

CONCRETE

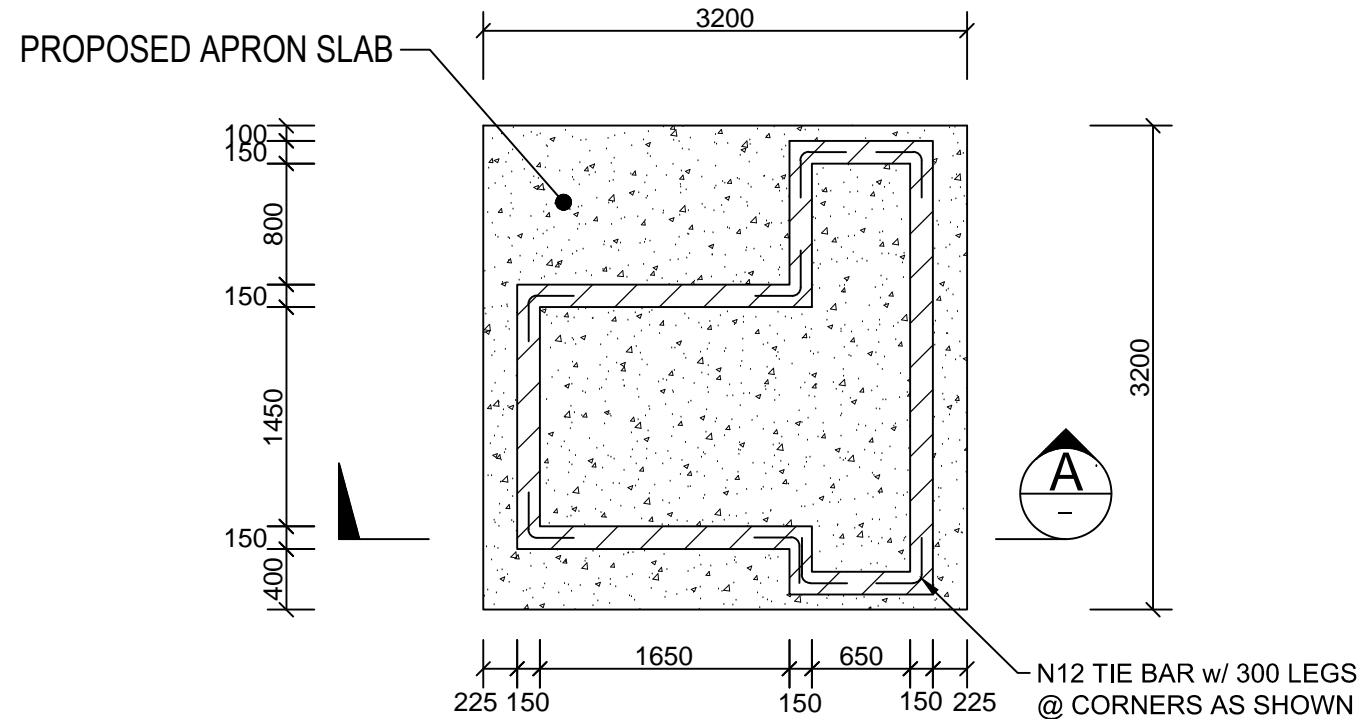
- C1 ALL CONCRETE SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH AS3600. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL CONFORM TO AS3600.
- C2 PROVIDE FORTECON OR EQUIVALENT APPROVED MOISTURE BARRIER TO UNDERSIDE OF SLAB AND RAFT FOOTINGS.
- C3 CONCRETE TO HAVE THE FOLLOWING CHARACTERISTIC STRENGTH AT 28 DAYS.

