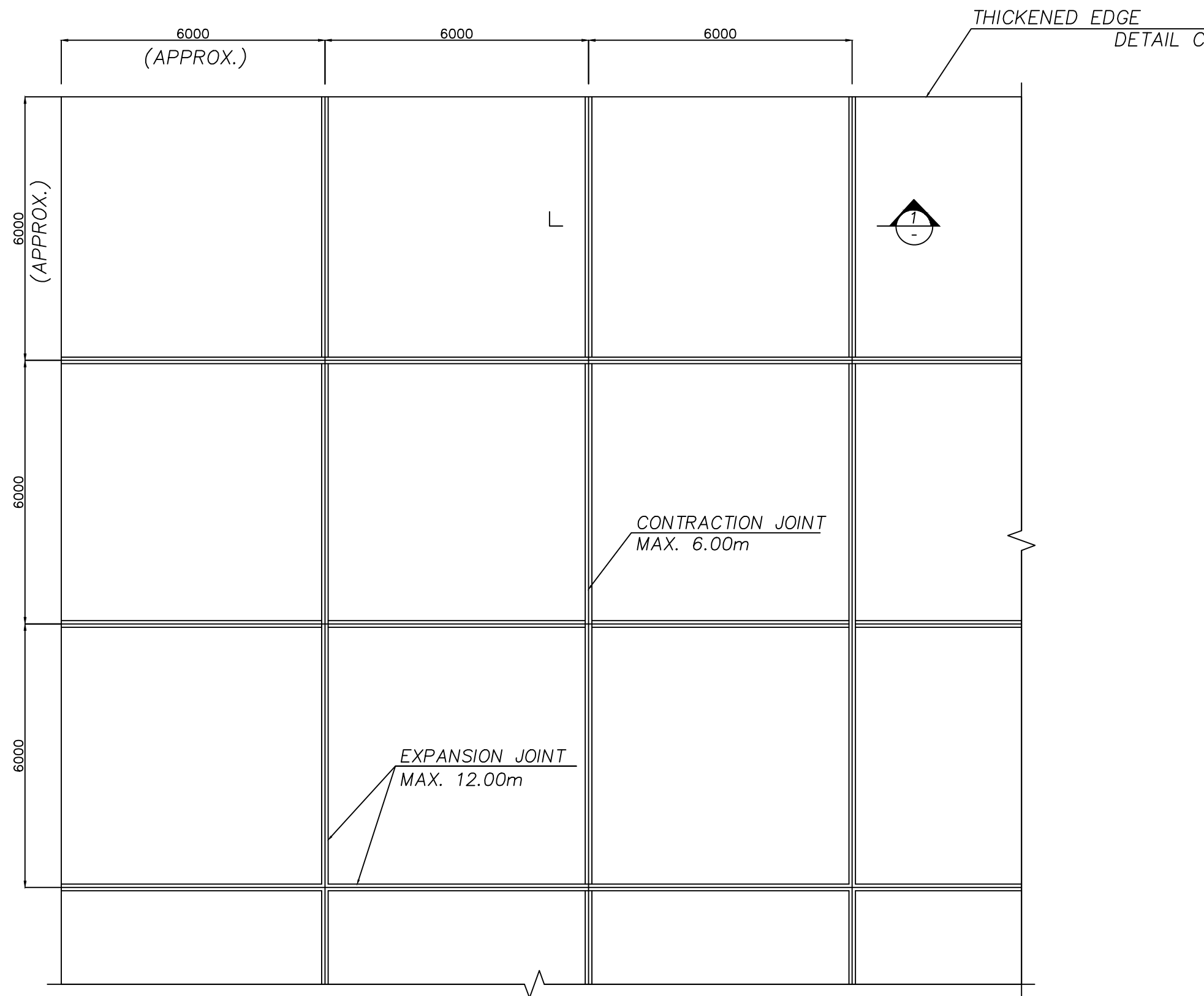


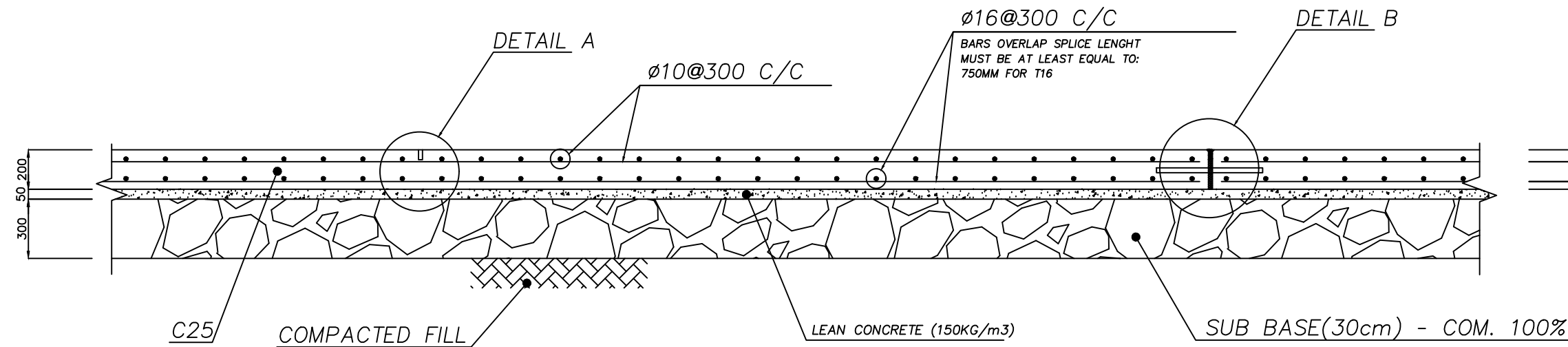
JOINTED REINFORCED CONCRETE PAVEMENT (J.R.C.P.)

FOR JOINTED REINFORCED CONCRETE PAVEMENT WITH STEEL REINFORCEMENT, CONTRACTION JOINTS, AND EXPANSION JOINTS AS DETAILED IN THE DRAWINGS.
HIGHLIGHTED AREA WITH CONCRETE PAVING HATCH IN SHEET NUMBER 157DCGS0060101-00



