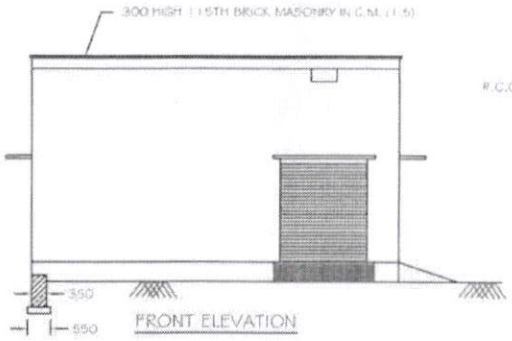
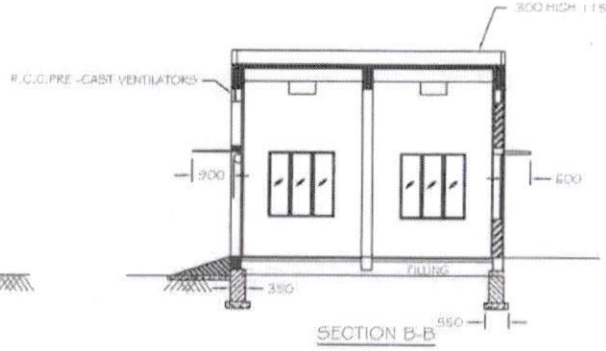
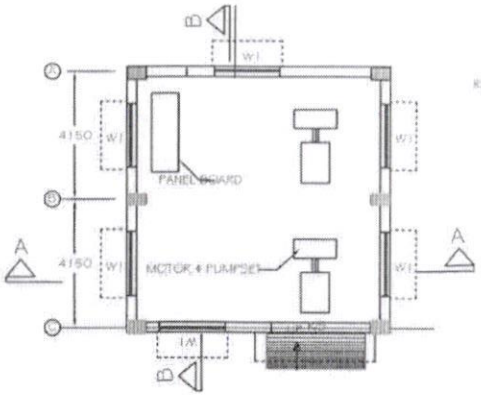
6 X 8 M PUMP HOUSE

