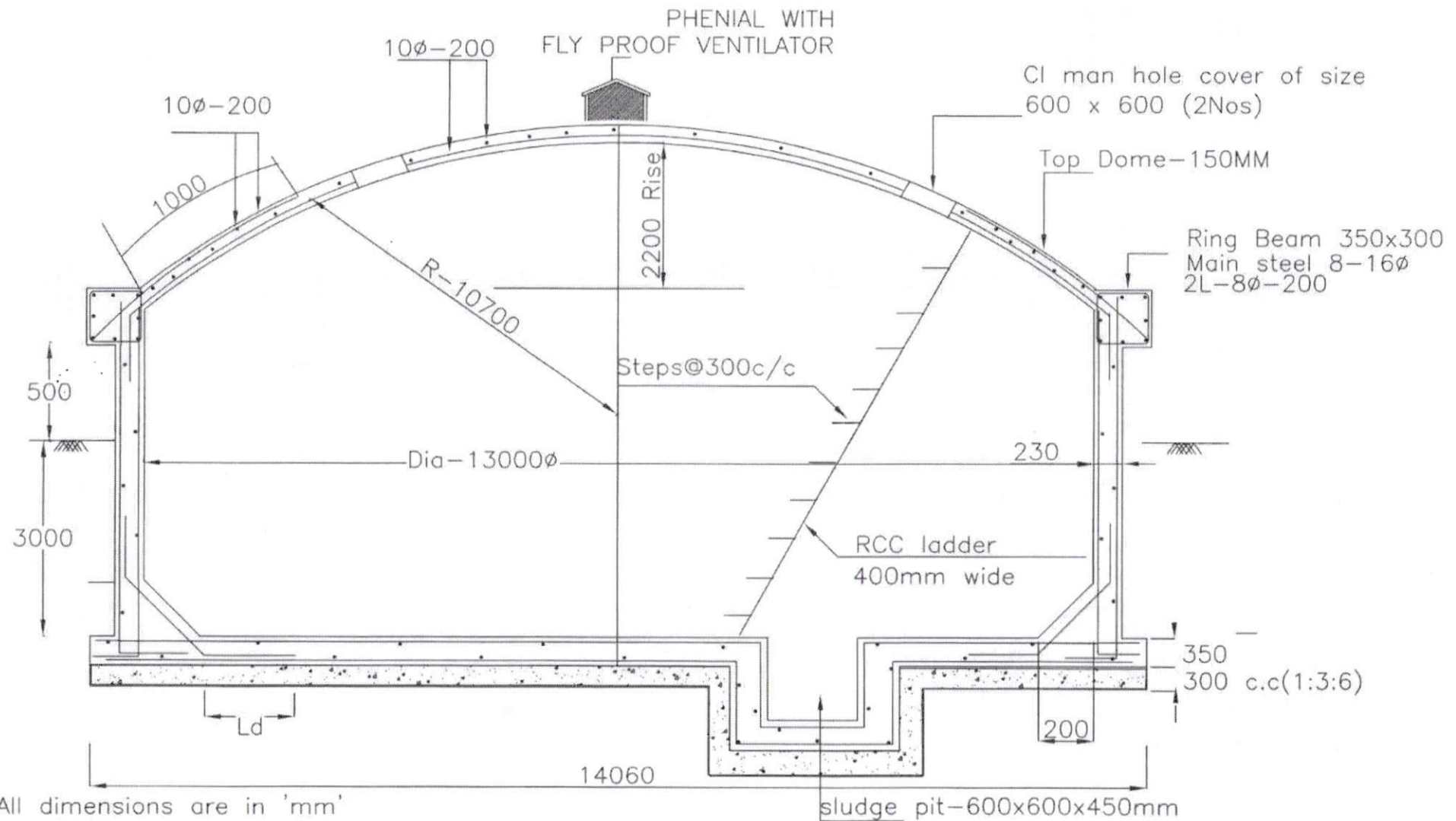


<https://rwsengineers.com>  
400 KL SUMP



All dimensions are in 'mm'  
Concrete mix V.R.C.C M30  
Steel Fe-415  
Reinforcement Details shall be as per IS - SP34

