

1 GROUND FLOOR PLAN - EXISTING
1:100

EXISTING



no.	revision	date

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ARCHITECT
Architecture Matters Pty Ltd
Suite 4, Level One,
508 Queensberry Street
North Melbourne, VIC, 3051
T (03) 9329 7063
F (03) 9329 7919

www.architecturematters.com.au



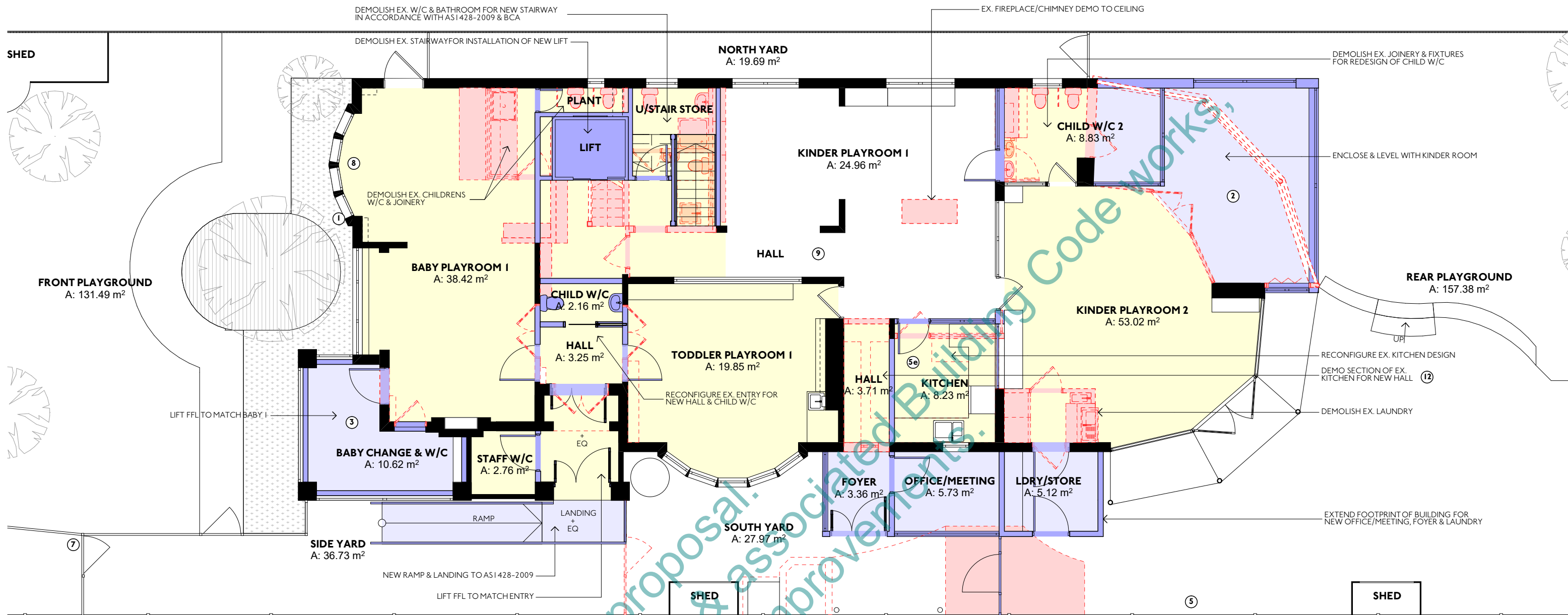
CLIENT DETAILS
CITY OF PORT PHILLIP
ADDRESS
99A CARLISLE STREET,
ST KILDA, 3182



PROJECT
CITY OF PORT PHILLIP
CONDITION AUDITS
46 TENNYSON STREET,
ELWOOD 3184
PROJECT NUMBER
1614

DRAWING
GROUND FLOOR PLAN
- EXISTING
Scale: AS SHOWN @ A3
Date: 16/06/2016

FS02.0



- DEMOLITION
- NEW WORKS
- RESTUMPING (EXTENT TBC)
- REMODELLED EXISTING

- EXISTING
- NEW WALL
- NEW SLAB

- | No. | REPAIR DETAIL |
|-----|---|
| 1. | Repair & replace missing/damaged shingles to front facade of building |
| 2. | Repair roof over verandah to rear of Kinder Playroom 2 |
| 3. | Replace wallpaper/repaint ceiling to first floor storeroom |
| 4. | Repair minor damage & holes to building |
| 5. | Replace external fencing panels to boundary fences |
| 6. | Replace panels to exterior windows where gaps/rotting have occurred |
| 7. | Reposition/replace front entrance gate button to more accessible location |
| 8. | Replace flyscreen to external front windows |
| 9. | Repair water damage to ceiling & walls to centre of building & repaint where required |
| 10. | Repair & repaint cracked walls throughout building |
| 11. | Repair jamming window frames where required |
| 12. | Level area with full turf coverage to rear verandah to fix uneven surfaces |
| 13. | Investigate & repair damp issues to existing building subfloor & rectify the issue as necessary |

