HADLEY PARK - STAGE 1: STRUCTURAL REMEDIAL WORKS

WORKS PHILOSOPHY

WP1. REPAIRS ARE AIMED AT PROVIDING STRUCTURAL STABILITY TO THE BUILDINGS WHILE CONSERVING AND PRESERVING HERITAGE FABRIC.

WP2. WHERE TIMBER ELEMENTS ARE SCHEDULED TO BE REPLACED THIS IS TO BE DONE ON A LIKE FOR LIKE BASIS INCLUDING DIMENSIONS AND DECORATIVE FEATURES (FOR EXAMPLE : ADZING TO EXPOSED FACES, CHAMFERS, BEVELS AND THE LIKE).

WP3. ALL NEW TIMBER TO BE SEASONED HARDWOOD FREE OF SPLITS OR DEFECTS.

WP4. AT SPLICES TRIM AND SHAPE TIMBER TO MATCH ADJACENT ORIGINAL TIMBER.

WP5. REPAIR DETAILS SHOWN ARE INDICATIVE ONLY. THEY WILL NEED TO BE DIMENSIONALLY ADAPTED TO SUIT SITE GEOMETRY.

WP5. ALL BOLTS AND BRACKETS EXPOSED TO THE WEATHER OR EMBEDDED IN EXTERNAL WALLS ARE TO BE GRADE 316 STAINLESS STEEL.

WP6. ALL TIE WIRE AND INTERNAL BOLTS AND BRACKETS TO BE HOT DIP GALVANISED.

WP7. PRE DRILL WHEN NAILING EXISTING MEMBERS.

WP8. PROVIDE TEMPORARY PROPPING AND BRACING WHERE NECESSARY TO STABILISE ELEMENTS PRIOR TO AND DURING WORKS.

WP9. WHERE POSSIBLE EXISTING MATERIAL IS TO BE KEPT IN ITS ORIGINAL LOCATION AND REPAIRED. WHERE SALVAGEABLE MATERIAL MUST BE REMOVED OR REPLACED IT SHOULD BE REUSED ELSE-WHERE IF POSSIBLE.

TIMBER LINTELS, BEAMS AND HORIZONTAL GROUNDS EMBEDED IN THE WALLS

TL1. ALL TIMBER LINTELS AND HORIZONTAL GROUNDS SHALL BE EXAMINED BY CAREFUL PEELING BACK OF FINISHES. WHERE CONDITION IS DOUBTFUL THE TIMBER SHALL BE DRILL TESTED WITH AN 8mm TWIST DRILL TO CHECK FOR VOIDS AND DECAY. REPAIR AND REPLACEMENT SHALL BE AGREED WITH THE ENGINEER.

TL2. REPLACEMENT OF THE TIMBER LINTELS WILL BE BY SUITABLE TEMPORARY PROPPING AND REPLACEMENT WITH SOUND SEASONED HARDWOOD SHAPED AND FINISHED TO MATCH ORIGINAL AND PACKED TIGHT IN PLACE WITH MORTAR TO MATCH ORIGINAL.

TL3. REPLACEMENT OF TIMBER GROUNDS CAN BE DONE IN DISCRETE LENGTHS WITH HORIZONTAL HALVED SPLICES AT JUNCTIONS. THE SPLICES DO NOT NEED TO BE CONNECTED. THE GROUNDS ARE TO BE SOUND SEASONED HARDWOOD SHAPED AND FINISHED TO MATCH ORIGINAL AND ARE TO BE SET INTO A MORTAR NEED TO BE CONNECTED. THE GROUNDS ARE TO BE SET INTO A MORTAR BACKING AND MORTAR PACKED ALL AROUND.

TL4. REPLACEMENT TIMBER IS TO BE NEATLY AND DISCRETELY MARKED 2010 BY ENGRAVING OR STAMPING INTO A SUITABLE EXPOSED POSITION

TL5. FOR ESTIMATING PURPOSES ALLOW FOR REPLACEMENT OF 100 LINEAL METRES OF EMBEDDED TIMBER GROUNDS. PROVIDE A RATE PER LINEAL METRE FOR REPLACEMENT OF GROUNDS TO ALLOW ADJUSTMENT TO COSTS FOR LENGTHS GREATER OR LESS THAN THIS ALLOWANCE.

TERMITE PROTECTION

TP1. WHERE DISTURBED BY THE WORKS REMOVE AND REPLACE TERMITE BAITING STATIONS AT COMPLETION

GENERAL NOTES

G1. THESE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL APPROVAL CONDITIONS, ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE WORK.

G2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SOUND HERITAGE CONSERVATION PRACTICE.

G3. ALL SET OUT DIMENSIONS SHOWN ON THESE STRUCTURAL DRAWINGS SHALL BE VERIFIED BY THE BUILDER ON SITE. DO NOT SCALE THESE STRUCTURAL DRAWINGS FOR DIMENSIONS.

G4. UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.

G5. THE METHOD OF CONSTRUCTION AND THE MAINTENANCE OF BUILDING STABILITY SAFETY DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE BUILDER. IF ANY STRUCTURAL ELEMENT PRESENTS DIFFICULTY IN RESPECT OF CONSTRUCTABILITY OR SAFETY, THE MATTER SHALL BE REFERRED TO THE STRUCTURAL ENGINEER FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.

G6. DURING CONSTRUCTION THE STRUCTURE SHALL BE PROTECTED AND MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERLOADED. THE BUILDER SHALL PROVIDE TEMPORARY BRACING, SHORING AND PROPPING IN ORDER TO KEEP THE BUILDING WORKS AND EXCAVATIONS STABLE AT ALL TIMES. ALL TEMPORARY WORKS SHALL BE APPROVED BY THE ARCHITECT AND/OR STRUCTURAL ENGINEER PRIOR TO IMPLEMENTATION.

G7. THE BUILDER IS RESPONSIBLE FOR THE ADEQUACY OF ALL TEMPORARY WORKS INCLUDING SHORING, PROPPING AND BRACING AND WHERE NECESSARY IS TO ENGAGE A STRUCTURAL ENGINEER TO DESIGN AND CERTIFY HIS TEMPORARY WORKS.

G8. IF THERE IS A DISCREPANCY IN MEMBER SIZES FOR ANY COMPONENT, ASSUME FOR PRICING PURPOSES ONLY THAT THE LARGER OR MORE EXPENSIVE SIZE IS CORRECT. REFER TO STRUCTURAL ENGINEER FOR DECISION BEFORE DETAILING OR CONSTRUCTION.

G9. DETAIL AND SECTION IDENTIFICATION

1/S01 — 1 = DETAIL OR SECTION REFERENCE; S01 = DRAWING REFERENCE

TIMBER

T1. ALL TIMBER DESIGN, MATERIAL AND CONSTRUCTION TO COMPLY WITH AS1170

T2. TIMBER FRAMING SHALL COMPLY WITH AS1684

T3. HARDWOOD TO BE SEASONED, MINIMUM GRADE F14, JOINT GRADE J3 UNO SUBMIT SUPPLIER'S CERTIFICATE AS TO STRESS GRADE OF TIMBER MEMBERS. ALL TIMBER SHALL BE YEAR MARKED

T4. EXTERNAL TIMBER SHALL BE HARDWOOD MINIMUM DURABILITY CLASS 1

T5. ALL SIZES ASSUME NO NOTCHING. ALL JOINTS AND ENDS ARE TO BE A MIN 100mm AWAY FROM ANY TIMBER DEFECTS

T6. ALL BOLTS IN TIMBER CONSTRUCTION TO BE MINIMUM M16 UNLESS NOTED OTHERWISE. BOLT HOLES TO BE DRILLED EXACT BOLT SIZE. WASHERS UNDER HEADS AND NUTS TO BE AT LEAST 2.5 TIMES BOLT DIAMETER.

T7. TIMBER TOLERANCES ON THE FINISHED WIDTH AND THICKNESS TO BE IN ACCORDANCE WITH AS2082, AS1748, AS3519 AS APPROPRIATE

T8. ALL TIMBER JOINTS AND NOTCHES ARE TO BE 100MM MINIMUM AWAY FROM LOOSE KNOTS, SEVERE SLOPING GRAIN, GUM VEINS OR OTHER MINOR DEFECTS.

CLAY BRICK MASONRY

M1. BRICK REPAIRS SHALL BE CARRIED OUT WITH SALVAGED BRICKS FROM SITE OR BRICKS FROM ELSEWHERE OF AS CLOSE A MATCH AS POSSIBLE IN COLOUR, TEXTURE & SIZE. BRICKS TO BE APPROVED BY THE SUPERINTENDENT.

