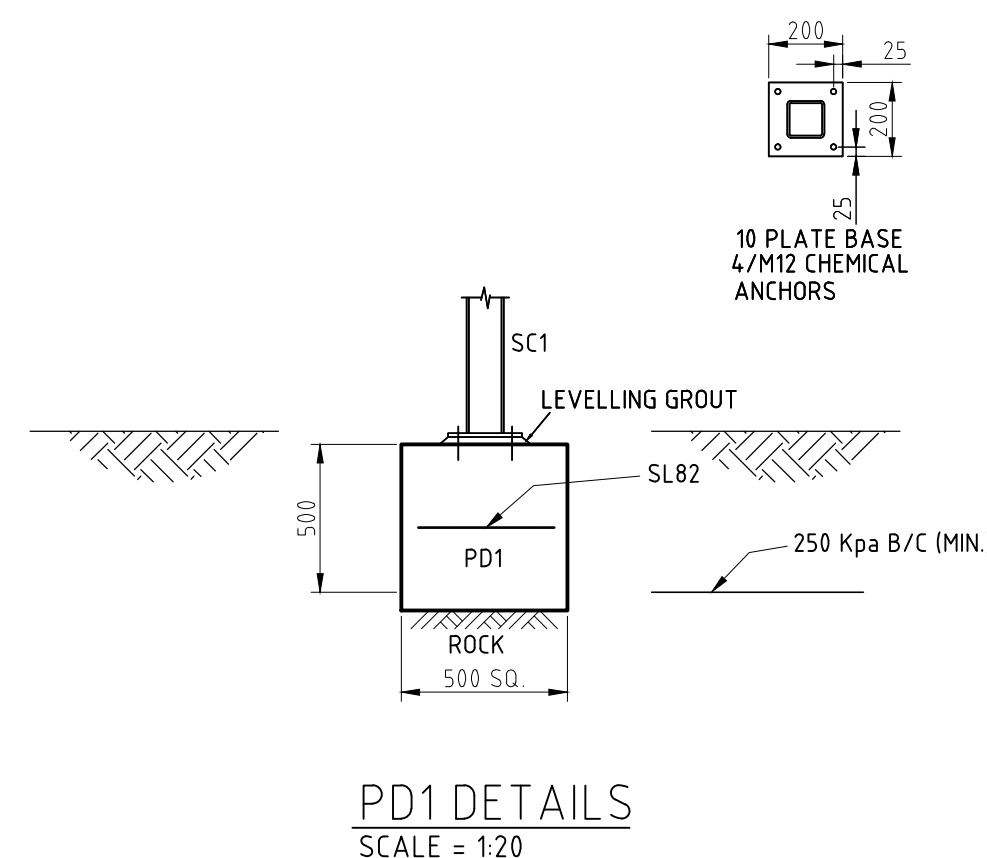
BUILDER TO TAKE ALL THE
PRECAUTIONS WHILE DIGGING
NEXT TO THE EXISTING
BOUNDARY WALL FOOTING

STEP DOWN REFER TO
ARCHITECTURAL DRAWINGS LEVELS

IF SOIL FOUND TO BE SALINITY
AFFECTED, ALL CONCRETE (BORED PIERS,
FOOTING, SLAB, ECT.) TO BE WITH
MINIMUM 32MPa CONCRETE STRENGTH
WITH 55mm MINIMUM CONCRETE COVER

GEO TECHNICAL INVESTIGATION HAS NOT BEEN CARRIED OUT, ASSUMED SOIL CLASSIFICATION IS "M", BUILDER MUST CONTACT A GEO TECHNICAL ENGINEER IF IN DOUBT BEFORE CONSTRUCTION

ALL DIMENSIONS, STEP DOWNS, DEEP BEAMS, F.F.L, R.L, AND REBATES TO BE CONFIRMED WITH ARCHITECTURAL DOCUMENTATION. HWS & AIRCON PADS TO BE CONFIRMED WITH CONTRACTOR. IT IS NOT THE RESPONSIBILITY OF THE ENGINEER TO VERIFY THE ABOVE.



REAR TIMBER DECK FOOTING PLAN
1:50

[illegible]

superdraft

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WEB: www.thomasengineers.com.au

RACHEL & PER THORESSON
FAMILY

REAR DECK FOOTING PLAN & DETAILS

DRAWN

| | |
|------|----------|
| DATE | 02/04/20 |
|------|----------|

DUE TO LIMITS OF PRINTING EQUIPMENT
DO NOT SCALE OFF DRAWINGS
FIGURED DIMENSIONS TO BE USED, ALL DIMENSIONS TO BE CHECKED ON SITE

