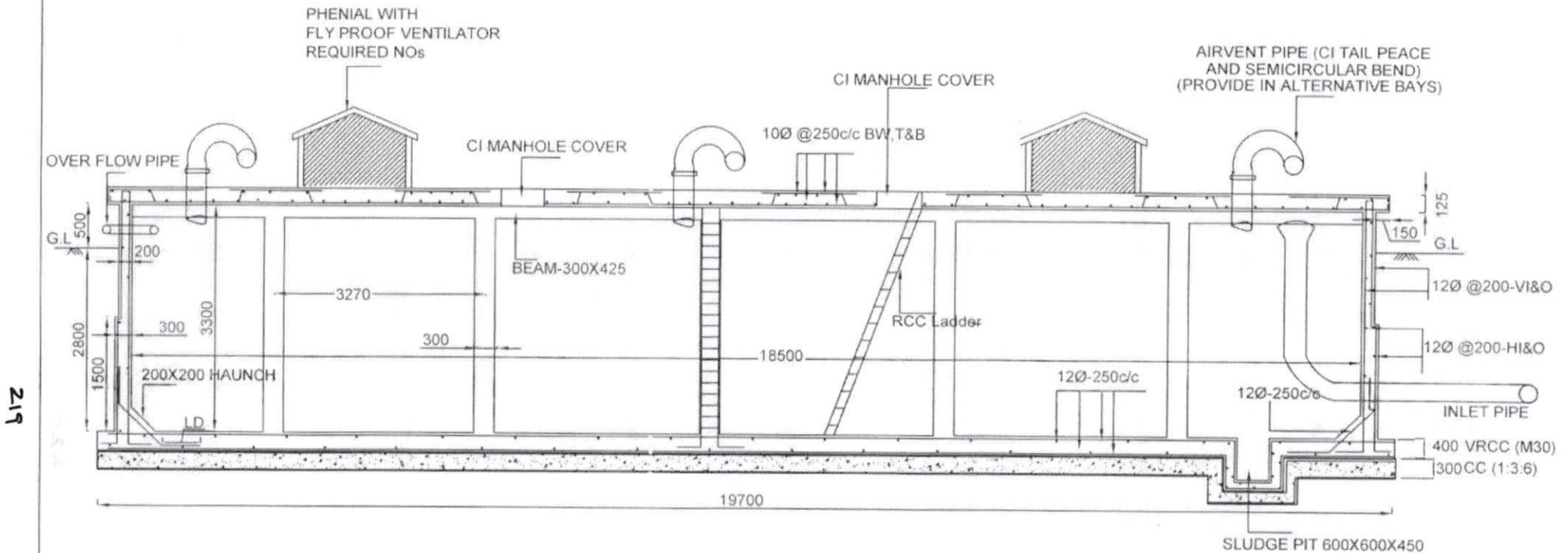
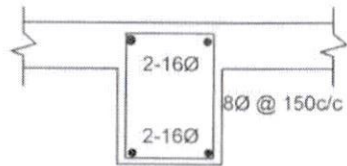


