

### GENERAL CONSTRUCTION NOTES

- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER WORKING DRAWINGS AND SPECIFICATIONS AND ANY OTHER WRITTEN INSTRUCTIONS ISSUED DURING CONSTRUCTION. ALL DISCREPANCIES AND VARIATIONS SHALL BE REFERRED TO THE ENGINEER, BEFORE PROCEEDING WITH THE WORK

- DURING CONSTRUCTION THE STRUCTURE AND ANY ADJACENT STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED

- DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS ALL LEVELS AND SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORKS

- THE CONTRACTOR IS RESPONSIBLE TO ESTABLISH THE LOCATION, SIZE AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS

- ALL SITE SAFETY MEASURES AND WORK METHOD STATEMENTS PREPARED BY BUILDER/SUB-CONTRACTORS ARE TO BE IMPLEMENTED DURING CONSTRUCTION. NO WORK IS TO COMMENCE UNTIL SUPERVISOR/BUILDER HAS IDENTIFIED AND APPROPRIATELY ACTED ON ANY POTENTIAL HAZARDS

- BUILDER TO ADHEAR TO ANY GEOTECHNICAL REPORT RECOMMENDATIONS PREPARED FOR THE SITE

- ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF RELEVANT AUSTRALIAN STANDARD CODES AND THE REGULATIONS OF THE RELEVANT BUILDING AUTHORITY

- UNLESS REQUESTED AND PRODUCED ON THE PLANS, THE BUILDER IS TO ENSURE THAT ARTICULATION JOINTS ARE SHOWN ON THEIR ARCHITECTURAL DRAWINGS AND BE SATISFIED THAT THEY ARE IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND BUILDING CODES

- REFER TO THE ARCHITECTURAL PLANS FOR LOCATIONS OF ANY CONCRETE PADS REQUIRED

FOUNDATION MATERIAL SHALL BE APPROVED PRIOR TO CONSTRUCTION

- A 1.0 METRE WIDE APRON, WITH 25 CROSS FALL AWAY FROM SLAB EDGE IS TO BE FORMED ALL AROUND THE RAFT SLAB WHERE APPLICABLE

- ADDITIONAL CONCRETE PIERS MAY BE REQUIRED UNDER SLAB TO EVEN BEARING IN SOIL AS RECOMMENDED BY AUSTRALIAN STANDARD AS 2870.

- ALL SITE FILLING PLACED BENEATH SLAB TO BE TREATED IN ACCORDANCE WITH CLAUSE 6.4. OF AS 2870.2 - 2011.

- NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR ENGINEER'S APPROVAL

- IF THE LOCATION OF THE SLAB IS NEXT TO AN ABOVE OR BELOW ON SITE DETENTION SYSTEM OR BELOW GROUND RAINWATER TANK, THE BUILDER IS TO ADVISE ENGINEER IN ORDER TO ENSURE THAT CONCRETE PIERS ARE TAKEN 500mm BELOW THE INVERT OF TANK OR THE FOOTING OF THE SUPPORTING WALL FOR AN ABOVE GROUND DETENTION SYSTEM PREPARED FOR THE SITE

FOOTINGS ARE DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 100kPa. REINFORCEMENT SYMBOLS ARE FOLLOWS:

- REINFORCEMENT SYMBOLS ARE FOLLOWS: (N) - HOT ROLLED DEFORMED BARS (400 n) (SL) - HARD - DRAWN WIRE REINFORCING FABRIC (450 sl) (S) - STRUCTURAL GRADE DEFORMED BARS

- CONSTRUCTION JOINTS THAT ARE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER

- ALL REINFORCEMENT TO BE ADEQUATELY SUPPORTED IN ITS REQUIRED POSITION AND COVER DURING PLACEMENT OF CONCRETE

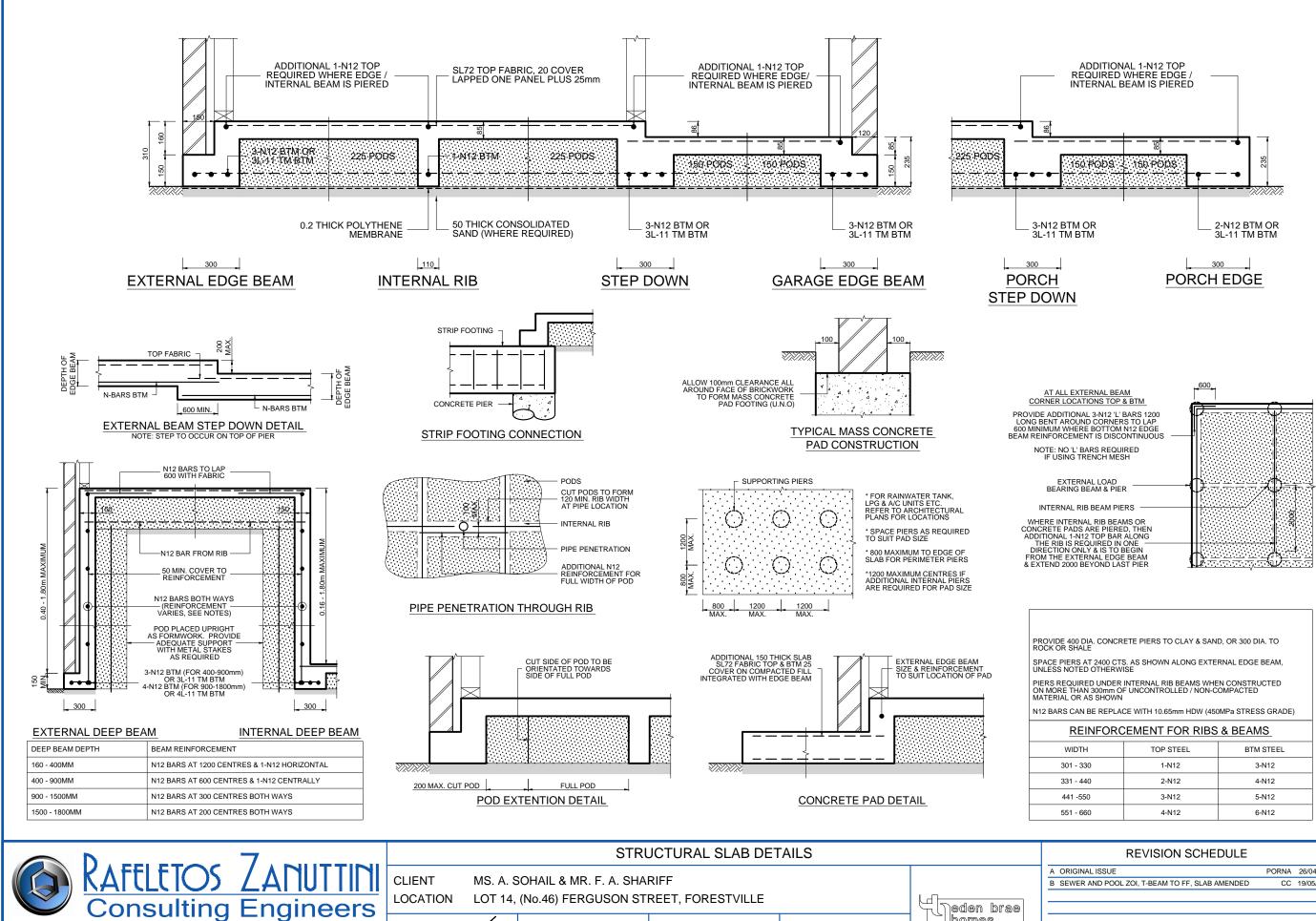
- PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER

- ALL CONCRETE TO BE MECHANICALLY VIBRATED AND SHALL BE CAREFULLY WORKED AROUND THE REINFORCEMENT AND INTO THE CORNERS OF FORMWORK

 PIER HOLES ARE DESIGNED FOR ALLOWABLE BEARING PRESSURE OF 200kPa.
CONCRETE SPECIFICATION (F'c 28 DAYS) TO BE AS FOLLOWS: ADOPT TYPE 'A' CEMENT WITH MAX AGGREGATE SIZE OF 20mm AND 80mm SLUMP

CEMENT WITH MAX AGGREGATE SIZE OF 20mm AND 80mm SLUMP				
LOCATION		NORMAL F'c		
PIERS		20 MPa		
SLAB		20 MPa		
STRIP FOOTING		20 MPa		
- CLEAR COVER TO REINFORCEMENT TO BE AS FOLLOW:				
LOCATION	FORMED & SHELTERED	FORMED & EXPOSED	POURED ON GROUND	
SLABS & WALLS	20	30	65	
BEAMS	25	40	65	
COLUMNS	40	50	-	
STRIP FOOTING	-	-	65	
CONCRETE PIERS				
SEWER AFFECTED PIERS $P$ ARTICULATION JOINT			CULATION JOINT	
© REINFORCED CONCRETE PIERS ★ STARTING POINT BUILDER / HOME OWNER IS TO ADHERE TO CSIRO BROCHURE, "FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE: A HOMEOWNER'S GUIDE". THESE STRUCTURAL ENGINEERING DETAILS ARE IN ACCORDANCE WITH - AS2870-2011 RESIDENTIAL SLAB & FOOTING CODE - AS2101 STELL STRUCTURE CODE - AS2100 STELL STRUCTURE CODE - AS2100 STELL STRUCTURE CODE - BUILDING CODE OF AUSTRALIA: SECTION B STRUCTURES REFERENCE HAS BEEN MADE TO RAFELETOS ZANUTTINI'S BOREHOLE & SOIL CLASSIFICATION REPORT UNDERTAKEN FOR THE PROPERTY				
REVISION SCHEDULE				
A ORIGINAL ISSUE			PORNA 26/04/22	