M2. EXISTING MORTAR SHALL BE ANALYSED FOR COMPOSITION BY APPROPRIATE TESTING LABRATORY. NEW MORTAR SHALL MATCH EXISTING.

M3. SALVAGE AND REUSE EXISTING MORTAR SUPPLIMENTED WITH NEW MORTAR

M4. WHERE SUITABLE BRICKS CAN NOT BE SOURCED THEN THE BUILDER IS TO HAVE BRICKS MANUFACTURED TO MATCH EXISTING. THE BUILDER IS TO PREPARE A SAMPLE OF TEN BRICKS FOR THE ARCHITECTS APPROVAL PRIOR TO MANUFACTURING THE REMAINDER

M5. ALL MANUFACTURED BRICKS ARE TO BE PERMANENTLY MARKED TO IDENTIFY THEM AS NON-ORIGINAL. THE NATURE OF THE MARK IS TO BE AGREED WITH THE ARCHITECT

M6. ALL LOOSE FRETTED BRICKWORK IS TO BE REMOVED FROM EXPOSED FACES

M7. BRICKS WITH LESS THAN 15 mm OF LOSS OF FACE MAY REMAIN IN-SITU IF DESALINATED AND SOUND

M8. BRICKS WITH MORE THAN 15 mm OF LOSS BUT LESS THAN 30mm OF LOSS MAY BE ROTATED AND RE-USED IF DESALINATED AND SOUND. THE VOID SPACE IS TO BE MADE UP WITH MORTAR

M9. DESALINATE BRICKS THAT ARE SALVAGED FROM ELSEWHERE.

M10. AREAS OF MORTAR LOSS ARE TO BE RE-POINTED USING MATCHING MORTAR TO ACHIEVE FULL DEPTH BEARING CONTACT ON BEDS AND PERPENDS, AS INSTRUCTED BY THE SUPERINTENDENT

TENDERERS SHALL ALLOW FOR 10SQM OF RE-POINTING WITH A +/- RATE FOR VARIATION

BRICK STITCHING

BS1. REMEDIAL BRICK REINFORCING IS TO BE CARRIED OUT USING 6mm STAINLESS STEEL HELIBARS BY HELIFIX FIXED WITH LIME MORTAR, (NOT WITH HELIBOND, CEMENTITOUS MORTARS OR EPOXY MORTARS)

BS2. BRICK REINFORCING SHOWN ON THE DRAWINGS IS INDICATIVE OF LAYOUT. DETAILED LAYOUT IS TO BE AGREED ON SITE WITH THE STRUCTURAL ENGINEER AND ARCHITECT

POST SUPPORT

PS1. MAINTAIN SOUND POSTS AND POST REMNANTS IN-SITU. ALLOW TO PROP AND SUPPORT AS REQUIRED

PS2. ANY PROPOSED REMOVAL IS TO BE CONFIRMED WITH THE ARCHITECT AND ENGINEER PRIOR TO REMOVAL

USE OF PROPRIETARY MATERIALS

PM1 ALL PROPRIETARY MATERIALS MUST BE USED STRICTLY ACCORDING TO THE MANUFACTURERS INSTRUCTIONS.

EXISTING PROP REMOVAL

PR1. PROPS SHALL ONLY REMOVED ONCE ALL OF THE REMEDIAL WORKS ARE COMPLETED AND INSPECTED BY THE ENGINEER

PR2. INSERT AN ACROW PROP ADJACENT TO THE PROP TO BE REMOVED AND APPLY SUFFICIENT SCREW PRESSURE TO JUST ALLOW THE EXISTING PROP TO BE REMOVED

PR3. CAREFULLY REMOVE THE EXISTING PROP WITH CAUSING ANY IMPACT

PR4. MONITORING THE STRUCTURE OVER, SLOWLY RELEASE THE ACROW PROP AND CHECK THAT NOW MOVEMENT HAS TAKEN PLACE

PR5. IF ANY MOVEMENT OCCURS, RE-TIGHTEN THE ACROW PROP AND ADVISE THE ENGINEER IMMEDIATELY

FIRST FLOOR AND ROOF TIMBER FRAMING

FF1. ALL THE TIMBER FLOOR/CEILING JOISTS, BEARERS AND RAFTERS MUST BE INVESTIGATED AND ASSESSED FOR RE-USE PRIOR TO REMOVAL OF ANY OF THE EXISTING PROPS

FF2. ANY PROP REMOVAL SHALL COMPLY WITH THE PR NOTES ABOVE

FF3. SUBJECT TO THE APPROVAL OF THE ARCHITECT, REMOVE ALL CEILING LININGS (OR FLOOR BOARDS) TO FACILIATE A FULL AND COMPLETE INSPECTION OF THE JOISTS AND BEARERS

FF4. ALL TIMBER MEMBERS SHALL 'SOUNDED' TO DETERMINE ANY LOCALISED AREAS OF DECAY. INDENTIFIED AREAS SHALL BE DRILL RESISTANCE TESTED WITH A <6mm DIAMETER TWIST DRILL

FF5. IF DURING DRILL TESTING AN AREA HAS A DEFECT > DEPTH OR WIDTH BY 20% OF THE OVERALL DIMENSION, THE ENGINEER MUST BE ADVISED. A REPAIR OR SUPPLEMENTATION INSTRUCTION WILL THEN BE ISSUED BY THE ENGINEER

FF6. FOR TENDERING PUPOSES ONLY ALLOW FOR NEW TIMBER MEMBERS:

BEARERS:	300x63 LVL	10m
JOISTS:	100x45 LVL	30m
RAFTERS:	150x45 LVL	20m

AND PROVIDE A +/- RATE FOR VARIATION TO THE ABOVE

FF7. ALL NEW TIMBER SHALL BE DATE STAMPED WITH THE YEAR OF INSTALLATION, IN AN EXPOSED YET DISCRETE LOCATION

MEMBER KEY

T	TOP FLOOR
B	BOTTOM FLOOR
P	POST
CR	CHAIR RAIL GROUNDS
GD	SKIRTING GROUNDS
J	JOIST
DT	DECAYED TIMBER

ELEMENTS ARE NUMBERED ON PLAN.
BOARDS, JOISTS, RAFTERS ETC ARE NUMBERED FROM NORTH TO SOUTH AND FROM WEST TO EAST (AS APPROPRIATE FOR ORIENTATION).

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.com.au

Project: HADLEY PARK - STAGE 1, 113 CASTLEREAGH ROAD, CASTLEREAGH
Drawing Title: NOTES
Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT
Scales:
Date: JUNE 2022
Architect / Project Manager: JPA&D
Drawing No.: 1842- S101
1 OF 9
Revision: B

A3 SHEET
150mm 100mm 50mm 0
FILENAME : PLOTTED BY : TIME : DATE :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