- | No. | UPGRADE DETAIL |
|-----|---|
| 1a. | Programmed repaint of walls |
| 2b. | Programmed inspection of subfloor to inspect possible damp issues |
| 3c. | Programmed repaint of windows |
| 4d. | Upgrade signage to front of building |
| 5e. | Install low-height section in kitchen for wheelchair use |

1 GROUND FLOOR PLAN - DESIRED
1:100

DESIRED



no.	revision	date

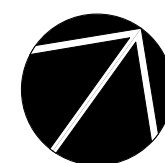
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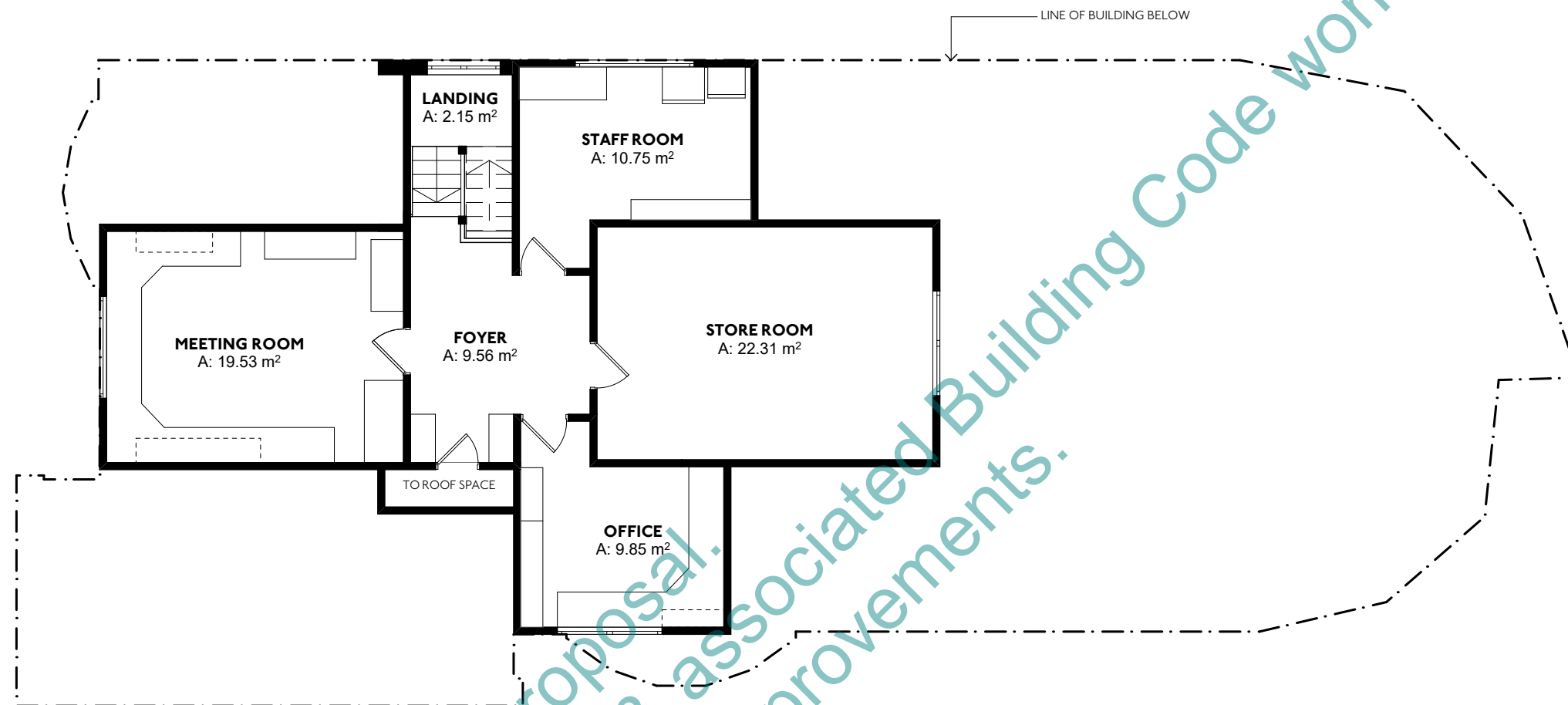
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FS02.1B