B SEWER AND POOL ZOI, T-BEAM TO FF, SLAB AMENDED



CLASSFICATION M(1X1)

SCALE

225.72.3.N 225.150.86.3 225.150.86.3

ABN: 35 04 047 466 PO BOX 91 KINGSGROVE NSW 2208 Level 2, 103 VANESSA ST KINGSGROVE NSW 2208

PTY LTD PH: 9554 9311 FAX: 9554 9764 EMAIL: admin@rafzan.com.au

BE MIE AUST

SHEET No.

NTS JOB No.

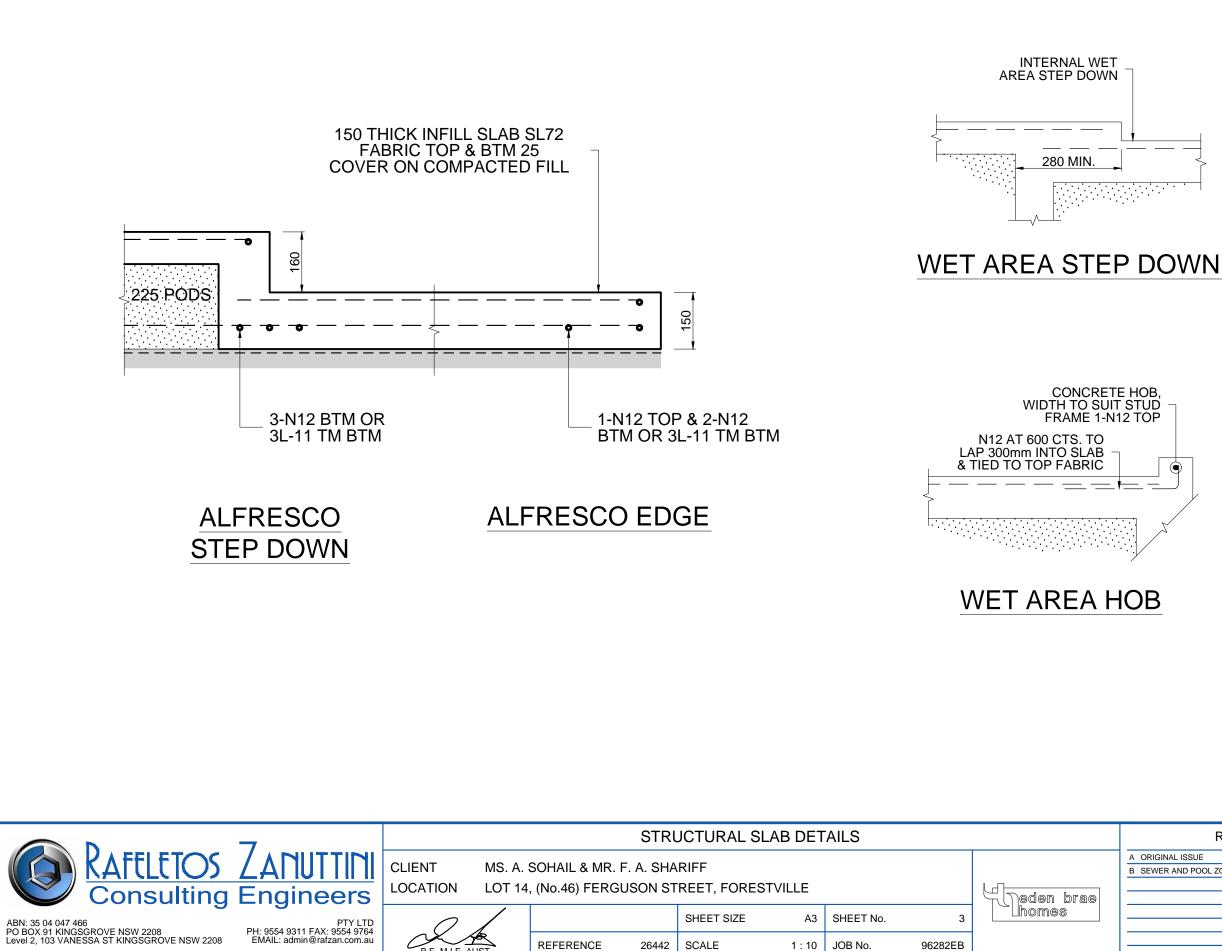
REINFORCEMENT FOR RIBS & BEAMS				
WIDTH	TOP STEEL	BTM STEEL		

301 - 330	1-N12	3-N12
331 - 440	2-N12	4-N12
441 -550	3-N12	5-N12
551 - 660	4-N12	6-N12