Application No: 1638

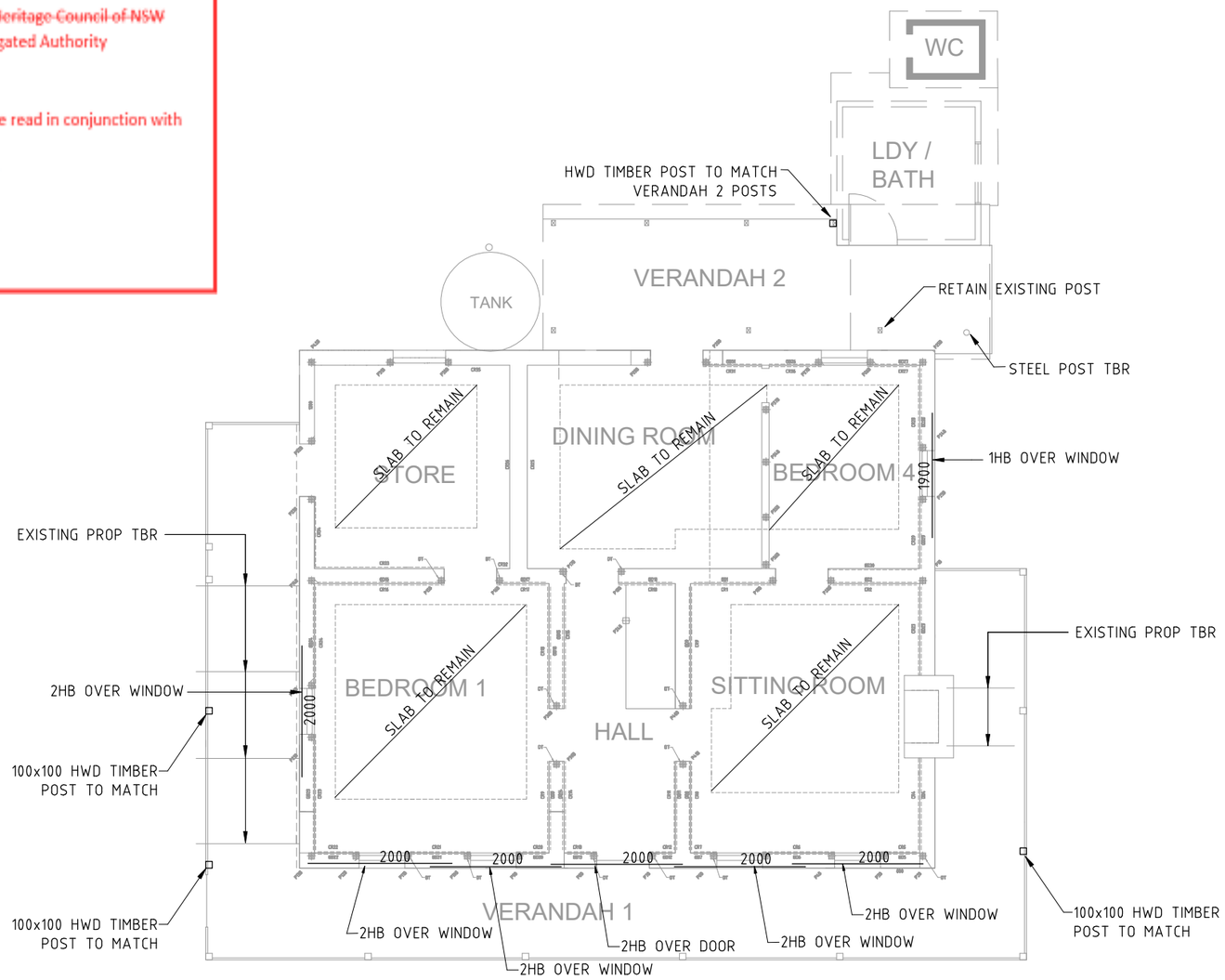
Approved by ~~the Heritage Council of NSW~~
Delegated Authority

On: 17/11/2022

These plans should be read in conjunction with the decision notice

~~Heritage NSW~~

(for) Delegate
Heritage Council



GROUND FLOOR

SCALE 1:100

XHB X 6mm G316 HELIBARS
LAYOUT TO BE CONFIRMED WITH ENGINEER ON SITE

XXXX LENGTH OF HELIBAR (mm)

TBR TO BE REMOVED, AFTER INSTALLATION OF REMEDIAL BRACING AND AFTER DIRECTION BY THE ENGINEER

1. SPLICE REPLACE DECAYED VERANDAH POST BASES
2. RE-LEVEL VERANDAH BEAMS
3. GRADE FINISHED GROUND LEVELS AWAY FROM THE VERANDAH REFER TO CIVIL DRAWING BY OTHERS

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.com.au

Project: HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager: JPA&D

Drawing Title: GROUND FLOOR

Scales: 1:100

Date: JUNE 2022

Drawing No.: 1842- S102

2 OF 9

Revision: B

A3 SHEET
150mm 100mm 50mm 0
FILENAME: PLOTTED BY: TIME: DATE:

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

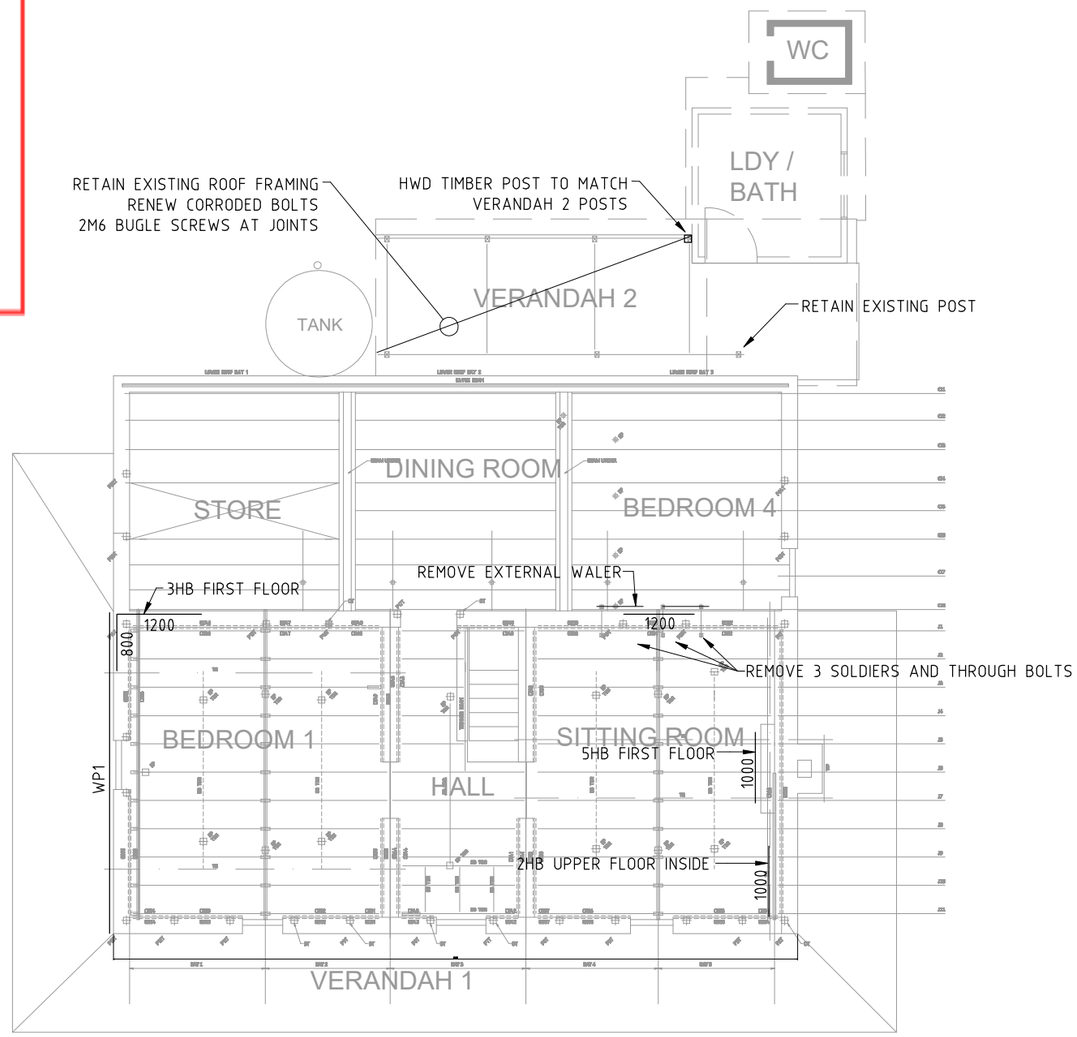
Application No: 1638

Approved by ~~the Heritage Council of NSW~~
Delegated Authority

On: 17/11/2022

These plans should be read in conjunction with the decision notice

(for) Delegate
Heritage Council



FIRST FLOOR, LOWER CEILING AND VERANDAH 2 ROOF PLAN

SCALE 1:100

XHB X 6mm G316 HELIBARS
LAYOUT TO BE CONFIRMED WITH ENGINEER ON SITE

XXXX LENGTH OF HELIBAR (mm)

TBR TO BE REMOVED, AFTER INSTALLATION OF REMEDIAL BRACING
AND AFTER DIRECTION BY THE ENGINEER

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.au

Project: HADLEY PARK - STAGE 1 113 CASTLEREAGH ROAD CASTLEREAGH	Drawing Title: FIRST FLOOR PLAN LOWER CEILING PLAN VERANDAH 2 ROOF PLAN
Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT	Scales: 1:100 — Date: JUNE 2022
Architect / Project Manager: JPA&D	Drawing No.: 1842- S103 — 3 OF 9 — Revision: B

A3 SHEET
150mm 100mm 50mm 0
PLOTTED BY : FILENAME:
DATE : TIME :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

