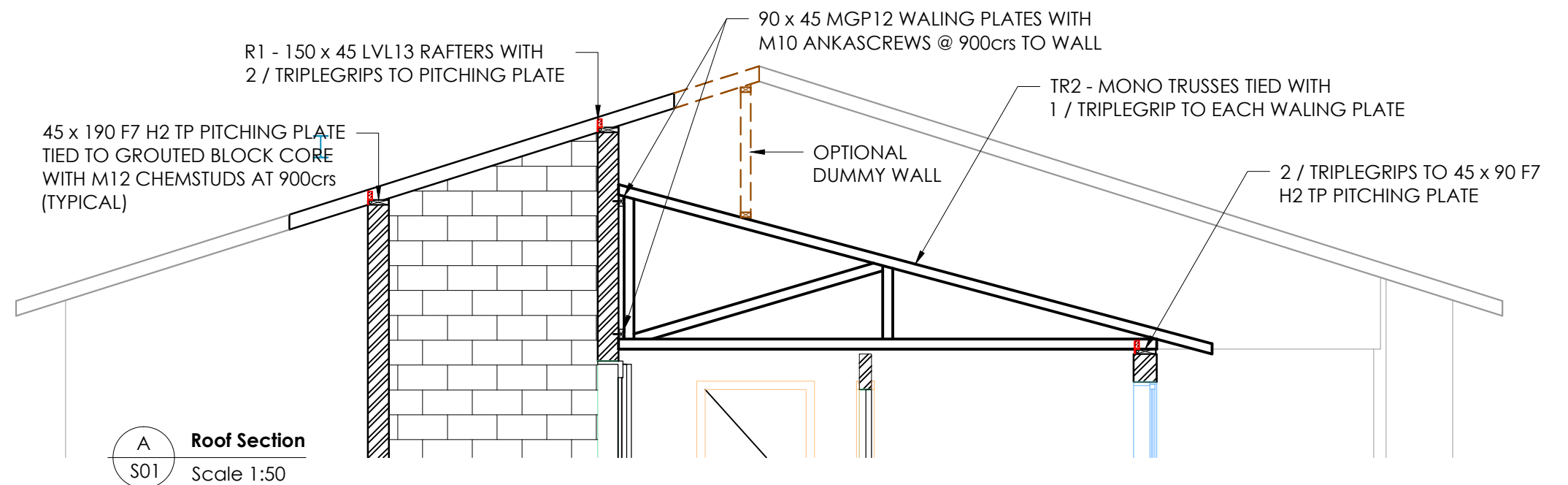


ROOF FRAMING MEMBERS:

- R1 - 150 x 45 LVL13 @ 600 crs
Tie to 45 x 190 F7 H2 TP pitching plate with 2 / triplegrips, 4 / 30 x 2.8 gal. FH nails each member.
- R2 - 130 x 35 LVL13
Tie over each support wall plate with 1 / triplegrip, 4 / 30 x 2.8 gal. FH nails each member.
Fix to every second stud of external and parapet wall with 75mm batten screw.
- R3 - 90 x 45 MGP12 @ 600 crs
Tie to external wall ribbon plate with 1 / triplegrip, 4 / 30 x 2.8 gal. FH nails each member.
Provide 2 / minigrips to face of FJ2 Floor Joist.
- TR1 - CANTILEVERED TRUSSES @ 600 crs, Gable Truss at external wall for outriggers eave construction.
Deep Heel to suit Architecturally set heights.
Tie over wall plates with Concealed Purlin Cleat.
- TR2 - MONO TRUSS @ 600 crs
Provide 90 x 45 MGP12 waling plates with M10 AnkaScrews @ 900crs to lift shaft masonry wall.
Tie to each Waling PLate with 1 / triplegrip.
Tie to 45 x 190 F7 H2 TP pitching plate with 2 / triplegrips, 4 / 30 x 2.8 gal. FH nails each member.
- TR3 - COMMON TRUSSES @ 600 crs
Scotch Valley Trusses over existing roof frame.
Tie to 45 x 190 F7 H2 TP pitching plate with 2 / triplegrips, 4 / 30 x 2.8 gal. FH nails each member.



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Tarek El-Ansary
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Signed: _____ Date: __/__/202__

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Client: R.A.N SKI CLUB Ph. _____

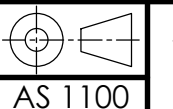
Draftsman: Stephen JB Nelson
Contact: 0414 953 216

Checked: TEA DATE: __/__/__

Drawing Title:
ROOF FRAMING PLAN

Drawing Number: S01 Revision: A

Sheet 2 of _



AS 1100

SCALE: 1 : ____

SIZE:
A3

BRACING & TIE-DOWN SCHEDULE



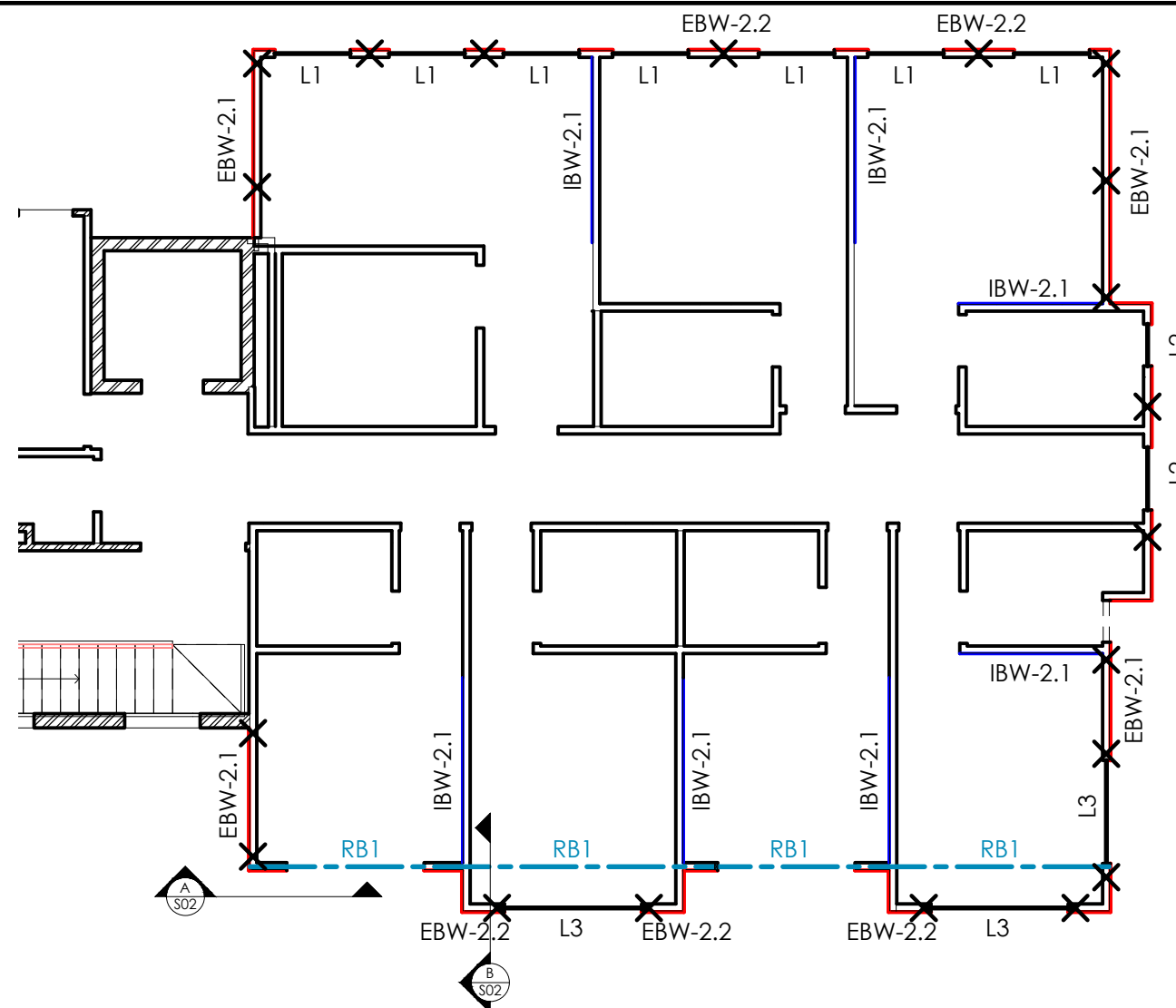
DENOTES M12 THREADED ROD RUN CONTINUOUS THROUGH FRAME TO TOP PLATE. FIX WITH 30MM WASHER AND M12 NUT TOP AND BOTTOM.