Uhomes

2

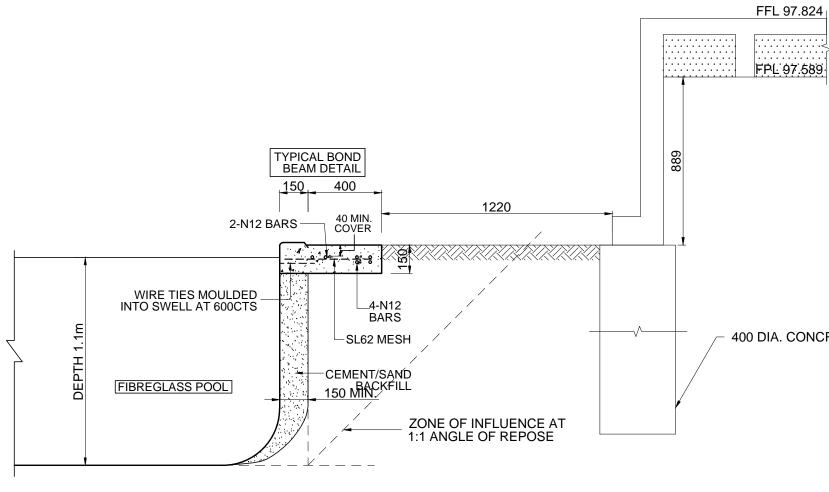
96282EB



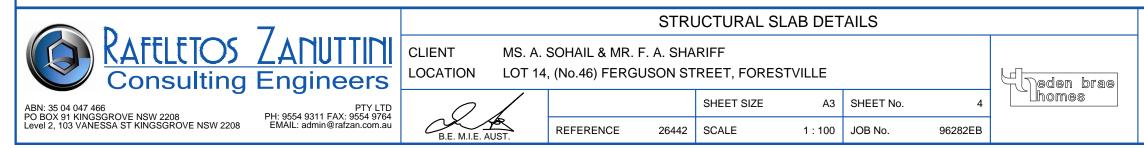
B.E. M.I.E. AUST

# **REVISION SCHEDULE**

B SEWER AND POOL ZOI, T-BEAM TO FF, SLAB AMENDED



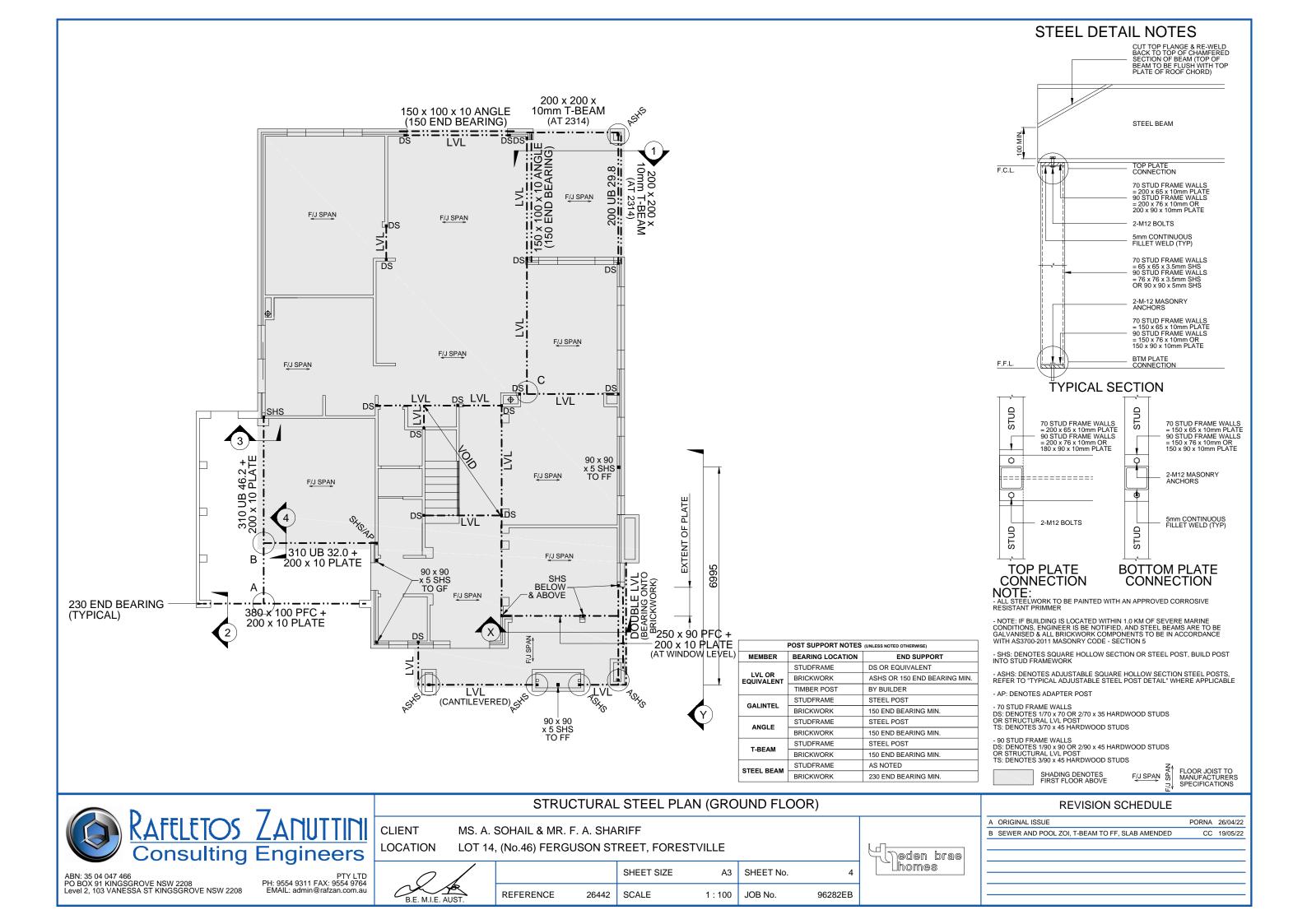
