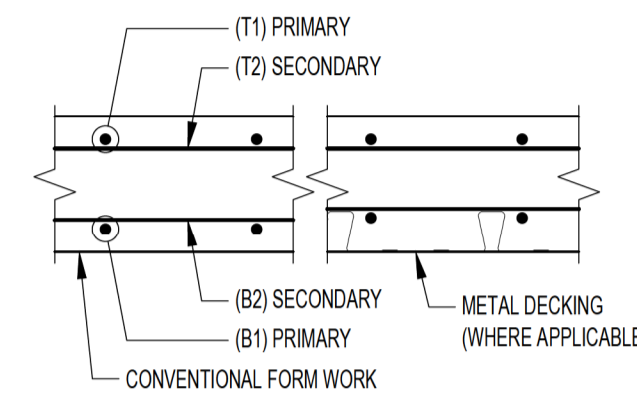


SLAB & BANDS REINFORCEMENT NOTATION



REINFORCEMENT LAYING DETAIL

SLAB REINFORCING BAR LAP LENGTH

NOTE: WHERE DEPTH OF CONCRETE BELOW LAPPED BAR EXCEEDS 300mm REFER TABLE BELOW FOR LAP LENGTHS

BAR SIZE	LAP LENGTH (mm)
N12	500
N16	750
N20	1000
N24	1250

FOOTING, BEAM AND WALL REINFORCING BAR LAP LENGTH

BAR SIZE	LAP LENGTH (mm)	
	BOTTOM & VERTICAL BARS	TOP HORIZONTAL BARS
N12	450	550
N16	700	850
N20	1000	1100
N24	1200	1500
N28	1600	1800
N32	1800	2200

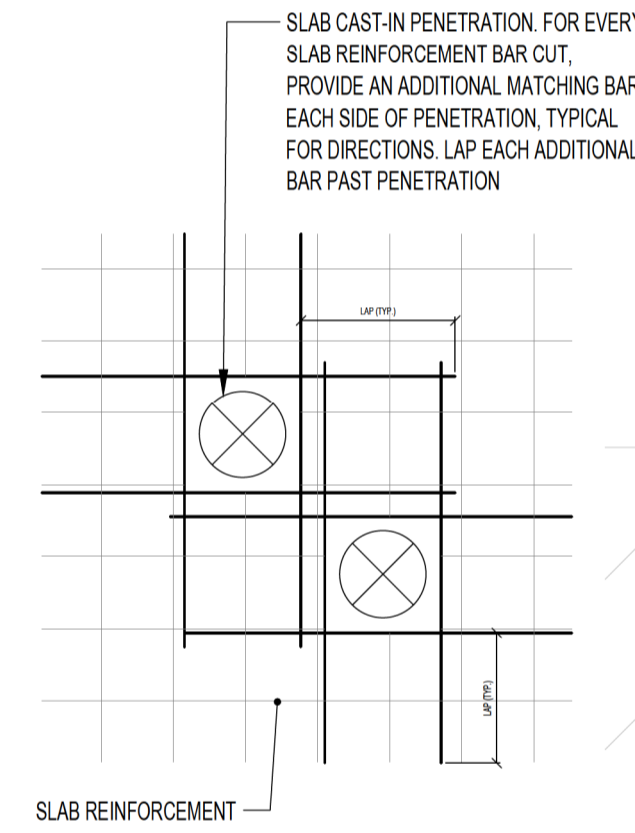
NOTES:
- LAP LENGTHS SHOWN ARE FOR 32 MPa CONCRETE MIN
- FOR 25MPa CONCRETE, THE ABOVE LAPS SHALL BE INCREASED BY 15%

REINFORCING BAR LAPS (U.N.O.)

DISTRIBUTION REINFORCEMENT:
SLABS ON CONVENTIONAL FORMWORK:
WHERE REINFORCEMENT SHOWN IN PRIMARY DIRECTION ONLY, PROVIDE SECONDARY DISTRIBUTION REINFORCEMENT AS FOLLOWS:
- SLAB THICKNESS LESS THAN 200mm: N12 - 300
- SLAB THICKNESS BETWEEN 200mm & 300mm: N12 - 200
SLABS ON METAL DECK FORMWORK:
WHERE BOTTOM REINFORCEMENT IS SHOWN IN THE SPAN DIRECTION ONLY, PROVIDE N12-600 DISTRIBUTION BARS IN THE PERPENDICULAR DIRECTION U.N.O.