TYPICAL JOINT ARRANGEMENT FOR CONCRETE PAVING

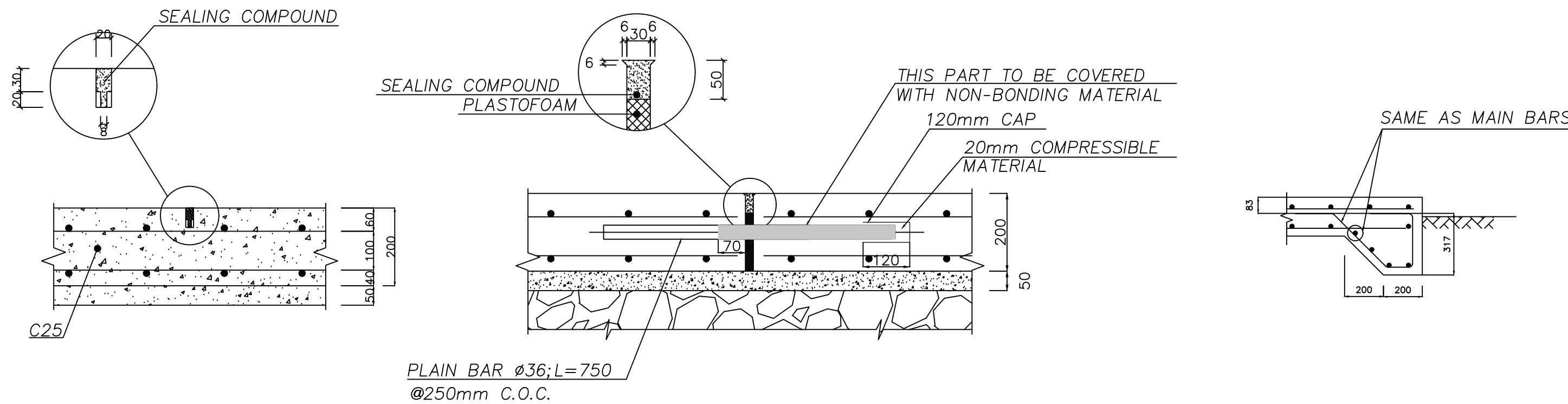
SC.1:100



SECTION 1-1

SC.1:25

CONCRETE PAVEMENT DETAIL



CONTRACTION JOINT DETAIL

SC.1:10

DETAIL A

EXPANSION JOINT DETAIL

SC.1:10

DETAIL B

THICKENED EDGE DETAIL

SC.1:20

DETAIL C

REFERENCE DOCUMENTS

No.