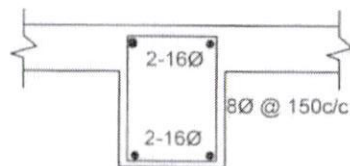
### 800 KL CAPACITY SUMP



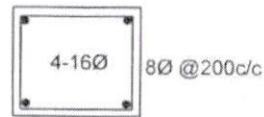
### SECTION OF -800 KL SUMP



BEAM  
300X425  
AT SUPPORT



BEAM  
300X425  
AT MIDSPAN



COLUMN  
300X300

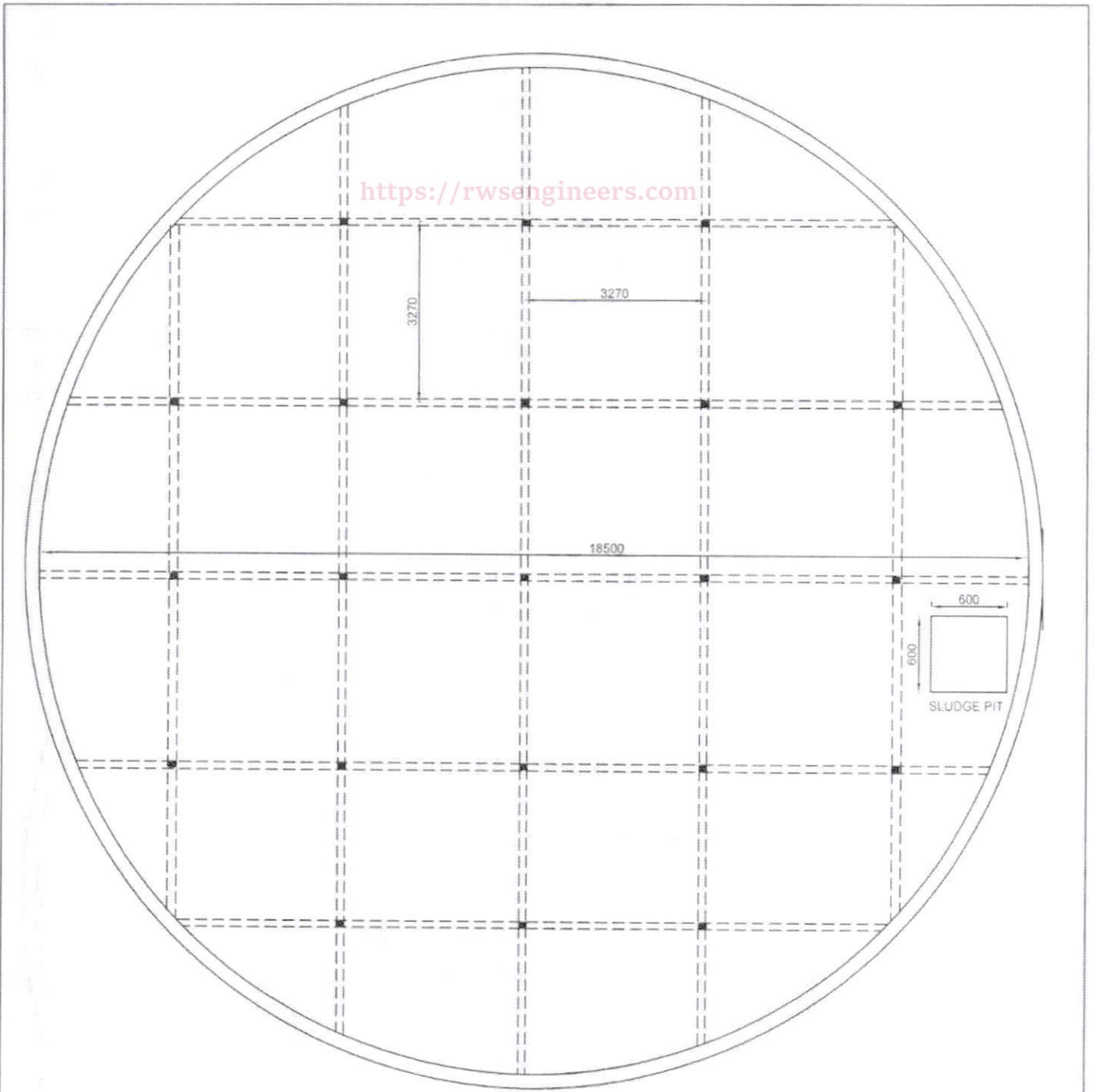
*Por*  
Asst Executive Engineer

*9/3/25/19*  
Dy. Executive Engineer

//Approved//  
*[Signature]*  
Chief Engineer-II  
RWS&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 >=5T/Sqm

