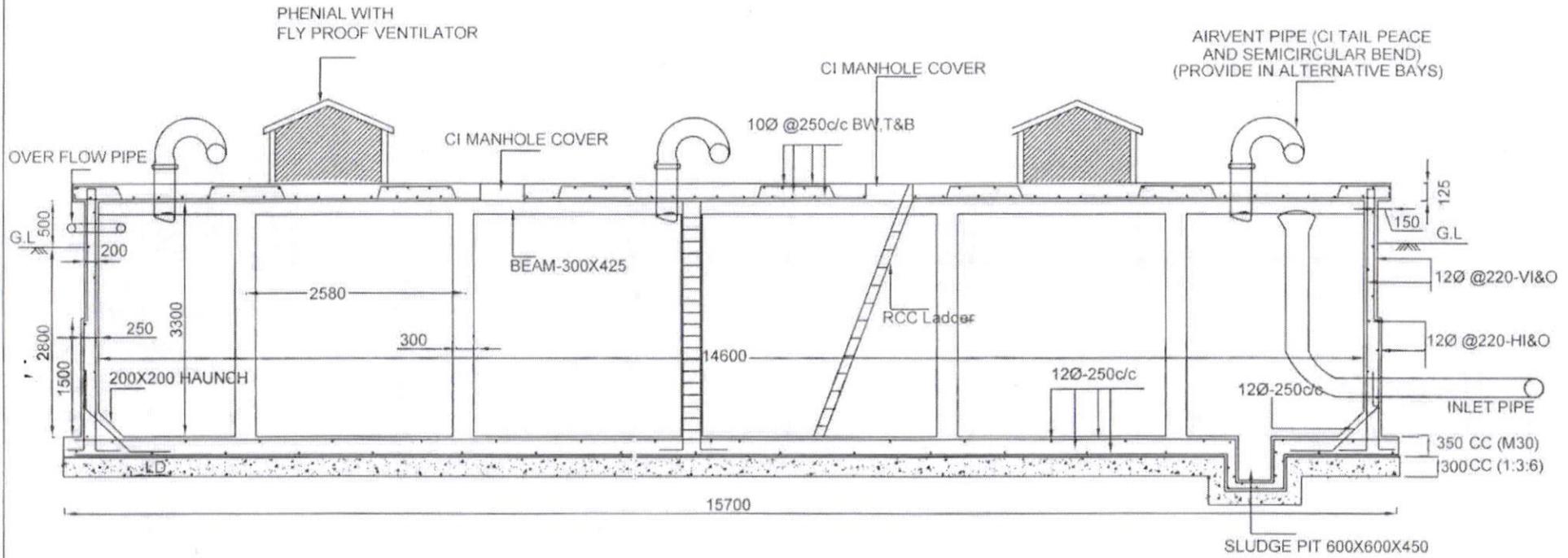
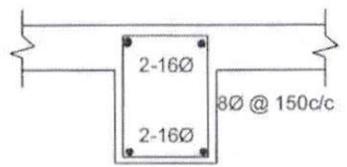


