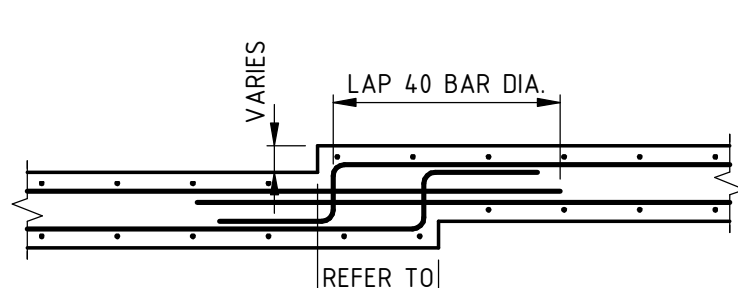
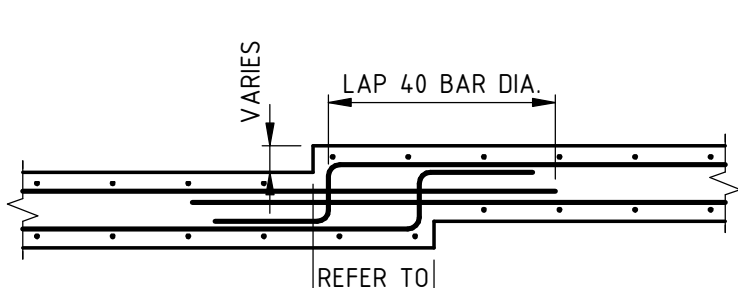


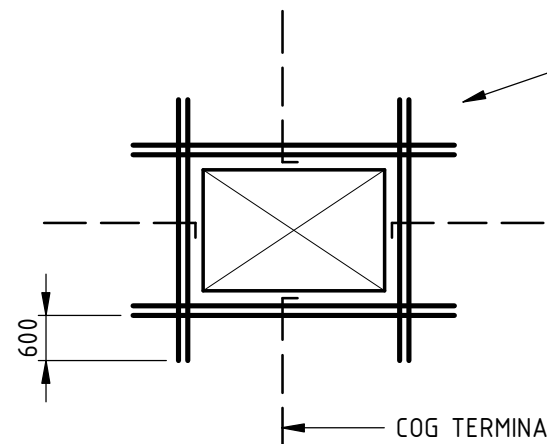
BAR SPlicing TABLE



TYPE 3



TYPE 3



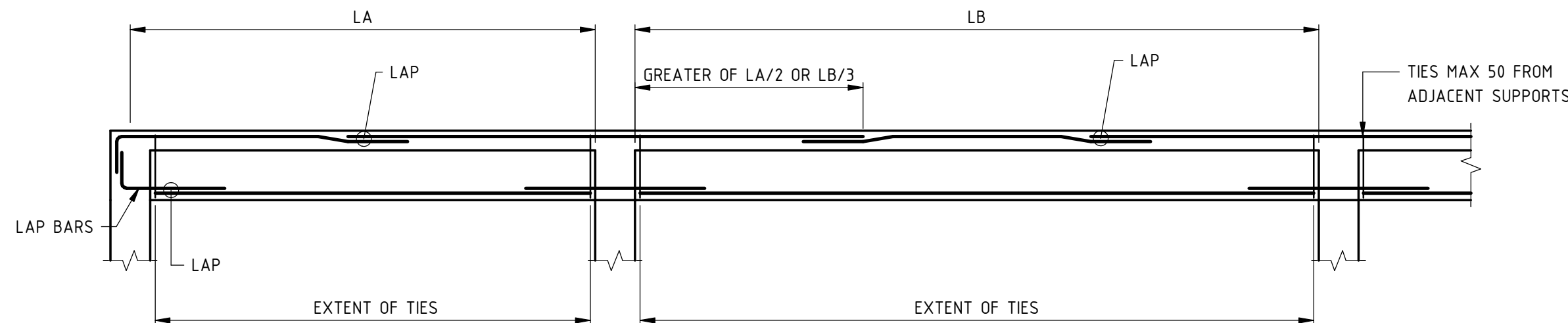
TOP BARS:
FOR EVERY TWO BARS STOPPED BY PENETRATION ADD ONE BAR EACH SIDE OF SAME SIZE & GRADE. WHERE NO TOP BARS ARE SHOWN ADD 1-N16 TOP EACH SIDE OF PENETRATION

