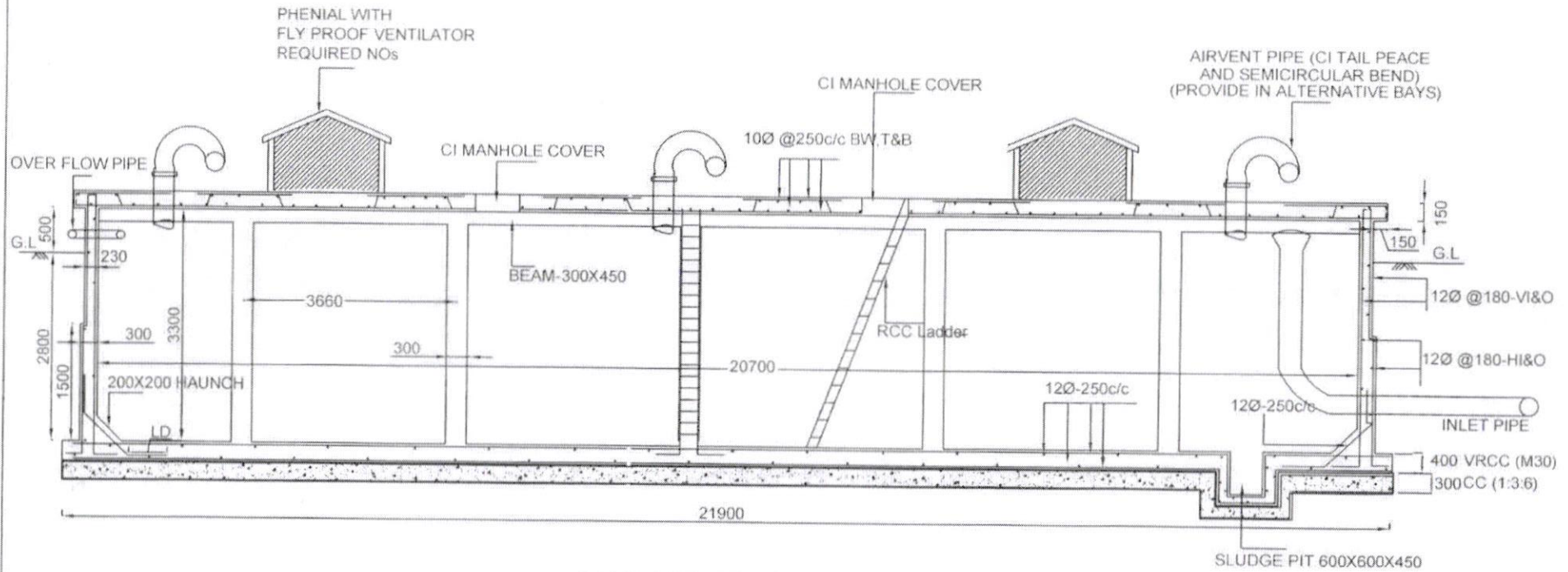
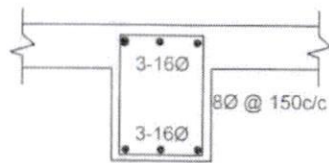