Exterior Ground Floor Slabs, & Footings	32 Mpa
Elevated Slabs and Beams	32 Mpa
Columns and Beams	32 Mpa

ADDITIVES SHALL NOT BE USED WITHOUT THE CERTIFYING ENGINEERS APPROVAL
- C4. CONCRETE SIZES SHOWN DO NOT INCLUDE INSIDE FINISHES AND SHALL NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE CERTIFYING ENGINEERS APPROVAL
- C5. CONSTRUCTION JOINTS ARE TO BE IN ACCORDANCE WITH AS3700 AND WHERE CONSTRUCTION JOINTS ARE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE CERTIFYING ENGINEER.
- C6. BRICKWORK OR BLOCKWORK SHALL NOT BE BUILT ON SUSPENDED CONCRETE SLABS UNTIL FORMWORK SUPPORTING SAME HAS BEEN REMOVED
- C7. **REINFORCEMENT NOTATION:**
 N DENOTES GRADE D500N HOT ROLLED DEFORMED BAR TO AS/NZ4671
 R DENOTES GRADE R250N HOT ROLLED ROUND BARS TO AS/NZ4671
 W DENOTES GRADE R500L COLD DRAWN ROUND BARS TO AS/NZ4671
 SL DENOTES SQUARE REINFORCING FABRIC TO AS/NZ4671
 RL DENOTES RECTANGULAR REINFORCING FABRIC TO AS/NZ4671
- C8. FORMWORK STRIPPING METHOD AND TIME IS TO BE APPROVED BY THE CERTIFYING ENGINEER. FORMWORK SHALL CONFORM WITH AS1509.
- C9. CURE CONCRETE AT AMBIENT ENVIRONMENT FOR A PERIOD OF 21 DAYS OR UNTIL CONCRETE REACHES 70% OF STRENGTH SPECIFIED. SOME CRACKING OF CONCRETE SLABS IS ANTICIPATED. THIS CRACKING WILL BE NON STRUCTURAL & AESTHETIC IN NATURE.
- C11 BRITTLE FLOOR COVERINGS SHALL NOT BE PLACED WITHIN 3 MONTHS OF THE SLAB BEING CONSTRUCTED. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH AS3600 & AS2870.