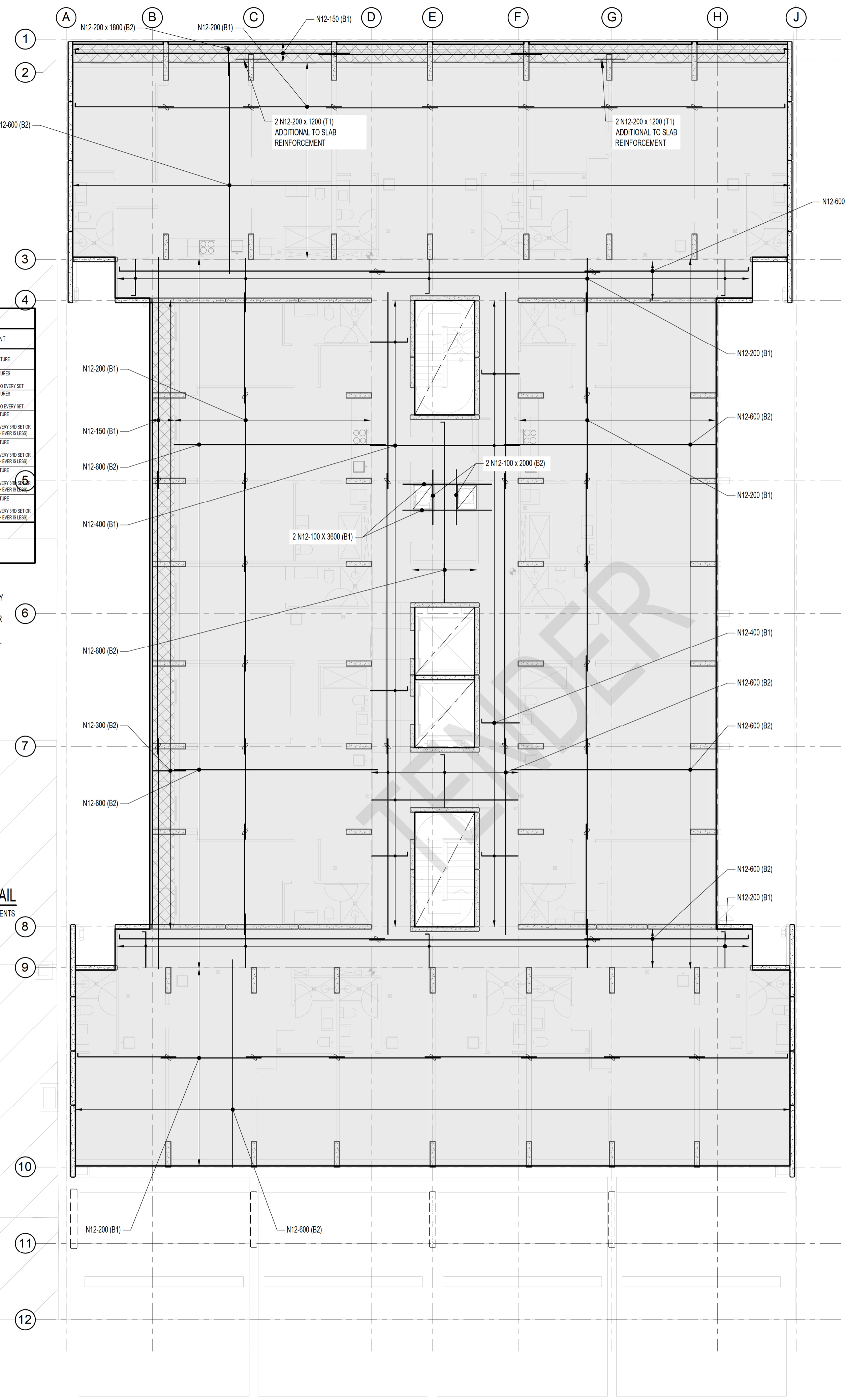
LIGATURE SCHEDULE			
TYPE	PROFILE	LIGATURES PER SET	COMMENT
A		1N12	CLOSED LIGATURE
B		2N12	OPEN LIGATURES N12 CAPPING BAR TO EVERY SET
C		2N12	OPEN LIGATURES N12 CAPPING BAR TO EVERY SET
D		1N12	OPEN LIGATURE N12 CAPPING BAR TO EVERY 3RD SET OR 800 MAX CTRS (WHICHEVER IS LESS)
E		2N12	OPEN LIGATURE N12 CAPPING BAR TO EVERY 3RD SET OR 800 MAX CTRS (WHICHEVER IS LESS)
F		2N12	OPEN LIGATURE N12 CAPPING BAR TO EVERY 3RD SET OR 800 MAX CTRS (WHICHEVER IS LESS)
G		4N12	OPEN LIGATURE N12 CAPPING BAR TO EVERY 3RD SET OR 800 MAX CTRS (WHICHEVER IS LESS)

REFER REINFORCEMENT PLANS FOR EXTENT OF LIGATURES
LIGATURES INDICATED THIS ON PLAN D: 150 / 200 (TYPE - SPACING / EXTENT)
WHERE EXTENT NOT INDICATED, PROVIDE LIGS TO FULL EXTENT OF BEAM
U.N.O. PROVIDE TYPE D LIGS AT 800 CTRS TO SUPPORT TOP REINFORCEMENT