IBW-2.1 TENSIONED METAL STRAP WITH STUD TIES - Double leg stud ties top and bottom at stud closest to diagonal strap plate anchorage. Strap fixed to studs with one 30 x 2.8 gal FH nail and to plates with 3/30 x 2.8 gal FH nails.

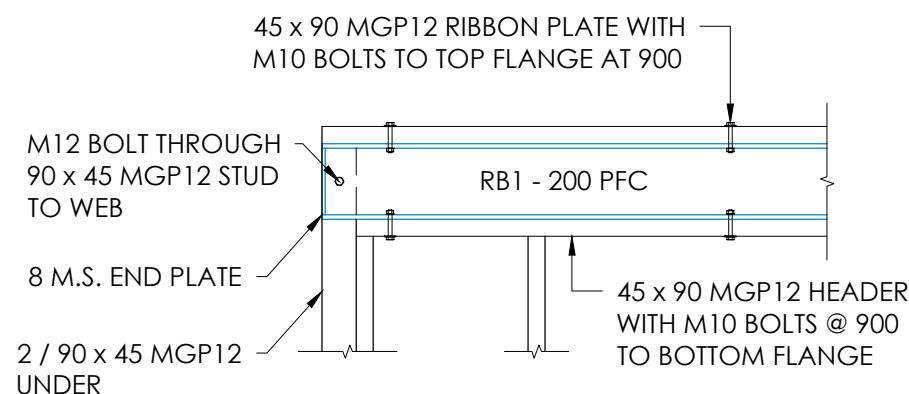
EBW-2.1 TYPE 'B' PLYWOOD BRACING - Fixed to frame with 30 x 2.8 gal FH nails at 50 crs plates and vertical edges and 100 crs intermediate studs.

EBW-2.2 TYPE 'A' PLYWOOD BRACING - Fixed to frame with 30 x 2.8 gal FH nails at 150 crs plates and vertical edges and 300 crs intermediate studs.

BRACING NOTE: IT IS RECOMMENDED THAT THE ENTIRE FACE OF EXTERNAL WALL FRAME BE CLAD WITH TYPE 'A' PLYWOOD BRACING IN ADDITION TO THOSE AREAS MARKED AS REQUIRING TYPE 'B' FIXING.



S02 L2 - FRAMING, BRACING & TIE-DOWN PLAN
Scale 1:100



A RB1 - Front Detail
S02 Scale 1:20

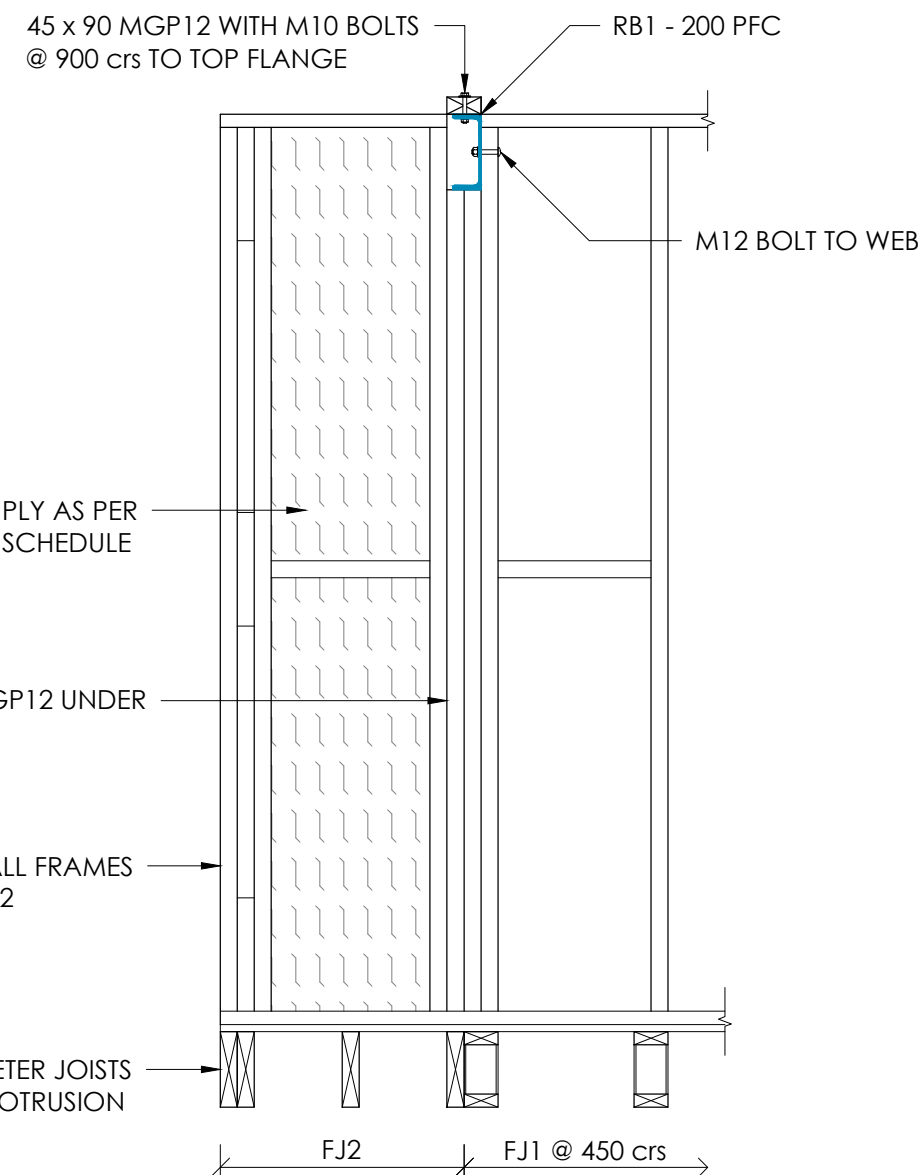
WALL FRAMING MEMBERS:

L1 - 2 / 240 x 45 LVL13 with 2 / 90 x 45 MGP12 JAMB STUDS

L2 - 90 x 45 LVL13 with 90 x 35 MGP12 JAMB STUD

L3 - 150 x 45 LVL13 with 90 x 45 MGP12 JAMB STUD

RB1 - 200 PFC with 8 M.S. End Plates and midspan stiffeners 45 x 90 MGP12 Ribbon and Head Plates with M10 bolts to top and bottom flanges respectively at 900 crs max. At perpendicular walls provide 2 / MGP12 studs under plus additional stud either side with M12 bolt to web.



