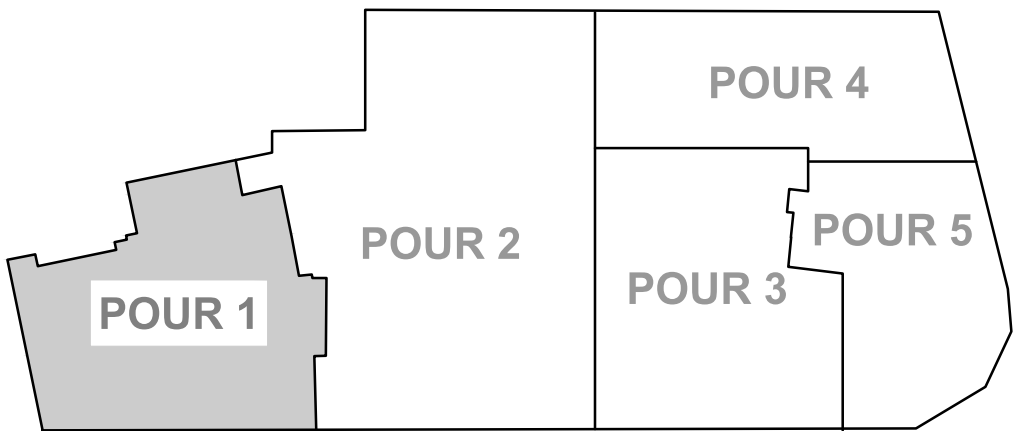


May 02, 2022 - 12:30PM C:\Users\Aurika\Documents\Cubic Consulting Pty Ltd\Cubic Jobs - jobs\2019102085 - 5-19 George St Blacktown\POST-TENSIONING\0702-4-GROUND FLOOR POUR 1 BOTTOM REINFORCEMENT PLAN.dwg
Aurika



REINFORCEMENT NOTES

R1: REFER TO DRAWING P0000,P0001 & P0002 FOR CONSTRUCTION NOTES AND POST-TENSIONING ANTI-BURST REINFORCEMENT.

R2: COVER TO REINFORCEMENT U.N.O.

ELEMENT	COVER (mm)			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
SLABS (INTERNAL)	20mm	25mm	25mm	A2
SLABS (EXTERNAL)	40mm	25mm	25mm	B1
BEAM/BAND (INTERNAL)	40mm	40mm	40mm	B1
BEAM/BAND (EXTERNAL)	40mm	40mm	40mm	B1

THE ABOVE COVER REQUIREMENT IS TO THE OUTERMOST LAYER OF REINFORCEMENT, MESH OR SAFETY MESH (IF SUPPLIED)

R3: LAPS IN REINFORCEMENT U.N.O.

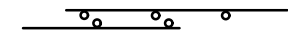
DEPTH	N10	N12	N16	N20	N24	N28	N32	N36
<300mm	365mm	475mm	685mm	885mm	1100mm	1330mm	1580mm	1855mm
>300mm	410mm	620mm	890mm	1150mm	1430mm	1730mm	2055mm	2410mm

R4: DISTRIBUTION REINFORCEMENT SHALL BE N12-1000 U.N.O. LAP AND COG AS REQUIRED.

R5: REINFORCEMENT SYMBOLS:

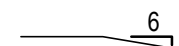
17N20-250T/E (2000)	
17	- DENOTES NUMBERS OF BARS IN GROUP
N20	- DENOTES BAR GRADE/TYPE AND DIAMETER
250	- DENOTES SPACING IN mm
T	- DENOTES TOP REINFORCEMENT
B	- DENOTES BOTTOM REINFORCEMENT
E	- DENOTES EXTRA REINFORCEMENT
2000	- DENOTES LENGTH OF BAR

R6: LAPS AND FABRIC U.N.O.



