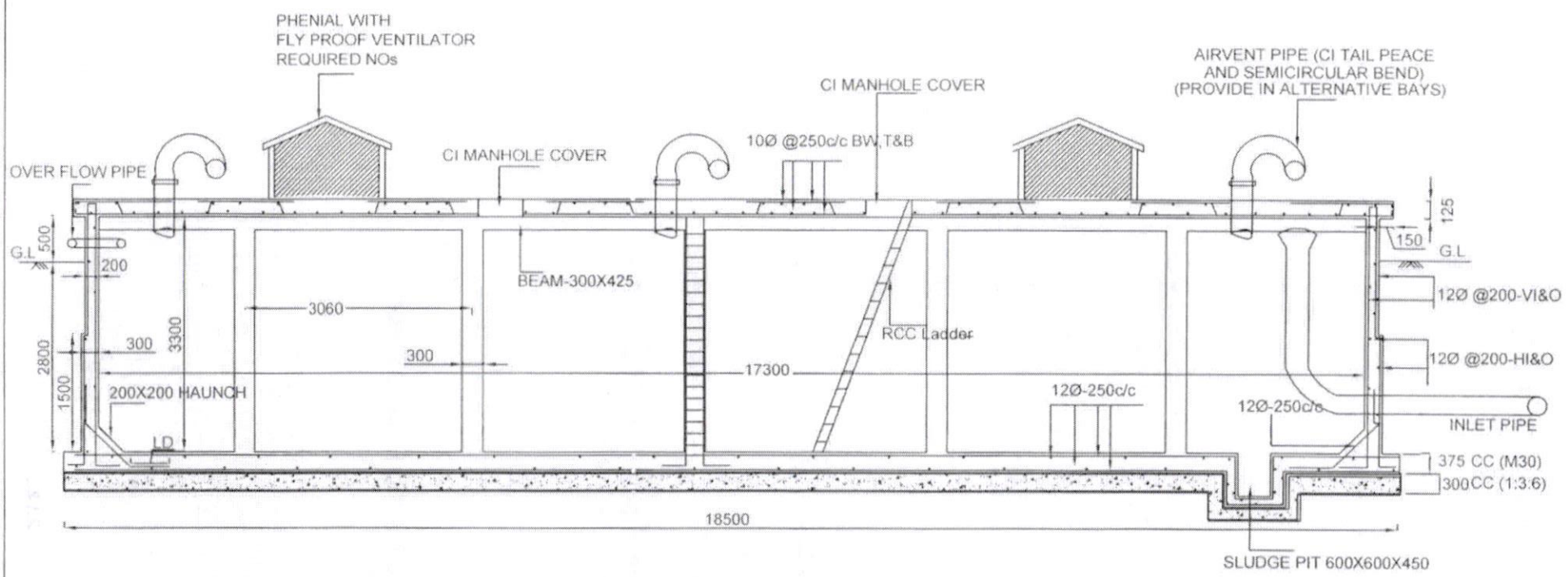
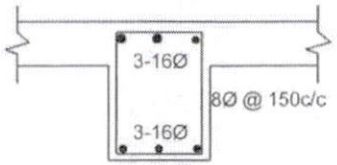
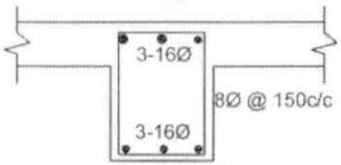
700 KL CAPACITY SUMP