**PLAN OF -800KL SUMP**

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

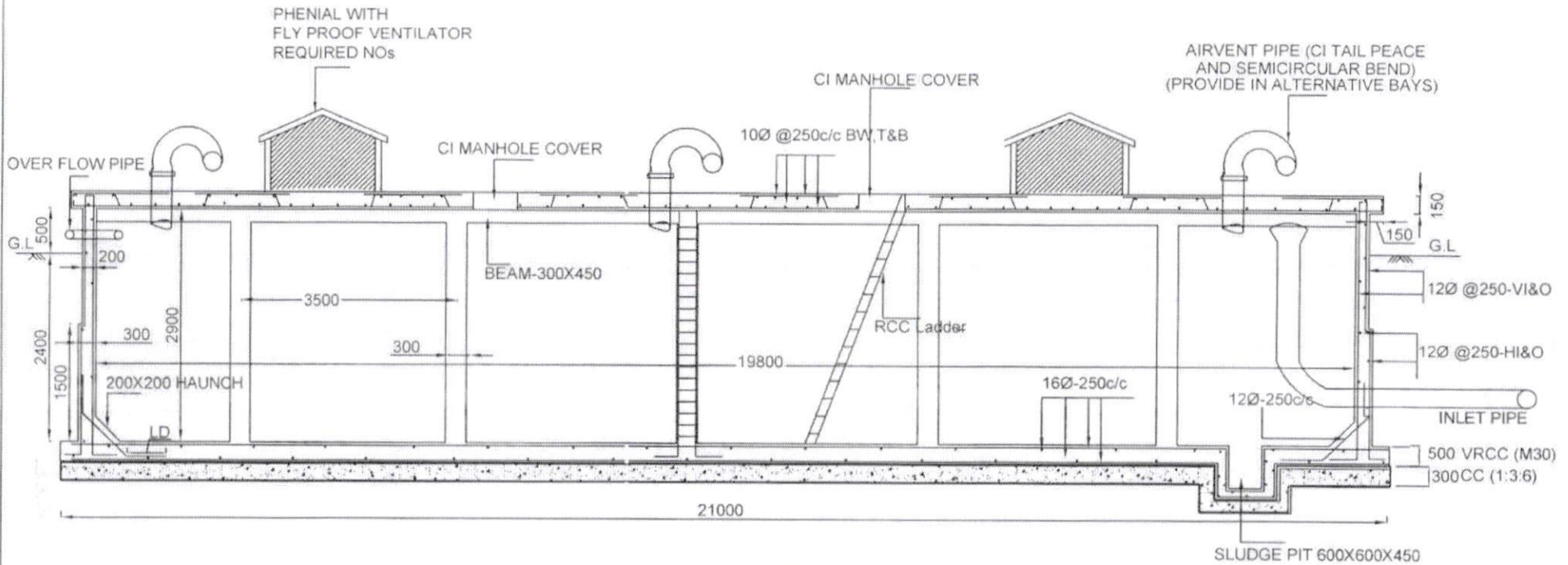
*Pr*  
Asst Executive Engineer

*Raj*  
25/1/19  
Dy. Executive Engineer

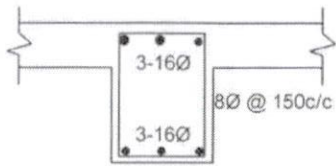
//Approved//  
*[Signature]*  
Chief Engineer-II  
RWS&S Gollapudi  
Vijayawada.

SCHEME:
LOCATION:
DRG NO.