BOTTOM BARS:
FOR EVERY TWO BARS STOPPED BY PENETRATION ADD ONE BAR EACH SIDE OF SAME SIZE & GRADE

BAR SIZE	LAP LENGTH
N12	600
N16	700
N20	800
N24	1000
N28	1200
N32	1300
N36	1500
N40	1600

TYPICAL SLAB FOLD DETAILS

TYPICAL BEAM FOLD DETAILS

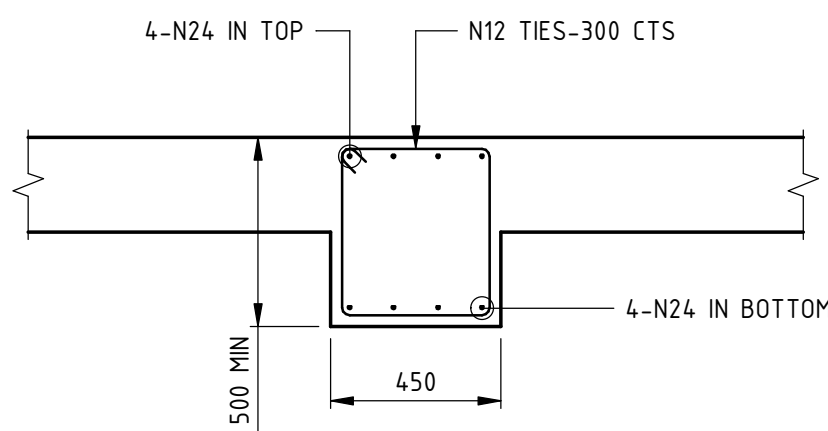


END SPANS
LAPS TO BE AT MID SPAN

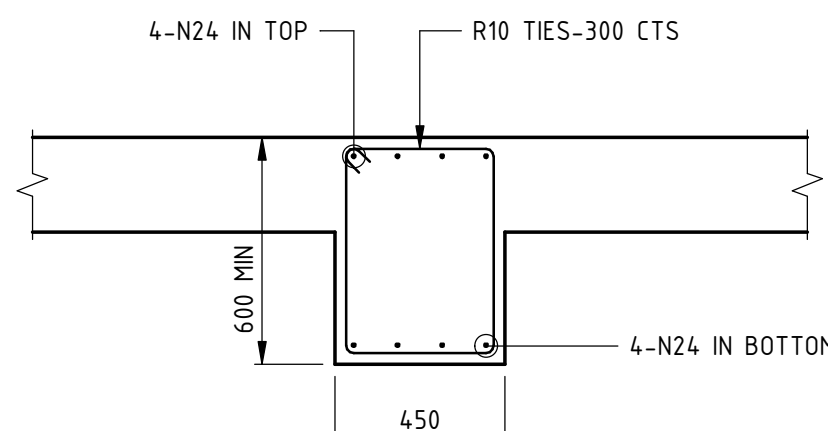
MIDDLE SPANS
LAPS TO BE AT THIRD SPANS

TYPICAL CONCRETE BEAM ELEVATION
(REFER TO FIRST FLOOR SCHEDULE & PLAN FOR REINFORCEMENT)

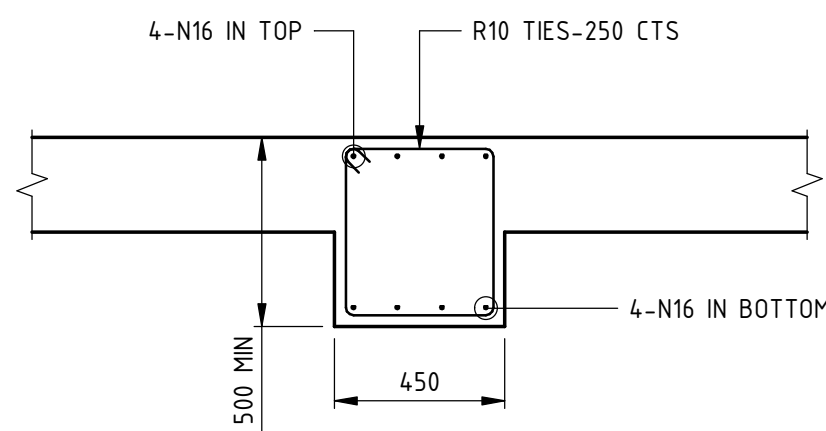
NOTE: LAP BOTTOM REINFORCEMENT ONLY AT COLUMN/SUPPORT LOCATIONS
LAP TOP REINFORCEMENT ONLY BETWEEN 1/2 & 1/3 OF SPANS AS SHOWN ABOVE