B RB1 - Section
S02 Scale 1:20

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BRACING & TIE-DOWN SCHEDULE

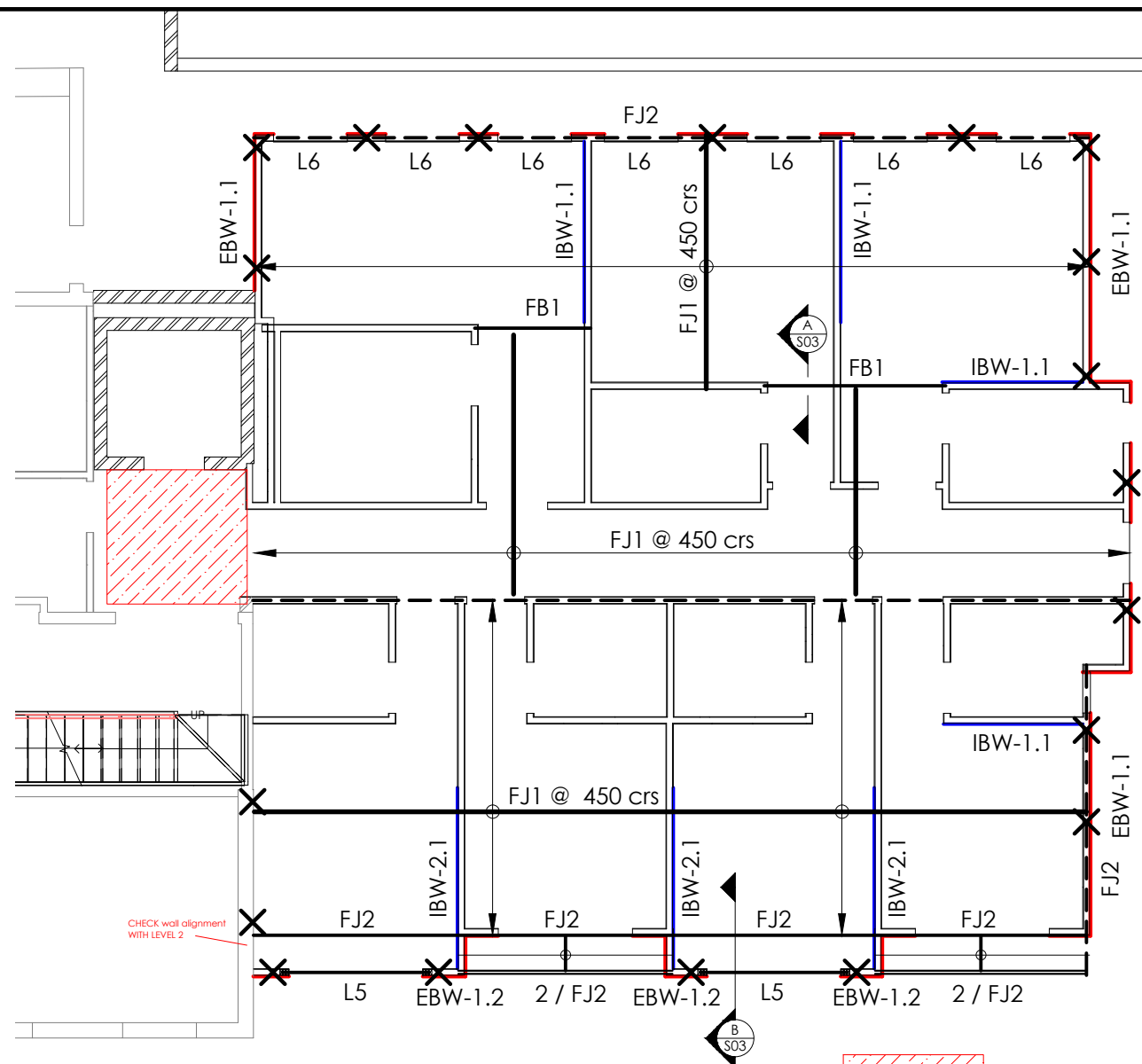
✕ DENOTES M12 THREADED ROD RUN CONTINUOUS THROUGH FRAME TO TOP PLATE. FIX WITH 30MM WASHER AND M12 NUT TOP AND BOTTOM.

IBW-1.1 TENSIONED METAL STRAP WITH STUD TIES - Double leg stud ties top and bottom at stud closest to diagonal strap plate anchorage. Strap fixed to studs with one 30 x 2.8 gal FH nail and to plates with 3/30 x 2.8 gal FH nails.

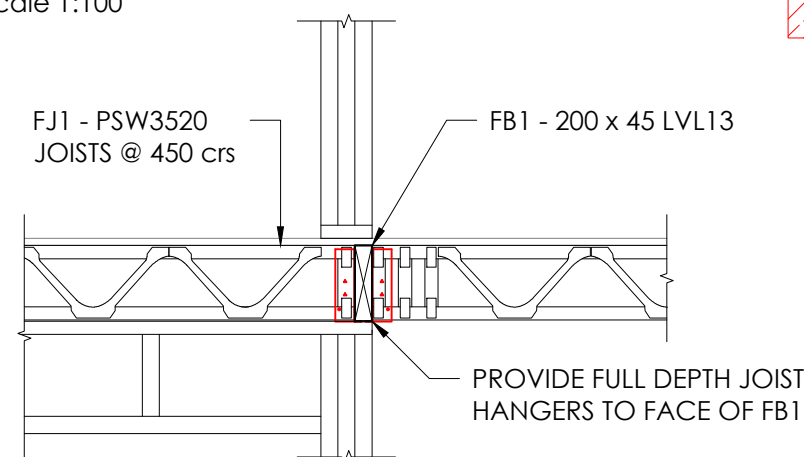
EBW-1.1 TYPE 'B' PLYWOOD BRACING - Fixed to frame with 30 x 2.8 gal FH nails at 50 crs plates and vertical edges and 100 crs intermediate studs.

EBW-1.2 TYPE 'A' PLYWOOD BRACING - Fixed to frame with 30 x 2.8 gal FH nails at 150 crs plates and vertical edges and 300 crs intermediate studs.

BRACING NOTE: IT IS RECOMMENDED THAT THE ENTIRE FACE OF EXTERNAL WALL FRAME BE CLAD WITH TYPE 'A' PLYWOOD BRACING IN ADDITION TO THOSE AREAS MARKED AS REQUIRING TYPE 'B' FIXING.