A1 DWG SHEET

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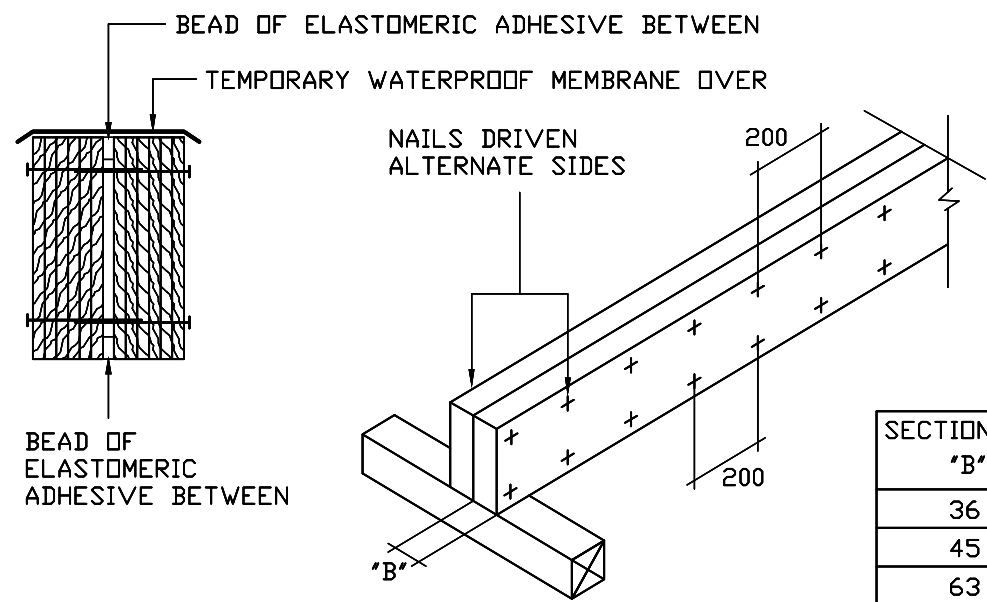
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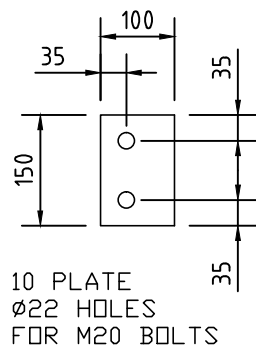
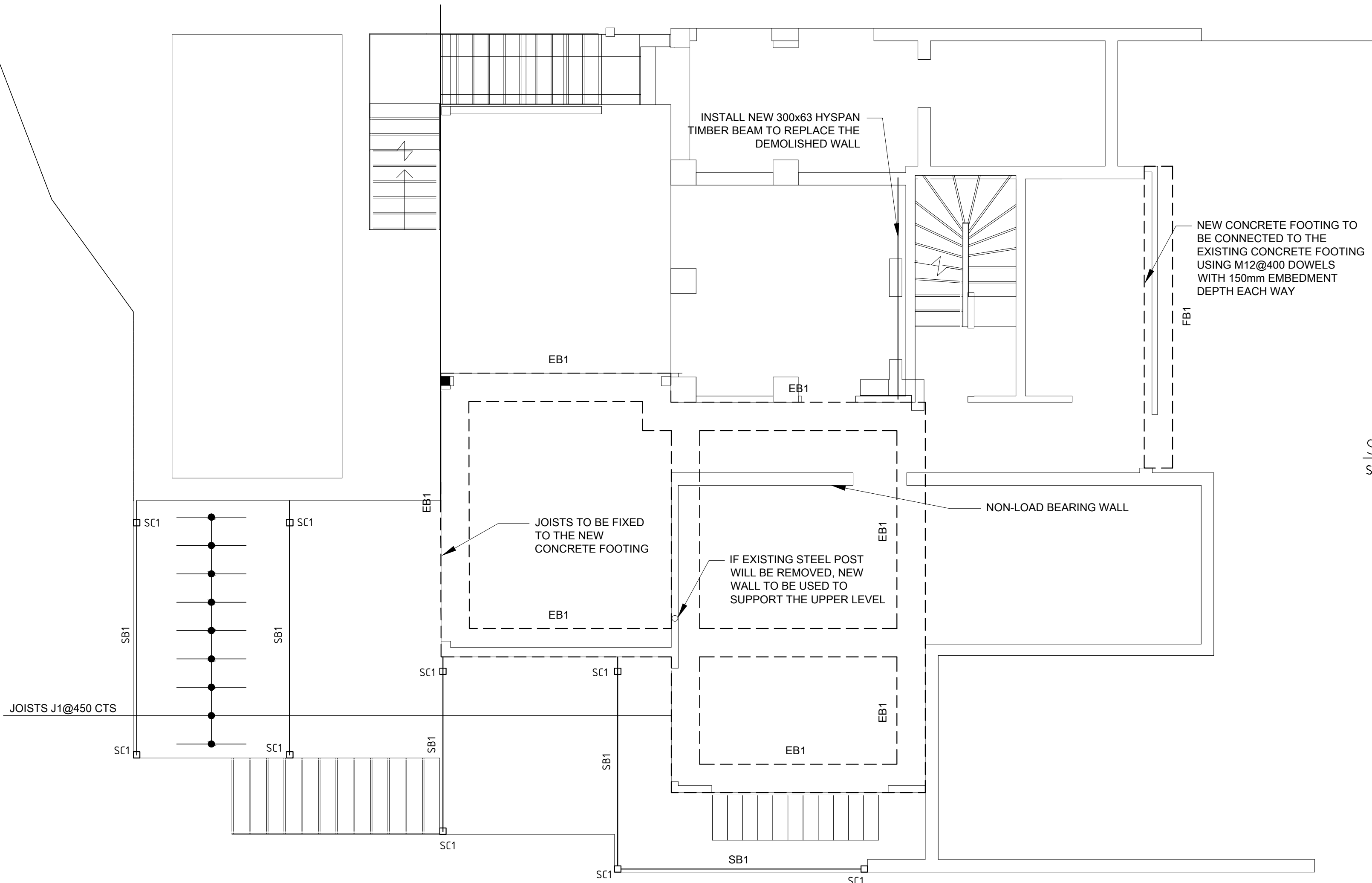


TIMBER LINTELS:
Lintels in single or upper storey load bearing wall should be provided over all openings in accordance with the following table, they should be installed in accordance with the manufacturers recommendations

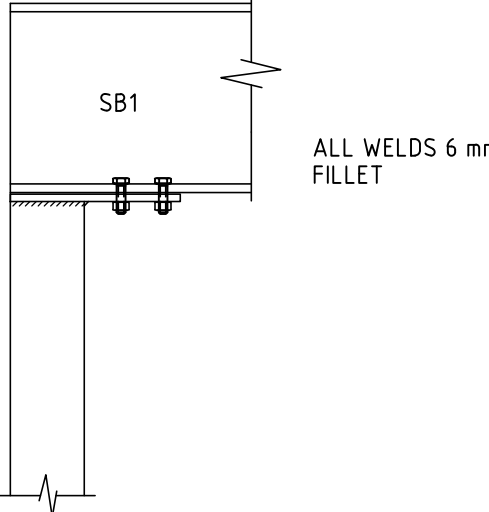
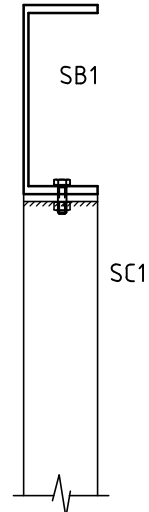
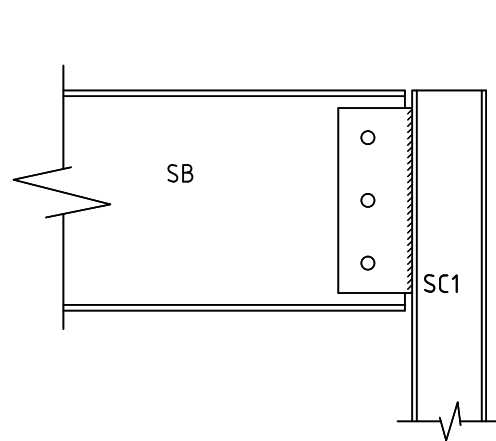
| TIMBER LINTELS TABLE | |
|----------------------|-------------------|
| MAXIMUM SPAN | LINTEL MEMBER |
| 1500mm | 150 x 63 HYPAN |
| 1800mm | 2/ 170 x 45 HYPAN |
| 2100mm | 2/ 200 x 45 HYPAN |