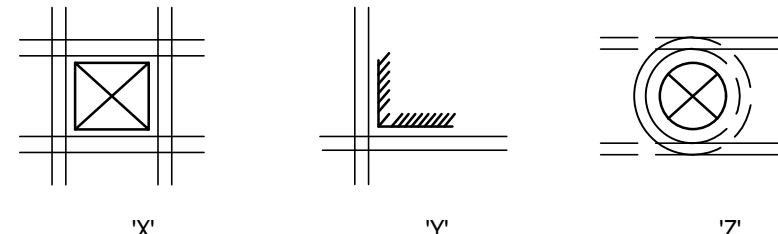
MINIMUM ONE WIRE SPACING PLUS 25mm.
DO NOT LAP FABRIC OVER SUPPORTS.

R7: CRANKED BARS:



CRANKS N.S.O.P. FOR CLARITY



R8: ('X', 'Y', 'Z')
DENOTES 2N16 TRIMMERS BARS AT 100 CTS EACH SIDE OF PENETRATION. EXTEND MINIMUM 800mm EACH CORNER.



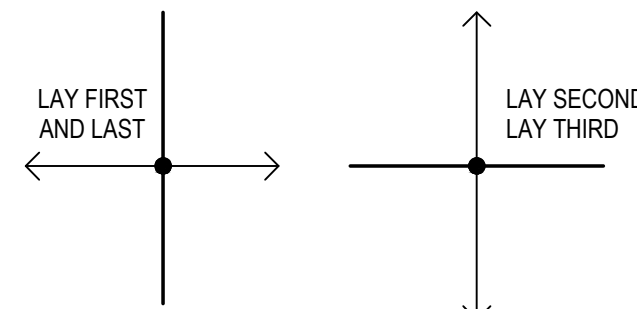
R9: TRIMMER BARS

TRIMMER BARS MUST BE INSTALLED AT STRESSING PANS. REFER TO DRAWING P0000/P0001 FOR TYPICAL STRESSING PAN REINFORCEMENT DETAIL.

GENERAL NOTES

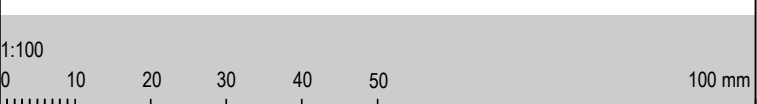
- REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT AND SIZE OF ALL NON-STRUCTURAL HOBS (TYPICAL)
- REINFORCEMENT MARKED THUS  IS NOT INCLUDED IN CUBITIC CONSULTING REINFORCEMENT TENDER ALLOWANCES. THIS REINFORCEMENT IS TO BE SCHEDULED & MARKED SEPARATELY.
- SAFETY MESH  IS TO BE SUPPLIED FOR DEPTHS GREATER THAN 500mm AND INSTALLED TO BUILDERS REQUIREMENTS. CUT MESH LOCALLY TO MAINTAIN HIGH POINTS OF P.T. TENDONS.
- CUBITIC CONSULTING DOES NOT TAKE RESPONSIBILITY FOR WATERPROOFING ON THIS STRUCTURE. WATERPROOFING IS TO BE CARRIED OUT BY OTHERS.

BAR LAYING SEQUENCES



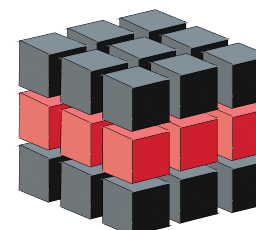
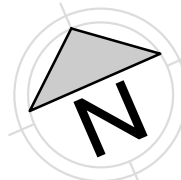
REVISIONS				
B	ISSUED FOR CONSTRUCTION	A.D.	G.G.	02.05.22
A	ISSUED FOR APPROVAL	A.D.	G.G.	20.04.22
No	AMENDMENT	ENG	DRAFT	DATE

SCALE BAR



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PROJECT TITLE

PROPOSED MIXED-USE DEVELOPMENT
5 - 19 GEORGE STREET,
BLACKTOWN, NSW, 2148

DRAWING TITLE

GROUND FLOOR POUR 1
BOTTOM REINFORCEMENT PLAN

DESIGNER M.WASEF	DRAFTSPERSON M. BACIC	SIGNATURE
SCALE @ A1 1:100	DATE SEPT. 2019	SHEET SIZE A1
JOB No 190286	DRAWING No. P0702	REVISION B