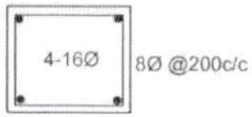
SECTION OF -700 KL SUMP



BEAM
300X425
AT SUPPORT



BEAM
300X425
AT MIDSPAN



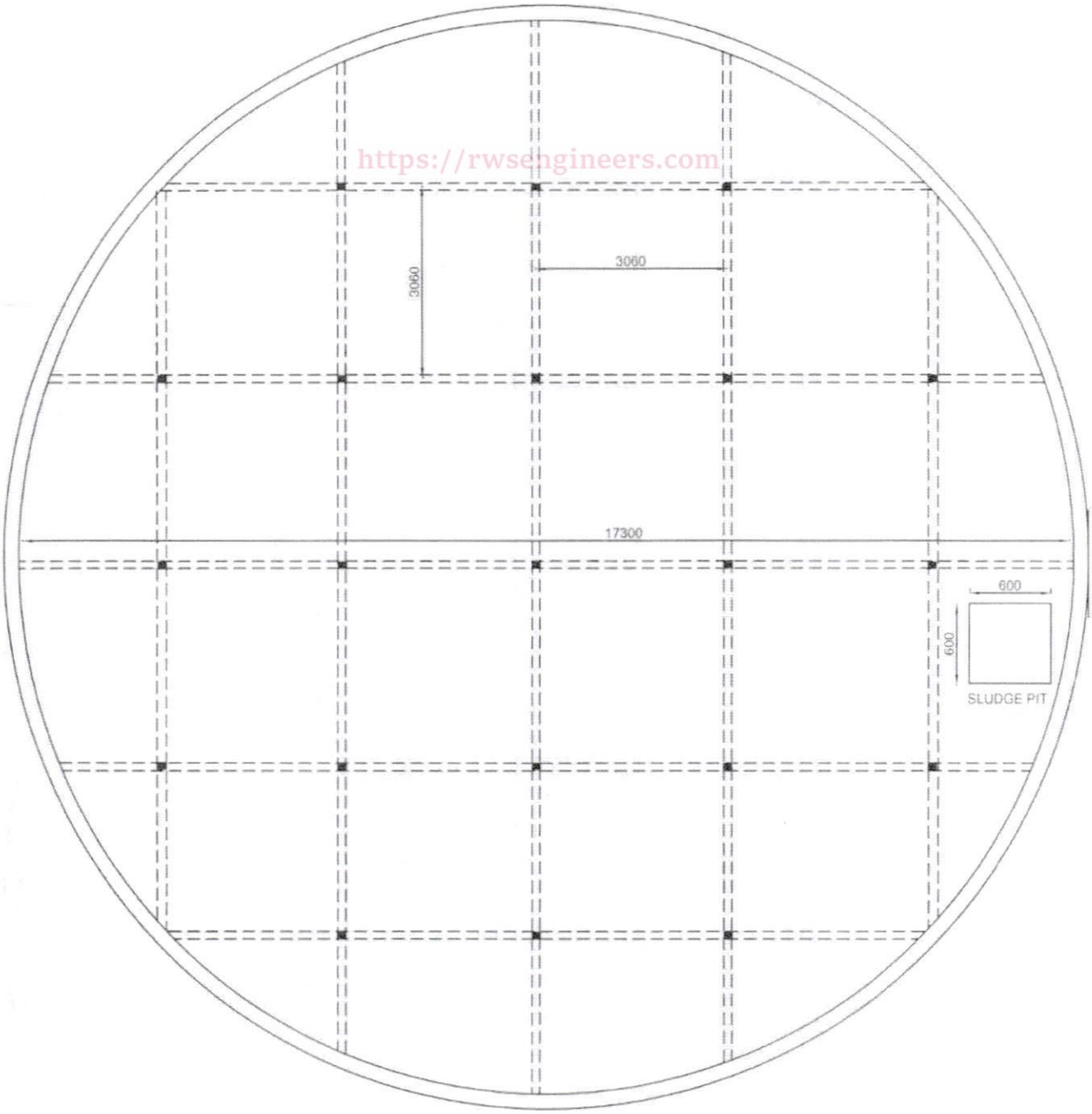
COLUMN
300X300

Asst Executive Engineer

Dy.Executive Engineer

//Approved//
Chief Engineer-II
RWS&S,Gollapudi
Vijayawada.

SCHEME:	
LOCATION:	
DRG NO.	



PLAN OF -700KL SUMP

NOTE

1.ALL DIMENSIONS ARE IN 'MM'
2.MATERIALS:
CONCRETE:M30
STEEL :Fe-415
3.PROVISION OF IS:456-2000,IS:3370(PART I TO IV) SHALL BE FOLLOWED
4 .FLOW ARRANGEMENT,MAN HOLE ,VENTILATOR SHOULD BE PROVIDED
5.THE SUMP TOP SLAB IS NOT DESIGNED FOR ANY VERTICAL LOAD AND IT SHOULD BE PROTECTED ALROUND BY SUITABLE MEANS
6.SBC >=5T/Sqm

Note: provide sand bed as per site conditions and verify the uplift condition before grounding the work, if depth of water table<1.50m below GL