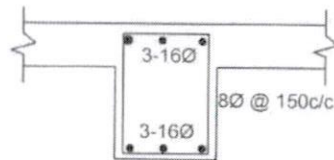
### 1000 KL CAPACITY SUMP



### SECTION OF -1000 KL SUMP



BEAM  
300X450  
AT SUPPORT



BEAM  
300X450  
AT MIDSPAN



COLUMN  
300X300

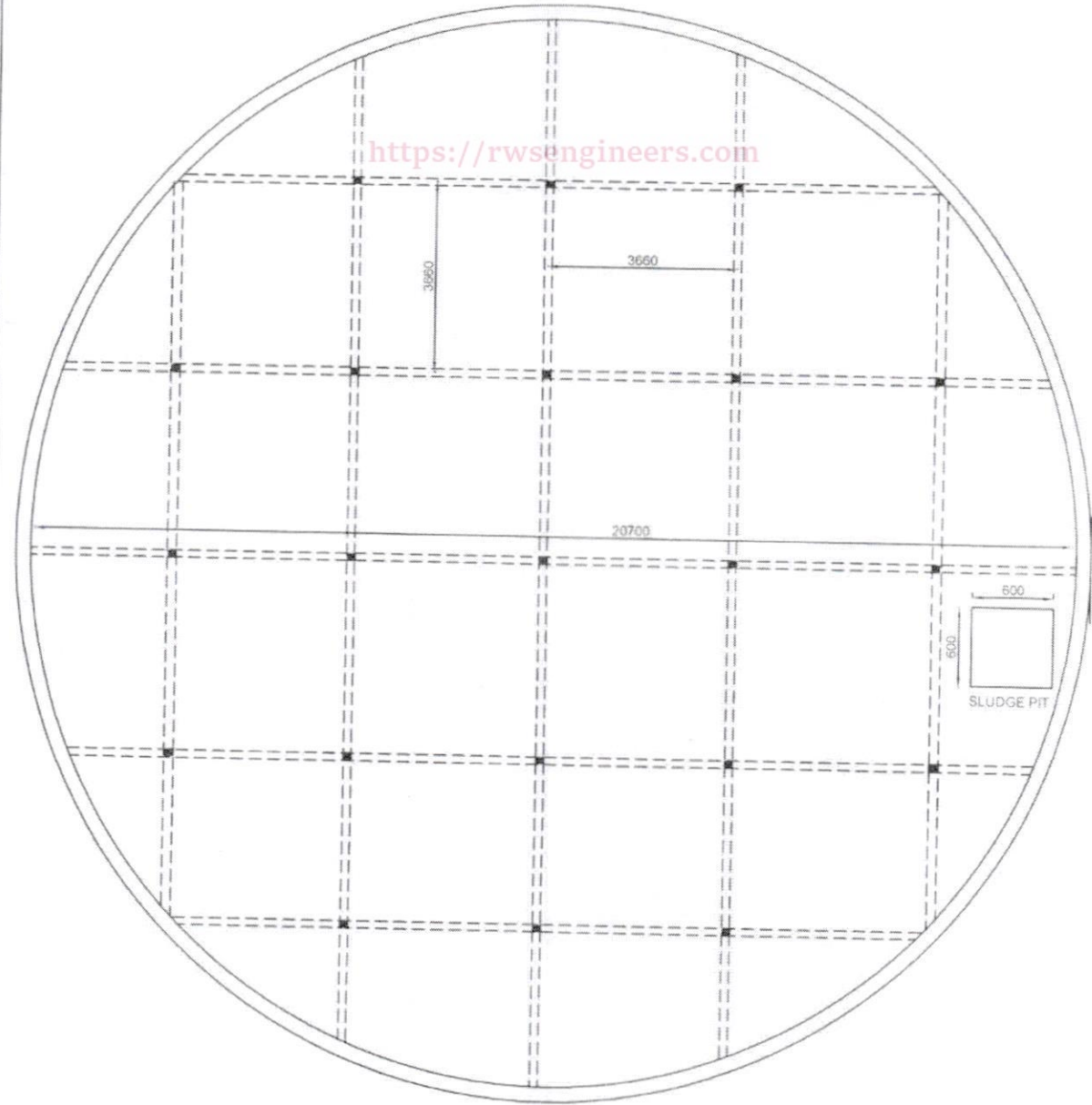
*Por*  
Asst Executive Engineer

*RJM*  
25-1-19  
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  $\geq 5T/Sqm$