VERTICAL NAIL LAMINATION
TWO PIECES
NTS

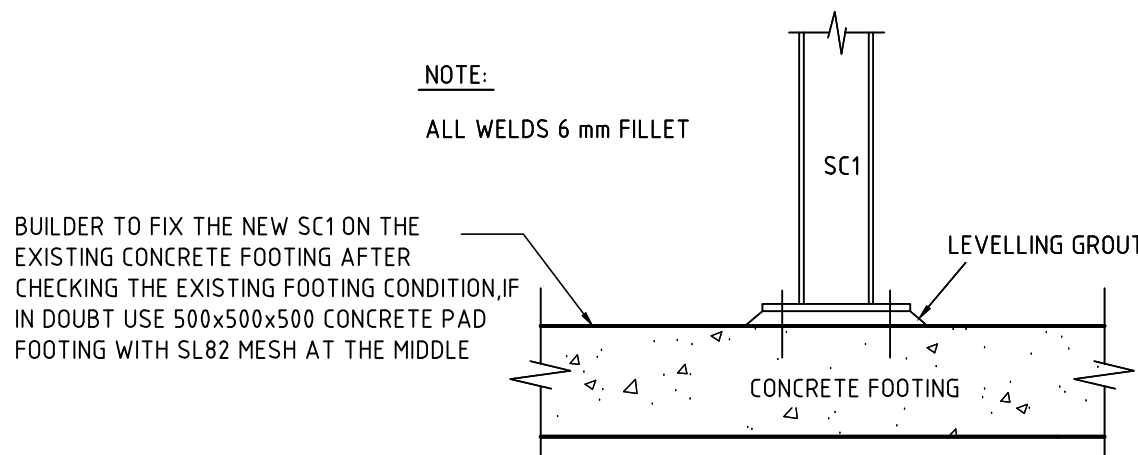
| MEMBER SCHEDULE | | MAXIMUM CLEAR SPAN DESIGN (m) |
|-----------------|--------------------------------------|----------------------------------|
| SC1 | 100x100 SHS WITH MAXIMUM 3.0m HEIGHT | |
| SB1 | 200 PFC | 3.90 |
| J1 | 200x45 SMART LVL (TREATED) | 3.00 |



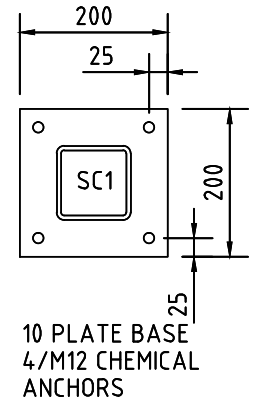
SIDE PLATE FOR BEAM 200 PFC & UB
SCALE = 1:10



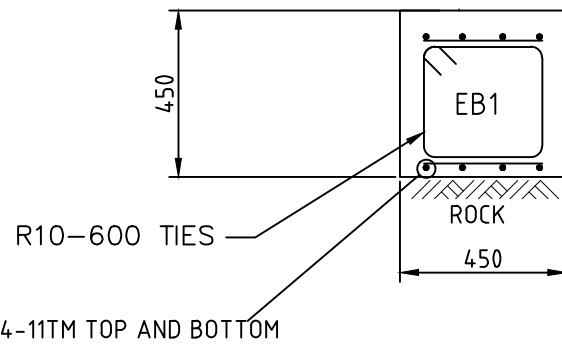
ALTERNATIVE CONNECTION BEAM TO COLUMN
SCALE = 1:10



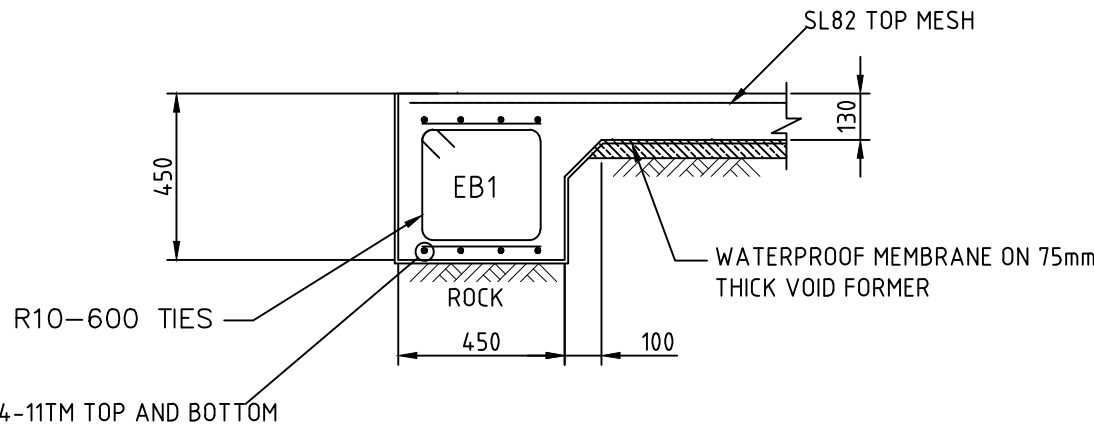
CONNECTION BEAM TO COLUMN
SCALE = 1:10



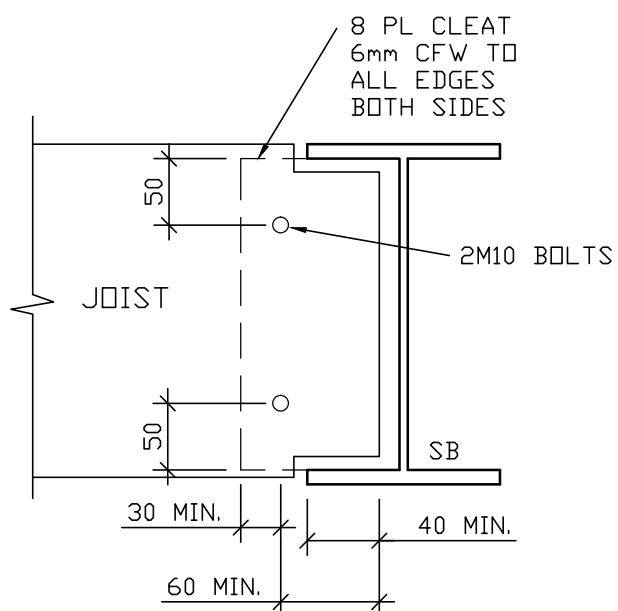
REAR TIMBER DECK AND ADDITION PLAN
1:50



FB1 DETAIL
SCALE = 1:20



EB1 DETAIL
SCALE = 1:20



TYP. TIMBER JOIST OR
BEARER TO STEEL BEAM
N.T.S

| ISSUE | NOTES | DATE |
|-------|------------------------|------------|
| A | ISSUE FOR DISCUSSION | 29/09/2021 |
| 01 | ISSUE FOR CONSTRUCTION | 20/01/2022 |
| | | |
| | | |
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| | | |
| | | |