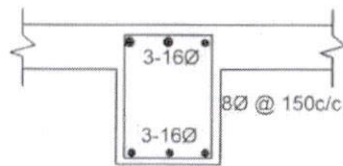
### 800 KL CAPACITY SUMP



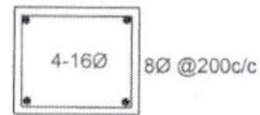
### SECTION OF -800 KL SUMP



BEAM  
300X450  
AT SUPPORT



BEAM  
300X450  
AT MIDSPAN



COLUMN  
300X300

*Pou*  
Asst Executive Engineer

*R07/25-119*  
Dy. Executive Engineer

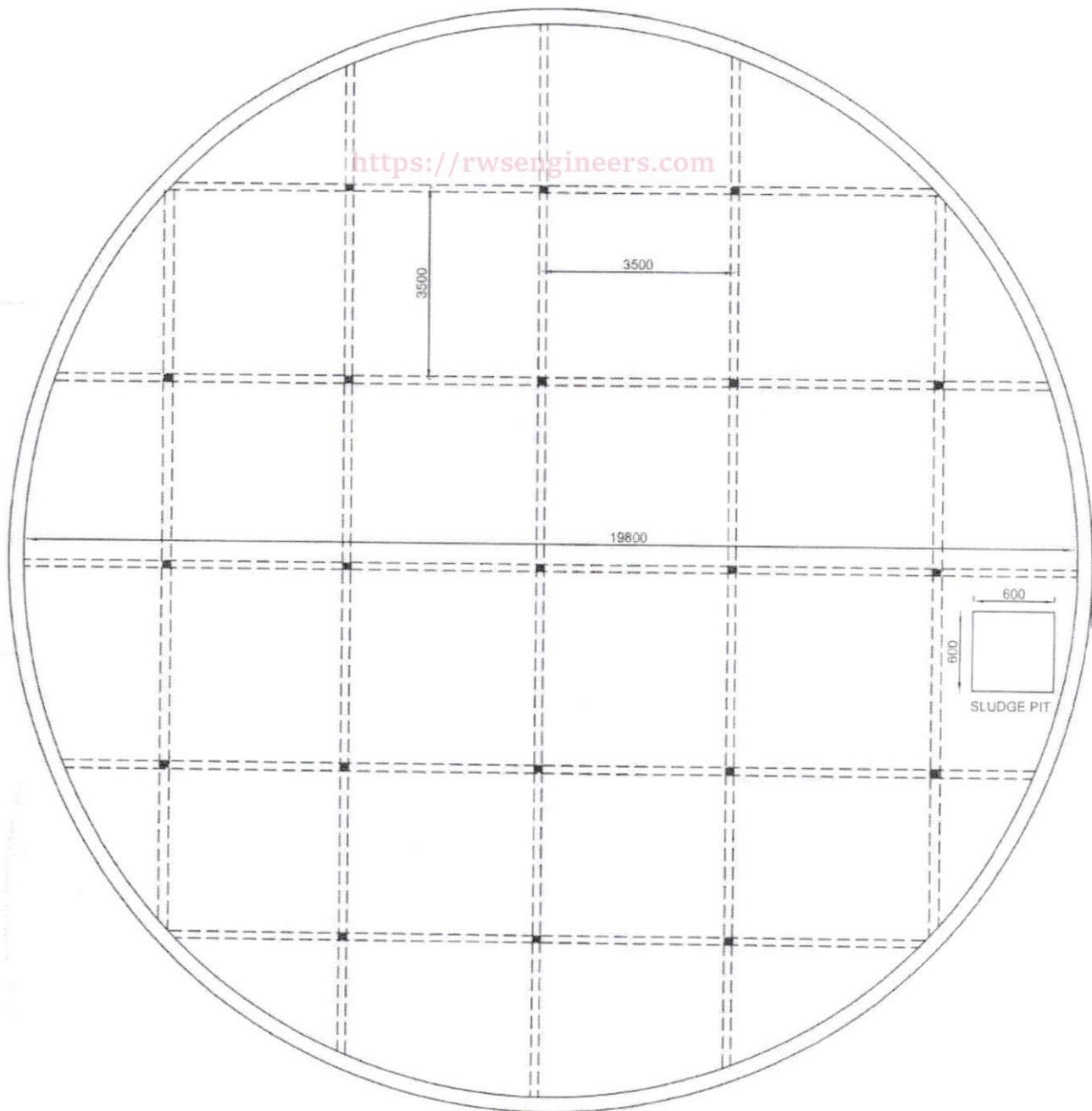
//Approved//  
*[Signature]*  
Chief Engineer-II  
RWS&S, Gollapudi  
Vijayawada.

SCHEME:

LOCATION:

DRG NO.

<https://rwsengineers.com>



### PLAN OF -800KL 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 AROUND BY SUITABLE MEANS
6.  $SBC \geq 5T/Sqm$
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 < 1.0m below GL

*[Signature]*  
Asst Executive Engineer

*[Signature]*  
25.1.19  
Dy. Executive Engineer

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

SCHEME:

LOCATION:

DRG NO.