Application No: 1638

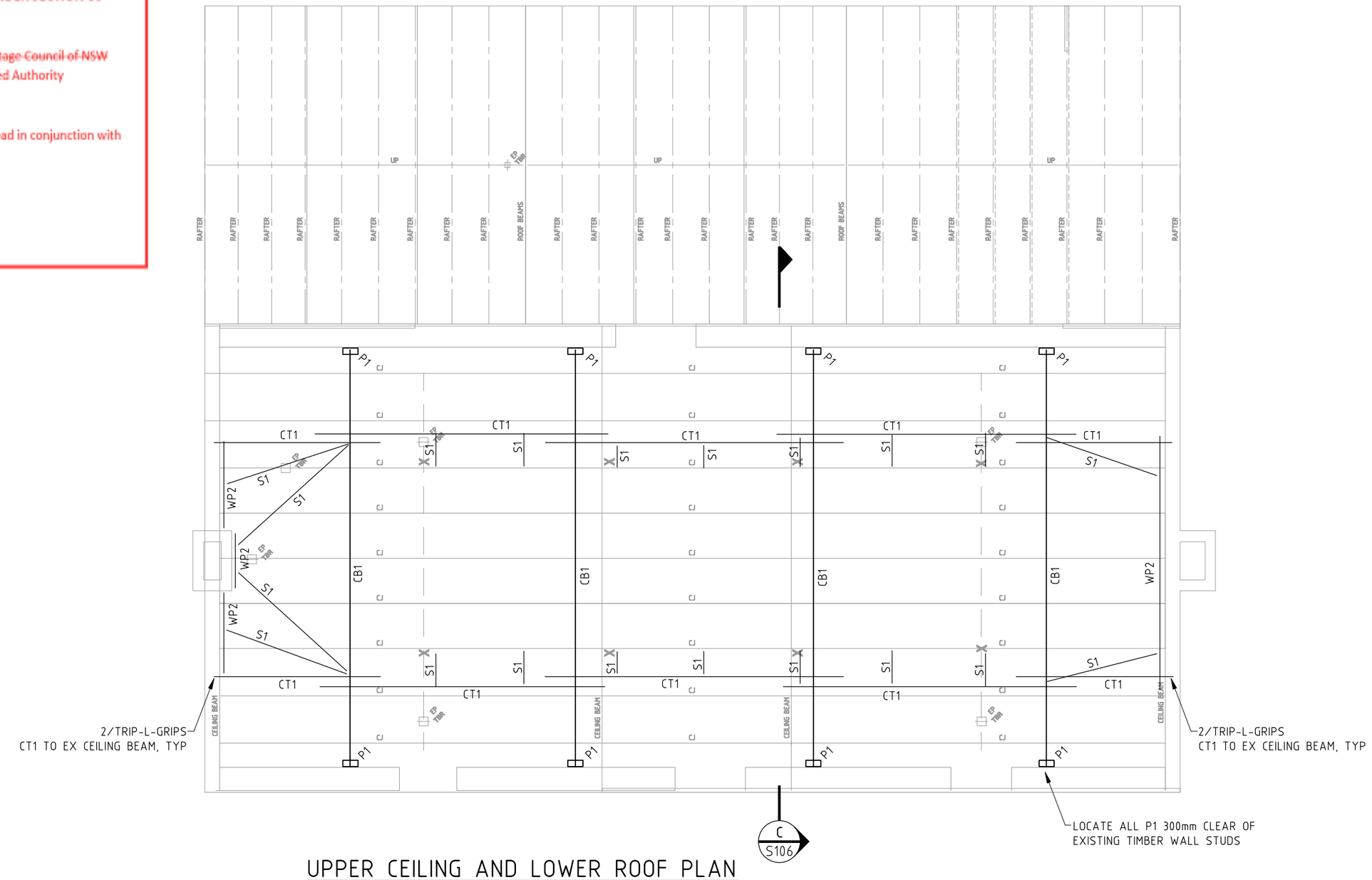
Approved by ~~the Heritage Council of NSW~~
Delegated Authority

On: 17/11/2022

These plans should be read in conjunction with the decision notice

~~Heritage NSW~~

(for) Delegate
Heritage Council



UPPER CEILING AND LOWER ROOF PLAN

SCALE 1:50

P1 150x63 LVL POST
S1 90x63 LVL STRUT

CB1 200x63 LVL CEILING BEAM
CT1 150x63 LVL CEILING TIE

WP2 170x63 LVL WALL PLATE
M12 G304 STAINLESS STEEL CHEMICAL MASONRY ANCHORS AT 600 CENTRES
MINIMUM 2 PER WALL PLATE

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.com.au

Project
HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client
DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager
JPA&D

Drawing Title
UPPER CEILING PLAN
LOWER ROOF PLAN
VERANDAH 2 ROOF PLAN

Scales 1:50
Date JUNE 2022
Drawing No. 1842- S104
4 OF 9
Revision B

A3 SHEET
150mm 100mm 50mm 0
FILENAME :
PLOTTED BY :
TIME :
DATE :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