SCALES 1:1

1:2

1:5

ARCHITECT

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CLIENT

**RACHEL & PER THORESSON
FAMILY**

PROJECT
PROPOSED ALTERATION AND ADDITION
**12 AUSTRAL AVENUE,
NORTH MANLY NSW**

DRAWING TITLE
REAR DECK & ADDITION PLAN

| | | | |
|------------------|----------|-----------------|------------|
| NUMBER IN SET | - | JOB NO | SD21120 |
| SCALE | AS SHOWN | SHEET NUMBER | ST2 OF 5 |
| DESIGN | M.G. | CHECK: B.M. | REV: 01 |
| DRAWN | U.H. | DATE | 20/01/2022 |

NOTE:
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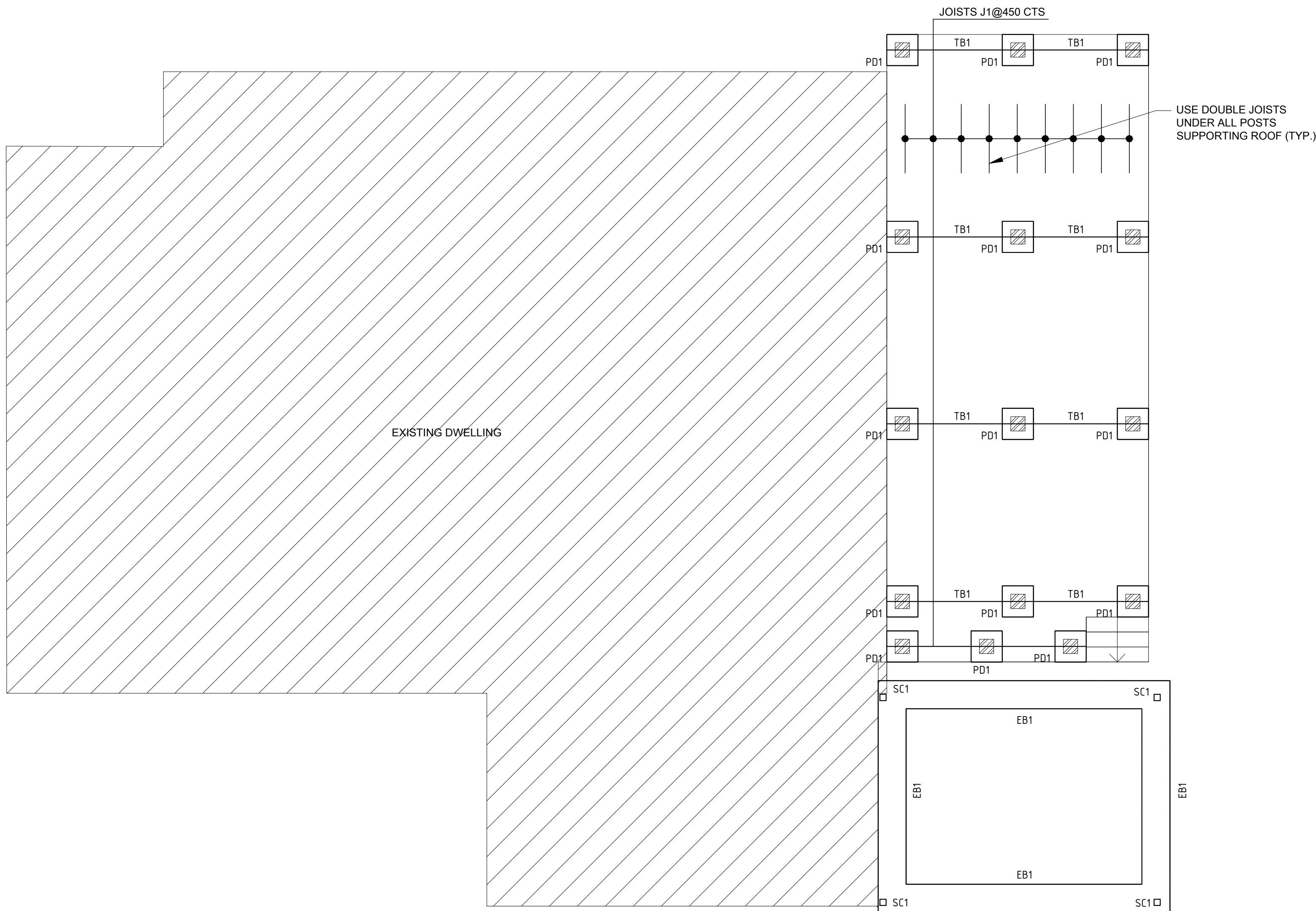
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NOTE:

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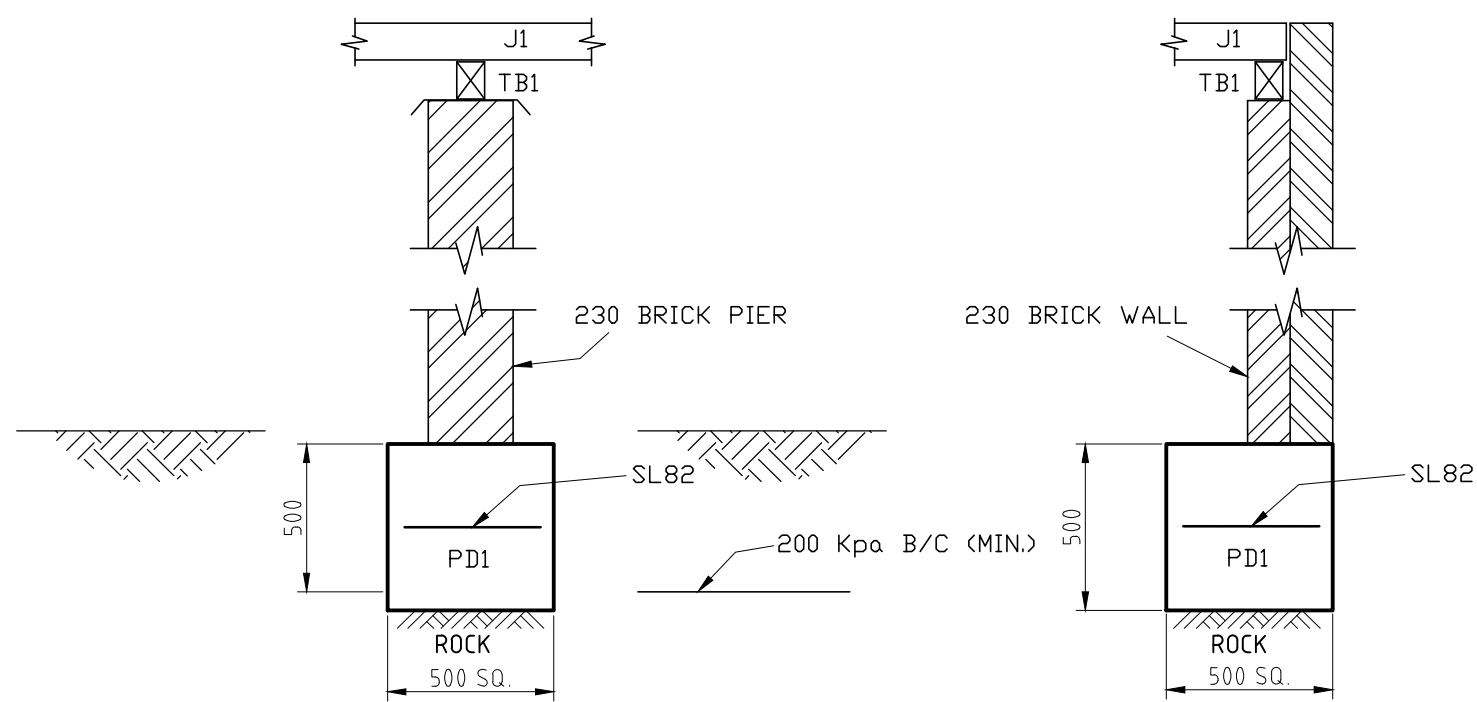
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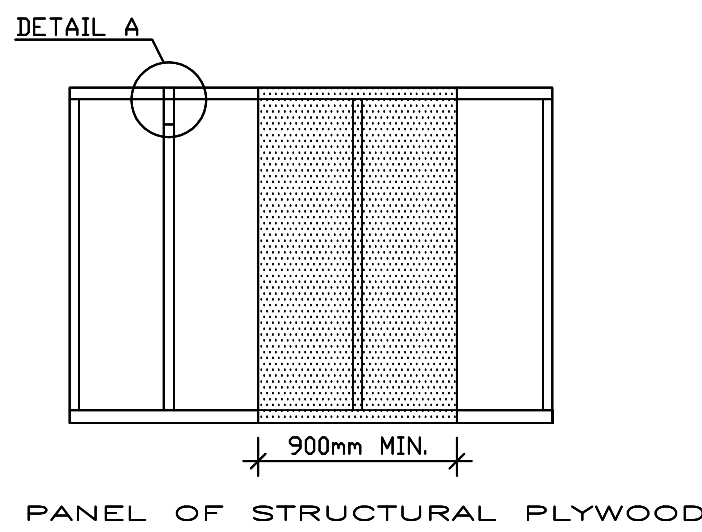


TIMBER DECK AND CARPORT PLAN
1:50

| MEMBER SCHEDULE | | MAXIMUM CLEAR SPAN DESIGN (m) |
|-----------------|---|-------------------------------|
| J1 | 200x45 SMART LVL (TREATED) | 3.00 |
| TB1 | 2/200x45 SMART LVL (TREATED) CONTINUOUS | 1.90 |



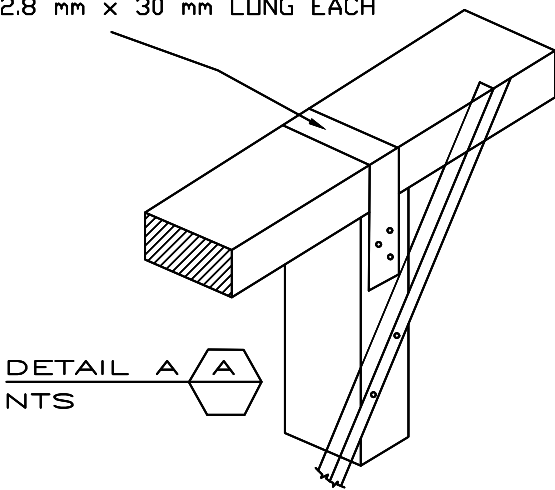
PD1 DETAILS
SCALE = 1:20



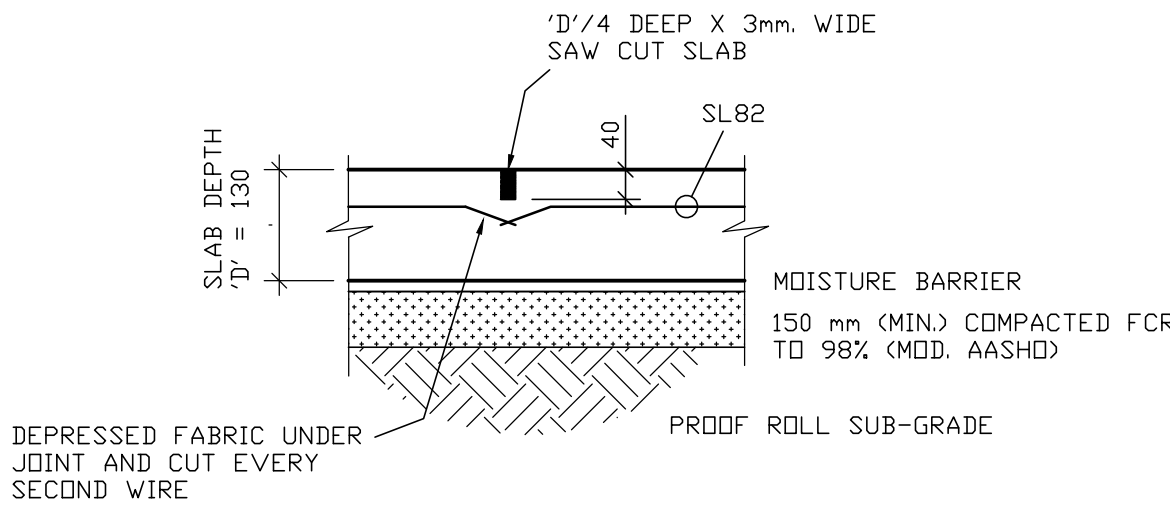
(FOR ALL EXTERNAL WALLS-EWB)

NOTE: PLYWOOD PANELS TO BE FIXED BY
FLATHEAD NAILS 2.8mm x 30mm LONG MIN. OR
EQUIVALENT Ø150 CTS. ALONG ALL EDGES AND
300 CTS. ALONG INTERMEDIATE STUDS. NAILS
SHALL BE LOCATED A MINIMUM OF 7 mm FROM
PANEL EDGES.