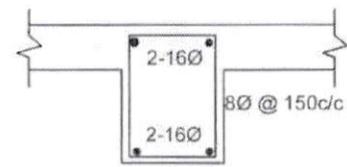
### 500 KL CAPACITY SUMP



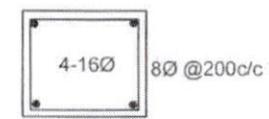
### SECTION OF -500 KL SUMP



BEAM  
300X425  
AT SUPPORT



BEAM  
300X425  
AT MIDSPAN



COLUMN  
300X300

*Per*  
Asst Executive Engineer

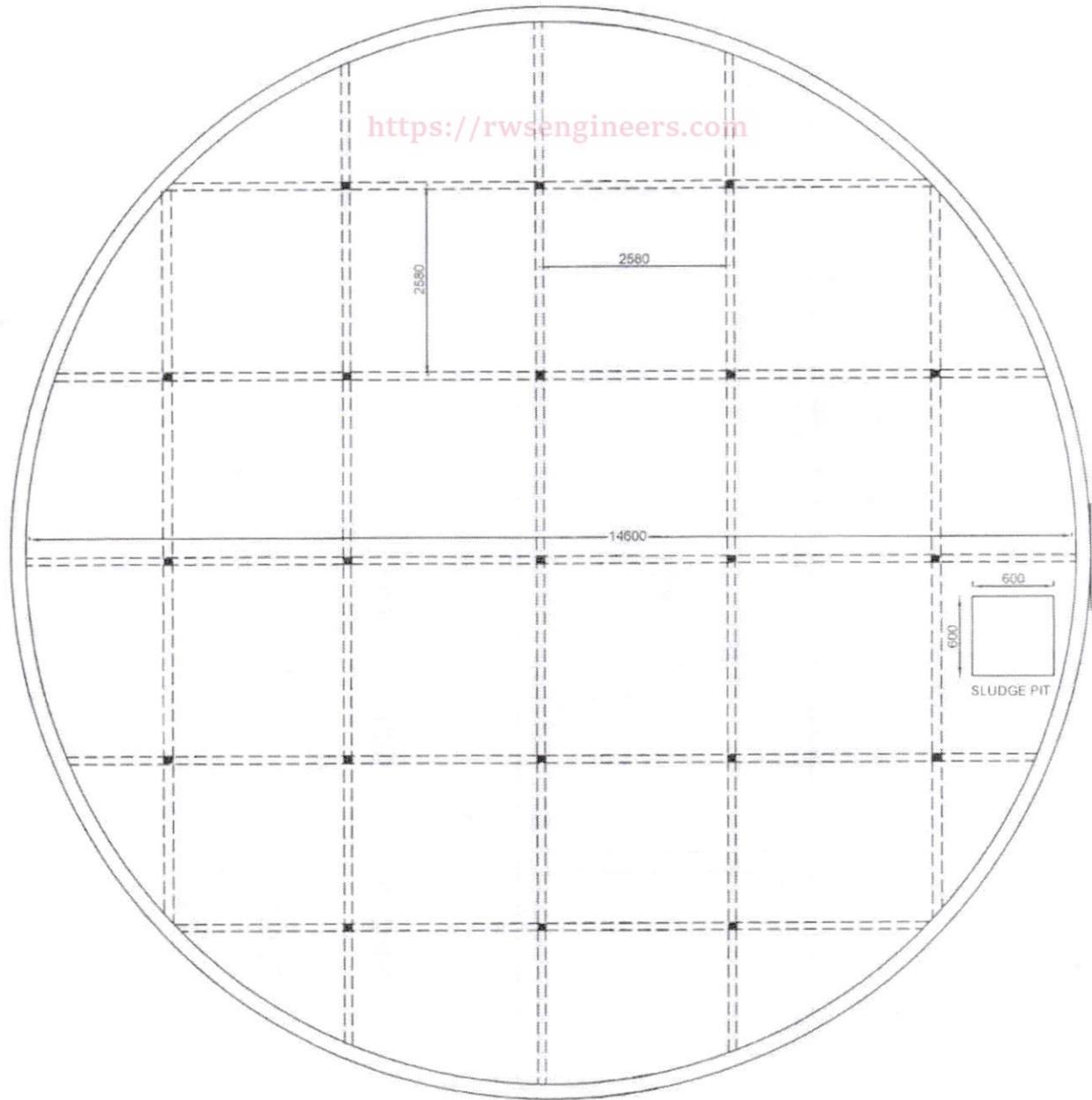
*935/25-1-19*  
Dy. Executive Engineer

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

SCHEME:
LOCATION:
DRG NO.