S03 L2 FLOOR FRAME & L1 WALL FRAMING PLAN
Scale 1:100

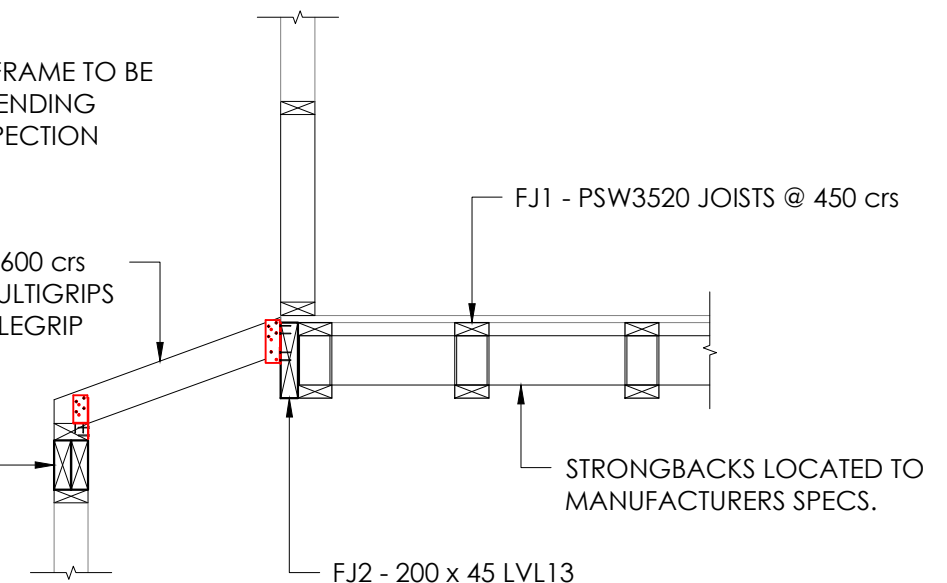


A FJ1 - Connection Detail
S03 Scale 1:20

LOBBY TIMBER FLOOR FRAME TO BE CONFIRMED ON SITE PENDING POST-DEMOLITION INSPECTION

R3 - 90 x 45 MGP12 RAFTERS @ 600 crs
FIX TO FACE OF FJ2 WITH 2 / MULTIGRIPS
AND OVER PLATE WITH 1 / TRIPLEGRIP

L5 - 2 / 130 x 45 LVL13



B AWNING OVER WALL POP-OUT
S03 Scale 1:20

FLOOR FRAMING MEMBERS:

FJ1 - Use MJ240 45 meyoJOIST
- Install in accordance with Manufacturers details
or 200 x 45 LVL13 - Provide Intermittent Blocking along lines of supports
or PSW3520 PosiStrut (35 x 90 MGP12)
- Install in accordance with Manufacturers details

FULL DEPTH JOIST HANGERS TO FACE OF FB1

FJ2 - 200 x 45 LVL13 (or 240 deep)

FJ3 - IF FLOOR SET DOWN REQUIRED AND CEILING HEIGHTS PERMIT, USE 240 DEEP FJ1'S WITH 200 DEEP FJ3 (eg MJ200 45 meyoJOIST **or** PSW3520 PosiStrut with 35 x 70 MGP12 chords)
- OTHERWISE DISREGARD FJ3 AND CONTINUE FJ1 OVER WET AREAS

FB1 - 200 x 45 LVL13 (or 240 deep)

NOTE: RUN ADDITIONAL FLOOR JOISTS DIRECTLY UNDER PARALLEL INTERNAL WALLS LONGER THAN 2.4m

L1 - 2 / 240 x 45 LVL13 with 2 / 90 x 45 MGP12 JAMB STUDS
L2 - 90 x 45 LVL13 with 90 x 35 MGP12 JAMB STUD
L3 - 150 x 45 LVL13 with 90 x 45 MGP12 JAMB STUD
L5 - 2 / 130 x 45 LVL13 with 90 x 35 MGP12 JAMB STUD
L6 - 2 / 150 x 45 LVL13 with 2 / 90 x 35 MGP12 JAMB STUDS

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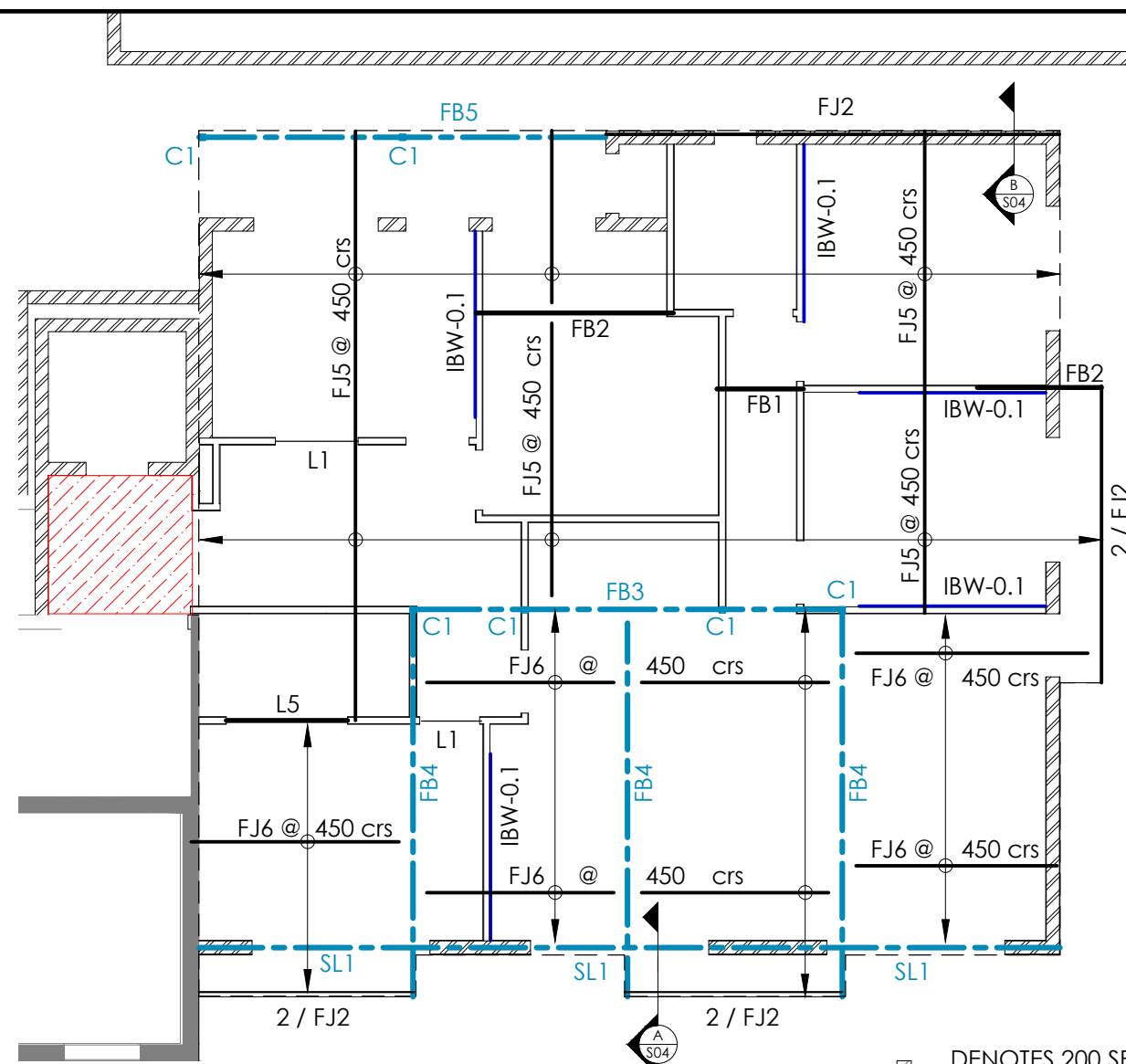
NOT FOR CONSTRUCTION

BRACING SCHEDULE

IBW-0.1 TENSIONED METAL STRAP WITH STUD TIES - Double leg stud ties top and bottom at stud closest to diagonal strap plate anchorage. Strap fixed to studs with one 30 x 2.8 gal FH nail and to plates with 3/30 x 2.8 gal FH nails.