GALVANIZED METAL ROOF STRAP
30 mm x 0.8mm LOOPED OVER
PLATE AND FIXED TO STUD WITH
THREE GALVANIZED FLATHEAD
NAILS 2.8 mm x 30 mm LONG EACH
END.



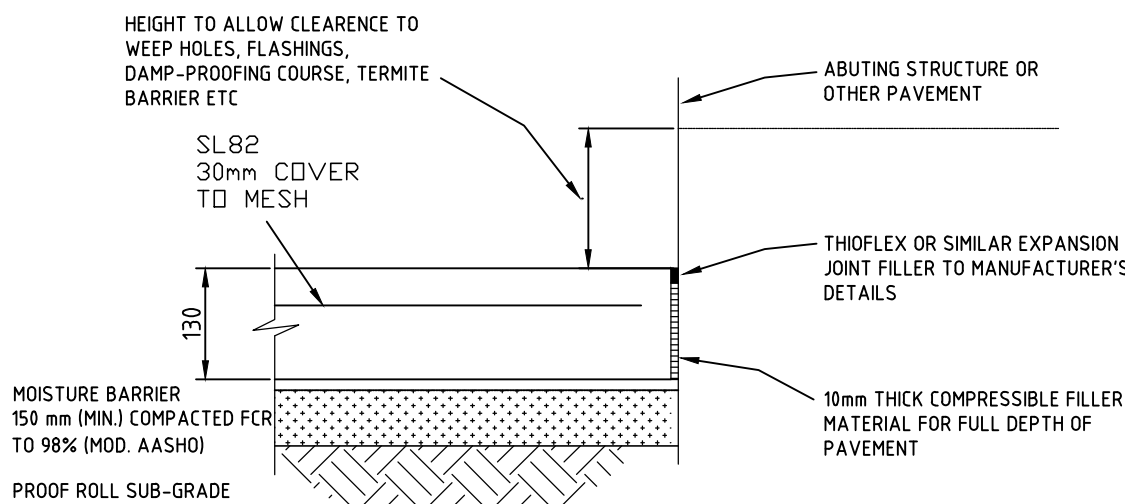
(FOR INTERNAL WALLS-IWB)



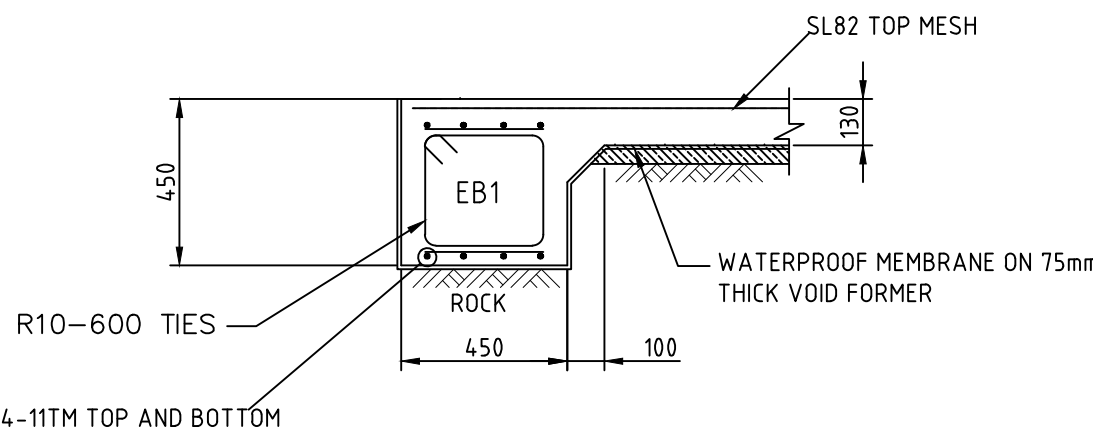
NOTE: SAW CUT TO BE MADE WITHIN 16 HOURS OF CASTING SLAB.

SAW CUTS PROVIDED AT 3m CENTRES

TYPICAL SAW CUT
1:10



**TYPICAL ISOLATION JOINT
FOR EXTERNAL SLAB**
SCALE = 1:20



NOTE:
OUR DESIGN BASED ON CLASS (M) SOIL
WITH 250KPa MINIMUM SOIL BEARING
CAPACITY, IF NOT CONSULT US

EB1 DETAIL
SCALE = 1:20

A1 - 594 x 841

| ISSUE | NOTES | DATE |
|-------|------------------------|------------|
| A | ISSUE FOR DISCUSSION | 29/09/2021 |
| 01 | ISSUE FOR CONSTRUCTION | 20/01/2022 |
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SCALES 1:1

1:2

1:5

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CLIENT

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FAMILY**

PROJECT
PROPOSED ALTERATION AND ADDITION
**12 AUSTRAL AVENUE,
NORTH MANLY NSW**

DRAWING TITLE
FRONT TIMBER DECK AND CARPORT
PLAN

| | | | |
|------------------|----------|-----------------|------------|
| NUMBER IN SET | - | JOB NO | SD21120 |
| SCALE | AS SHOWN | SHEET NUMBER | ST3 OF 5 |
| DESIGN | M.G. | CHECK: B.M. | REV: 01 |
| DRAWN | U.H. | DATE | 20/01/2022 |

