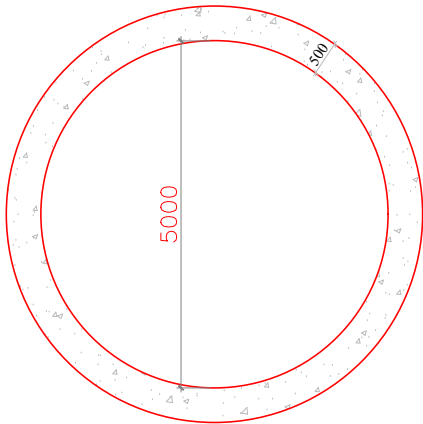
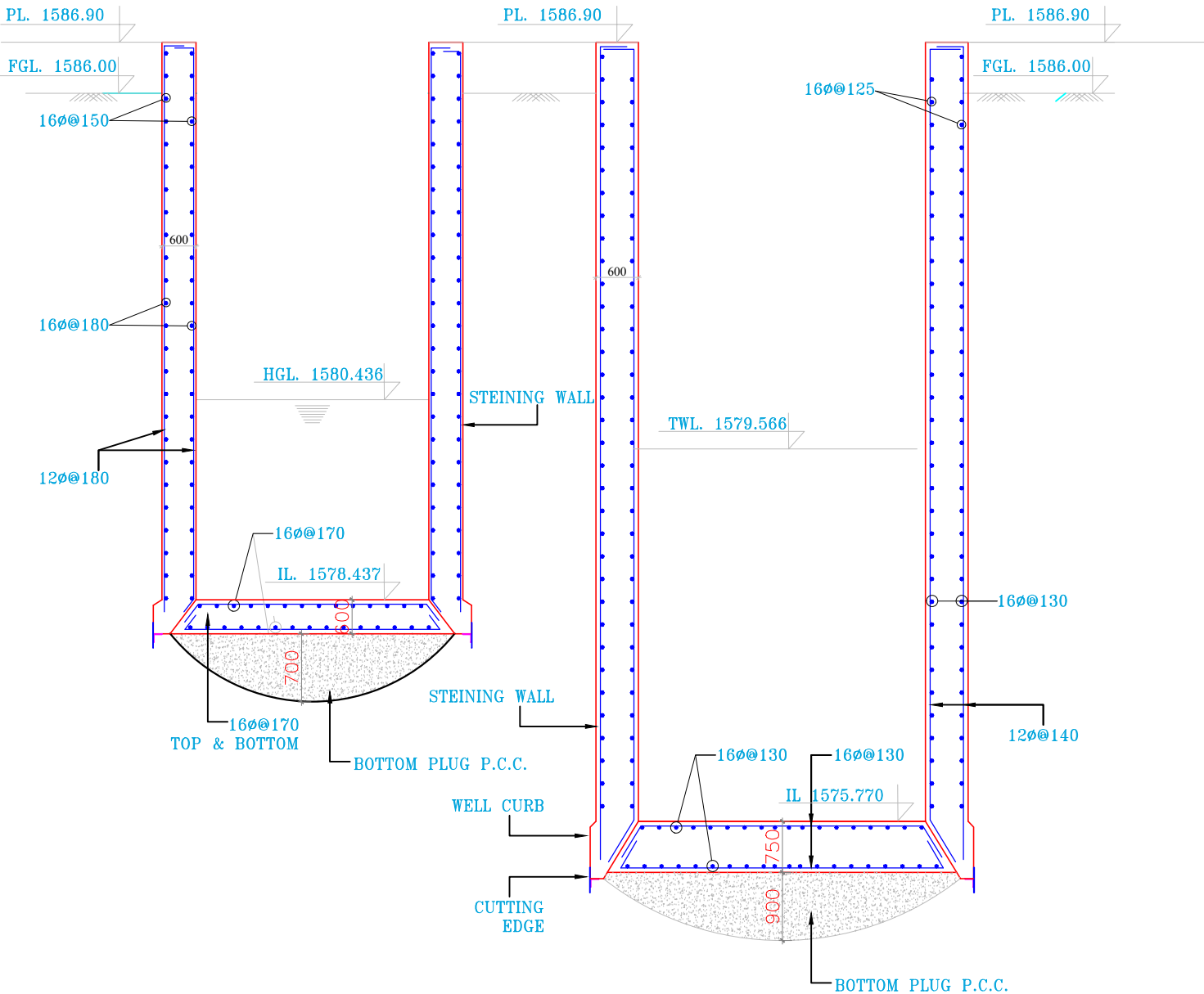
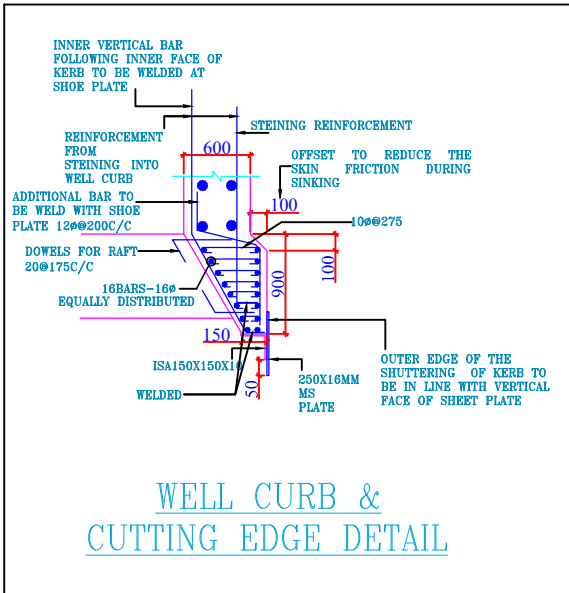