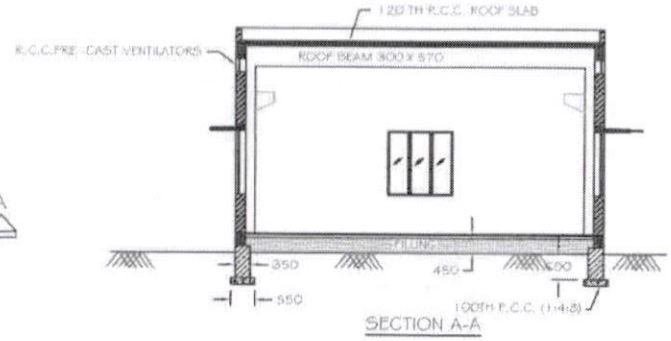


FRONT ELEVATION



SECTION B-B





SECTION A-A

1) ALL DIMENSIONS ARE IN mm.
2) ALL LEVELS ARE IN METRE.
3) ALL R.C.C WORK IN M20 GRADE(DESIGN MIX).
4) STEEL REINFORCEMENT OF H.Y.S.D. BARS GRADE Fe 415.
5) FOOTINGS DESIGNED FOR A.S.B.C. OF 15 TONS/SQ.M.
6) P.C.C. BELOW FOOTINGS IN C.C.(1:4:8).
7) BASEMENT WALL IN R.R. MASONRY IN C.M.(1:4) POINTED WITH C.M.(1:5).
8) 230 TH BRICK MASONRY WALL IN C.M.(1:6).
9) PARAPET 115 TH BRICK MASONRY WALL IN C.M.(1:5).
10) FLOORING:
BED CONCRETE 100TH IN P.C.C.(1:3:6).
FINISHING WITH 12MM TH CEMENT MORTAR IN C.M.(1:3).
11) PLASTERING :
INTERNAL WALLS - 12 TH IN C.M.(1:5) SPONGE FINISH.
EXTERNAL WALLS - 20 TH IN C.M.(1:5) SPONGE FINISH.
CEILING - 12 TH IN C.M.(1:4).
12) PAINTING :
INTERNAL WALLS - O.B.D IN 2 COATS OVER PRIMARY COAT.
EXTERNAL WALLS - SNOW CEM IN 2 COATS OVER PRIMARY COAT.
CEILING - WHITING WITH SURYACEM IN 2 COATS.
WINDOWS & DOORS - SYENTHETIC ENAMEL PAINT IN 2 COATS OVER PRIMARY COAT.
13) ROOF FINISHING.
20 TH IMPERVIOUS COST IN C.M. (1:3).
14) ROLLING SHUTTERS 2000 X 2400 (1NO.)
15) STEEL GLAZED WINDOWS 1500 X 1500 (1 NO.)
16) R.C.C. PRE-CAST VENTILATORS 600 X 100 (12 NO.)
17) 100 DIA P.V.C WATER SPOUTS (AT 5 LOCATIONS).
18) CHAIN PULLEY BLOCK, 3 TON CAPACITY - 1 NO.

NOTE:
*** PUMPSETS FOUNDATIONS SHALL BE PROVIDED AS PER RECOMENDATIONS OF PUMPS MANUFACTURERS.

Asst. Executive Engineer

Dy. Executive Engineer

27.2.19

Assistant Engineer-II,
RWS&S, Gollapudi
Vijayawada

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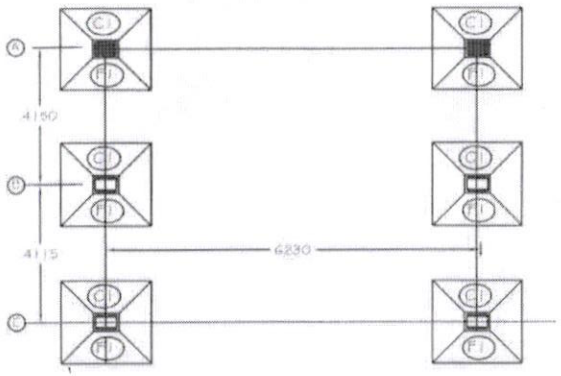
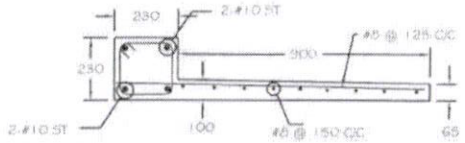
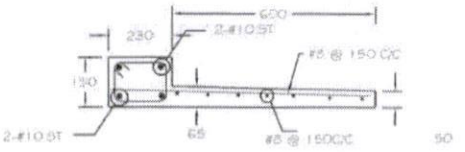
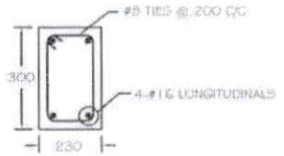




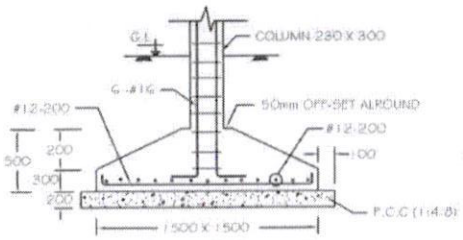
LINTEL & SUNSHADE OVER R/S)



LINTEL & SUNSHADE OVER WINDOWS)

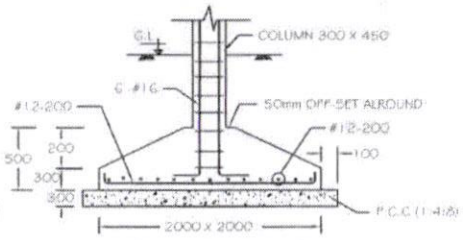


COLUMN (230X300)