Asst Executive Engineer

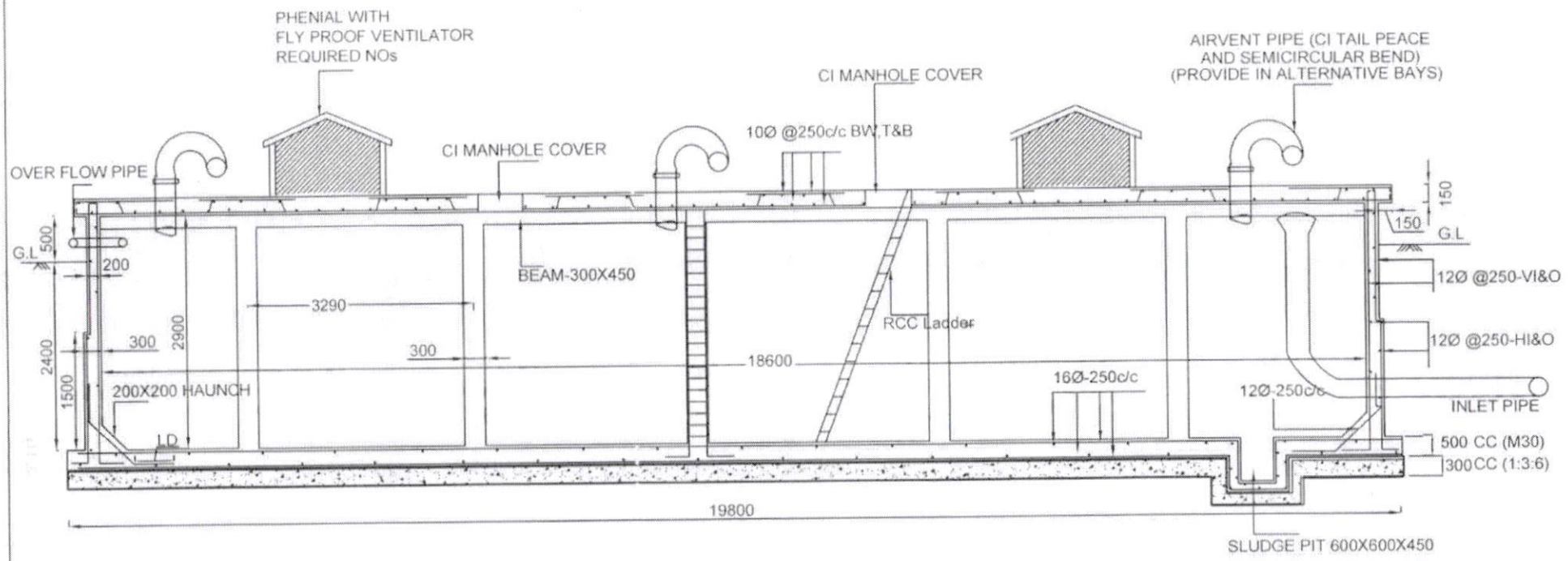
Dy.Executive Engineer

25.1.15

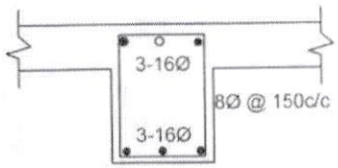
///Approved///
Chief Engineer-II
RWS&S,Gollapudi
Vijayawada.

SCHEME:
LOCATION:
DRG NO.