SILT CHAMBER



SUMP



TYPICAL SECTION

PROCEDURE OF WELL SINKING

1. TO PREPARE THE GROUND FOR LAYING THE CUTTING EDGE.
2. TO CAST THE WELL-CURB AFTER LAYING THE CUTTING EDGE.
3. TO BUILD THE STEINING OVER THE WELL-CURB.
4. TO REMOVE THE EARTH FROM THE WELL POCKET BY MANUAL LABOUR OR BY GRABBING AND THUS TO CREATE A SUMP BELOW THE CUTTING EDGE LEVEL. THE WELL WILL GO DOWN SLOWLY.
5. TO CONTINUE THE PROCESS OF BUILDING UP THE STEINING AND THE DREDGING IN ALTERNATE STAGES. THUS THE WELL SINKS TILL THE FINAL FOUNDING LEVEL IS REACHED.
6. IF NECESSARY, KENTLEDGE LOAD MAY BE PLACED ON THE WELL STEINING TO INCREASE THE SINKING EFFORT FOR EASY SINKING OF THE WELLS.

NOTES

1. ALL DIMENSIONS ARE IN "MM" U.N.O.
2. THE SBC AT 3M DEPTH HAS BEEN TAKEN AS 40T/SQM AND ASSUMED PILE CAPACITY OF 4.0TONS
3. THE WATER TABLE AT 0.3M
4. GRADE OF CONCRETE SHALL BE AS FOLLOWS:


4.1.	STEINING WALL	M30
4.2.	WELL CURB	M30
4.3.	BOTTOM SLAB	M30
4.4.	BOTTOM PLUG	M15
4.5.	OTHERS	M30
5. GRADE OF STEEL SHALL BE AS FOLLOWS:

5.1.	REINFORCEMENT BARS	FE500
5.2.	MS PLATE	YST250
5.3.	ANGLE	YST250
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:

6.1.	STEINING WALL	50MM
6.2.	WELL CURB	50MM
6.3.	COLUMN	40MM
6.4.	BEAMS	30MM
6.5.	SLAB	25MM

NOTES:-
REF. - SUMP/PUMP HOUSE
DWG.NO. - WAPCOS/M/GA/03/04

1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE WORK, TO WRITTEN DIMENSIONS ONLY.
3. DRAWING SIZE : A3

DEPTT	PMU JTRP	
PROJECT	STORM WATER DRAINAGE SCHEME BONPURA & PADSHAHI BAGH, ZONE - 1, SRINAGAR, (J&K)	
TITLE	<div><div>SILT CHAMBER & SUMP/PUMP HOUSE PLAN, SECTION & DETAILS FOR MPS</div><div>WAPCOS LIMITED</div></div>	
DWG. NO. - WAPCOS/C/STR/03/04	DATE - 30.05.2019	REVISION : - R2