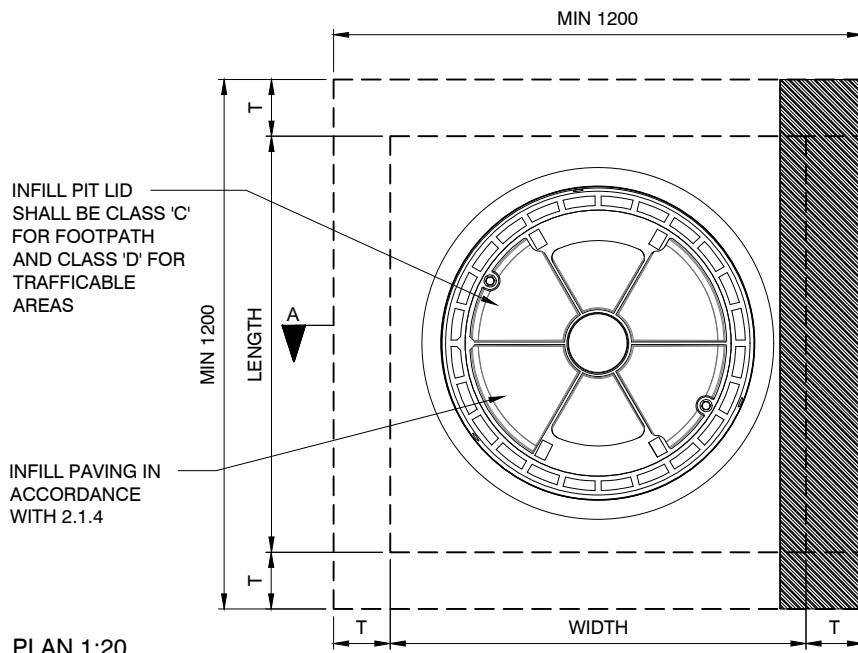


MANHOLE COVER AND FRAME

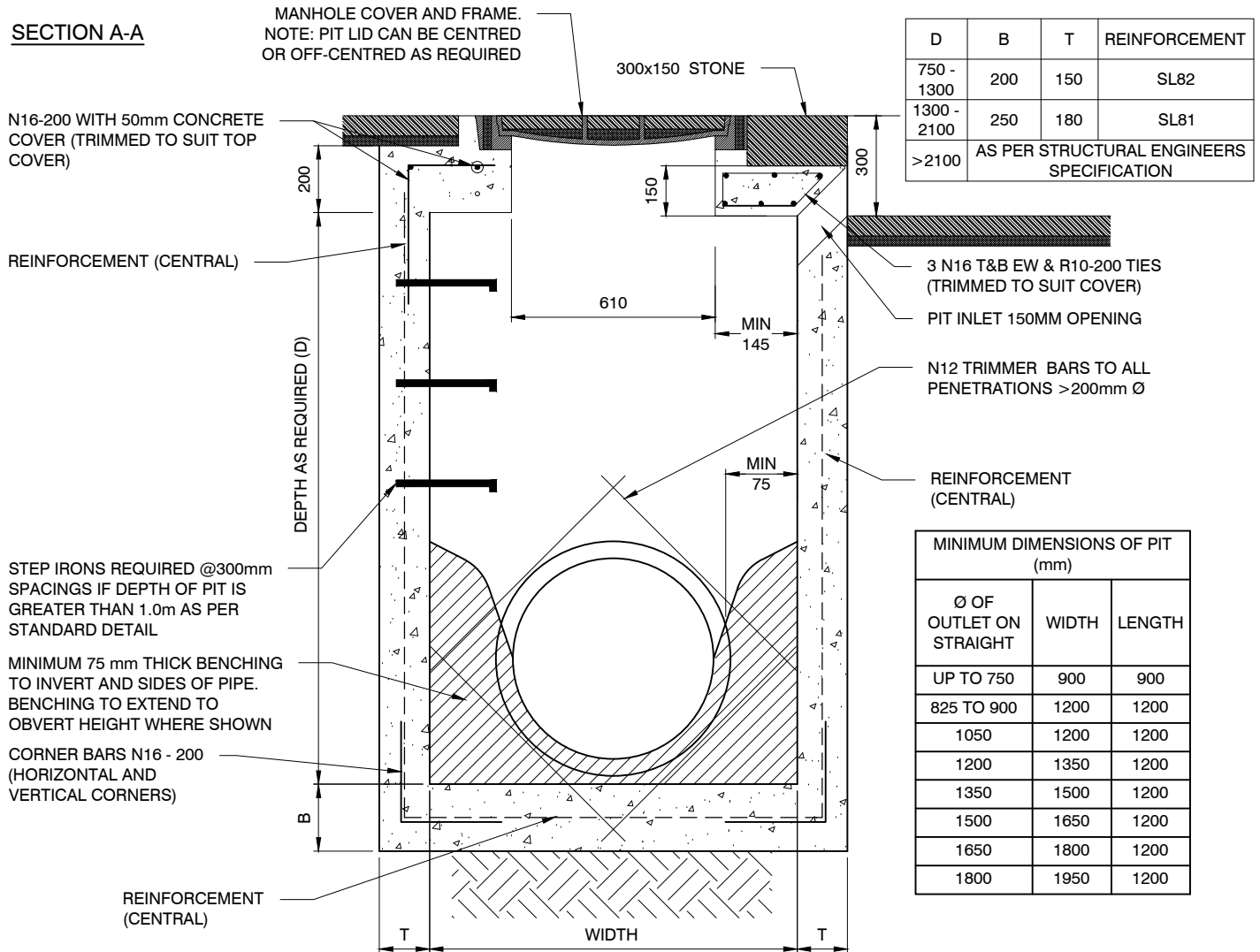


PLAN 1:20

NOTES:

1. CONCRETE STRUCTURES & REINFORCEMENT TO COMPLY WITH AS 3600, AS 4671 & CoS TECHNICAL SPECIFICATIONS.
2. ALL REINFORCEMENT TO BE GRADE 500
3. COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS TO BE 32MPa.
4. ALL REINFORCEMENT SHALL BE PLACED IN MID-SECTION UNO. OTHERWISE MIN CONCRETE COVER SHALL BE 40mm
5. FOR ANY PENETRATION THROUGH WALLS AND SLABS GREATER THAN 200 SPACING, PROVIDE N12 TRIMMER BARS AND ADDITIONAL N12 REPLACEMENT BARS ON EACH SIDE.
6. LAP LENGTH IS TO BE MINIMUM 40 x BAR Ø UNLESS NOTED OTHERWISE.
7. 100mmØ SUBSOIL DRAINAGE PIPE 3.0m LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED IN PIPE TRENCHES ADJACENT TO INLET PIPES.
8. PROVIDE STEP IRONS FOR PITS DEEPER THAN 1.0 m IN ACCORDANCE WITH STANDARD STEP IRONS DRAWING.
9. GRATES SHALL BE BICYCLE SAFE AND HAVE MAXIMUM INLET CAPACITY. ALL GRATES MUST BE APPROVED BY THE CITY'S REPRESENTATIVE.
10. DRAINAGE PIPE TO BE MINIMUM 375Ø CLASS 4 REINFORCED CONCRETE PIPE.
11. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

SECTION A-A



SECTION 1:20