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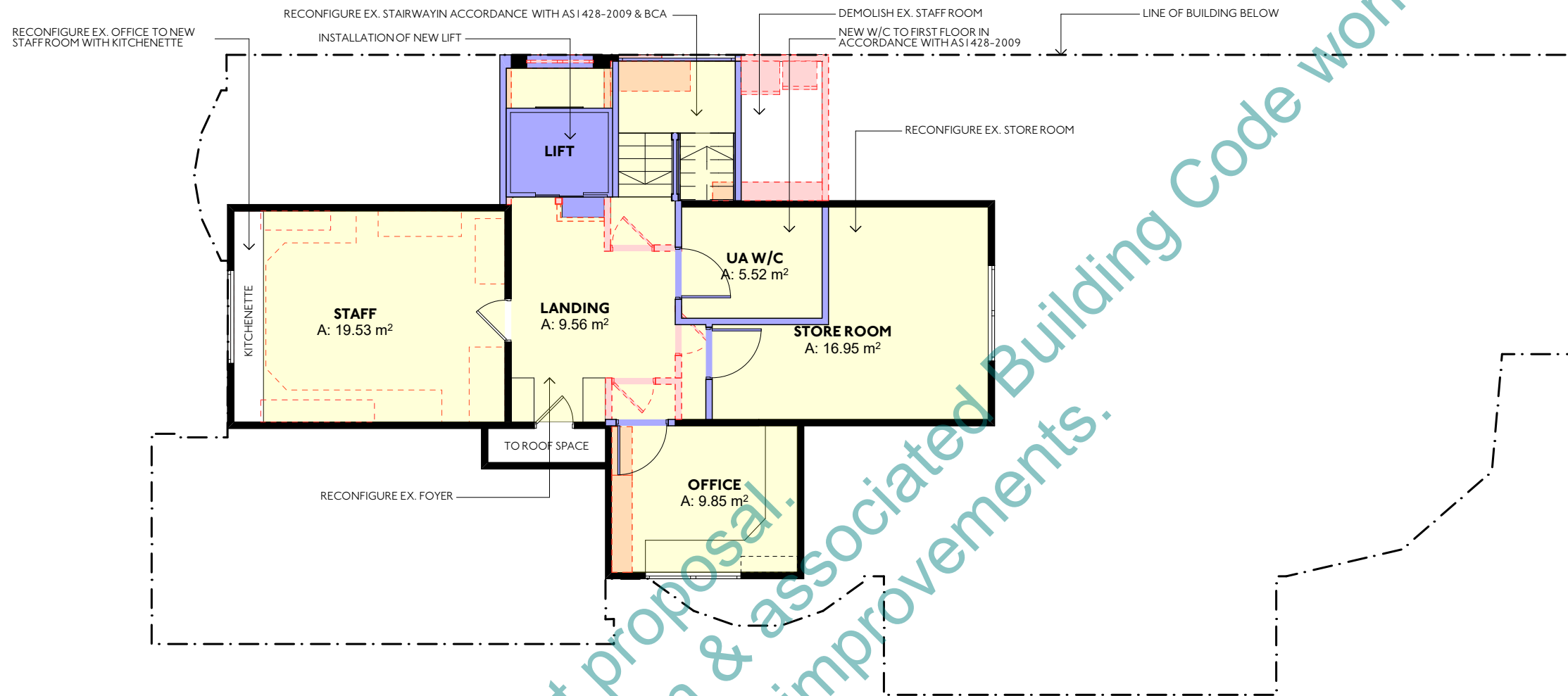


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FS02.2



DEMOLITION

EXISTING

NEW WORKS

NEW WALL

RESTUMPING (EXTENT TBC)NEW SLABREMODELLED EXISTING

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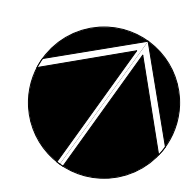
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FS02.3B

3.00 TENNYSON STRET- ELWOOD CHILDCARE CENTRE

3.01 Electrical Services

3.01.01 Power

The general switchboard, power and lighting reticulation is in average condition. The switchboard is required to be upgraded to comply with current AS3000 regulations for RCD protection.

For the installation of the proposed lift, the existing MSB would need to be replaced with a potential electrical supply upgrade.

Existing wiring to be modified to suit proposed modifications.

3.01.02 Lighting

Typically, the lighting throughout the facility is average to poor condition.

The scope of works proposed to replace lighting to modified/new areas including;

- Kitchen
- Hall/Foyer
- Office/Meeting
- WC areas
- Playroom 2 Extension area
- New Baby Change & WC's

3.01.03 Emergency Lighting

Currently there is no emergency lighting test switch. With the proposed MSB upgrade, an emergency lighting test switch is proposed to be provided. Existing fittings where currently compliant shall be retained, new emergency lighting to be provided where required.

3.01.04 Communication Systems

Communications systems are proposed to be retained and modified where required to suit new proposed layout.

3.02 Hydraulic Services

3.02.01 Cold Water Supply

The cold water supply and reticulation is proposed to be retained, modified and extended to suit new laundry, new WC locations and extension, baby change.

3.02.02 Sewer Service

The existing sewer is proposed to be modified and extended to suit the proposed WC's, baby change area and new laundry space.

3.02.03 Domestic Hot Water System

The existing gas fired hot water system is proposed to be maintained with pipework modified to serve all required fixtures including new fixtures.

3.02.04 Rainwater Service

The existing rainwater system is proposed to be retained.

3.03 Mechanical Services

3.03.01 Cooling & Heating Systems

The facility is served by numerous split systems of varying age and condition. Where possible the existing A/C units and condenser units are proposed to be retained to serve the existing areas.