195

<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 500KL 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

*BA*  
Asst Executive Engineer

*RSM*  
25-1-19  
Dy Executive Engineer

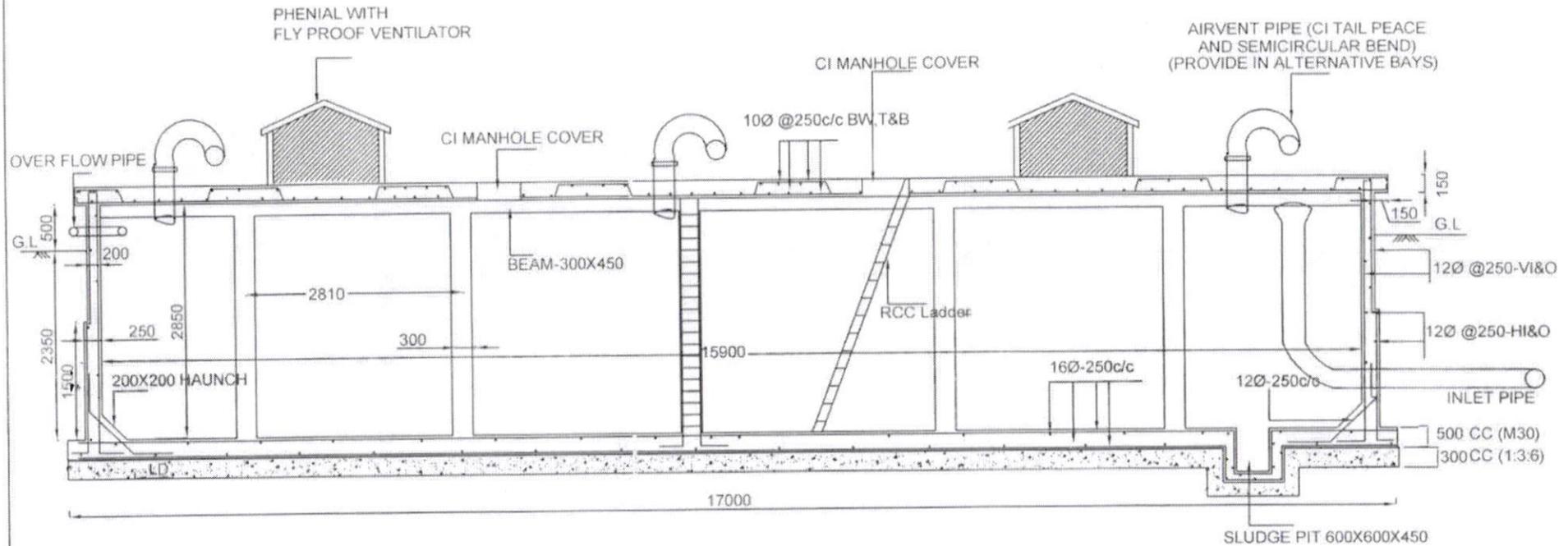
*[Signature]*  
// Approved //  
Chief Engineer-II  
RWS&S, Gollapudi  
Vijayawada

SCHEME:

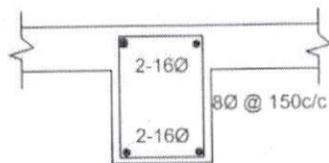
LOCATION:

DRG NO.