LEGEND :

NOTES:

- ALL DIMENSIONS ARE IN mm OTHERWISE MENTIONED.
- THE CONTRACTOR SHALL CHECK ALL DIMENSIONS ,CHANNEL LEVELS ,ROAD LEVELS AND GRADING LEVELS PRIOR TO EXECUTION OF ANY EARTH WORKS.
- THE CONTRACTOR SHALL TAKE INTO CONSIDERATION ALL THE NECESSARY ACTIVITIES TO BE ABLE TO DRAIN ALL THE SURFACE WATER BASED ON LEVELING DOCUMENTS.
- ROAD GEOMETRY DESIGN AND SITE PLAN IS IN ACCORDANCE WITH THE LATEST REVISION OF ARCHITECTURAL LAYOUT.
- IN ORDER TO PROVIDE CHANNEL DEPTHS, APPROPRIATE BACK FILL HEIGHT IS NEEDED ON SIDE OF ALL THE CHANNELS BANK.
- ALL THE EARTHWORKS SHALL BE DONE BASED ON " ROAD GENERAL TECHNICAL SPECIFICATION (2ND EDITION) (No.101_R2) "
- THE CONTRACTOR SHALL RECORD ALL THE SOIL LAYER HEIGHTS AND VOLUMES BASED ON VISUAL CLASSIFICATION OF THE SOIL DURING EXCAVATION AT THE VERY AREA.
- CONTRACTOR HAS FULL RESPONSIBILITY IN CHECKING ALL DIMENSIONS AND QUANTITIES IN CONJUNCTION WITH OTHER DRAWINGS, SUCH AS PIPING, MECHANICAL, ELECTRICAL, SANITARY AND STRUCTURAL DETAILS PRIOR TO CONSTRUCTION.
- THE SUPER ELEVATION DETAILS AND RELATED CONSTRUCTION LEVELS ARE IN ACCORDANCE WITH THE CROSS SECTION DOCUMENTS. A CORRECTION IS NEEDED ON CROSS SLOPES OF THE ROAD INTERSECTIONS AND IN THE HORIZONTAL CURVES.
- ALL REINFORCED CONCRETE PAVEMENT WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT DRAWINGS, TECHNICAL SPECIFICATIONS, AND THE ENGINEER'S INSTRUCTIONS.
- THE SUBGRADE AND BASE LAYERS SHALL BE PROPERLY COMPACTED, LEVELED, AND CLEANED BEFORE CONCRETE PLACEMENT.
- REINFORCEMENT SHALL BE PLACED ACCORDING TO THE DRAWINGS WITH PROPER SPACING, ALIGNMENT, AND CONCRETE COVER USING SUITABLE SPACERS.
- CONCRETE SHALL MEET THE SPECIFIED STRENGTH AND QUALITY REQUIREMENTS. SLUMP AND WATER/CEMENT RATIO SHALL BE CONTROLLED TO PREVENT SEGREGATION.
- CONTRACTION JOINTS SHALL BE SAW-CUT AT THE LOCATIONS SHOWN IN THE DRAWINGS. SAW-CUT DEPTH SHALL BE APPROXIMATELY 1/4 TO 1/3 OF THE SLAB THICKNESS.
- EXPANSION JOINTS SHALL BE INSTALLED WHERE INDICATED IN THE DRAWINGS AND FILLED WITH APPROVED COMPRESSIBLE FILLER AND SEALANT.
- CONCRETE SURFACE SHALL BE PROPERLY FINISHED AND TEXTURED WHERE REQUIRED TO PROVIDE ADEQUATE SKID RESISTANCE.
- THE PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL THE CONCRETE HAS ACHIEVED THE REQUIRED STRENGTH AND APPROVAL IS GIVEN BY THE ENGINEER.
- SUPERELEVATION SHALL BE PROVIDED IN ACCORDANCE WITH THE TYPICAL CROSS SECTIONS SPECIFIED FOR EACH ROAD TYPE IN THE DRAWINGS. SPECIFIED FOR EACH ROAD TYPE IN THE DRAWINGS.

KEY PLAN

for TENDER DOCUMENT