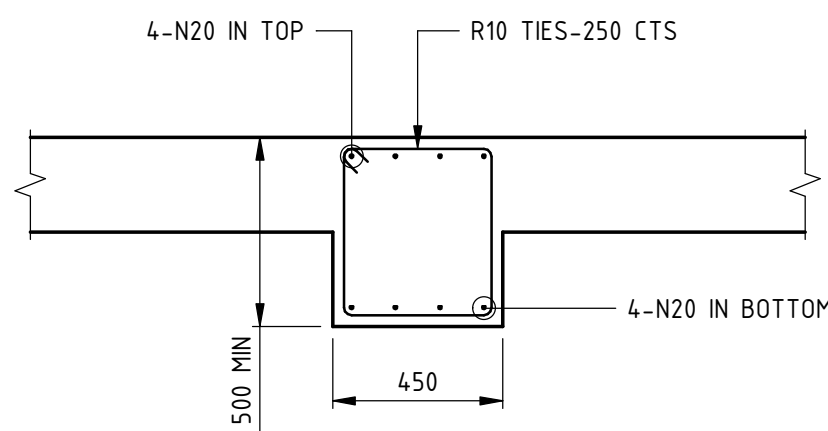
TYPICAL CONCRETE BEAM (CB1)
REINFORCEMENT DETAIL



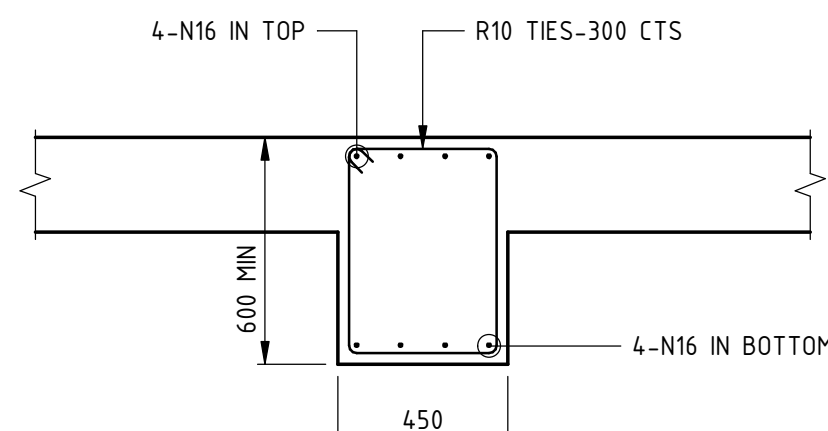
TYPICAL CONCRETE BEAM (CB2)
REINFORCEMENT DETAIL



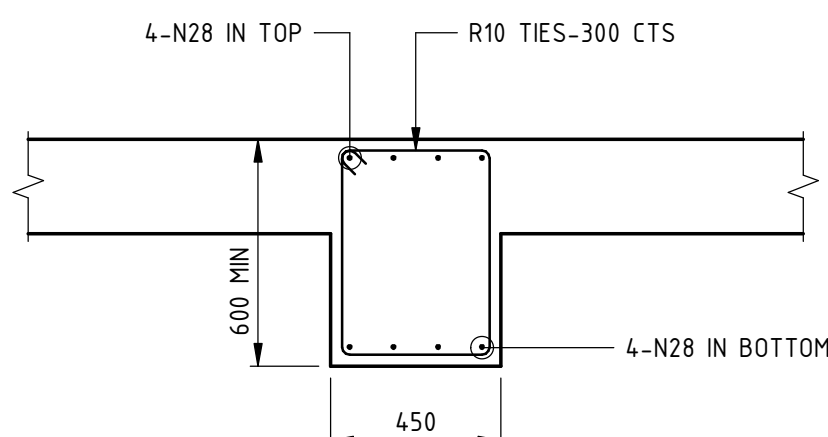
TYPICAL CONCRETE BEAM (CB3)
REINFORCEMENT DETAIL



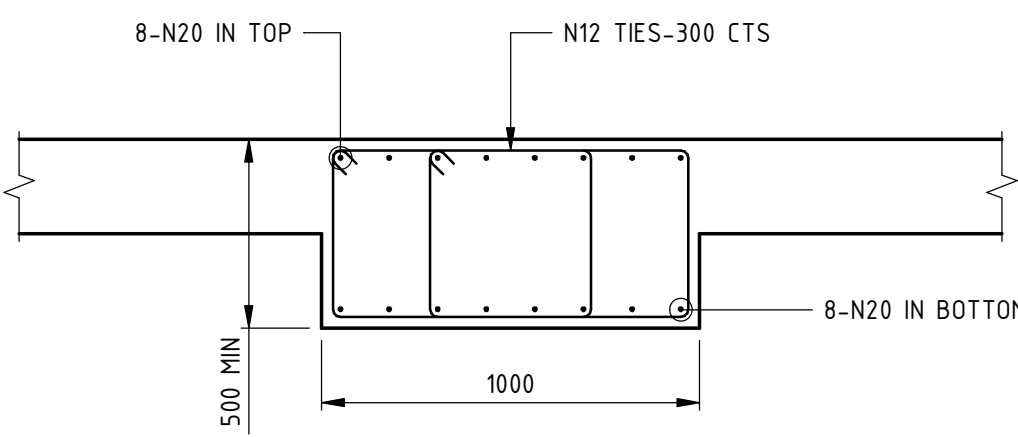
TYPICAL CONCRETE BEAM (CB4)
REINFORCEMENT DETAIL



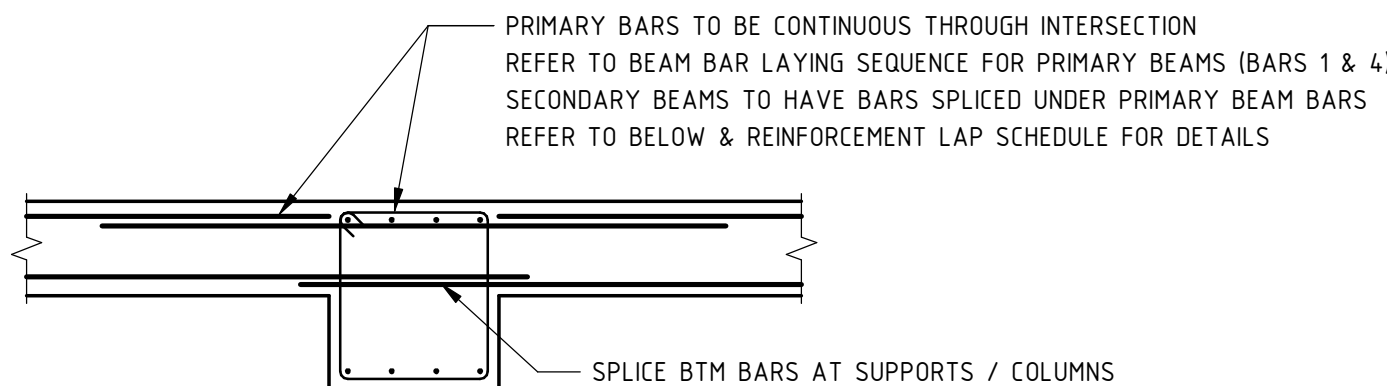
TYPICAL CONCRETE BEAM (CB5)
REINFORCEMENT DETAIL



TYPICAL CONCRETE BEAM (CB6)
REINFORCEMENT DETAIL



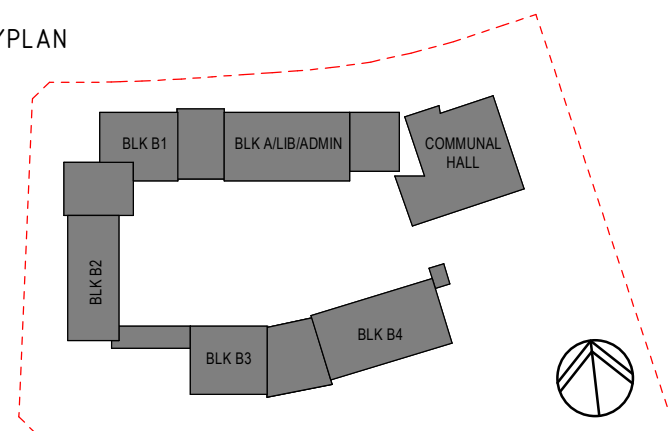
TYPICAL CONCRETE BEAM (CB7)
REINFORCEMENT DETAIL



TYPICAL INTERSECTING BEAM
REINFORCEMENT DETAIL

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KEYPLAN



REV	DESCRIPTION	ISS'D	VER'D	APP'D	DATE