**SECTION X-X** SCALE 1:20

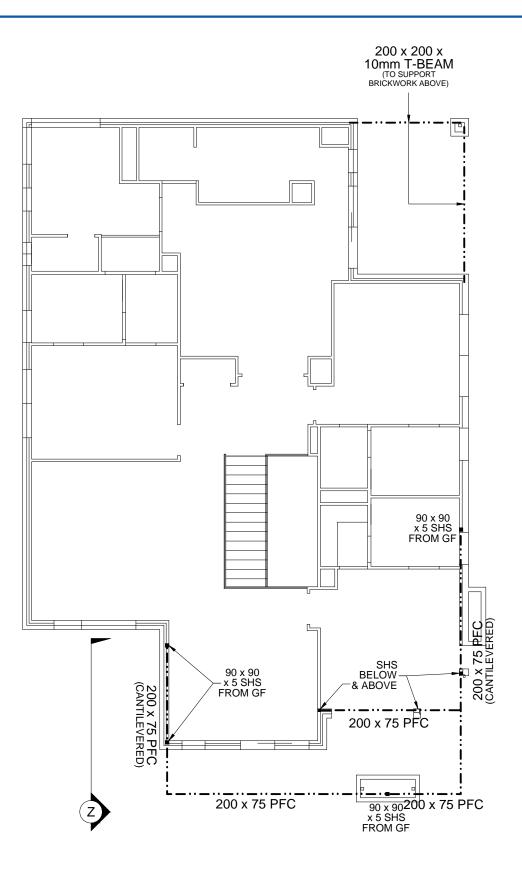


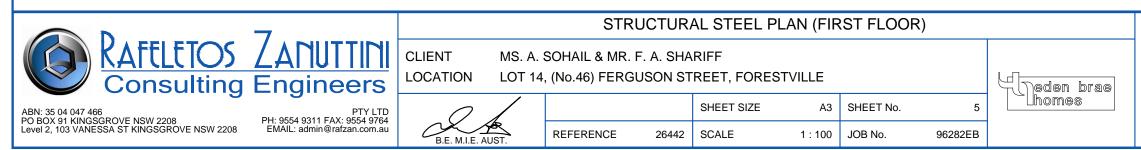
400 DIA. CONCRETE PIERS

#### **REVISION SCHEDULE**

A ORIGINAL ISSUE B SEWER AND POOL ZOI, T-BEAM TO FF, SLAB AMENDED

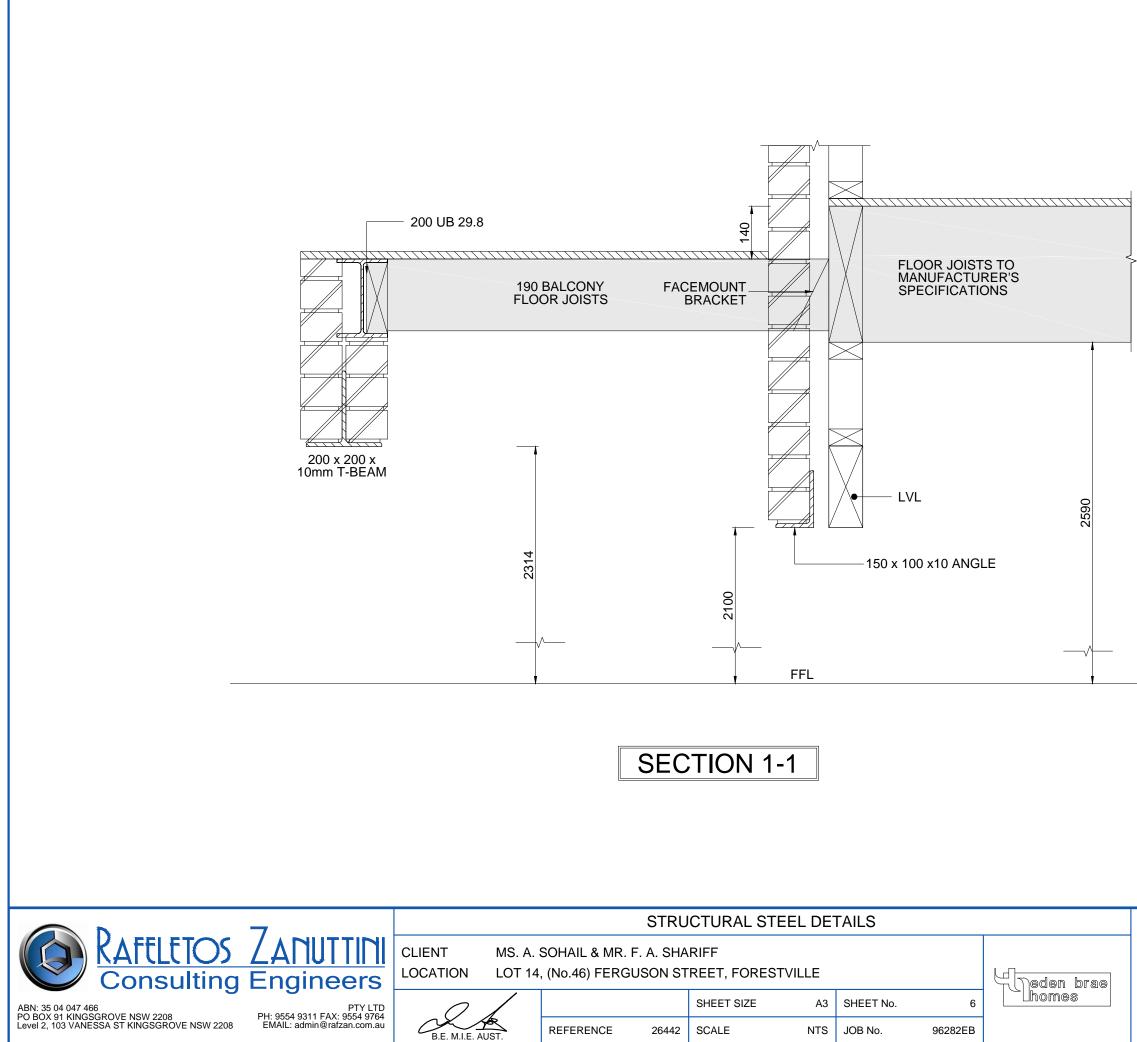