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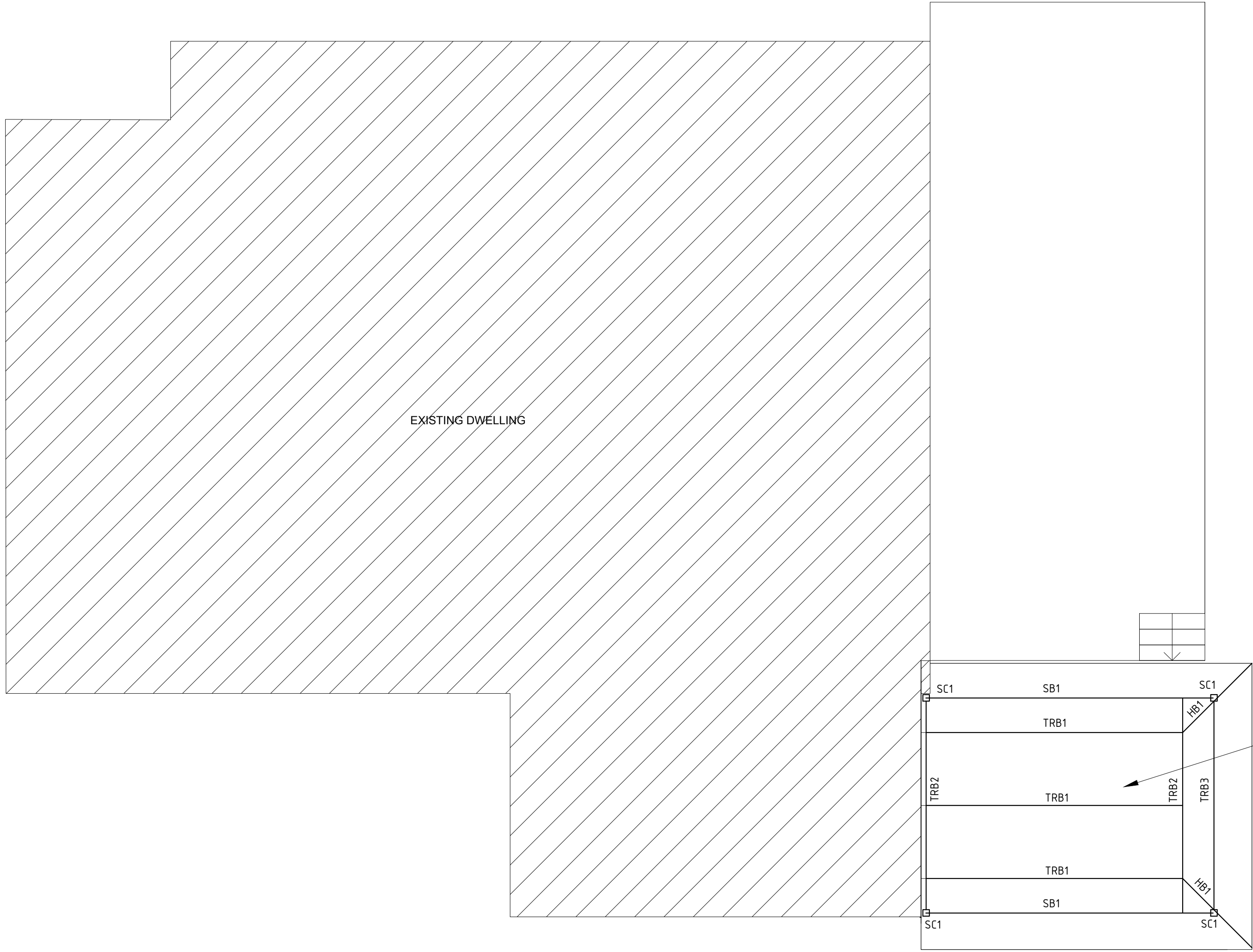
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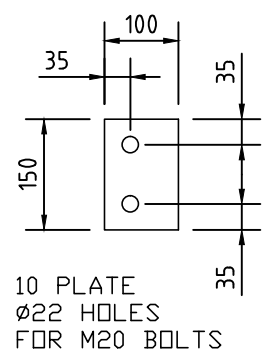
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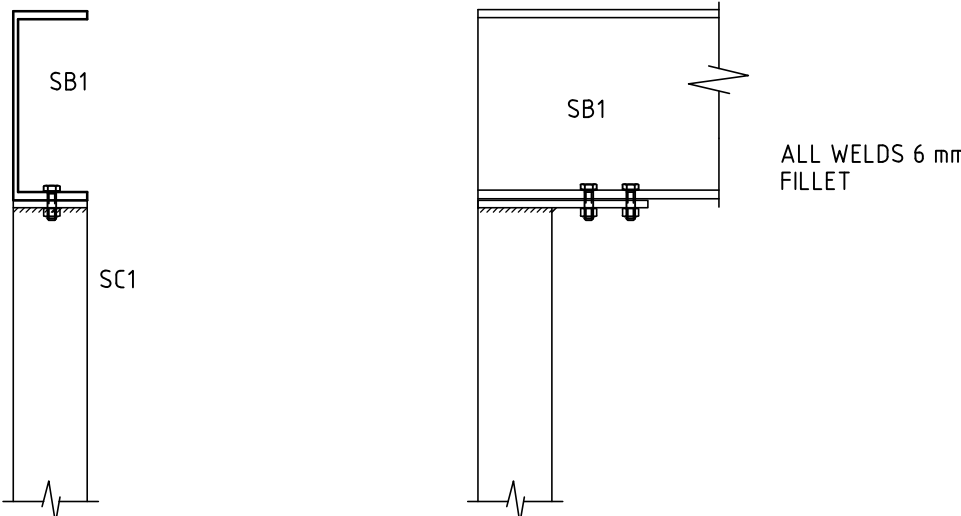
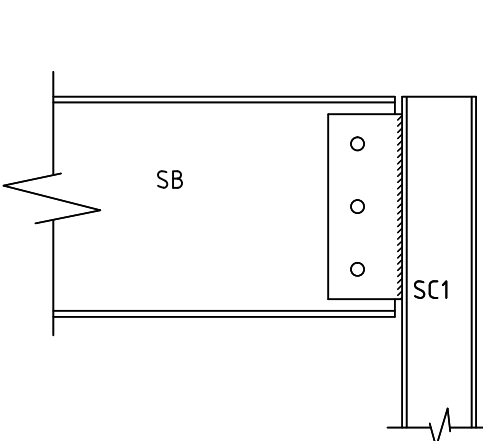
| MEMBER SCHEDULE | | MAXIMUM CLEAR SPAN DESIGN (m) |
|-----------------|----------------------------|----------------------------------|
| SC1 | 89x89 SHS | |
| SB1 | 200 PFC | 4.30 |
| R1 | 200x45 SMART LVL (TREATED) | 3.00 |
| TRB1 | 240x63 HYSPAN | 4.00 |
| TRB2 | 2/240x45 HYSPAN | 3.30 |
| TRB3 | 200x63 HYSPAN | 3.30 |
| HB1 | 240x63 HYSPAN | 1.50 |