MASONRY WALL SCHEDULE

Ground Floor Masonry walls to be reinforced 200 series blockwork to AS3700. Provide N12 vertical bars @ 400 crs and N12 horizontal bars @ 400 crs **UNO**. Corefill to be 20 MPa grout with 10mm aggregate and 180mm slump.



S04 L1 FLOOR FRAME & GROUND WALL FRAMING PLAN

Scale 1:100

DENOTES 200 SERIES
CORE FILLED
MASONRY WALLS
REINFORCED AS PER
SPECIFICATION

140 x 45 MGP12 LEDGER
WITH 1/M10 BOLT TO WEB
AT 900mm max. crs

FB4 - 200 UC 46.2

20.18 DEEP LINTEL N20 GROUT
REINFORCED WITH 2/N12 BARS
WITH L8 FITMENTS @ 200 crs

SL1 - 200 PFC LINTEL
WITH M16 STUDS FOR
BOLTED CONNECTION TO
BOTTOM FLANGE OF FB4

200 SERIES MASONRY WALL

FJ5 FLOOR JOISTS
@ 450mm crs

100 x 75 UA WITH 1 / M10
BOLT TO BOUNDARY JOIST
AND M12 THREADED ROD
TO GROUTED CORE.

200 x 45 LVL13
BOUNDARY JOIST

200 SERIES MASONRY WALL
CORE FILLED WITH N20 GROUT
N12 BARS @ 400 crs HORIZONTAL
AND 400 crs VERTICAL

LOBBY TIMBER FLOOR FRAME TO BE
CONFIRMED ON SITE PENDING
POST-DEMOLITION INSPECTION

FJ1/FJ5 - Use MJ240 45 meyJOIST @ 450 crs
- Install in accordance with Manufacturers details
or 200 x 45 LVL13 - Provide Intermittent Blocking along lines of supports
or PSW3520 PosiStrut (35 x 90 MGP12)
- Install in accordance with Manufacturers details.

FULL DEPTH JOIST HANGERS TO FACE OF FB1 & FB2

FJ2 - 200 x 45 LVL13 (or 240 deep)

FJ6 - MJ240 90 meyJOIST @ 450 crs
- Install in accordance with Manufacturers details
or 240 x 45 LVL13 @ **400** crs
- Provide Intermittent Blocking along lines of supports
or PSW3520 PosiStrut (35 x 90 MGP12) @ 450 crs
- Install in accordance with Manufacturers details

FB1 - 200 x 45 LVL13 (or 240 deep)

FB2 - 2 / 200 x 45 LVL13 Laminated as per detail ____
or 240 x 63 LVL13

FB3 - 200 UC 46.2
- Fix over C1 column caps with 2 / M16 8.8/s bolts
- provide 140 x 45 MGP12 Ledger with M10 bolts @ 900 crs to web for FJ5 connection.
- 100 x 10 MS Fin Plate 8 CFW both sides to web for FB4 connection.

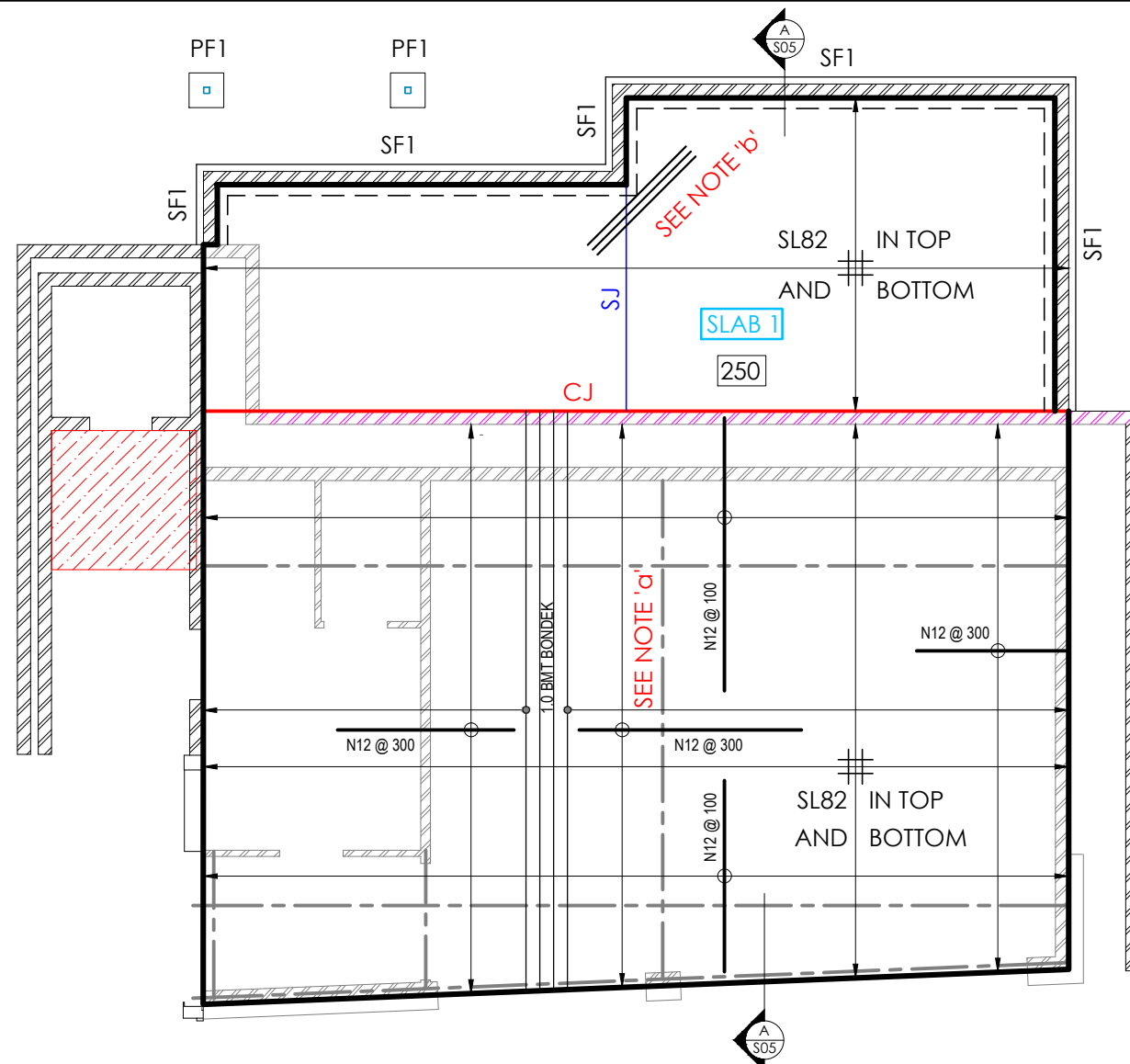
FB4 - 200 UC 46.2
- 2 / M20 8.8/s bolts through web to FB3 fin plates
- 18mm holes in bottom flange for fixing to M16 studs over SL1
- Provide 140 x 45 MGP12 Ledger with M10 bolts @ 900 crs each side of web for FJ6 connection.

