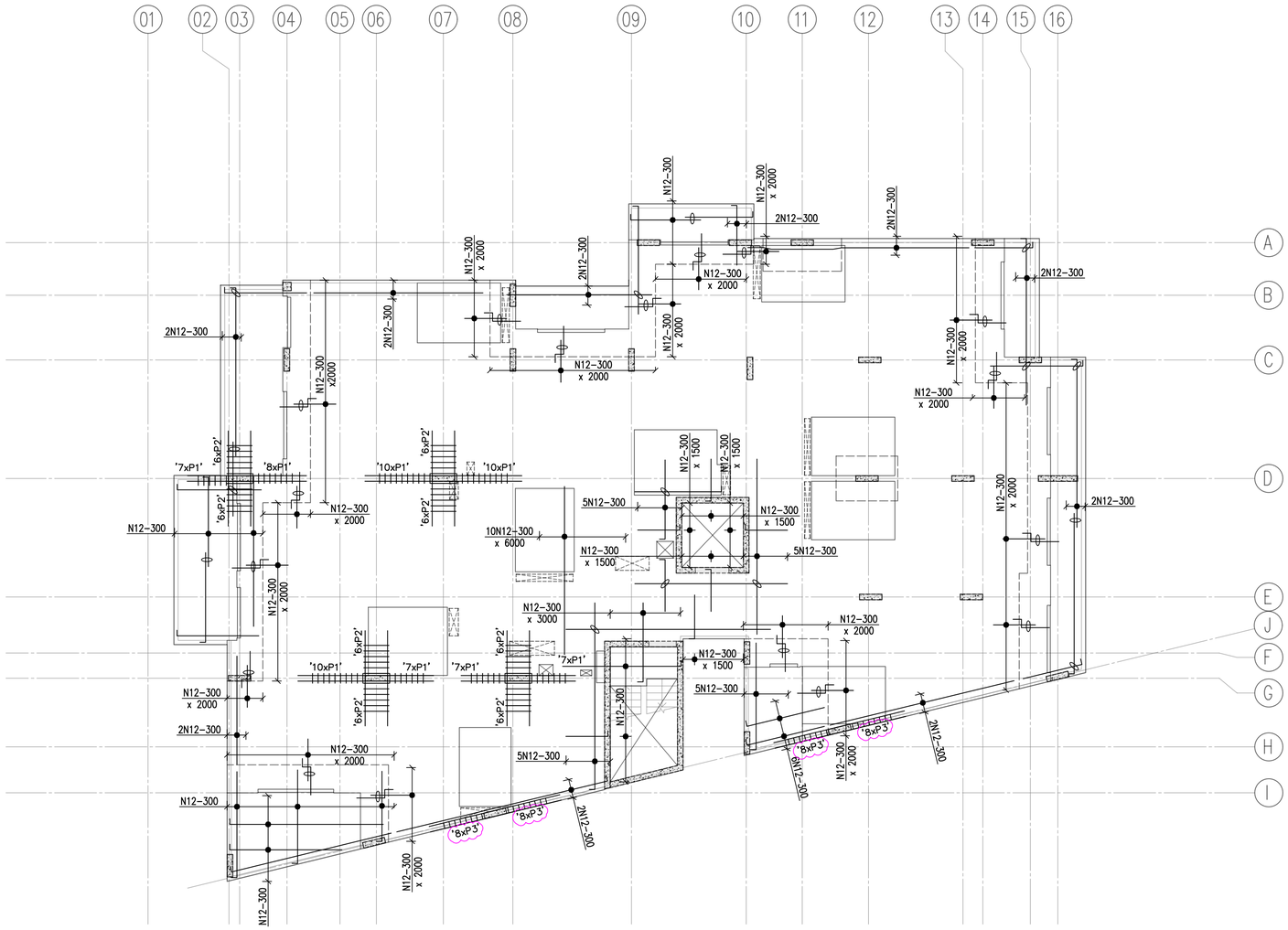
PUNCHING SHEAR LIG TABLE

'P1'	N12–200	350	T2 LAYER B2 LAYER
'P2'	N12–200	900	T1 LAYER B1 LAYER
'P3'	N12–200	200	T2 LAYER B2 LAYER



LEVEL 2 – BOTTOM REINFORCEMENT PLAN

Scale 1:100

IMPORTANT NOTE:

WITH REGARD TO REINFORCEMENT, NO ALTERATION WHATSOEVER SHALL BE MADE TO THE FOLLOWING CRITERIA:

- NUMBER OF BARS
- BAR TYPE – BAR
- DIAMETER – BAR
- SPACING – BAR
- LAYER SEQUENCE
- BAR LAP POSITION

WITHOUT THE APPROVAL OF THE ENGINEER PRIOR TO COMMENCEMENTOF WORK.