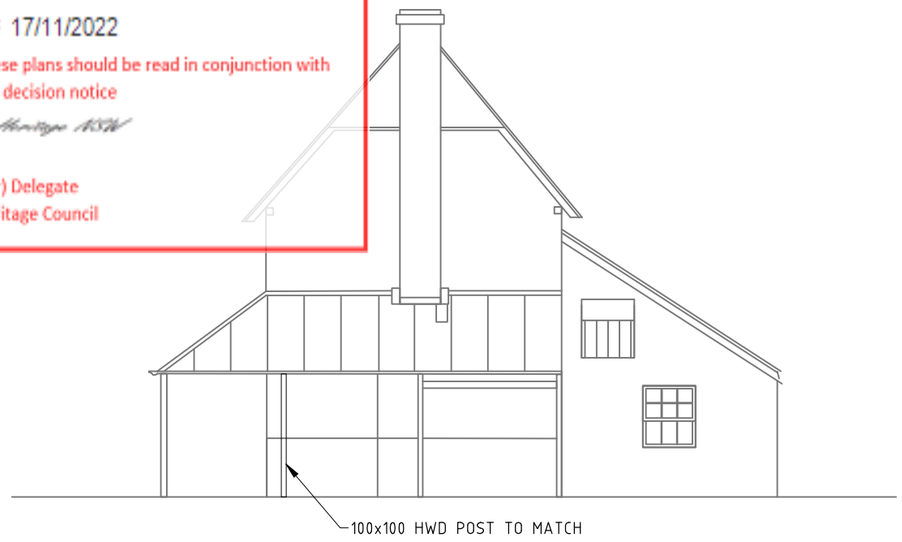
Application No: 1638

Approved by ~~the Heritage Council of NSW~~
Delegated Authority

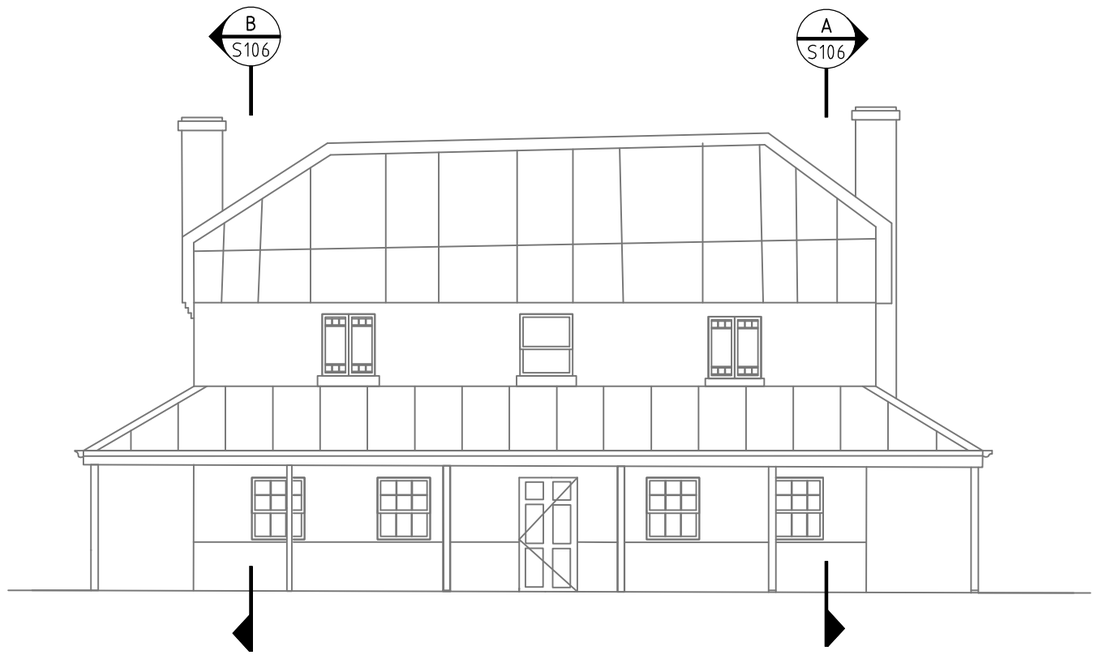
On: 17/11/2022

These plans should be read in conjunction with the decision notice

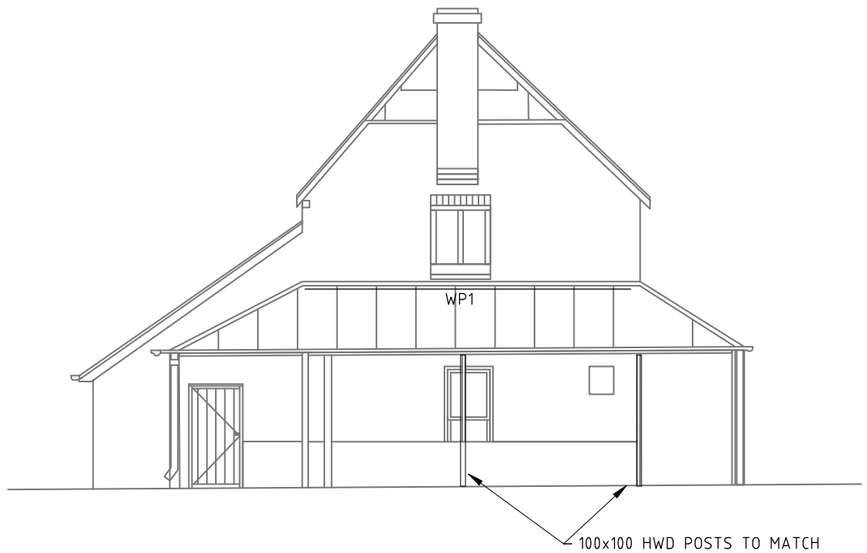
(for) Delegate
Heritage Council



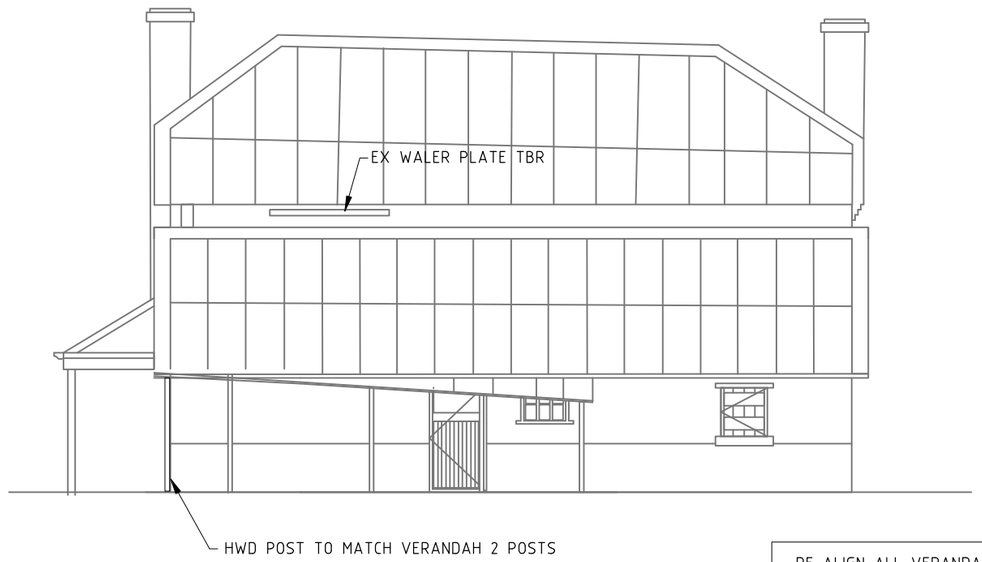
NORTH ELEVATION
SCALE 1:100



EAST ELEVATION
SCALE 1:100



SOUTH ELEVATION
SCALE 1:100



WEST ELEVATION
SCALE 1:100

RE-ALIGN ALL VERANDAH BEAMS, PLUMB POSTS AND SPLICE REPLACE POST BASES, AS DIRECTED BY THE ENGINEER

Revision	Amendment or reason for issue	issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.com.au

Project: HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager: JPA&D

Drawing Title: ELEVATIONS

Scales: 1:100

Date: JUNE 2022

Drawing No.: 1842- S105

5 OF 9

Revision: B

A3 SHEET
150mm
100mm
50mm
0

FILENAME:
PLOTTED BY :
TIME :
DATE :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

Application No: 1638

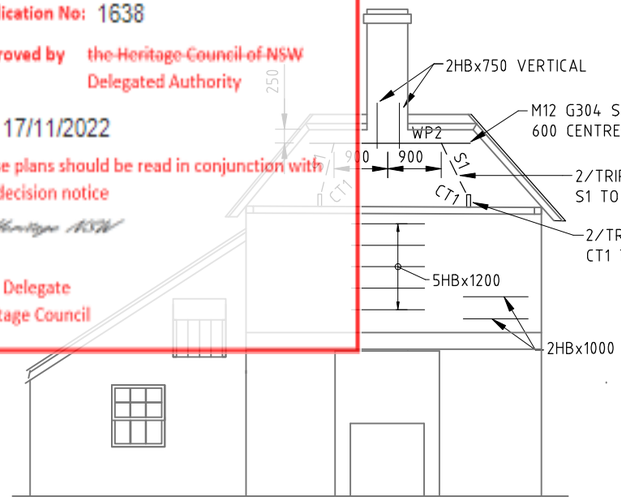
Approved by ~~the Heritage Council of NSW~~
~~Delegated Authority~~

On: 17/11/2022

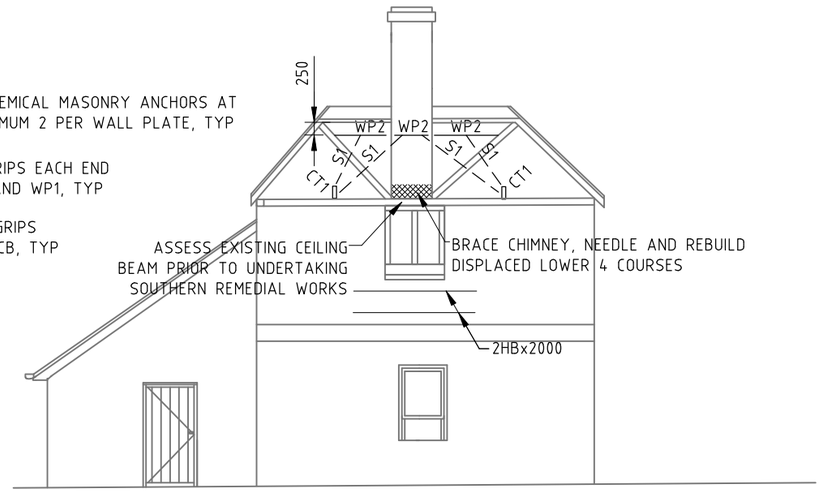
These plans should be read in conjunction with the decision notice