**PLAN OF -1000KL 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

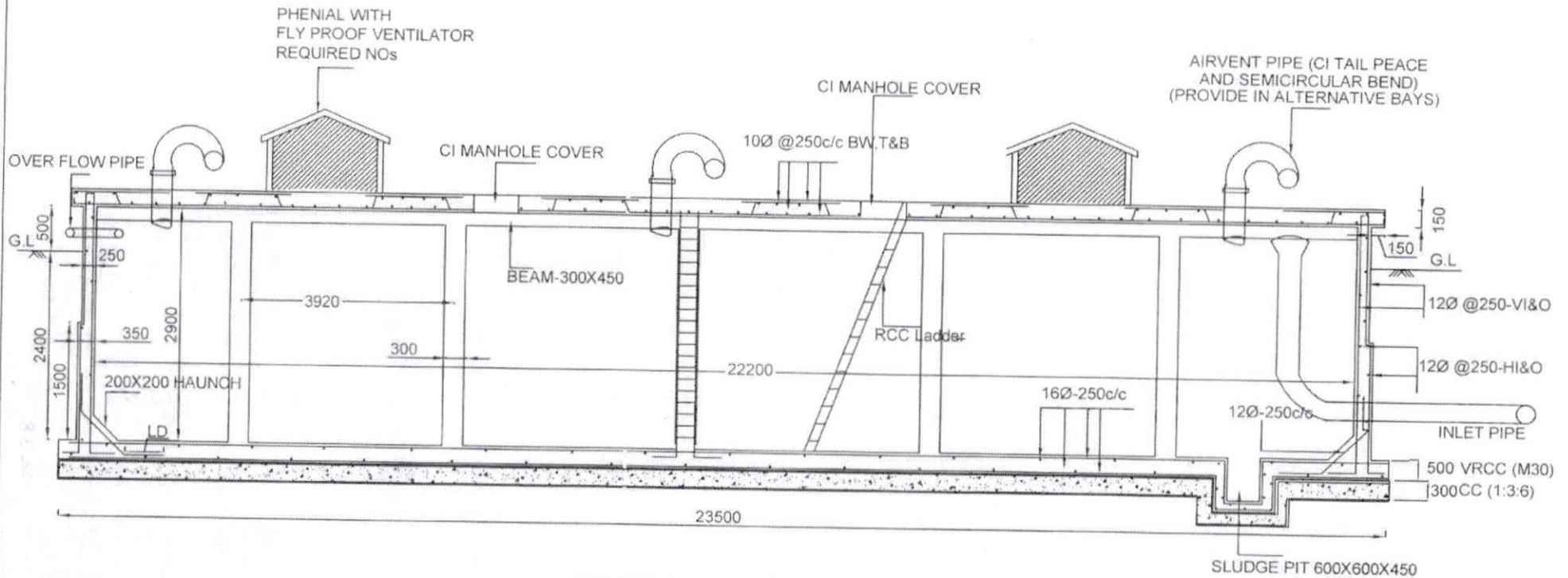
*Pol*  
Asst Executive Engineer

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

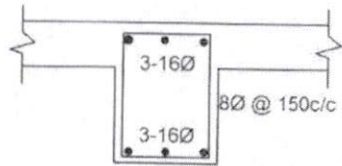
//Approved//  
*[Signature]*  
Chief Engineer-II  
RWSS&G, Gollapudi  
Vijayawada

SCHEME:
LOCATION:
DRG NO.