The new office/meeting room is proposed to be provided with a new split system.

3.03.02 Ventilation

The building is proposed to be retained as a naturally ventilated building throughout. The existing rangehood is proposed to be relocate to suit the new kitchen layout.

The new WC areas at ground and first floor, laundry and baby change areas are proposed to be provided with extract ventilation.

3 46 Tennyson st, Elwood

3.1 General

The building at 46 Tennyson st, Elwood is a double storey building, with solid brick walls, a mixture of single brick and lightweight internal ground floor walls, lightweight first floor walls and tiled roof. This building also has a previous single storey extension to the back of the building, with lightweight roof & walls, and slab on ground.

3.2 Previous investigations

Previous report and investigations have been undertaken by Wood & Grieve Engineers in October 2013. The report provided noted that the building is in generally good condition. The main concern was rising damp in some areas of the building, as well as inadequate connections of the pergola (which has been enclosed to form an internal room) to the existing building.

3.3 Geotechnical reports

A geotechnical investigation was undertaken as part of the additional investigations at the site by Civil Test Pty Ltd on 28th May 2016, and a copy of their report is attached in Appendix A.

The site has been classified as Class M in accordance with AS2780. The existing strip footing exposed varied from 350-500 deep and is founded in silty clay/silty sand. To satisfy the current standard, for articulated full masonry in Class M sites, the footing should be 600 deep. Therefore the existing footings are not in accordance with the current standard.

3.4 Observations

The building at 46 Tennyson st, Elwood is in generally good condition. While the footings are not in accordance with current standards, the masonry is in good condition with only minor cracking.

Additional investigation was undertaken, and the timber floor throughout the hall area needs to be re-stumped and sub-floor ventilation added, as shown on the structural sketches

provided. The issues with rising damp are likely due to a lack of subfloor ventilation in addition to low clearance between the existing floor joists and the natural ground. The floor in the hall section of the building is to be re-stumped, and subfloor vents are to be provided along the northern side of the building.

Another area of concern is a section of the roof from a previous extension, which appears to have been originally only a pergola type structure, to which cladding was later added. This area of the extension is to be removed and replaced with new slab, short retaining wall, lightweight walls and roof in accordance with the sketches provided. Other aesthetic and functional changes proposed by the architect are also documented on sketches S007 through S013.

a development proposal.
indicative remediation & associated Building Code work
with (limited) functional improvements.