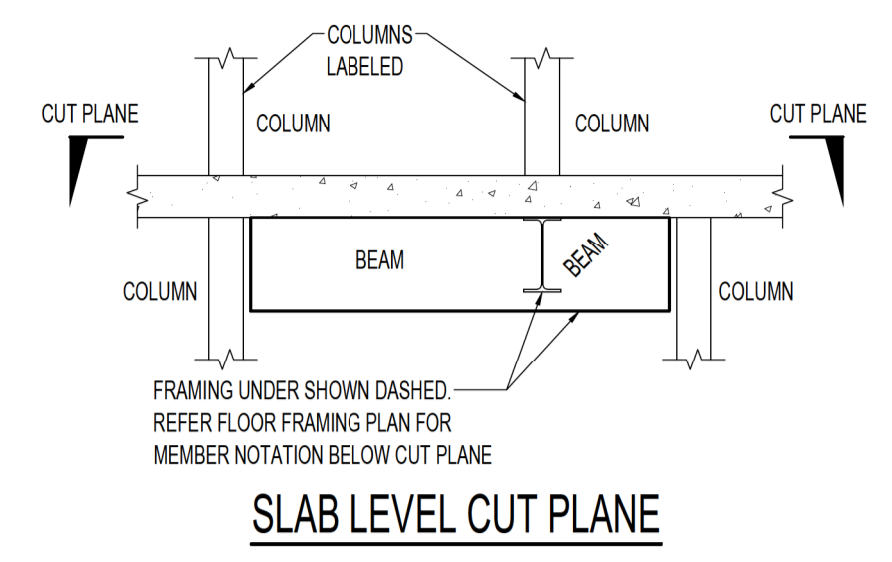


TYPICAL SLAB PENETRATION DETAIL
NOTE: PENETRATIONS ARE NOT PERMITTED THROUGH BEAM ELEMENTS
SCALE 1:50

- LEGEND**
- DENOTES BAR LAP SPLICE. REFER TYPICAL BAR LAP LENGTH TABLES. LAP LENGTH TO BE BASED ON LARGER BAR SIZE. WHERE LAPPING BARS VARY IN SIZE.
 - DENOTES BAR LAP SPLICE OF BARS WITH BARS OF SAME SIZE AND SPACING.
 - DENOTES 2 BARS MATCH SIZE AND SPACING OF LAP SPLICED BAR. COG 300 AT REINFORCEMENT LAYER.
 - DENOTES 1 BARS MATCH SIZE AND SPACING OF LAP SPLICED BAR.
 - DENOTES STANDARD COGS TO BE PROVIDED.
 - DENOTES 1 BARS MATCH SIZE AND SPACING OF LAP SPLICED BAR.
 - DENOTES OFF-FORM FINISH TO SOFFIT.
 - BAR BREAK LINE DENOTES BAR CONTINUES ON SIMILAR TO THAT ALREADY DOCUMENTED FOR SAME ADJACENT BAR TYPE.
 - DENOTES BAR TO CRANK. MAXIMUM 1:6 CRANK.
 - DENOTES BAR LAP SPLICE OF BARS WITH BARS OF SAME SIZE AND SPACING. PROVIDE COG TO END OF UPPER BAR. TYPICAL BAR LENGTH TABLES.
 - DENOTES RIB DIRECTION OF 1.8MM BONDIX FORMWORK. NO PROPPING REQUIRED.
 - DENOTES ALLOWABLE ZONE FOR PENETRATIONS.
 - DENOTES STEP IN TOP OF SLAB.
 - 50mm SET-DOWN IN SLAB. REFER TYPICAL DETAIL.
 - PRECAST REINFORCED CONCRETE WALL OVER.
 - PRECAST REINFORCED CONCRETE WALL UNDER.
 - CONCRETE COLUMNS OVER.
 - CONCRETE COLUMNS UNDER.
 - STEEL COLUMNS OVER.
 - STEEL COLUMNS UNDER.
 - WALL UNDER.
 - WALL OVER.



LEVEL 4 - BOTTOM REINFORCEMENT PLAN
SCALE 1:100



SLAB LEVEL CUT PLANE

T1	TENDER	14/03/2025	L.R.
REV	AMENDMENTS	DATE	INT
PRINTED: 14/03/2025 BY: LEIGH RICHARDSON			
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CLIENT: STUDIO 35 ARCHITECTURE			
DRAWING TITLE: LEVEL 4 - BOTTOM REINFORCEMENT PLAN			
PROJECT TITLE: PROPOSED SERVICED APARTMENT COMPLEX FOR COMMERCIAL CLUB ALBURY AT 652 - 660 DEAN STREET, ALBURY, NSW			
ISSUE STAMP: TENDER			
DESIGN: C. SCHUTT DRAWN: C. SCHUTT			
CHECKED:	SCALE: AS INDICATED	A1	
PROJECT NO: E24160	DRAWING NO: S41	REVISION	T1