



1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEERS AND SERVICES DRAWINGS AS WELL AS SPECIFICATION.

2. ANY DISCREPANCIES AND AMBIGUITIES ON THE ENGINEERS DRAWINGS TO BE REPORTED IMMEDIATELY BY MEANS OF AN RFI (REQUEST FOR INFORMATION).

3. LEVELS AND DIMENSIONS TO BE CHECKED BEFORE ANY WORK COMMENCES. DIMENSIONS ARE NOT TO BE SCALED.

4. GENERALLY ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH EITHER THE CONTRACT SPECIFICATIONS, SANS 1200, SANS 0100 OR SANS 0161.

5. ALL REINFORCEMENT STEEL TO BE CHECKED BY THE ENGINEER BEFORE ANY CONCRETE IS CAST. ENSURE THAT THE ENGINEER IS NOTIFIED OF THE INSPECTION DATE IN REASONABLE TIME BEFORE THE CAST TO ALLOW FOR TRAVEL ARRANGEMENTS.

6. CONCRETE STRENGTH TO BE AS FOLLOWS, UNLESS OTHERWISE INDICATED:

|        |                      |
|--------|----------------------|
| 10 MPa | BLINDING:            |
| 30 MPa | R.C. STRIP FOOTINGS: |
| 30 MPa | R.C. BASES:          |
| 20 MPa | SURFACE BED:         |
| 30 MPa | STUB COLUMNS:        |
| 15 MPa | APRON:               |
| 30 MPa | BEAMS:               |

THE ABOVE MENTIONED STRENGTH IS TO BE ACHIEVED AT 28 DAYS WITH 19mm APPROVED STONE

7. UNLESS OTHERWISE INDICATED, THE MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE:

|            |                      |
|------------|----------------------|
| 30mm       | STUB COLUMNS:        |
| 50mm       | STRIP FOOTING        |
| 50mm       | BASES:               |
| 25mm (TOP) | SURFACE BED & APRONS |

8. ALL CONCRETE TO BE MOIST CURED FOR MINIMUM OF 7 DAYS AFTER FINAL SET OF CONCRETE USING A METHOD APPROVED BY THE ENGINEER.

9. NO HOLES OR CHASES SHALL BE CUT OR FORMED IN CONCRETE UNLESS INDICATED ON DRAWINGS, DETAILED IN SPECIFICATIONS OR APPROVED BY ENGINEER.

10. NO CONDUITS, PIPES OR ELECTRICAL OR MECHANICAL EQUIPMENT SHALL BE CAST INTO CONCRETE UNLESS INDICATED ON DRAWINGS, DETAILED IN SPECIFICATIONS OR APPROVED BY ENGINEER.

11. STRIPPING OF FORMWORK AS PER SPECIFICATION AND ONLY WITH APPROVAL OF ENGINEER. STRIPPING OF SHUTTERING CAN TAKE PLACE AFTER 14 DAYS, UNLESS OTHERWISE INDICATED. BACK PROP TO BE IN PLACE FOR A MINIMUM OF 28 DAYS.

12. FINISHES OF CONCRETE ACCORDING TO ARCHITECT'S SPECIFICATIONS.

13. BRICKFORCE AT EVERY 4TH COURSE

14. MIN BEARING CAPACITY 150kPA

1. DO NOT SCALE THIS DRAWING.
2. WORK IN FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES ON THIS DRAWING TO BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO IMPLEMENTATION OF ANY WORK.
3. STEEL REINFORCING SHALL COMPLY WITH SANS 920.
4. BENDING OF STEEL REINFORCING SHALL COMPLY WITH SANS 282.
5. MINIMUM LAPS IN REINFORCEMENT TO BE 50 X BAR DIAMETER UNLESS SHOWN OTHERWISE.
6. REINFORCEMENT THAT IS TOO LONG SHOULD BE 'PULLED' INTO SLAB RATHER THAN CUTTING IT.
7. STOOLS AT 1000MM CENTRES BOTH WAYS ARE TO SIT ON THE B1 LAYER AND ARE TO SUPPORT THE T2 LAYER UNLESS SHOWN OTHERWISE.
8. COVER TO REINFORCEMENT TO BE 30MM UNLESS SHOWN OTHERWISE.
9. ALL BARS REFERRED TO AS DOWEL BARS ARE TO BE GROUTED 150 MM INTO CONCRETE USING HILTI HIT RE 500.

BAR PLACEMENT

CENTRES

BAR MARK

BAR TYPE AND DIAMETER

NUMBER OF BARS



**public works & infrastructure**  
Department of  
Public Works & Infrastructure  
FREE STATE PROVINCE



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|                     |
|---------------------|
| PROJECT DESCRIPTION |
| TROMPSBURG SCHOOL   |

|               |                         |            |
|---------------|-------------------------|------------|
| STATUS LEGEND |                         | SHEET SIZE |
| I             | = INFORMATION           | A1         |
| CV            | = CONCEPT AND VIABILITY | SCALE      |
| D             | = DESIGN DEVELOPMENT    |            |
| T             | = TENDER                |            |
| C             | = CONSTRUCTION          |            |
| AB            | = AS BUILT              | AS SHOWN   |

| DISCIPLINE | PROJECT NUMBER     | STATUS | REVISION |
|------------|--------------------|--------|----------|
| STRUCTURAL | CE00092-ST-ABW-301 | T      | 0        |

**FOR  
TENDER**