COLUMN FOOTING (F1)

SBC-10t/sqm



COLUMN FOOTING (F1)

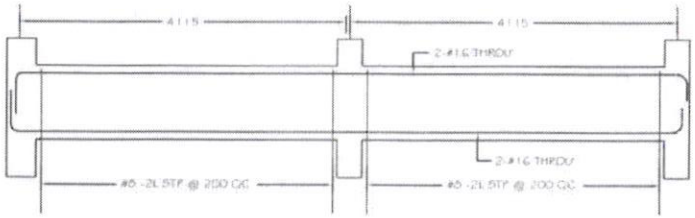
SBC-5t/sqm

NOTE:
1) ALL DIMENSIONS ARE IN mm.
2) ALL R.C.C WORK IN M20 GRADE(DESIGN MIX).
3) STEEL REINFORCEMENT OF H.Y.S.D. BARS GRADE Fe 415.
4) CLEAR COVER TO REINFORCEMENT:
   a) FOOTING : 50mm to BOTTOM MOST REINFORCEMENT.
   b) COLUMN : 40mm to TIES.
   c) BEAMS : 25mm to STIRRUPS.
5) LAP LENGTHS:
   a) IN COMPRESSION : 45 DIA.
   b) IN TENSION : 55 DIA.
   c) ALL LAPS SHOULD BE STAGGERED.
6) WORK SHOULD BE CARRIED OUT AS PER I.S CODE 456-2000.