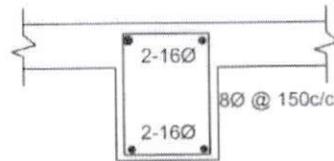
### 500 KL CAPACITY SUMP



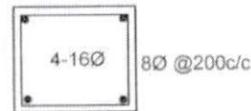
### SECTION OF -500 KL SUMP



BEAM  
300X450  
AT SUPPORT



BEAM  
300X450  
AT MIDSPAN



COLUMN  
300X300

*RGR*  
Asst Executive Engineer

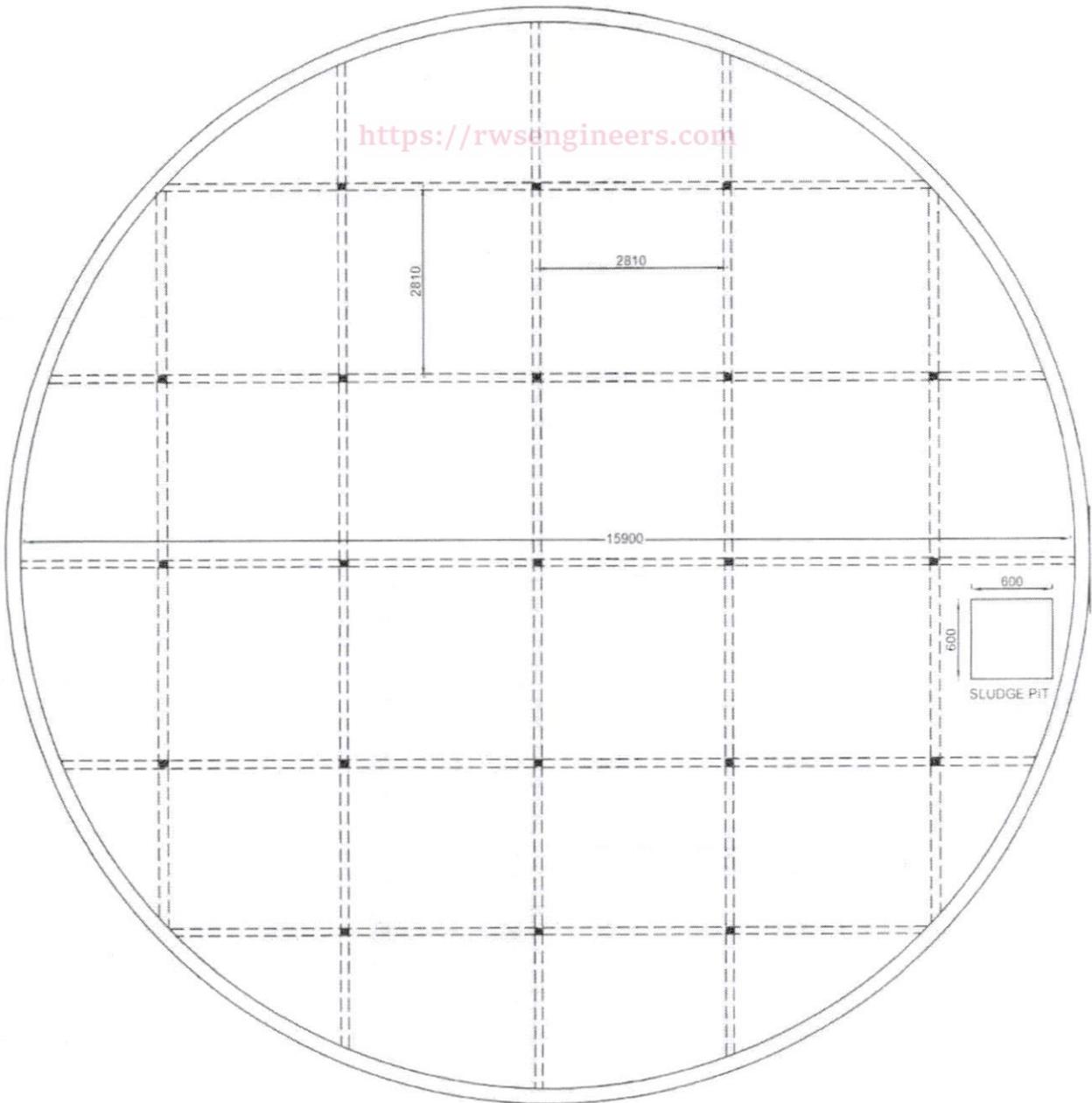
*RJM*  
25/1/19  
Dy. Executive Engineer

//Approved//  
*[Signature]*  
Chief Engineer-II  
RVS&S Gollapudi  
Vijawada.

SCHEME:
LOCATION:
DRG NO.

197

<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.  $SBC \geq 5T/Sqm$
7. SUMP IS DESIGNED FOR UPLIFT

**PLAN OF 500KL SUMP**

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

*PR*  
Asst Executive Engineer

*TJB*  
25-1-19  
Dy Executive Engineer

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

SCHEME:
LOCATION:
DRG NO.