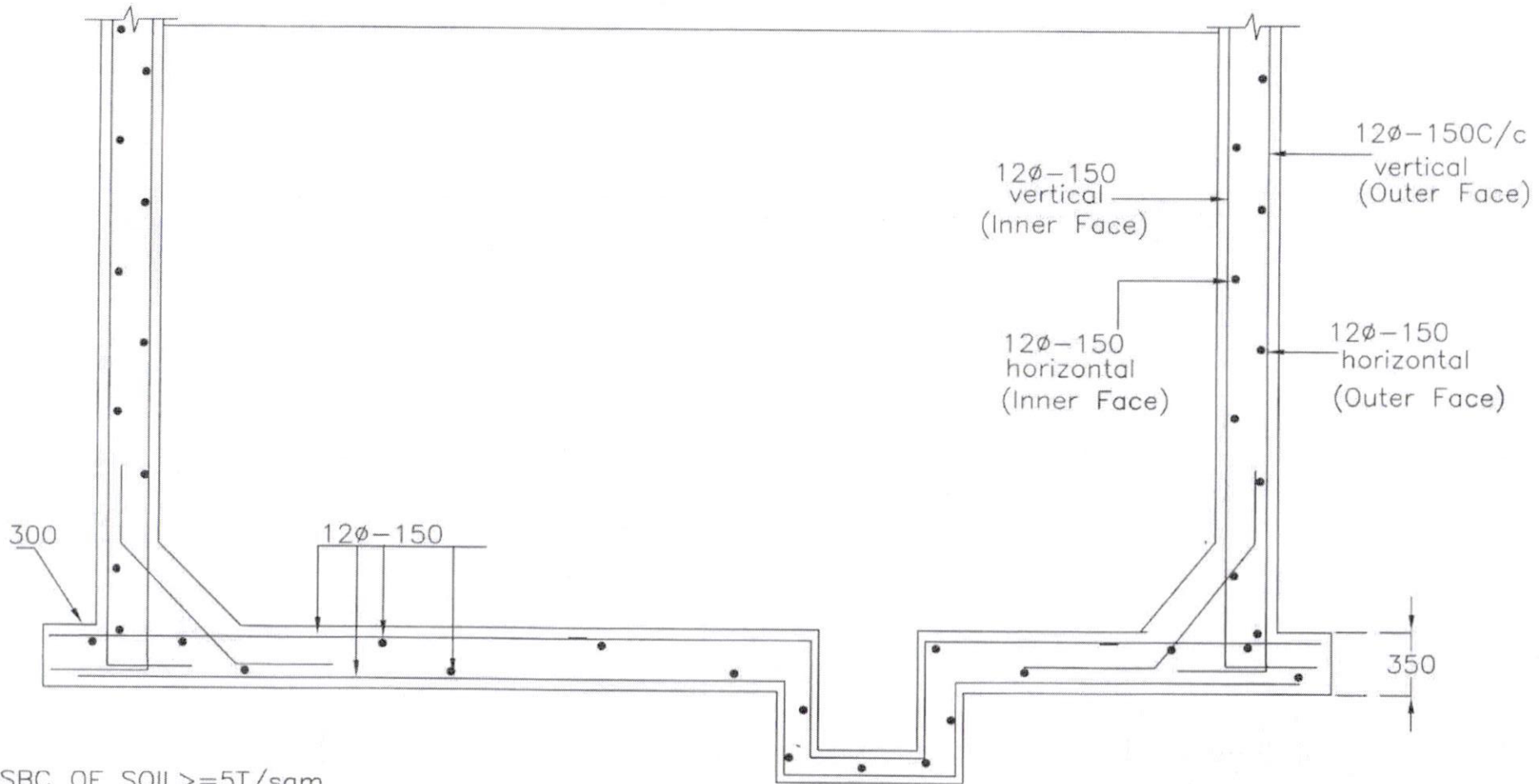
*POR*  
Asst Executive Engineer

*537*  
25.1.19  
Dy.Executive Engineer

//Approved//  
*[Signature]*  
Chief Engineer-II  
RWS&S, Gollapudi  
Vijayawada.