~~Heritage NSW~~

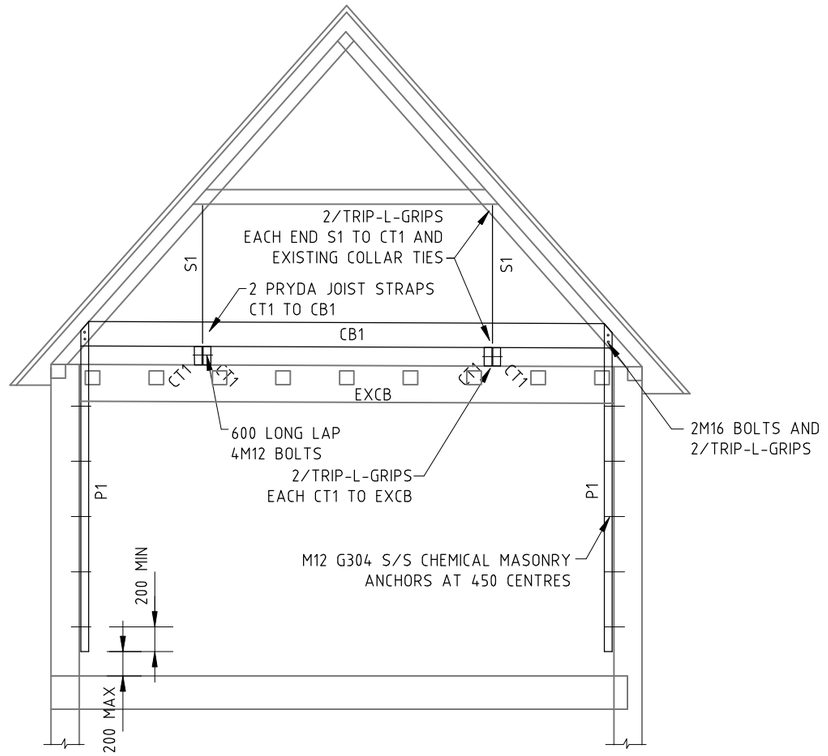
(for) Delegate
Heritage Council



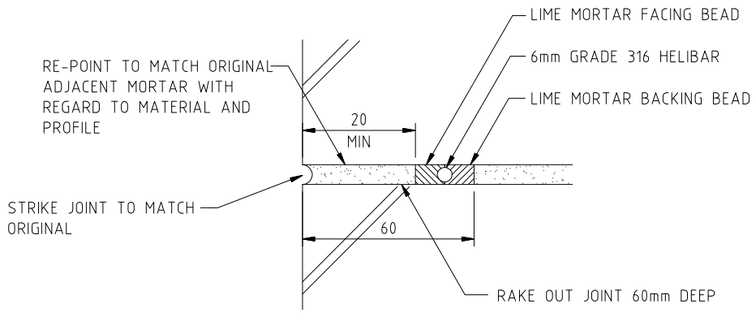
SECTION A S105
SCALE 1:100



SECTION B S105
SCALE 1:100



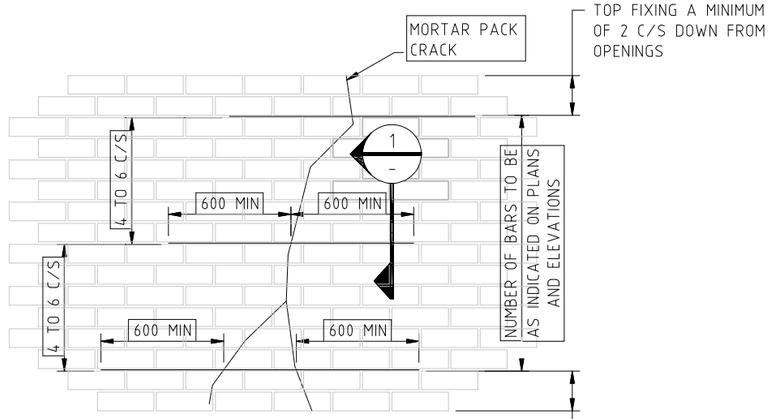
SECTION C S105
SCALE 1:50



TYPICAL CRACK STITCHING DETAIL

SECTION 1 –

BEAD MORTAR TO BE M1
1 LIME : 3 SAND



TYPICAL CRACK STITCHING ELEVATION

ACTUAL SETOUT TO BE CONFIRMED ON SITE WITH THE ENGINEER - BAR LENGTH SHOWN ON PLAN

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.au

Project: HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager: JPA&D

Drawing Title: SECTIONS DETAILS

Scales: 1:100; 1:50; NTS

Date: JUNE 2022

Drawing No.: 1842- S106

6 OF 9

Revision: B

A3 SHEET

PLOTTED BY :

FILENAME

TIME :

DATE :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

Application No: 1638

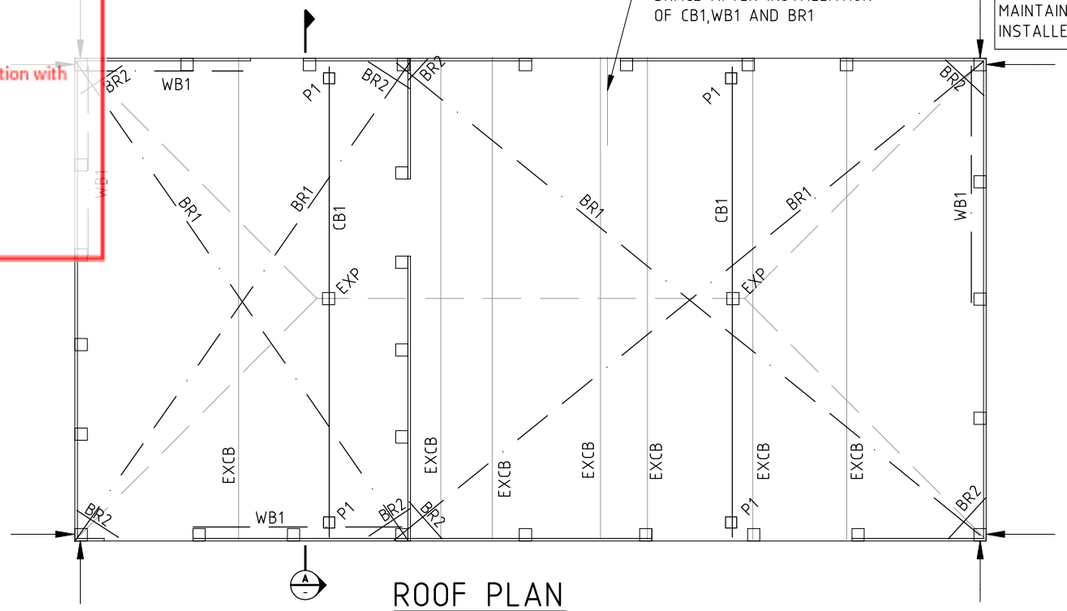
Approved by ~~the Heritage Council of NSW~~
Delegated Authority

On: 17/11/2022

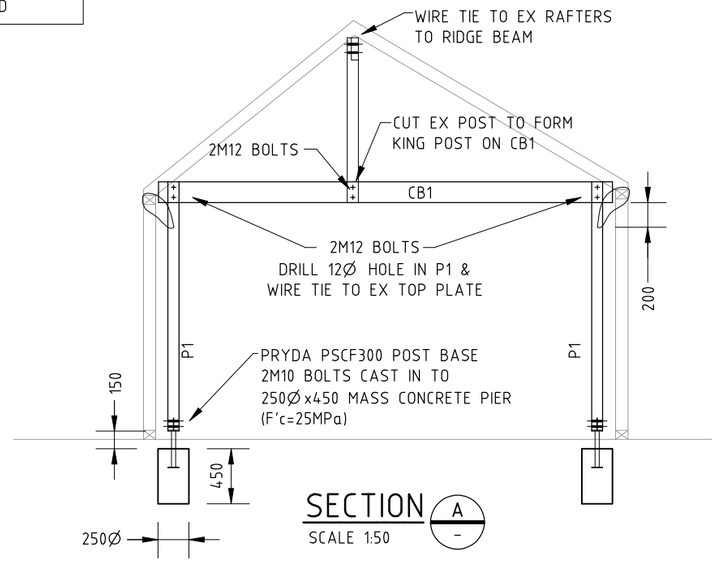
These plans should be read in conjunction with the decision notice

~~Heritage NSW~~

(for) Delegate
Heritage Council



ROOF PLAN
SCALE 1:50



SECTION A
SCALE 1:50

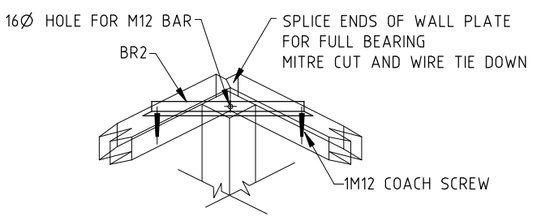
SCHEDULE:

EXCB- EXISTING CEILING BEAM
EXP- EXISTING POST, CUT DOWN TO FORM NEW KING POST

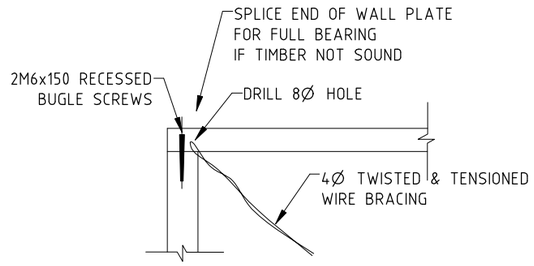
P1- 90x90 F7 (H3) POST

CB1- 170x63 LVL CEILING BEAM

BR1- M12 GALVANISED THREADED BAR CEILING TIE, TENSIONED
BR2- 32EA6 GALVANISED ANCHOR BRACKET
WB1- 4Ø GALVANISED WIRE 'X' WALL BRACING TWISTED INTO TENSION