A	ISSUED FOR DDR SUBMISSION	L.M		R.D	21.06.19
B	PROGRESS ISSUE	L.M		R.D	28.06.19
C	PROGRESS ISSUE	L.M		R.D	05.07.19
D	FINAL COORDINATION ISSUE	L.M		R.D	12.07.19
E	ISSUED FOR CONSTRUCTION	L.M	P.O'H	R.D	17.07.19

CLIENT

RICHARD CROOKES
CONSTRUCTIONS

ARCHITECT

GROUP GSA

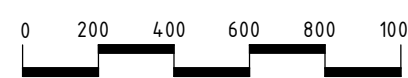
NSW GOVERNMENT | **Education**

PROJECT

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NORTHROP

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Ph (02) 9241 4188 Email: sydney@northrop.com.au
ABN 81 094 433 100



DRAWING TITLE

**STRUCTURAL DRAWING
SUSPENDED SLAB
DETAILS - SHEET 1**

JOB NUMBER

S182535-01

DRAWING NUMBER

S30.1

REVISION

E

DRAWING SHEET SIZE = A1

FOR CONSTRUCTION

VERIFIER: PHIL O'HARA

JOB MANAGER: RORY DALE

DESIGNED: BRENDAN BLAKE

DRAWN: LIAM MCKEOUGH