SCHEME:  
DWG.NO.1

## 400 KL SUMP



SBC OF SOIL  $\geq 5T/sqm$

Note: provide sand bed as per site conditions and verify the uplift condition before grounding the work, if depth of water table  $< 1.75m$  below GL

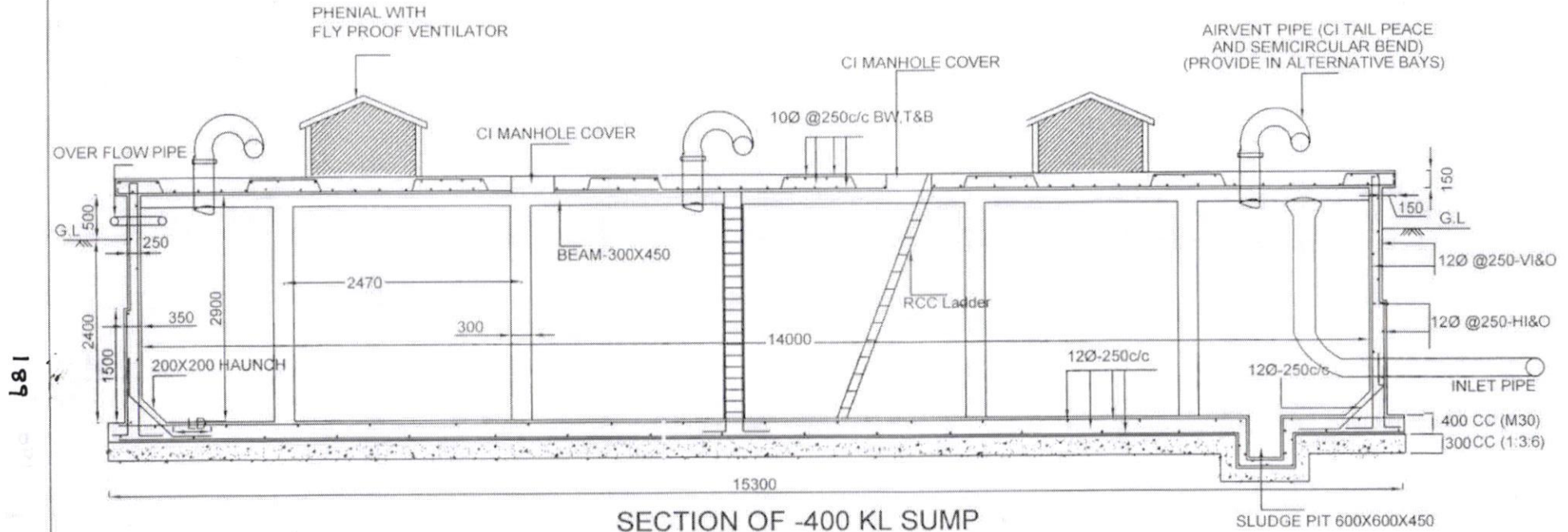
*Post*  
Asst Executive Engineer

*835*  
25.1.19  
Dy. Executive Engineer

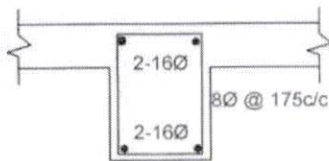
// Approved //  
*[Signature]*  
Chief Engineer-II  
RWS&S, Gollapudi  
Vijayawada.

SCHEME:
DWG.NO.2

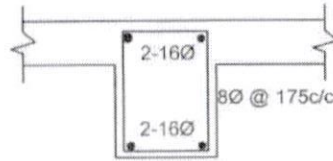
# 400 KL CAPACITY SUMP



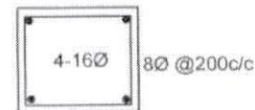
## SECTION OF -400 KL SUMP



BEAM  
300X450  
AT SUPPORT



BEAM  
300X450  
AT MIDSPAN



COLUMN  
300X300

Asst Executive Engineer

Dy. Executive Engineer

//Approved//

Chief Engineer-II  
RV S&S, Gollapudi  
Vijayawada.

