

PROJECT:-
PROPOSED
INJECTION MOULDING
FACTORY FOR
ANTE LECO METERING
COMPANY AT
BANDARAGAMA

TITLE
COLUMNS & FOOTINGS
DETAILS

NOTES

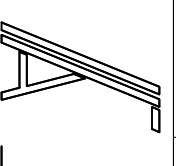
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ALL DIMENSION ARE IN MILLIMETERS

| | | |
|---------------------|--------------------------|----------|
| DESIGNATION | NAME | |
| Principal Architect | L.S. Perera | |
| Structural Engineer | M.D. Padmasiri | |
| Drawn by | SMS | |
| Checked by | | |
| Drawing No | ATTECOBAN/4417/END/ST/02 | |
| Drawing Path | | |
| Date | 27-April-2016 | |
| Issue Date | Scale | |
| 27-April-2016 | NTS | |
| REVISION | Date | Drawn by |
| Revise Drawing No | | |
| Applicant Signature | | |

Sheet no :-

02 ST



ARCHITREND CONSULTANTS

Chartered Architects, Engineers,
Quantity Surveyors &
Interior Designers.

No.35,

Vihara Mawatha,

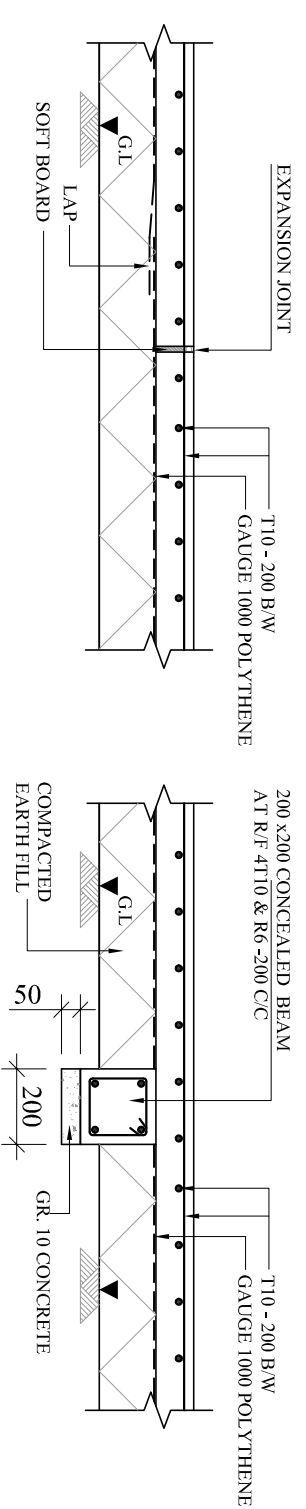
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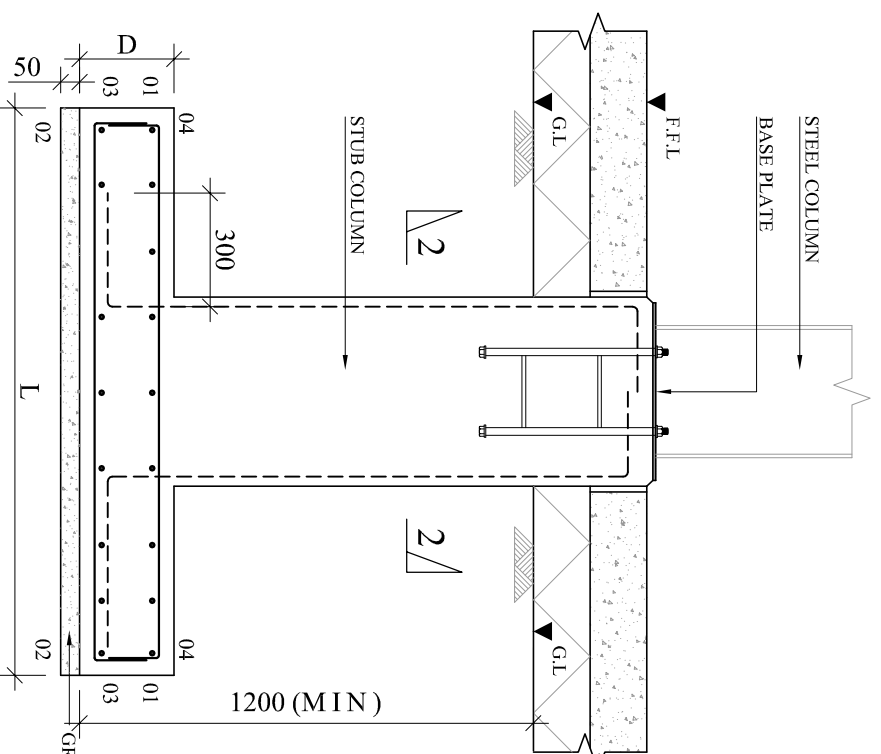
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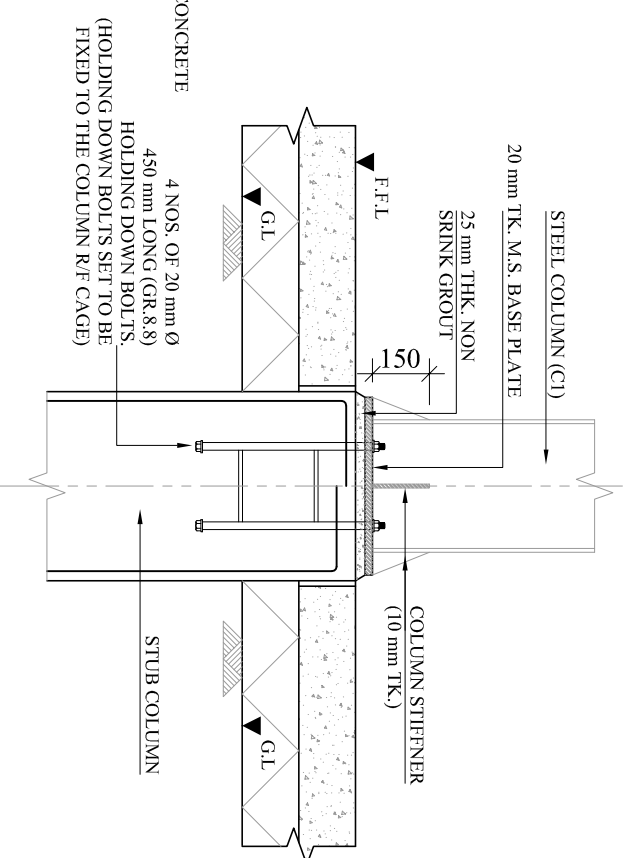