FB5 - 200 PFC
- 2 / M16 8.8 bolts through bottom flange to column caps
- 8 MS End Plates and full depth stiffener over centre column
- provide 140 x 45 MGP12 Ledger with M10 bolts @ 900 crs to web for FJ5 connection.

SL1 - 200 PFC
- 2 / M16 8.8 Studs in top flange for FB4 connection.
- Full depth 8 MS stiffener 6 CFW each side under FB4.

A SL1 / Masonry Lintel
S04 Scale 1:20

B FJ5 Connection
S04 Scale 1:20



SLAB 1 32 MPa Concrete 250mm thick with 120mm maximum slump

- N12 Bars @ 100mm in top over East/West supports
- N12 Bars @ 300mm in top over North/South supports
- SL82 Mesh in Top & Bottom
- Tie suspended slab section to top of retaining wall with N12 bars @ 200 centres copped 500mm into wall.

SJ - 25mm deep sawn control joint cut over internal beams within 24 hours of concrete placement.

- Every second bar in top layer of mesh to be cut prior to pouring concrete.

CJ - Connolly Control Joint (or similar keyed system)

- Provide R16 x 600mm sleeved dowels @ 300 centres

SF1 Strip Footing 25 MPa Concrete with 120mm maximum slump

- 450mm Wide by 400mm Deep
- 500mm Founding Depth
- 4-L11 TM top and bottom
- N12 Starter bars @ 400 crs

PF1 Pad Footings 25 MPa Concrete with 120mm maximum slump

- 500 x 500 x 300mm Deep
- 500mm Founding Depth

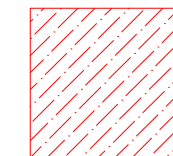
a. DO WE WANT A CONTROL JOINT OVER SB2?
IF SO DO WE STILL WANT THE NEG. REO?

b. REENTRANT REO WITH SAW JOINT??
IF SO AT 45° OR 90°?

DESIGN CHECKED AND CERTIFIED BY
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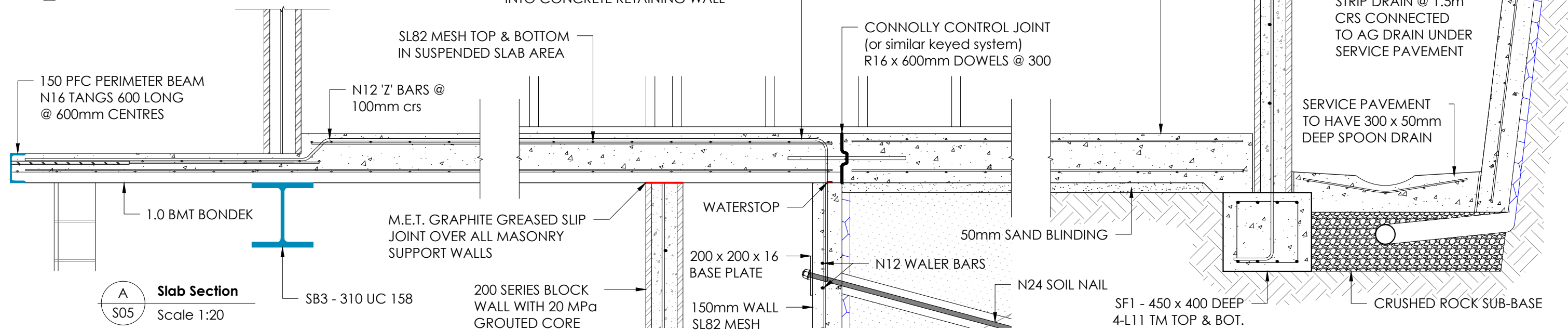
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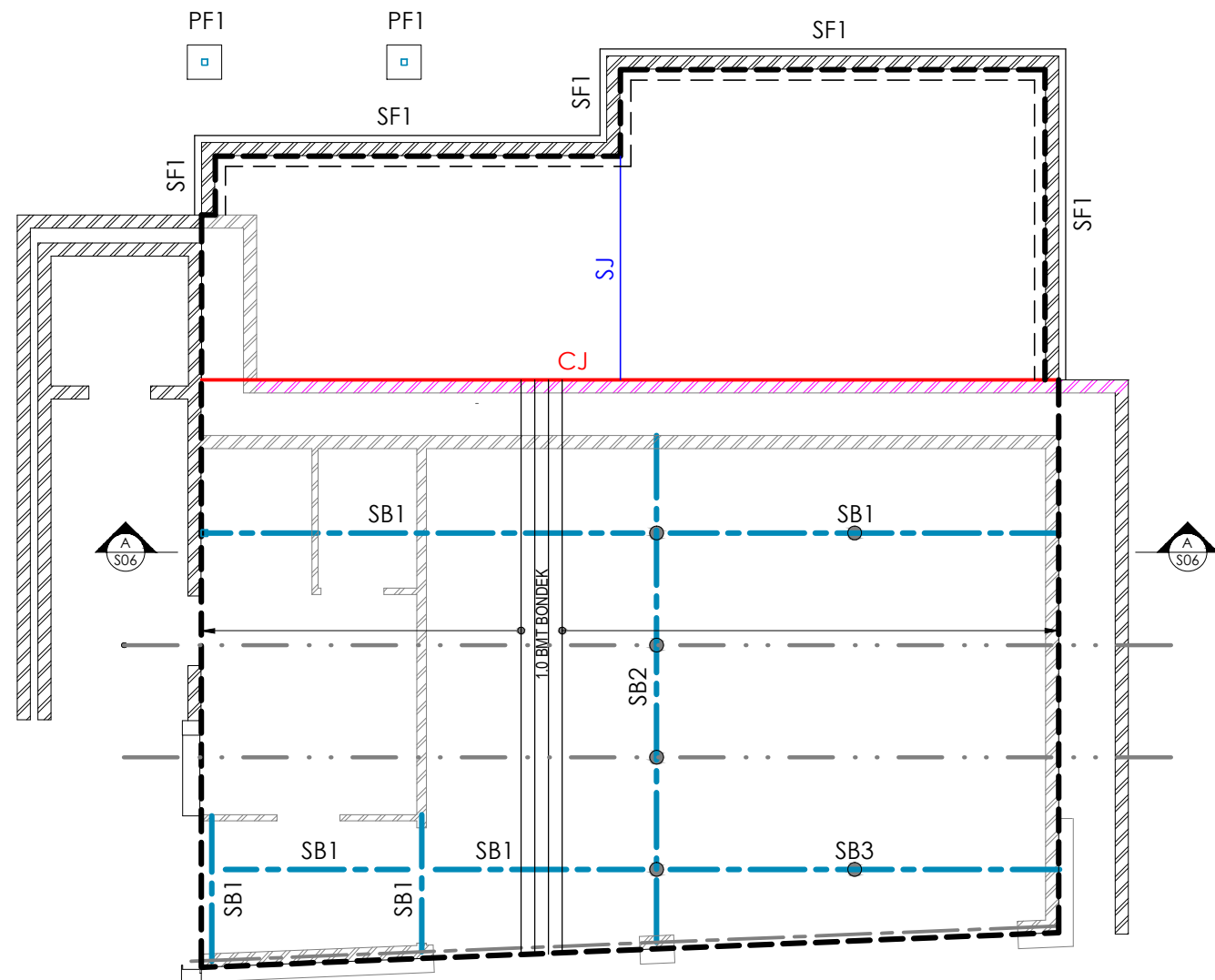