#### **REVISION SCHEDULE**

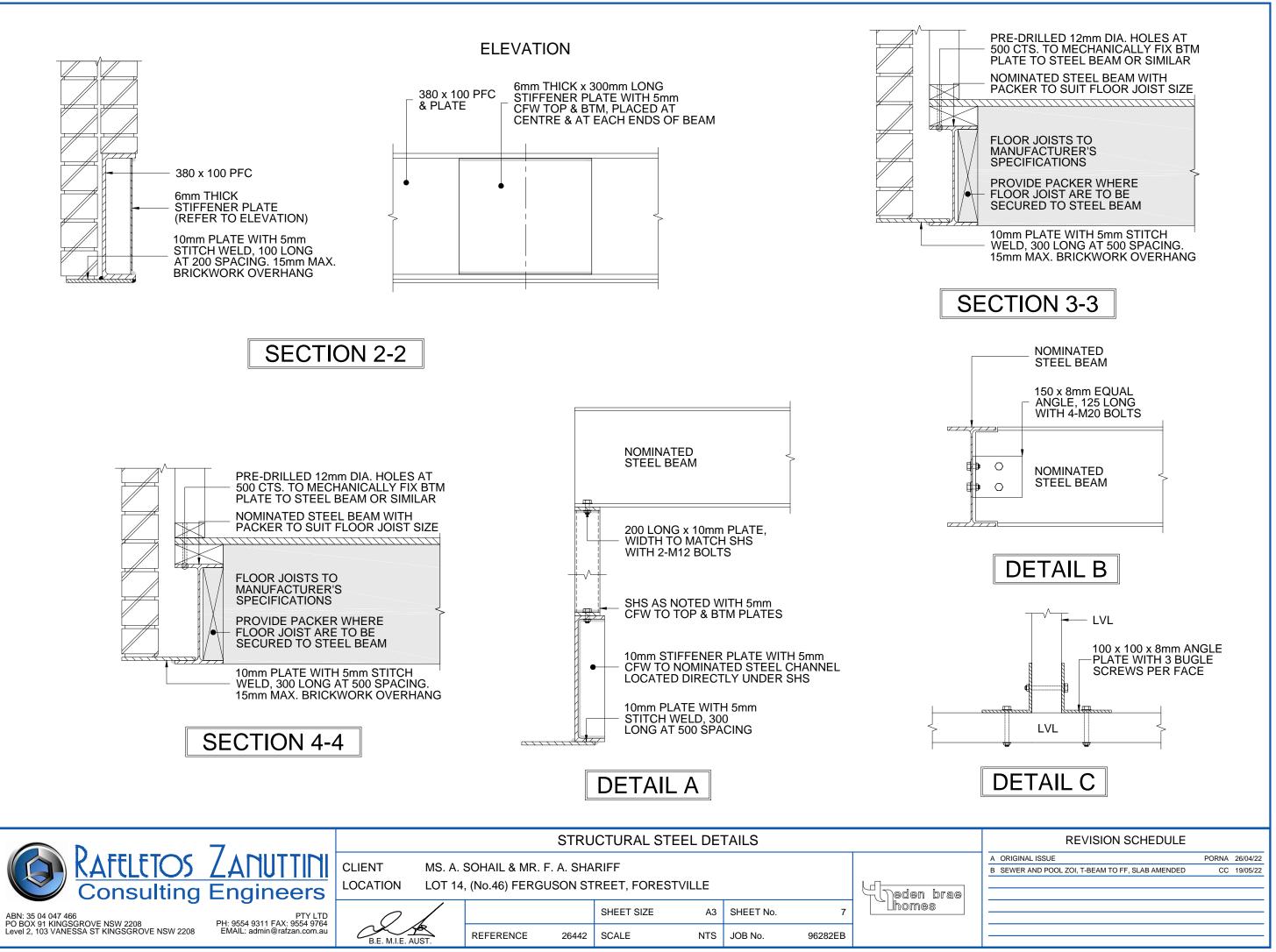
A ORIGINAL ISSUE B SEWER AND POOL ZOI, T-BEAM TO FF, SLAB AMENDED



## **REVISION SCHEDULE**

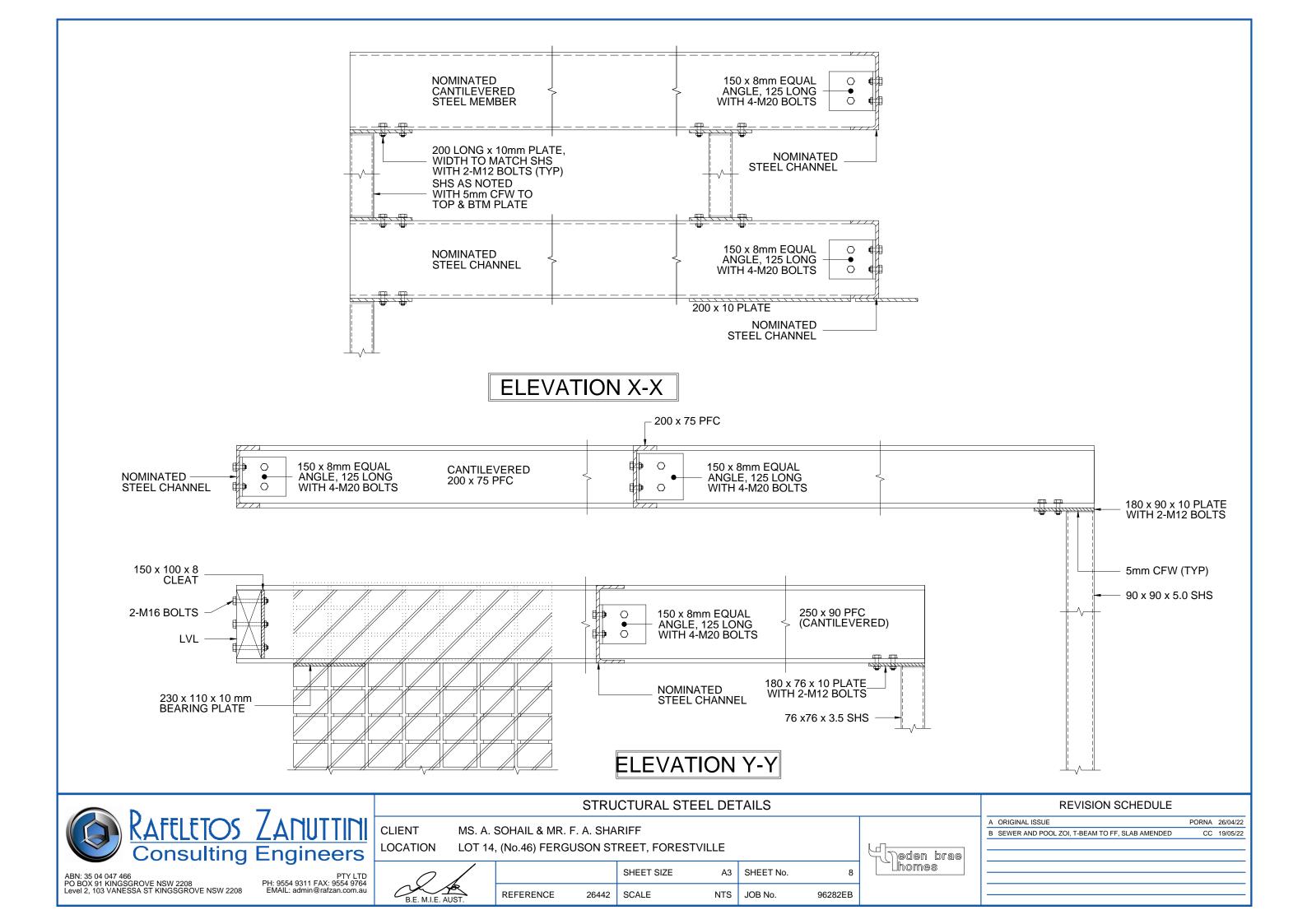