- DISPLACE RODS & LAP TO ALLOW MAXIMUM TENDON DRAPE. (TYP)

GENERAL BAR LAYING SEQUENCE DIAGRAM U.N.O.P.:

GENERAL BAR LAYING SEQUENCE TO MATCH LOCAL POST TENSIONING LAYERING:

T2 | B2
T1 | B1

REINFORCEMENT NOTES:

1. CONCRETE STRENGTH – REFER CONCRETE PROFILE PLAN
2. REINFORCEMENT 'CALL UP' NOTATION:

bars excluded from reinforcement tonnage
number of bars
bar type – (refer below)
bar diameter
bar spacing centers – (if shown)

×4 N 16–300
3000
bar layer – (refer below)

BAR TYPES: (TO AUSTRALIAN STANDARD AS 1302)
N = DENOTES HOT ROLLED DEFORMED BAR (500 MPa)

3. LAPS IN REINFORCEMENT SHALL BE:

BAR TYPE & DIAMETER								
BAR	N10	N12	N16	N20	N24	N28	N32	N40
LAP	400	500	700	1100	1450	1900	2300	2500

THE MINIMUM LAP FOR ALL FABRIC (MESH) REINFORCEMENT SHALL BE: TWO TRANSVERSE BARS PLUS 25 mm.

4. COVER TO REINFORCEMENT U.N.O. (REFER LEGEND THIS DRAWING) (ALLOW EXTRA 10 mm TOP COVER FOR MESH)

ELEMENT	COVER (mm)			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
INTERNAL SLABS	20mm	25mm	25mm	A1
EXTERNAL SLABS	40mm	40mm	40mm	B1
BEAMS	20mm	25mm	25mm	A1

5. FOR ALL DESIGNATED REINFORCEMENT & PLACEMENT OF LAPS PERTAINING TO THIS DRAWING, REFER TO RELEVANT PLANS, ELEVATIONS, SECTIONS, DETAILS & ASSOCIATED NOTES.
6. NOT SHOWN ON THIS DRAWING ARE THE FOLLOWING ITEMS 6(a) THROUGH 6(f) BUT, THESE SHALL BE PROVIDED IN ALL CIRCUMSTANCES AS REQUIRED U.N.O.

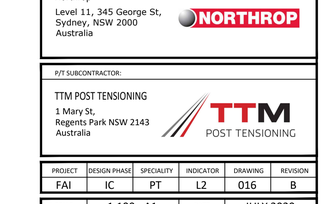
6(a) FOR ALL EXTRA REINFORCEMENT NOT SHOWN ON PLAN REFER TO SLAB SECTIONS & TYPICAL DETAILS.
5. REINFORCEMENT TAGGED ON SECTION NOT SHOWN ON PLAN.

6(b) REFER DRAWING GENERAL NOTEL & TYPICAL PT DETAILS FOR TYPICAL ANTI-BURST REINFORCEMENT REQUIREMENTS FOR POST TENSIONING ELEMENTS.

6(c) PROVIDE N12–1000 UNO. DISTRIBUTION BARS ONLY AS OTHERWISE NECESSARY TO SUPPORT MAIN REINFORCEMENT.

6(d) TRIMMER BARS.
PROVIDE REINFORCEMENT ONLY WHERE A PENETRATION IS GREATER THAN 300mm x 300mm & UP TO & INCLUDING 900mm x 900mm. SUCH PENETRATIONS SHALL HAVE THE FOLLOWING MINIMUM REINFORCEMENT:

6(b)



6(e) PROVIDE N16–300 DISTRIBUTION BARS IN ALL BALCONIES & EXTERNAL AREAS WHERE THESE AREAS ARE FORMING A ROOF TO INTERNAL AREAS BELOW WHERE NO EXTERNAL MESH SHOWN, GENERALLY AS SHOWN ON PLAN.

7. THE REINFORCEMENT SHALL NOT BE INSTALLED UNTIL TENDONS ARE PLACED IN ACCORDANCE WITH POST TENSIONING DOCUMENTATION.

NOTE:

SCEDULER TO ALLOW FOR STEPS & SET DOWNS SHOWN ON PLAN

REVISION	DATE	DESCRIPTION	CHECKED BY
B	03.07.2020	ISSUED FOR CONSTRUCTION	MR
A	30.06.2020	ISSUED FOR CONSTRUCTION	MR
01	12.06.2020	ISSUED FOR APPROVAL	MR

PROJECT TITLE:

ANGLICARE, FAIRFIELD

CLIENT:

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P/T SUBCONTRACTOR:

TTM POST TENSIONING
1 Mary St,
Regents Park NSW 2143
Australia

PROJECT	DESIGN PHASE	SPECIALITY	INDICATOR	DRAWING	REVISION
FAI	IC	PT	L2	016	B

SCALE:	1:100 - A1	DATE:	JULY 2020

DRAWING TITLE:

LEVEL 2
BOTTOM REINFORCEMENT PLAN

PROJECT NO: 19141

DRAWN BY:	TM	
DESIGN BY:	TM	
CHECKED BY:	MR	