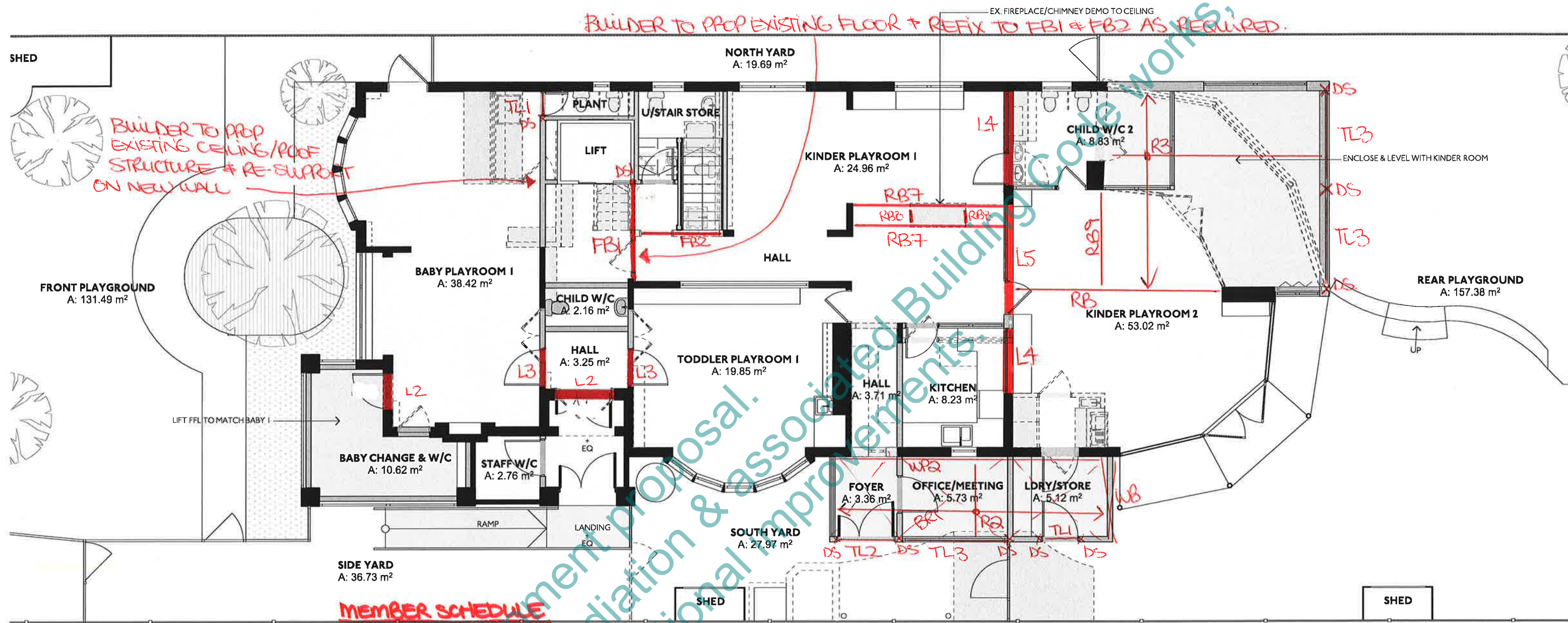
Rev 3-10/6/16-PRELIMINARY PRICING ISSUE



SPI - 25kN SWL SCREW PILE, HOT DIPPED GALVANISED.
FOUNDED MIN 2500mm BELOW GROUND LEVEL AND 1000mm INTO NATURAL SOIL, WHICHEVER IS DEEPER

FS02.1 B

Rev 1 - 3/6/16 - PRELIMINARY ISSUE
 Rev 2 - 10/6/16 - PRELIMINARY PRICING ISSUE

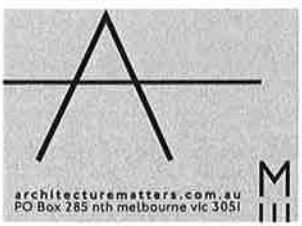


MEMBER SCHEDULE

RB7 - 200 PFC, WALL CONNECTION LEFT END, TYPE 2 CONNECTION RIGHT END
 RB8 - 200 PFC, TYPE 2 CONNECTION EACH END
 L2 - 150UB14+10PL, 200 MIN END BEARING I
 L4 - 150UB14+10PL, 200 MIN END BEARING I
 L5 - 120UB18+10PL, 200 MIN END BEARING I
 R2 - 130x42 LVL5, AT 600 CTS
 WP2 - 130x42 LVL5, MR CHMSSET TO BLOCKWALL AT 600 CTS
 TL1 - 90x45 MGP10
 TL2 - 130x42 LVL5
 TL3 - 150x42 LVL5
 WB - WALL STRAP BRACE, REFER DETAIL ON S013

DS - 2/90x45 MGP10
 L3 - 150PFC, MINIMUM 200 END BEARING
 FBI - 2/300x42 LVL5, NAIL LAMINATED
 DS1 - 2/90x45 F17 KDHW
 FB2 - 2/200x42 LVL5, NAIL LAMINATED.
 R3 - 240x42 LVL5 AT 600 CTS,
 RB9 - 240x42 LVL5
 RB9A - 2/240x42 LVL5, NAIL LAMINATED.

160214-S011
 LOWER ROOF &
 1 FIRST FLOOR PLAN - DESIRED
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no.	revision

Adams Consulting Engineers Pty Ltd
 ACN 117603 531 ABN 73058 284 491
 Level 10, 620 Bourke Street, Melbourne Victoria 3000
 Phone: +61 3 8600 9700 Fax: +61 3 8600 9777