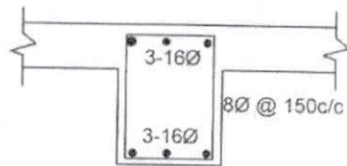
### 1000 KL CAPACITY SUMP



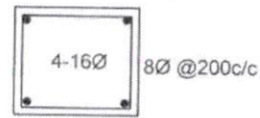
### SECTION OF -1000 KL SUMP



BEAM  
300X450  
AT SUPPORT



BEAM  
300X450  
AT MIDSPAN



COLUMN  
300X300

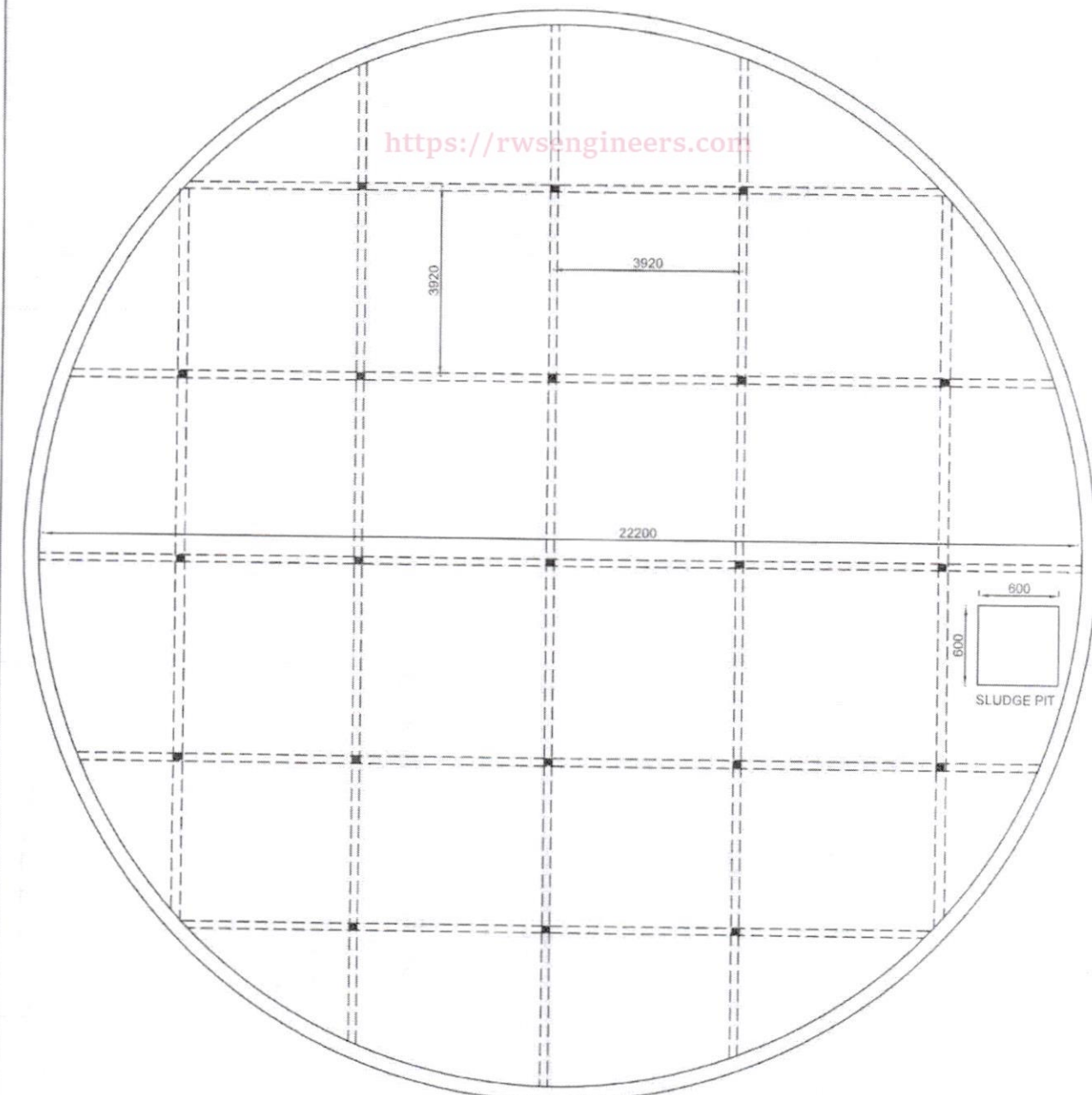
*Be*  
Asst Executive Engineer

*8/25/19*  
Dy. Executive Engineer

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

SCHEME:
LOCATION:
DRG NO.

<https://rwsengineers.com/>



### PLAN OF -1000KL SUMP

**NOTE**

- 1. ALL DIMENSIONS ARE IN 'MM'
- 2. MATERIALS:  
CONCRETE: M30  
STEEL : Fe-415
- 3. PROVISION OF IS: 456-2000, IS: 3379 (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.  $SBC >= 5T/Sqm$
- 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

*Pol*  
Asst Executive Engineer

*P.S.V.*  
25.1.19  
Dy. Executive Engineer

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

SCHEME:
LOCATION:
DRG NO.