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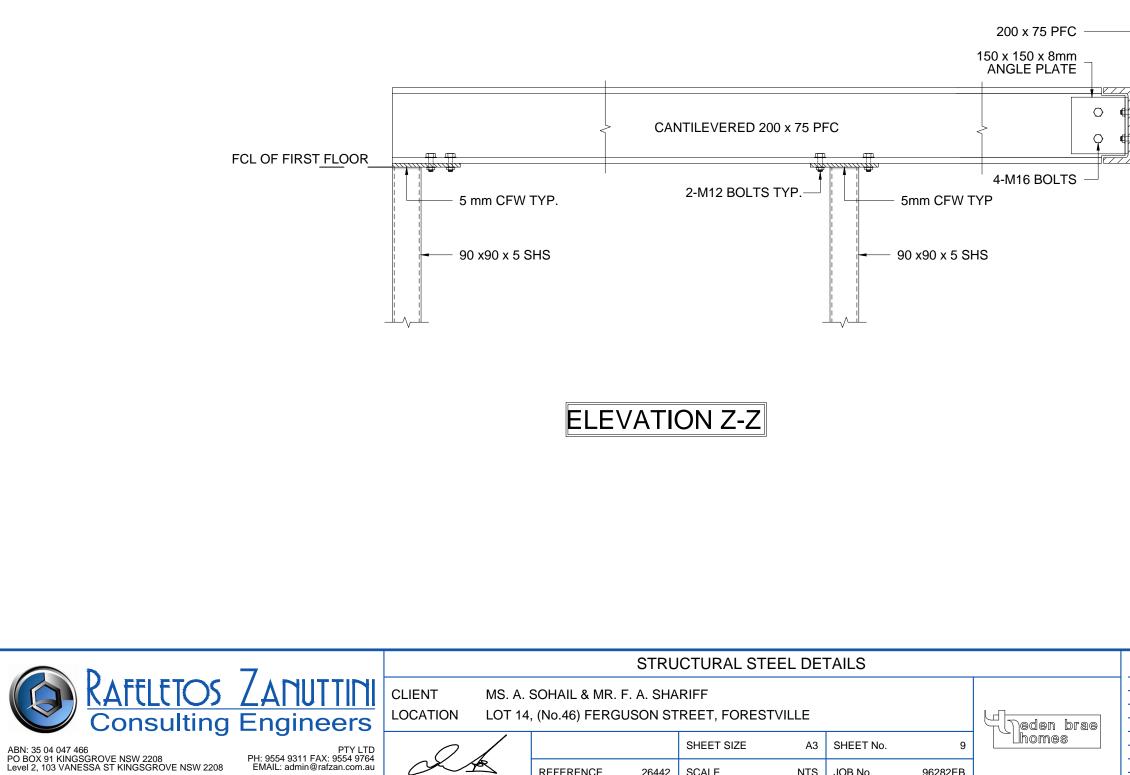
360



ABN: 35 04 047 466







REFERENCE

26442 SCALE

JOB No.

96282EB

NTS

X B.E. M.I.E. AUST.

# **REVISION SCHEDULE**

A ORIGINAL ISSUE B SEWER AND POOL ZOI, T-BEAM TO FF, SLAB AMENDED