DETAIL OF FLOOR CONCRETE
SCALE 1:20

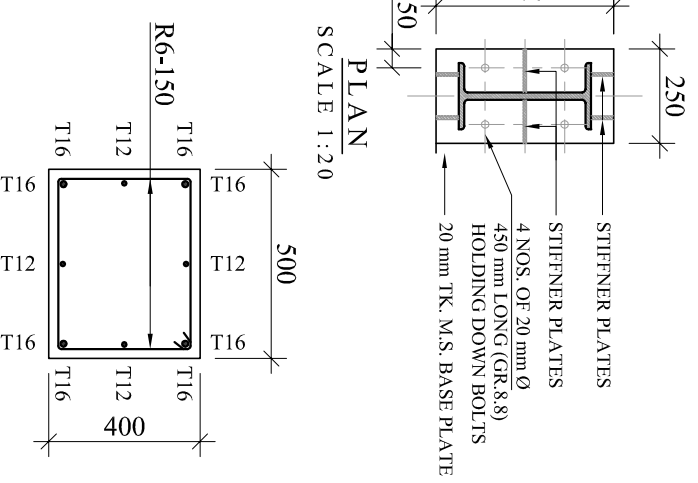
DETAIL OF C.B.I
SCALE 1:20



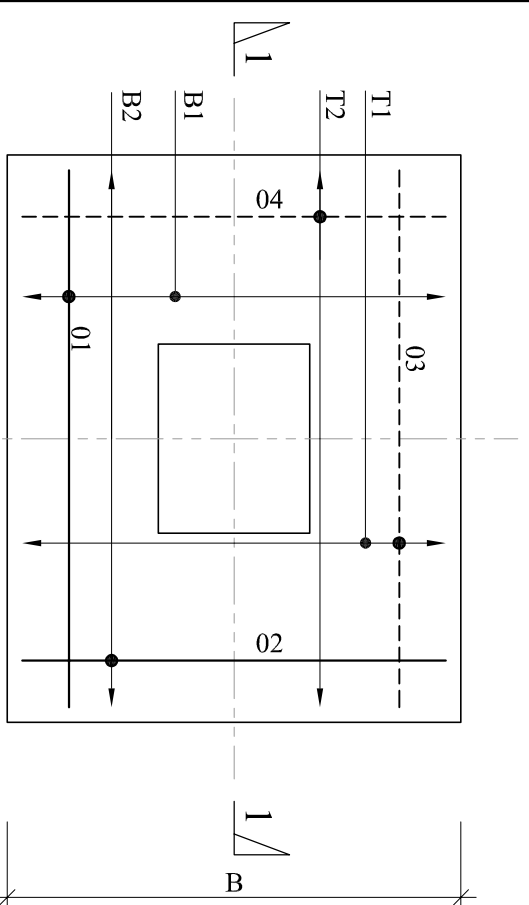
SECTION 1-1



STEEL COLUMN CONNECTION TO R.C. STUB COLUMN
SCALE 1:20



SECTION 2-2
SCALE 1:20



TYPICAL PLAN
SCALE 1:20

| FOOTING DETAILS | | | | | | | |
|-----------------|------|------|-----|-------------|--------------|-------------|--------------|
| TYPE | L | B | D | B1 | B2 | T1 | T2 |
| F1 | 1500 | 1200 | 275 | 7T12-01-200 | 9T12-02-200 | 7T10-03-200 | 9T10-04-200 |
| F2 | 1200 | 1200 | 250 | 7T12-01-200 | 7T12-02-200 | 7T10-03-200 | 7T10-04-200 |
| F3 | 1800 | 1200 | 300 | 7T12-01-150 | 13T12-02-150 | 7T10-03-150 | 13T10-04-150 |
| F4 | 600 | 600 | 150 | 5T10-01-150 | 5T10-02-150 | | |

NOTES:

1. REFERENCE DRAWINGS:
- 2 REINFORCEMENT NOTATION
T- DENOTES HIGH YIELD R/F TO BS4449 , Fy= 460N/mm²
R- DENOTES MILD STEEL R/F TO BS4449 , Fy= 250N/mm²
SEQUENCE OF DESCRIPTION IS AS FOLLOWS:
4T12-04-200 DENOTES 4 NOS. OF HIGH YIELD BARS, 10mm DIA., BAR MARK 04,
SPACED AT 200 Cts.
3. CLEAR COVER TO R/F SHOULD BE 50 MM FOR PILES & PILE CAPS, 40 MM FOR PLINTH BEAMS
4. LAP LENGTH SHOULD BE 57 x BAR DIA.
5. CHARACTERISTIC CUBE STRENGTH OF CONCRETE SHOULD BE NOT LESS THAN 30N/mm² AT 28 DAYS.
6. ANCHORAGE TO BE PROVIDED TO BARS AT BEAM EDGES.
7. 15mm EXPANSION JOINTS AT EVERY 6m