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 Architecture Matters Pty Ltd
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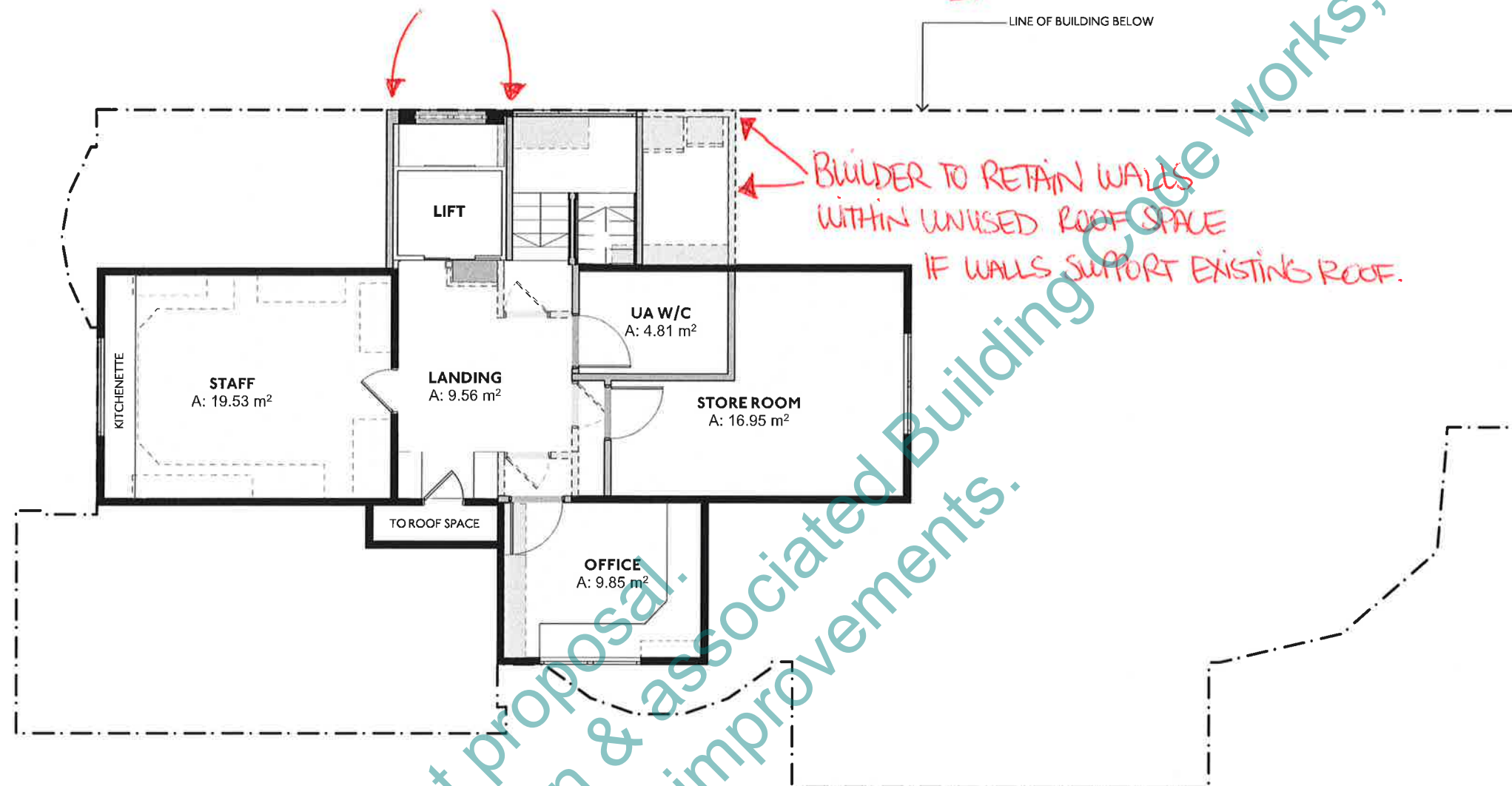
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 FS02.1B

Rev 2-10/6/16 - PRELIMINARY PRICING ISSUE

BUILDER TO PROP EXISTING ROOF STRUCTURE
AND RE FIX TO NEW WALLS AS REQUIRED.

— LINE OF BUILDING BELOW

- BUILDER TO RETAIN WALLS WITHIN UNUSED ROOF SPACE IF WALLS SUPPORT EXISTING ROOF



DEMOLITION

EXISTING

NEW WORKS

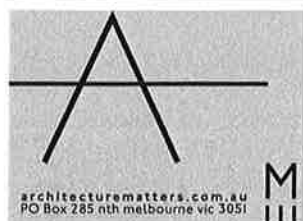
NEW WALL

RESTUMPING (EXTENT TBC)

☐ NEW SLAB

 REMODELLED EXISTING

1 ROOF PLAN - DESIRED
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[illegible]

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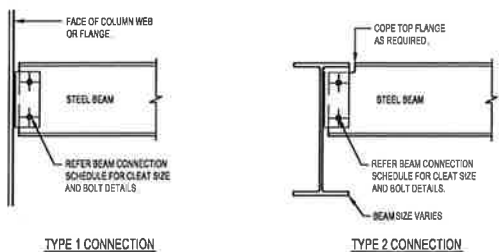
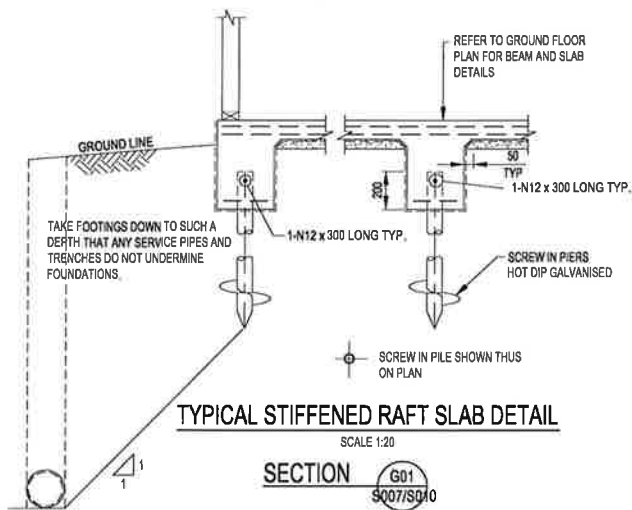
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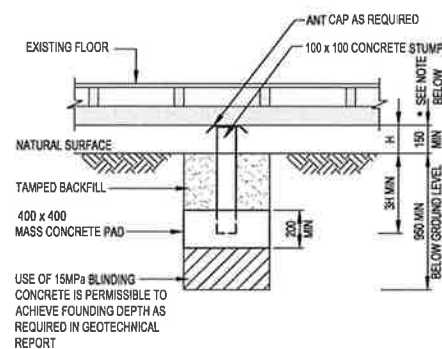
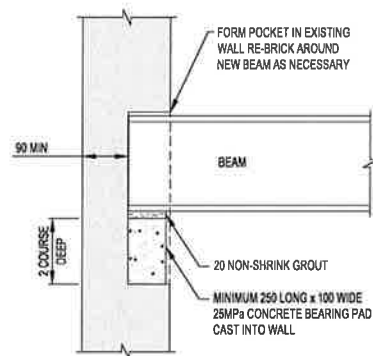
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Date: **30/05/2016**