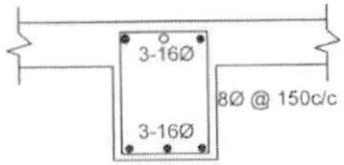
700 KL CAPACITY SUMP



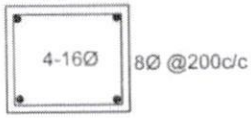
SECTION OF -700 KL SUMP



BEAM
300X450
AT SUPPORT



BEAM
300X450
AT MIDSPAN



COLUMN
300X300

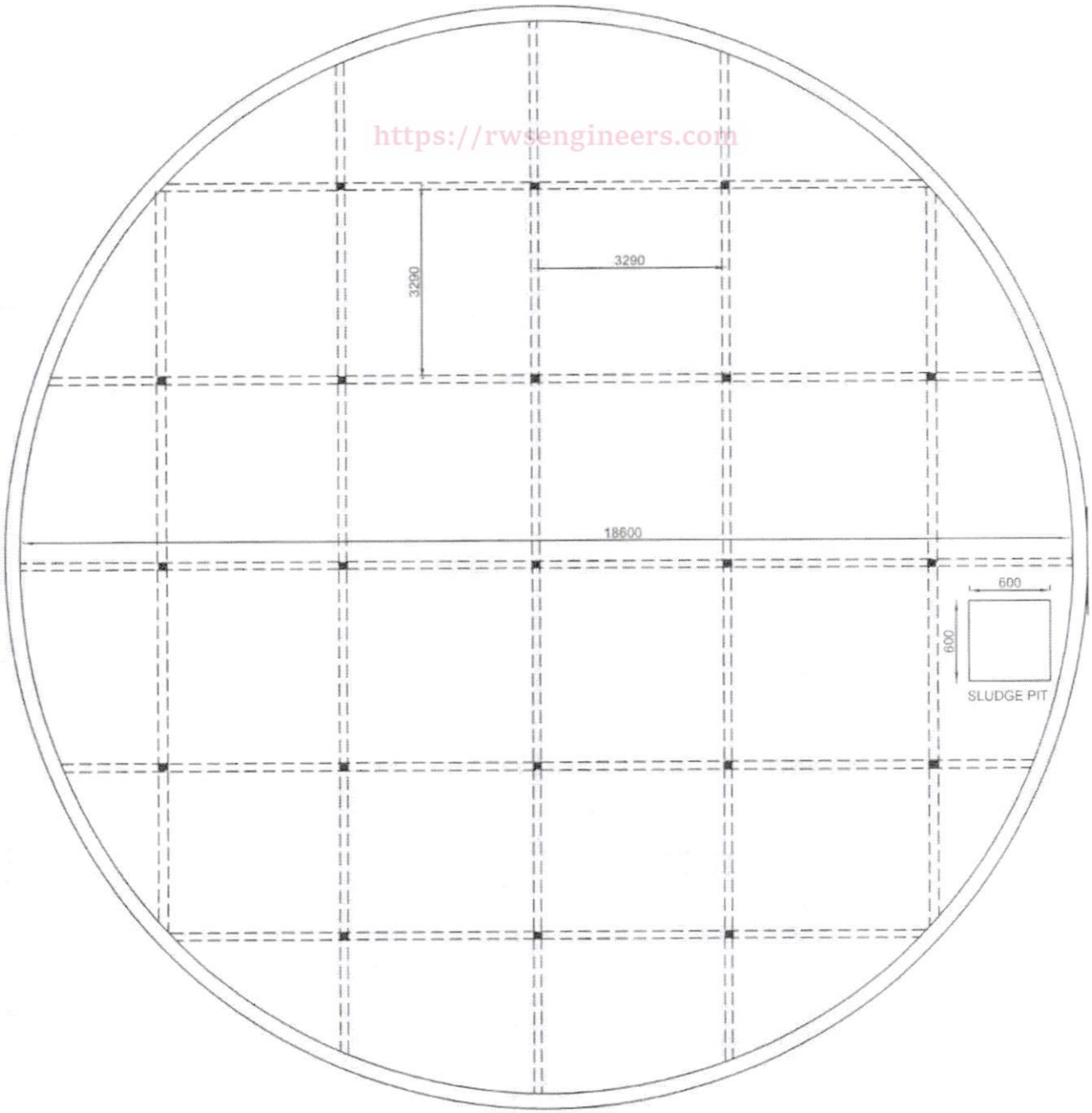
Asst Executive Engineer

Dy.Executive Engineer

//Approved//
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME:	
LOCATION:	
DRG NO.	

2.1.3



PLAN OF -700KL SUMP

NOTE

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4 .FLOW ARRANGEMENT,MAN HOLE ,VENTILATOR SHOULD BE PROVIDED

5.THE SUMP TOP SLAB IS NOT DESIGNED FOR ANY VERTICAL LOAD AND IT SHOULD BE PROTECTED ALROUND BY SUITABLE MEANS

6.SBC >=5T/Sqm

7. Sump is designed for uplift

Note: provide sand bed as per site conditions and verify the uplift condition before grounding the work, if depth of water table<1.00m below GL

Asst Executive Engineer

Dy.Executive Engineer

25.1.19

//Approved//

Chief Engineer-II
RWS&S,Gollapudi
Vijayawada.

SCHEME:
LOCATION:
DRG NO.