LOBBY TIMBER FLOOR FRAME TO BE
CONFIRMED ON SITE PENDING
POST-DEMOLITION INSPECTION

S05 GROUND FLOOR SLAB PLAN
Scale 1:100



A Slab Section
S05 Scale 1:20



- SB1** - 310 UC 118 Secondary Beam
SB2 - 310 UC 158 Primary Beam
SB3 - 310 UC 158 Secondary Beam

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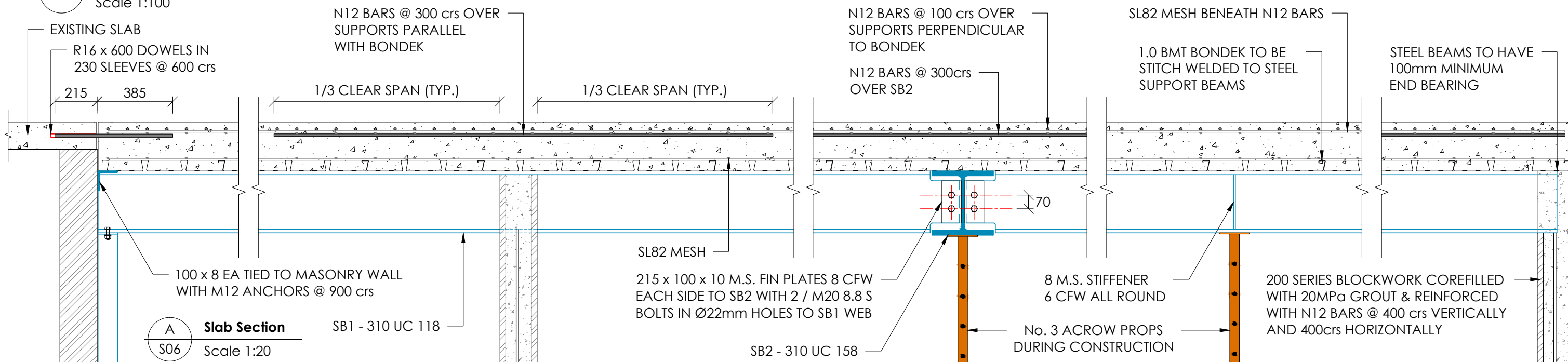
 DENOTES LINE OF TEMPORARY
 SUPPORTS DURING CONSTRUCTION.

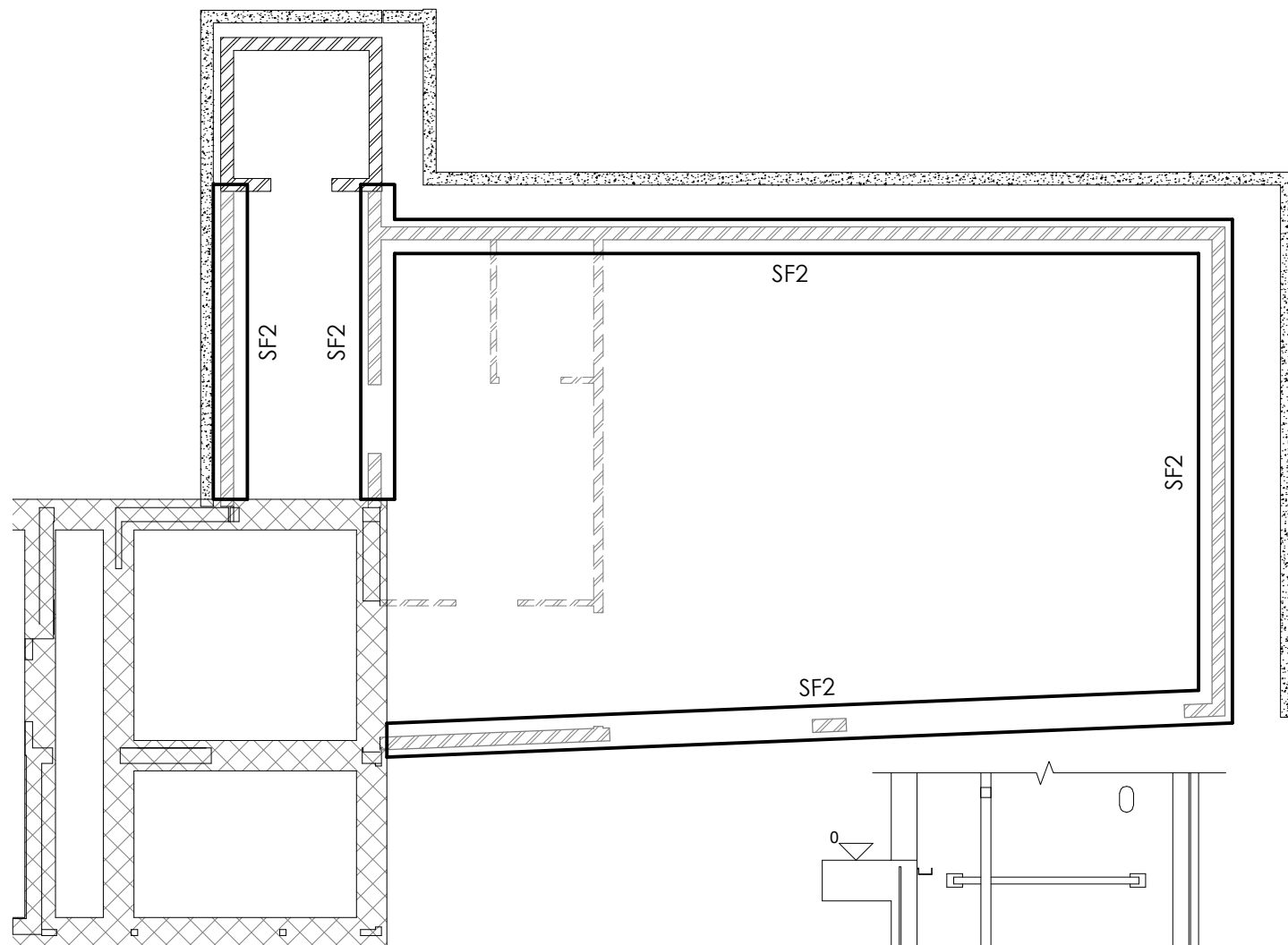
● DENOTES LOCATION OF ACROPPROPS
 DURING CONSTRUCTION.

TEMPORARY SUPPORTS TO REMAIN IN
 PLACE MINIMUM OF 28 DAYS AFTER
 CONCRETE POUR.