FS02.3B



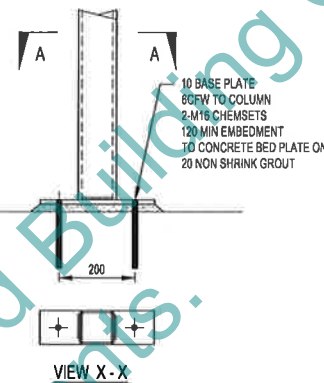
BEAM SIZE	CLEAT PLATE	BOLTS
150, 180, 200, 230 PFC	10mm	2-M20 8.8S
200 UB & UC	10mm	2-M20 8.8S
250 UB & UC	10mm	2-M20 8.8S
250 PFC	10mm	2-M20 8.8S
310 UB & UC	10mm	2-M20 8.8S
300 PFC	10mm	2-M20 8.8S
300 UB	12mm	3-M20 8.8S
300 PFC	12mm	3-M20 8.8S
410 UB	12mm	4-M20 8.8S
480 UB	12mm	5-M20 8.8S
530 UB	12mm	5-M20 8.8S
610 UB	12mm	7-M20 8.8S
750 WB	15mm	8-M24 8.8S
800 WB	15mm	9-M24 8.8S

NOTE:
FOR BEAM CONNECTION TO FACE OF RIBS COLUMNS PROVIDE CLEAT AS TEE SECTION WELDED DOWN EACH SIDE OF RIBS

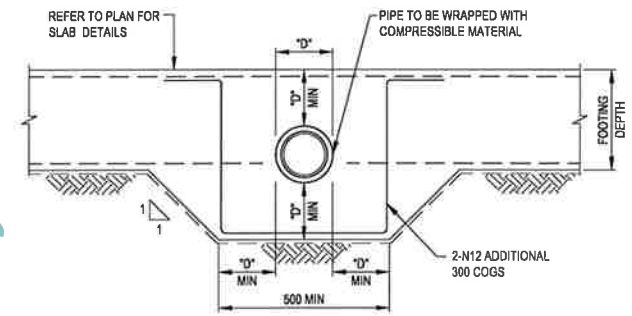


TYPICAL STUMP AND PAD DETAIL

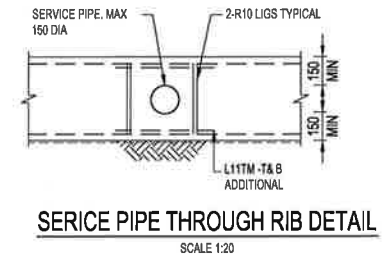
NOTE:
FOR STUMPS LONGER THAN 1500mm SUBSTITUTE WITH 75 x 75 x 3.0 SHS GALVANISED STEEL AND USE SUBFLOOR BRACING AT BUILDING CORNERS AND WITH 70 x 35 TIMBER BRACING INSTALLED IN ACCORDANCE WITH AS1684 CL 8.3.1.2



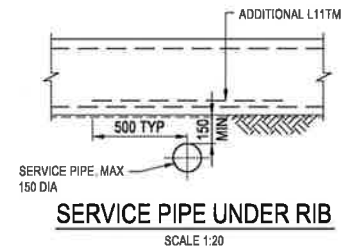
TYPICAL SHS COLUMN BASEPLATE DETAIL



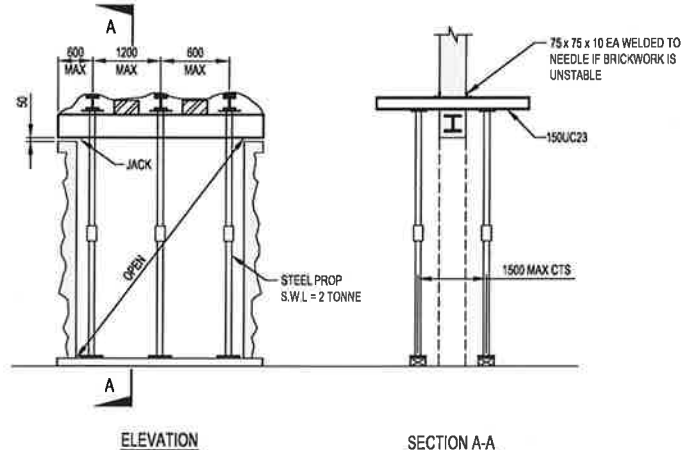
TYPICAL DETAIL AT STRIP FOOTING OR SLAB RIB PENETRATION (FOR "D" < 200 mm)