WALL CORNER PERSPECTIVE
SCALE 1:20



TYPICAL WB1 DETAIL
SCALE 1:20
BOTTOM WALL PLATE SIMILAR
SKEW SCREWS TO SUIT

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.au

Project: HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager: JPA&D

Drawing Title: WEATHERBOARD COTTAGE
ROOF FRAMING REMEDIAL WORK
PLAN AND DETAILS

Scales: 1:50; 1:20

Date: JUNE 2022

Drawing No.: 1842- S107

7 OF 9

Revision: B

A3 SHEET

FILENAME:
PLOTTED BY :
TIME :
DATE :

HERITAGE ACT 1977
APPLICATION UNDER SECTION 60

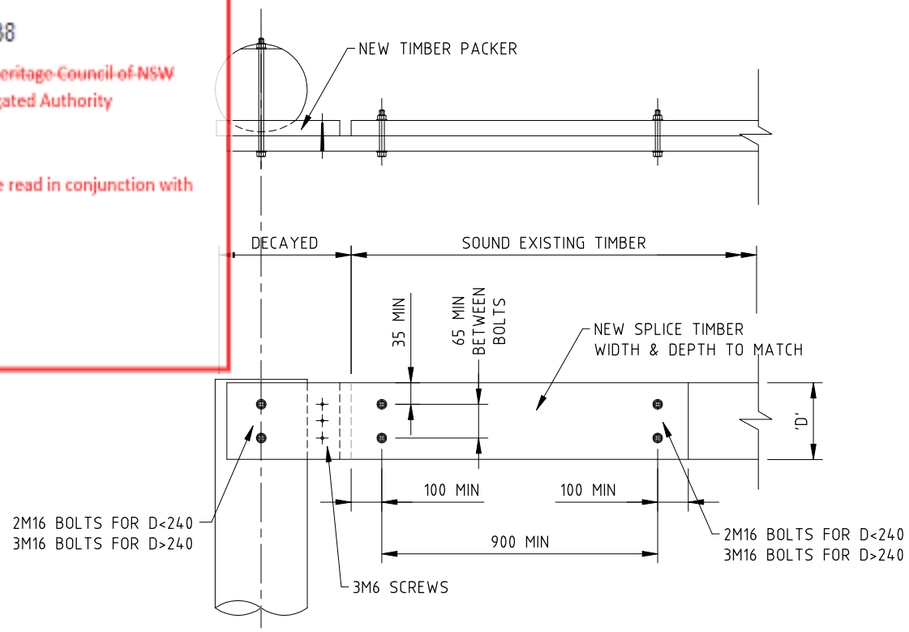
Application No: 1638

Approved by ~~the Heritage Council of NSW~~
Delegated Authority

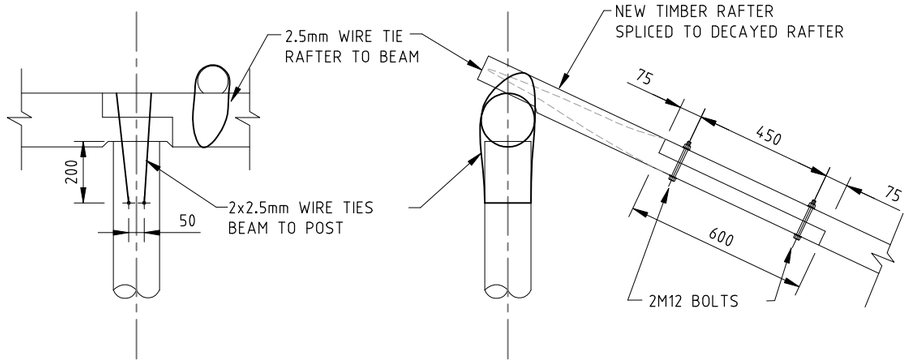
On: 17/11/2022

These plans should be read in conjunction with the decision notice

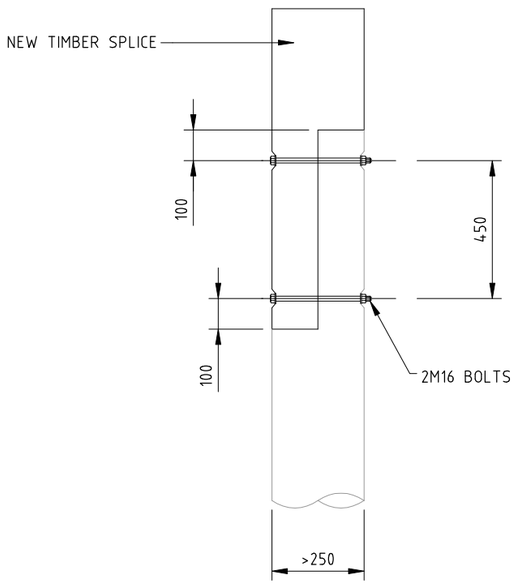
(for) Delegate
Heritage Council

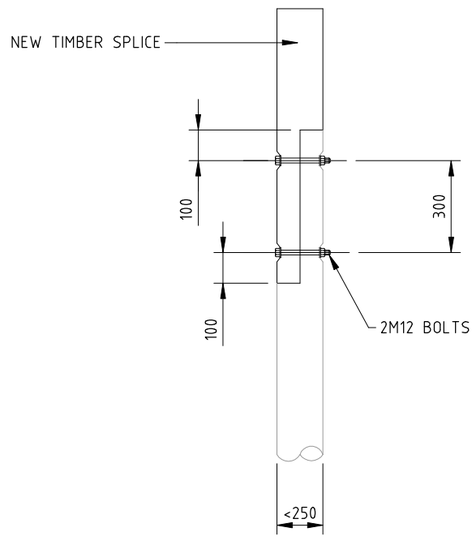


TYPICAL BEAM TO POST CONNECTION DETAIL
SCALE 1:20

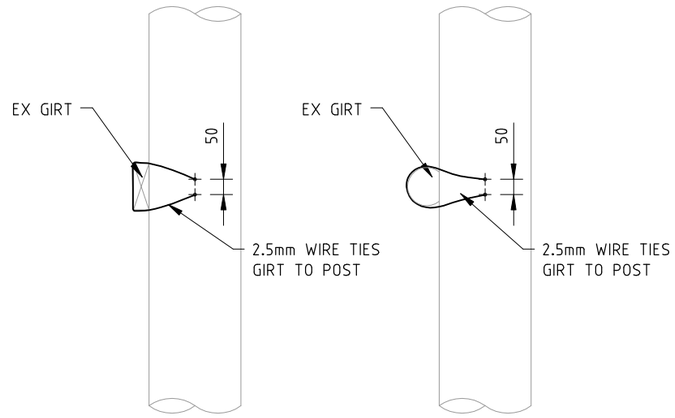


TYPICAL RAFTER TO BEAM CONNECTION DETAIL
SCALE 1:20





TYPICAL POST EXTENSION DETAILS
SCALE 1:20



TYPICAL GIRT TO POST DETAILS
SCALE 1:20

NOTES:

1. ALL WIRE TIES TO BE Ø2.5mmØ2.5mm GALVANISED, TENSIONED AND TIED OFF
2. ALL SCREWS AND BOLTS TO BE GALVANISED
3. PSR DENOTES "POLESAVER ROD" OR APPROVED EQUIVALENT, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
4. STABILISE DGB20 USING 4% GP CEMENT

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

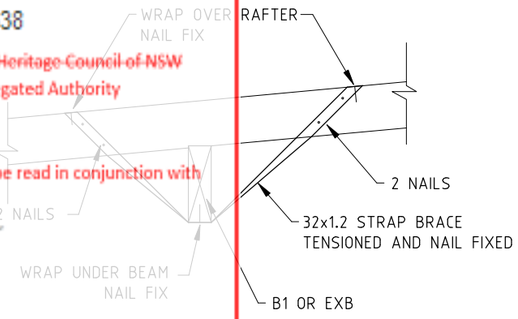
North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.au

Project: HADLEY PARK - STAGE 1 113 CASTLEREAGH ROAD CASTLEREAGH	Drawing Title: TIMBER REMEDIAL WORKS SECTIONS AND DETAILS SHEET 1
Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT	Scales: 1:100; 1:20 / Date: JUNE 2022
Architect / Project Manager: JPA&D	Drawing No.: 1842- S108 / 8 OF 9 / Revision: B