S06 GROUND FLOOR SLAB PLAN

Scale 1:100

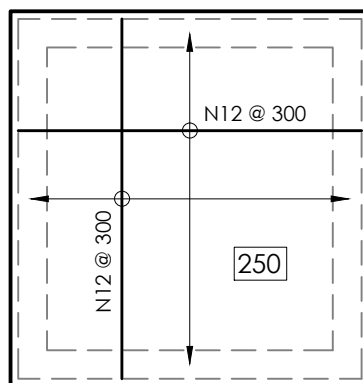




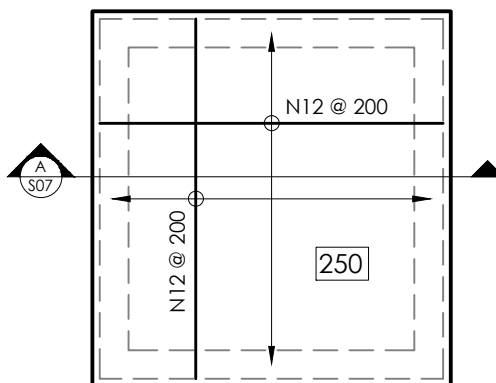
S07 BASEMENT FOOTING PLAN
Scale 1:100

LIFT SHAFT PIT SLAB 32 MPa Concrete

- 250mm THICK WITH 100 x 190 PERIMETER HOB SET IN 50mm
- PROVIDE N12 BARS @ 300 crs EACH WAY IN TOP 50mm COVER.
- PROVIDE N12 BARS @ 200 crs EACH WAY IN BOTTOM 50mm COVER.
- EVERY SECOND BOTTOM BAR TO BE TURNED UP WITH STANDARD COG AS STARTER BARS WITH 500mm LEG.

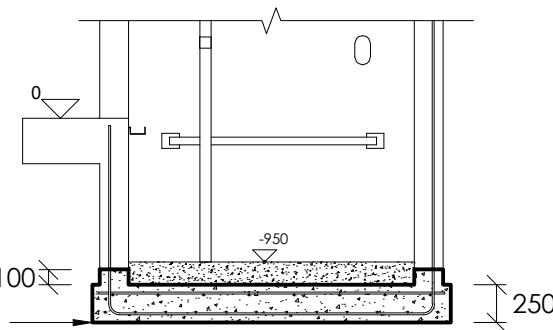


TOP REINFORCEMENT



BOT. REINFORCEMENT

S07 LIFT SHAFT PIT SLAB PLAN
Scale 1:50

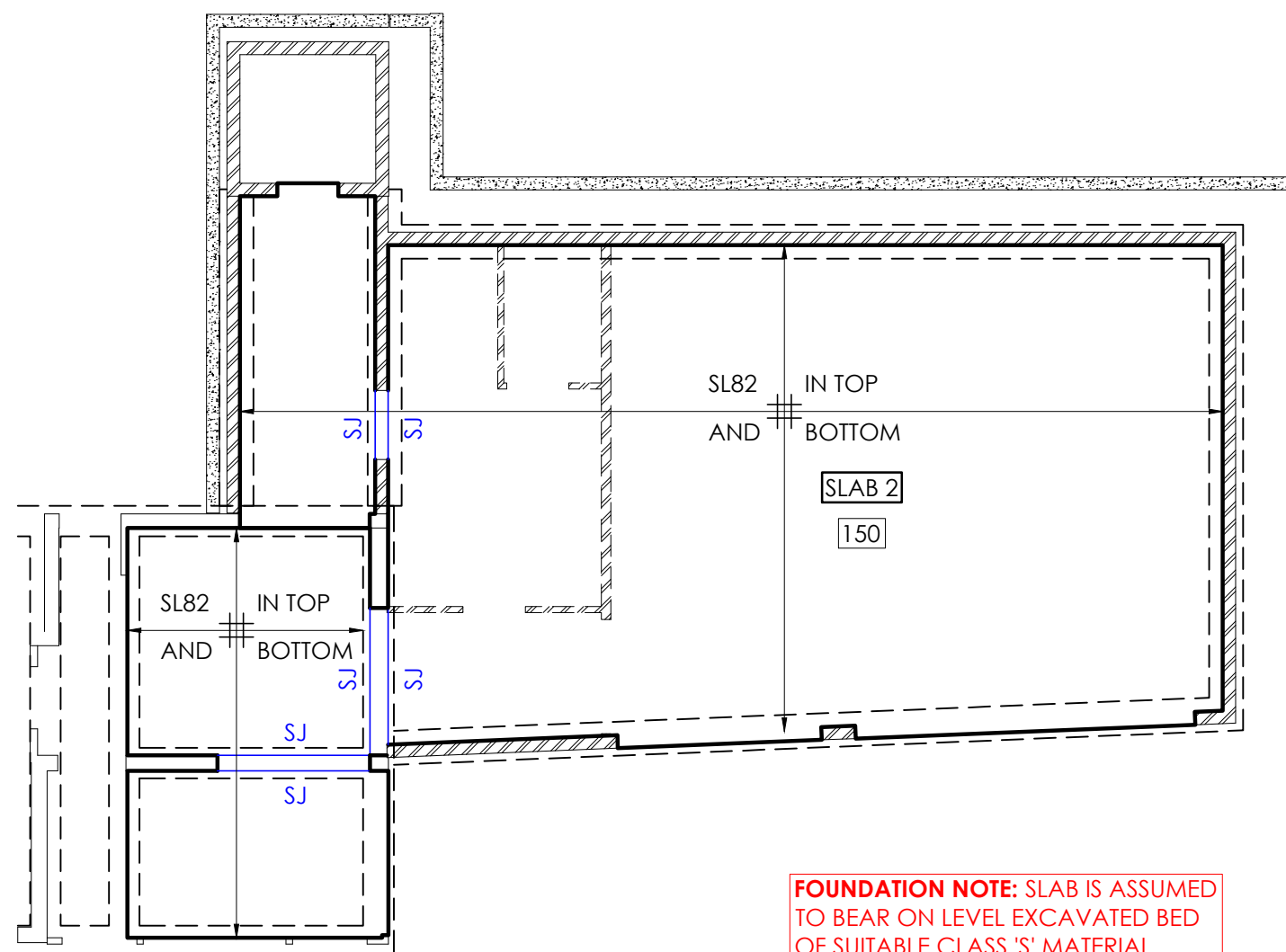


A Slab Section
Scale 1:50

- SF2 Strip Footing 25 MPa Concrete** with 120mm max. slump
- 500mm Wide by 400mm Deep
 - 500mm Founding Depth
 - 5-L11 TM top and bottom
 - N12 Starter bars @ 400 crs

- SLAB 2 32 MPa Concrete** with 120mm max. slump
- 150mm THICK
 - SL82 Mesh in top with 30mm cover
 - SL82 Mesh in bottom with 25mm cover

- SJ**
- 25mm deep sawn control joint cut over internal beams within 24 hours of concrete placement.
 - Every second bar in top layer of mesh to be cut prior to pouring concrete.



S07 BASEMENT SLAB PLAN
Scale 1:100

FOUNDATION NOTE: SLAB IS ASSUMED TO BEAR ON LEVEL EXCAVATED BED OF SUITABLE CLASS 'S' MATERIAL. INSPECTION IS REQUIRED PRIOR TO PLACEMENT OF FORMWORK.

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