SERICE PIPE THROUGH RIB DETAIL

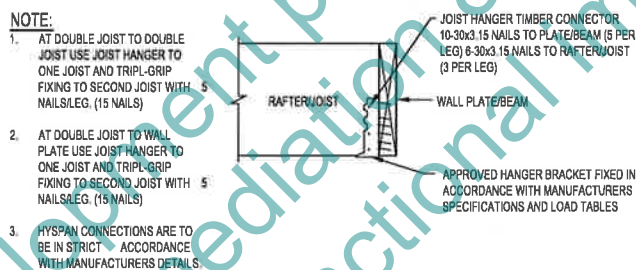


SERVICE PIPE UNDER RIB

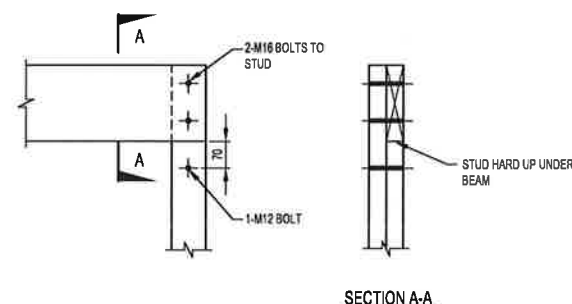


PROCEDURE FOR INSTALLATION OF STEEL LINTELS INTO EXISTING MASONRY WALLS

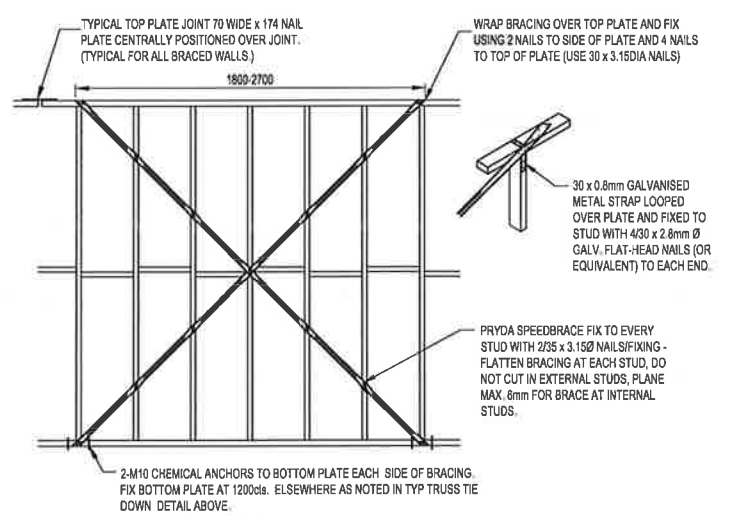
1. MARK FUTURE OPENING OUT AND INSTALL NEEDLES AND PROPS USING SIZES SPECIFIED ABOVE.
2. WEDGE NEEDLES TO WALL TO ENSURE STABILITY AGAINST TWISTING AND SIDE MOVEMENT.
3. PROVIDE SPREADERS UNDER PROPS AND TIGHTEN PROPS SO THAT STEEL NEEDLES ARE FULLY LOADED.
4. SAWCUT AND BREAK OUT WALL.
5. INSTALL NEW STEEL LINTEL AND BRICK DOWN ONTO TOP OF LINTEL BETWEEN NEEDLES.
6. LINTEL TO BE INSTALLED SO THAT IT CAN BE RAISED TO LEVEL AND TO ALLOW FOR ITS DEFLECTION.



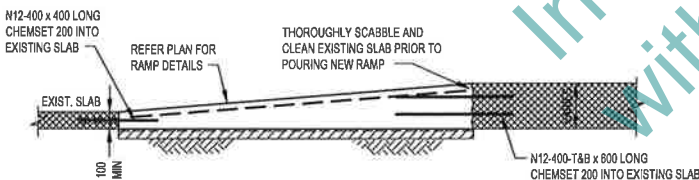
TYPICAL TIMBER TO TIMBER CONNECTION



TYPICAL TIMBER BEAM TO DOUBLE STUD



TYPICAL WALL BRACING DETAIL (DENOTED WB ON PLAN)



TYPICAL NEW RAMP TO EXISTING SLAB DETAIL

Issue	Description	Date
2	PRELIMINARY PRICING ISSUE	10/6/16
1	PRELIMINARY	3/6/16

Adams
DESIGNING THE FUTURE

Level 10, 620 Bourke Street
Melbourne, Victoria 3000
t 03 8600 9700 f 03 8600 9777
e projects@adamseng.com.au
ACN 117 803 531

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TITLE: 46 TENNYSON ST, ELWOOD DETAILS SHEET	
Designed Project Leader	Drawn Sheet Size A3
Project Director	Certified
Notes 18/04/2016	by Erin

PROJECT NUMBER: 160214	REVISION: 2
DRAWING NUMBER: S013	