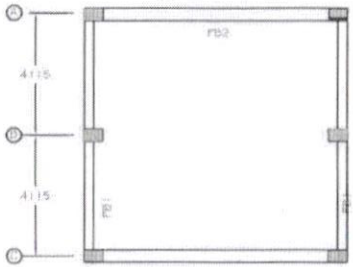
POR
Asst. Executive Engineer

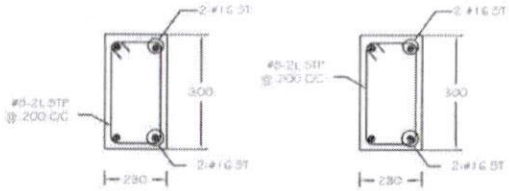
27.2.18
Dy. Executive Engineer

Superintending Engineer-II,
RWS&S, Gollapudi
Vijayawada

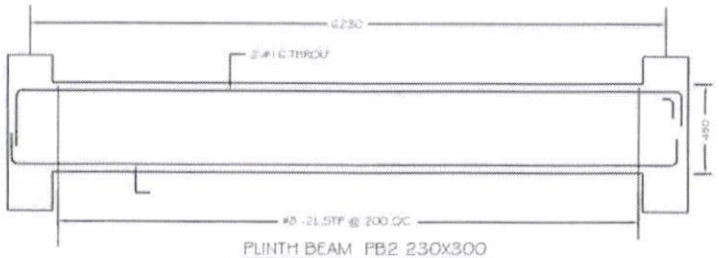


PLINTH BEAM PB1 230X300

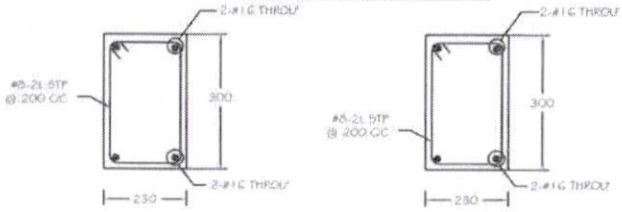




SECTION 2-2 SECTION 1-1



PLINTH BEAM PB2 230X300



SECTION 1-1 SECTION 1-1

NOTE:
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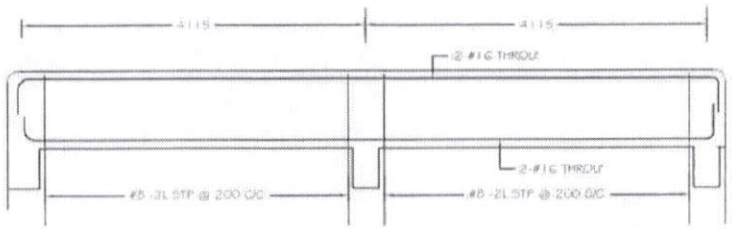
3) STEEL REINFORCEMENT OF H.Y.S.D. BARS GRADE Fe 415.
4) CLEAR COVER TO REINFORCEMENT:
   a) FOOTING : 50mm to BOTTOM MOST REINFORCEMENT.
   b) COLUMN : 40mm to TIES.
   c) BEAMS : 25mm to STIRRUPS.
5) LAP LENGTHS:
   a) IN COMPRESSION : 48 DIA.
   b) IN TENSION : 55 DIA.
   c) ALL LAPS SHOULD BE STAGGERED.
6) WORK SHOULD BE CARRIED OUT AS PER I.S.CODE 456-2000.

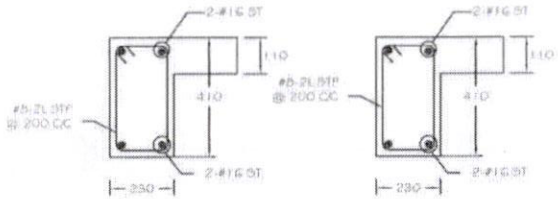
Asst. Executive Engineer

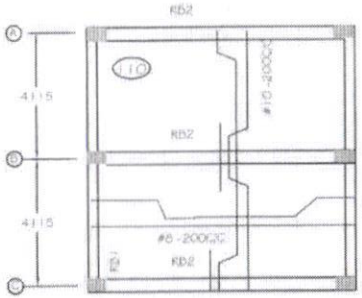
27-2-19
Dy. Executive Engineer

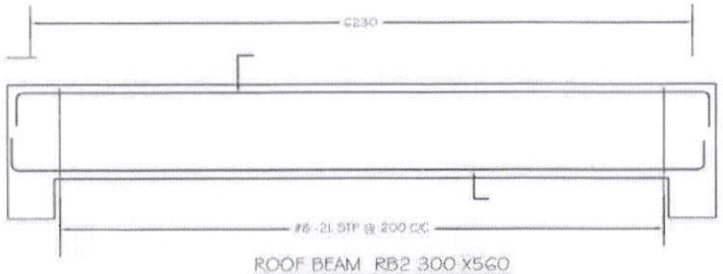
Chief Engineer-II,
RWS&S, Gollapudi
Vijayawada



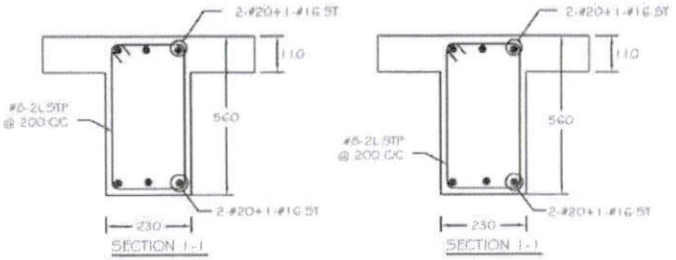
ROOF BEAM RB1 230X410







ROOF BEAM RB2 300 X560



NOTE:
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5) LAP LENGTHS:
   a) IN COMPRESSION : 45 DIA.
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   c) ALL LAPS SHOULD BE STAGGERED.
6) WORK SHOULD BE CARRIED OUT AS PER I.S.CODE 456-2000.

RGR
Asst. Executive Engineer

PJD 27.2.19
Dy. Executive Engineer

APPROVED
Chief Engineer-II,
RWS&S, Gollapudi
Vijayawada