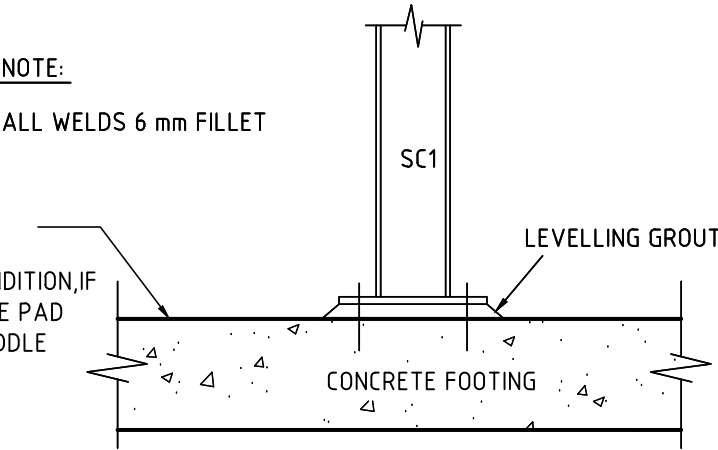
CARPORT ROOF PLAN
1:50



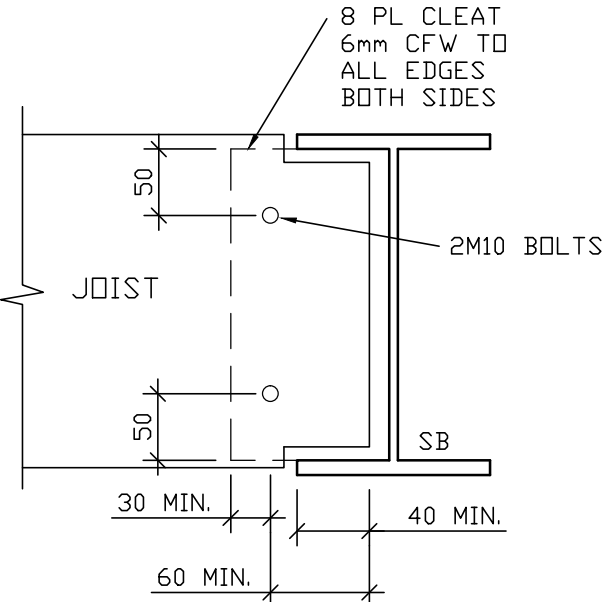
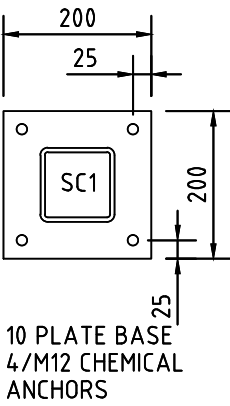
SIDE PLATE FOR BEAM 200 PFC & UB
SCALE = 1:10



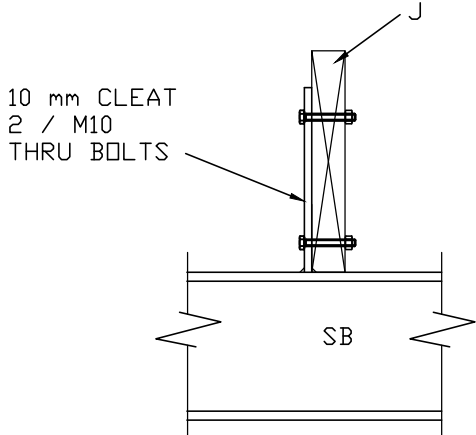
ALTERNATIVE CONNECTION BEAM TO COLUMN
SCALE = 1:10



CONNECTION BEAM TO COLUMN
SCALE = 1:10



TYP. TIMBER JOIST OR
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N.T.S



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SCALES 1:1

1020304050607080

1:2

20406080100120140160

1:5

100200300400

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FAMILY

| | | |
|--|-----------------------|-----------------------------|
| PROJECT PROPOSED ALTERATION AND ADDITION 12 AUSTRAL AVENUE, NORTH MANLY NSW | NUMBER IN SET - | JOB NO SD21120 |
| DRAWING TITLE CARPORT ROOF PLAN | SCALE AS SHOWN | SHEET NUMBER ST4 OF 5 |
| DESIGN M.G. | CHECK B.M. | REV. 01 |
| DRAWN U.H. | DATE 20/01/2022 | |

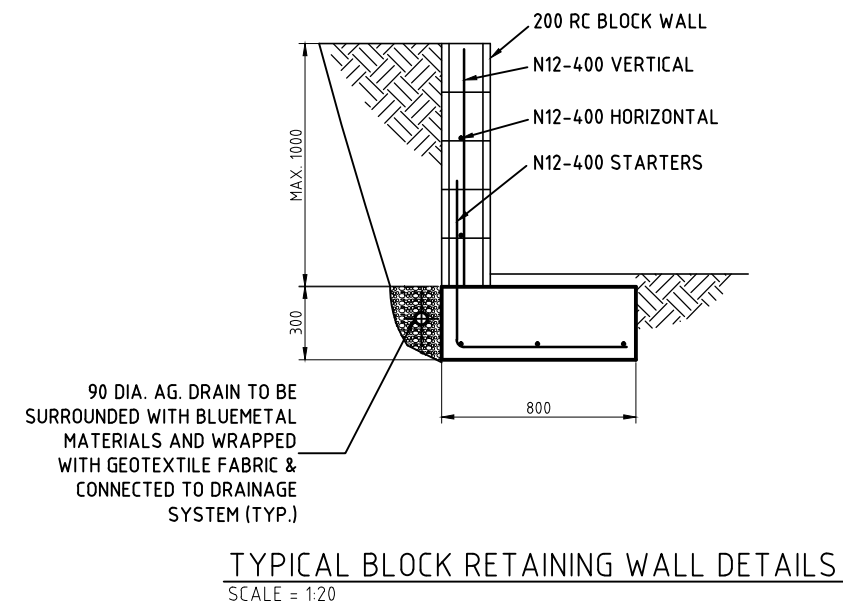
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A2 - 420 x 594

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| 01 | ISSUE FOR CONSTRUCTION | 20/01/2022 |
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SCALES 1:1

10 20 30 40 50 60 70 80

1:2

10 20 30 40 50 60 70 80

1:5

100 200 300 400



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CLIENT
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| | | |
|--|-----------------------|---------------------------|
| PROJECT PROPOSED ALTERATION AND ADDITION 12 AUSTRAL AVENUE, NORTH MANLY NSW | NUMBER IN SET - | JOB NO SD21120 |
| DRAWING TITLE RETAINING WALL DETAILS | SCALE AS SHOWN | SHEET NUMBER 5 OF 5 |
| DESIGN M.G. | CHECK B.M. | REV. 01 |
| DRAWN U.H. | DATE 20/01/2022 | |