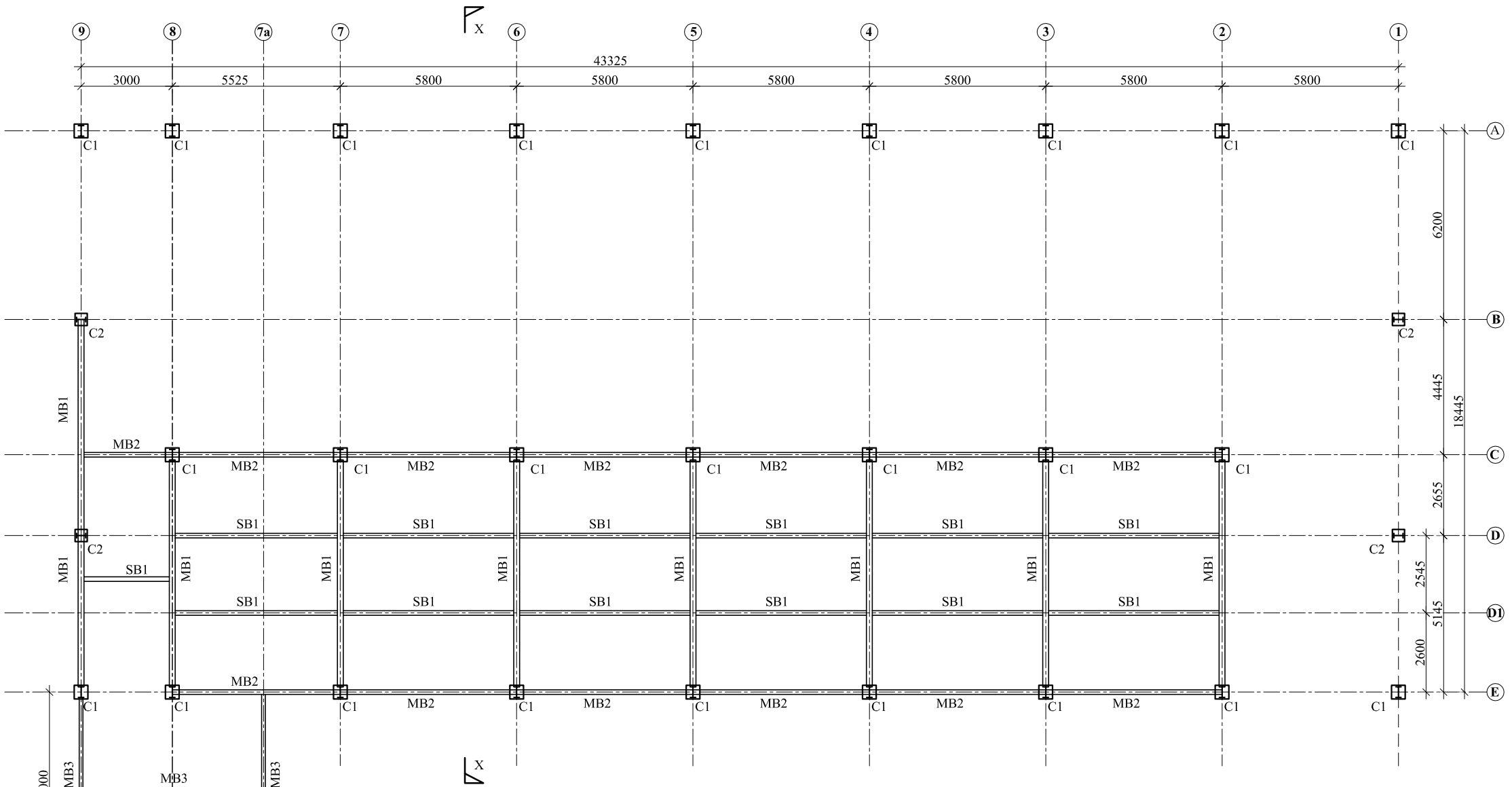
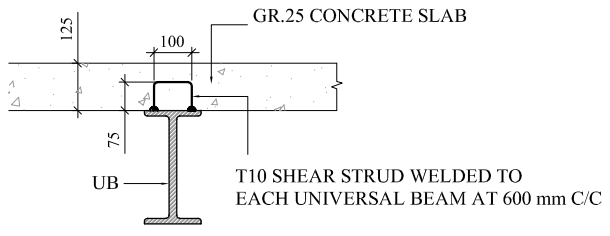


BEAM LAYOUT

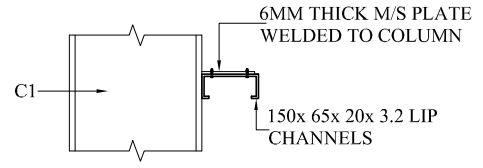
NOTE:
MB1 - 460 x 190 x 82 kg/m (I SECTION)
SB1/MB2 - 300 x 150 x 32 kg/m (I SECTION)
MB3 - 250 x 124x 25.7 kg/m (I SECTION)



TYPICAL SHEAR STUD DETAIL
FOR MB1, MB2 & SB1
SCALE 1:20

SPECIAL NOTES:

1. ALL DIMENSIONS SHALL BE CHECKED WITH ACTUAL SITE MEASUREMENTS AND ARCHITECTURAL DRAWINGS. IF ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.
2. ALL STEEL COLUMNS TO BE CUT CONSIDERING ROOF TOP LEVEL AND ARCHITECTURAL DRAWINGS.
3. CONSTRUCTION LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE METER (4kN/m²)
4. SHEAR STUDS SHALL BE PROVIDED AS SHOWN IN THE DETAIL FOR EACH FLOOR BEAMS AT 600 mm SPACING.
5. STEEL PURLING SHOULD BE COLD ROLLED FROM HIGH STRENGTH GALVANIZED (ZINC COATED) STEEL OF MINIMUM YIELD STRESS 450MPa, MINIMUM AVERAGE COATING MASS 100g/m²



DETAIL AT "S"
SCALE 1:20

PROJECT-:

PROPOSED INJECTION MOULDING FACTORY FOR ANTE LECO METERING COMPANY AT BANDARAGAMA

TITLE

BEAM LAYOUT & FIXING DETAILS

NOTES

THIS DRAWING MUST NOT BE COPIED OR USED BY OTHERS WITHOUT THE WRITTEN CONSENT OF ARCHITREND CONSULTANTS.

ALL DIMENSION ARE IN MILLIMETERS

DESIGNATION	NAME	
Principal Architect	L.S. Perera	
Structural Engineer	M.D. Padmasiri	
Drawn by	SMS	
Checked by		
Drawing No	AT/LECO/BAN/441/TEND/ST/04	
Drawing Path	—	
Date 27-April-2016	Issued Date	Scale NTS
REVISION	Date —	Drawn by —
Revise Drawing No	— — —	
Applicant Signature		

Sheet no -:
04 ST

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