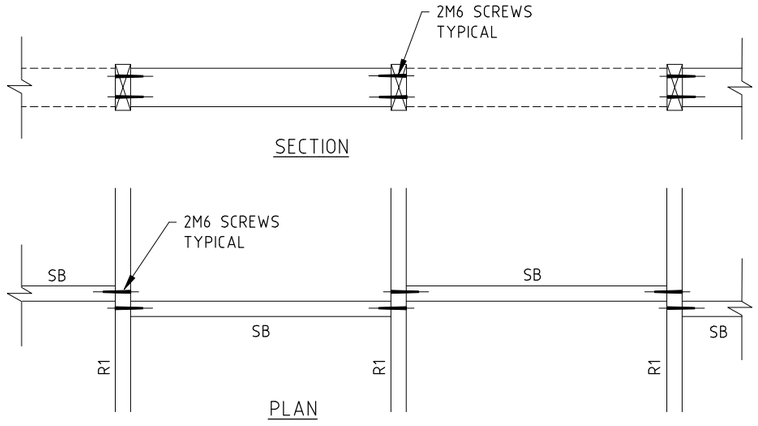
A3 SHEET
150mm 100mm 50mm 0
FILENAME:
PLOTTED BY :
TIME :
DATE :



BEAM FLYBRACE (FB) DETAIL

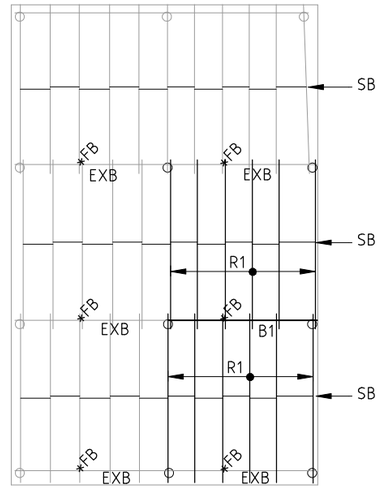
SCALE 1:20

ALL NAILS Ø3.15x32 GALV



RAFTER SOLID BLOCKING DETAIL

SCALE 1:20



HAY SHED ROOF PLAN

SCALE 1:200

SCHEDULE:

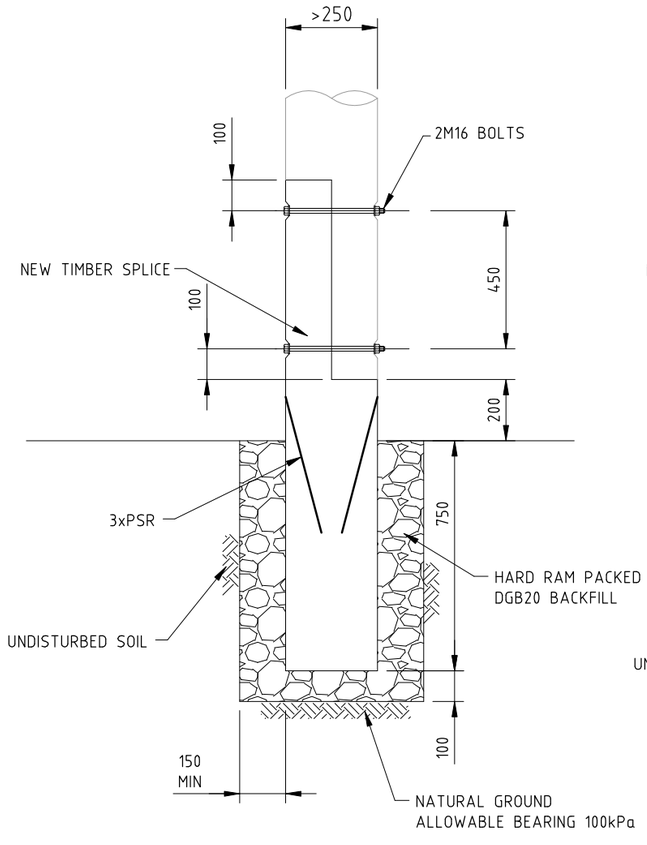
EXB- EXISTING ROOF BEAM
B1- 250x75 F14 [ROOF BEAM]
R1- 150x50 F14 AT 900 CENTRES (TO MATCH) [RAFTERS]
SB- 125x50 F11 [SOLID BLOCKING]
FB- 32x1.2 PRYDA STRAP BRACE, TENSIONED [FLY BRACING]

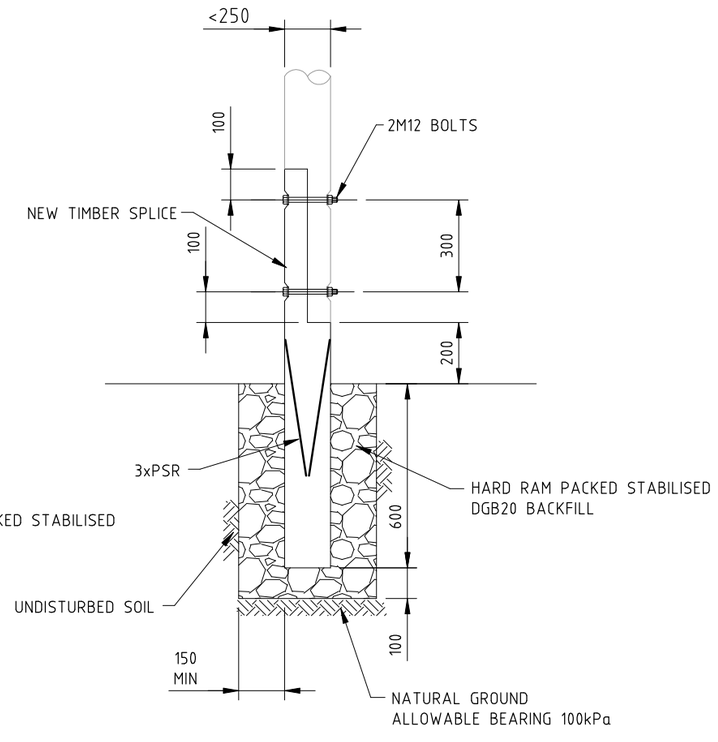
REPLACE BADLY DAMAGED RAFTERS AND ROOF BEAMS WITH R1 AND B1, AS DIRECTED BY THE SUPERINTENDENT

BATTENS- 50x75 (OR TO MATCH), SCREW FIXED TO THE RAFTERS AS PER AS1684

SKEW SCREW RAFTERS TO BEAMS AND WORE TIE, AS DETAILED
BOLT ROOF BEAMS TO POSTS AS DETAILED

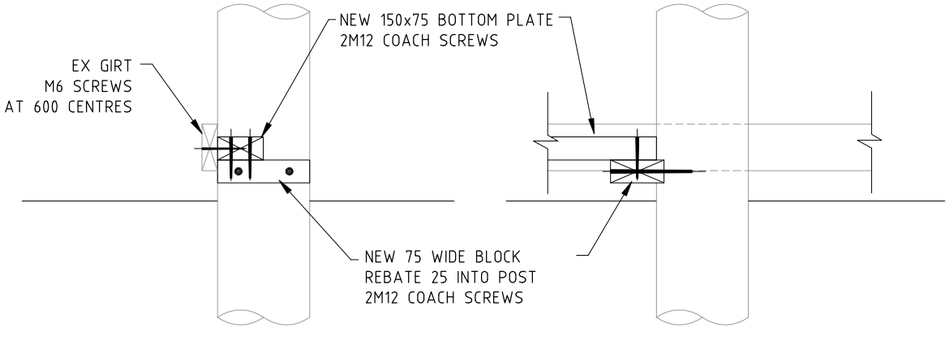
ALL EXISTING BATTENS, RAFTERS, BEAMS AND POSTS TO BE INSPECTED AND APPROVED FOR RE-USE BY THE ENGINEER





TYPICAL POST BASE SPLICE DETAILS

SCALE 1:20



TYPICAL BOTTOM PLATE DETAILS

SCALE 1:20

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by
B	RE-FORMATTED TO A3	04.08.22	PGN	MdC
A	PRELIMINARY ISSUE	01.02.22	PGN	MdC

North

ducros design
Structural & Civil Consulting Engineers
ABN 52 121 404 386

ducros design pty ltd
26 TELEGRAPH ROAD
PYMBLE NSW 2073
T (02) 9488 7374
E mark@ducrosdesign.com.au

Project: HADLEY PARK - STAGE 1
113 CASTLEREAGH ROAD
CASTLEREAGH

Client: DEPT PLANNING, INDUSTRY & ENVIRONMENT

Architect / Project Manager: JPA&D

Drawing Title: TIMBER REMEDIAL WORKS SECTIONS AND DETAILS SHEET 2

Scales: 1:200; 1:20

Date: JUNE 2022

Drawing No.: 1842- S109

9 OF 9

Revision: B

A3 SHEET

FILENAME:
PLOTTED BY :
TIME :
DATE :