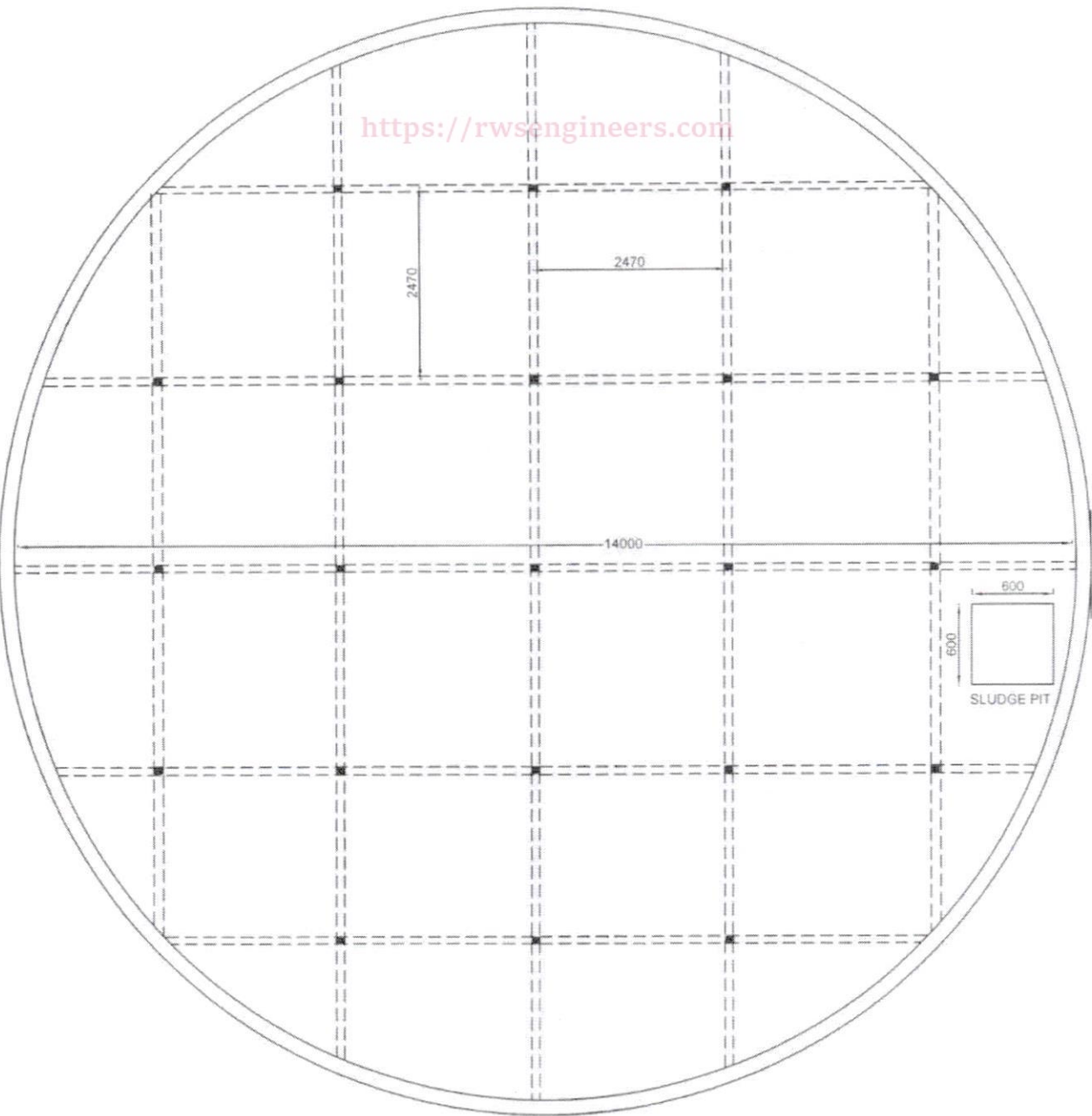
SCHEME:

LOCATION:

DRG NO.



<https://rwsengineers.com>



**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  
AROUND BY SUITABLE MEANS
6. SBC  $\geq 57/\text{Sqm}$
7. SUMP IS DESIGNED FOR UPLIFT

**PLAN OF-400KL SUMP**

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

Asst Executive Engineer

Dy Executive Engineer

Approved:  
Chief Engineer-II  
RWS&S, Gollapudi  
Vijayawada

SCHEME:

LOCATION:

DRG NO.