LEGEND

- PROPOSED CONCRETE FUEL BUND
- PROPOSED 150mm HIGH CONCRETE BUND NIB



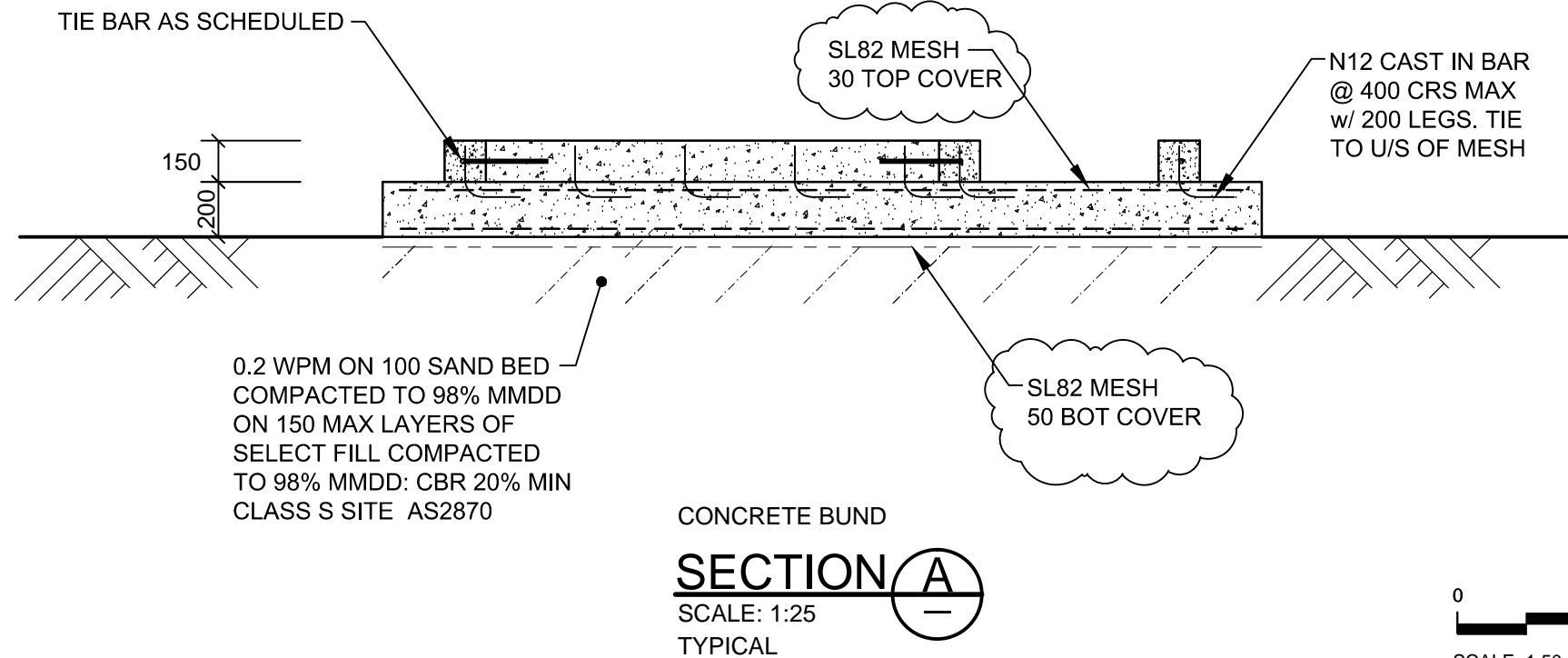
FLOOR PLAN

SCALE 1:50

FILL MATERIAL AND COMPACTION

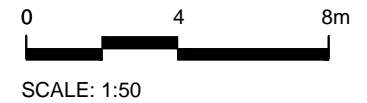
- F1 SELECT FILL SHALL BE A DECOMPOSED GRAVEL OR BROKEN ROCK, FREE FROM CLAY LUMPS & ORGANIC MATTER, CONFORMING TO THE FOLLOWING SPECIFICATION:

AS Metric Sieve (mm) % passing by weight
75 -100%
9.53 - 30-100%
2.3615 - 15-65%
0.0755 - 5-25%
Linear Shrinkage 2% - 8%
- F2 PRIOR TO PLACEMENT OF FILL (OR COMPACTION OF APPROVED NATURAL MATERIAL) THE AREA OF THE WORKS (MIN 1m BEYOND PERIMETER OF SLABS) SHALL BE CLEARED AND STRIPPED OF ALL TOPSOIL AND DELETERIOUS MATERIALS. FILL TO BE COMPACTED IN 150mm LAYERS TO 95% MMDD
- F3 CONCRETE SHALL BE POURED AGAINST UNDISTURBED FOUNDATION MATERIAL. BACKFILL OVER EXCAVATION WITH LEAN MIX CONCRETE.
- F4 REFER AS2870 AUSTRALIAN STANDARDS RESIDENTIAL SLABS & FOOTINGS CONSTRUCTION FOR ALL REQUIRED FILL



SECTION A

SCALE: 1:25
TYPICAL



No.	DESCRIPTION	DATE	NAME	DEPT./COMPANY.
A1	Replace SL92 mesh with SL82 mesh ISSUE FOR STRUCTURAL APPROVAL	03-09-2017	MC	NTCE
		01-09-2017	MC	NTCE
AMENDMENTS				

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DRAWN OATS DATE 03-09-2017	CHECKED MC DATE 03-09-2017
DESIGNED MC DATE 03-09-2017	CHECKED AH DATE 03-09-2017
STRUCTURALLY CONCURRED 21/03/05	PROJECT OFFICER G.BROOKHOUSE DATE 03-09-2017

FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.	SHEET SIZE
-	-	1 of 1	U123457-S1	A1	A3

PROPOSED CONCRETE SLAB & NIB BUND
TINDAL RAAF SEB

FLOOR PLAN & SECTION A