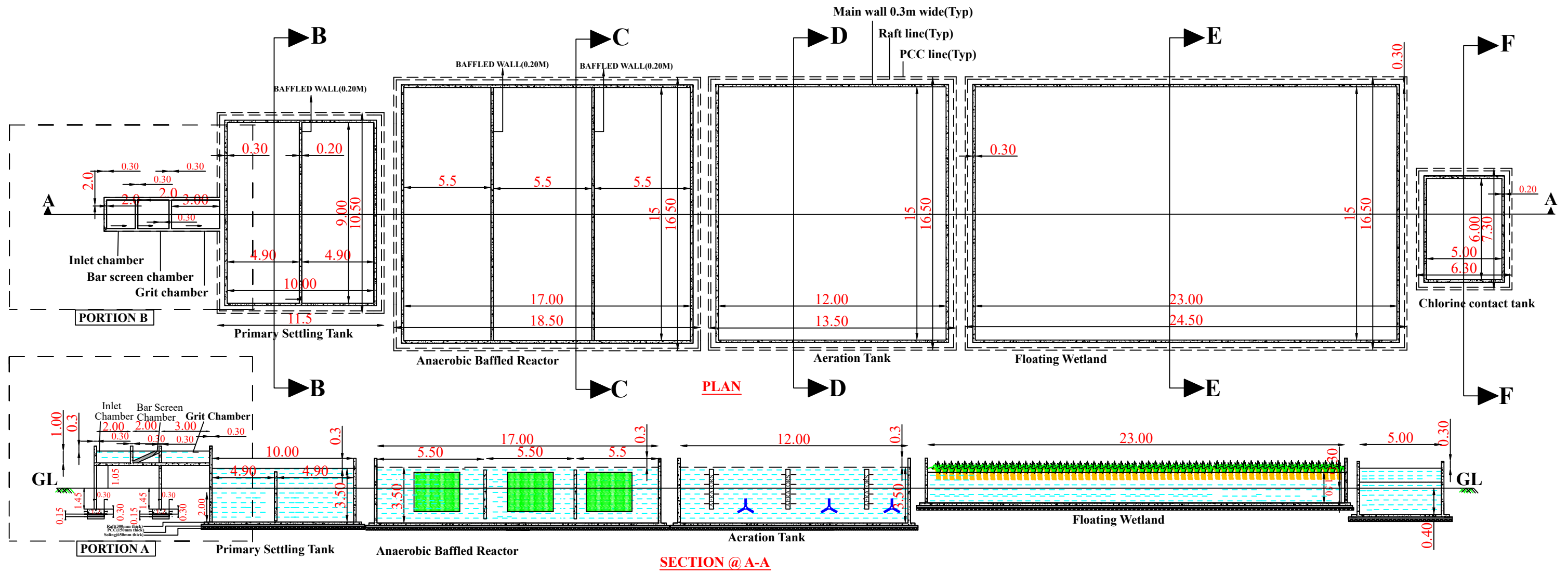
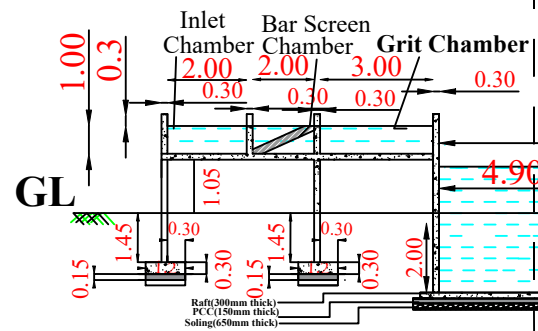
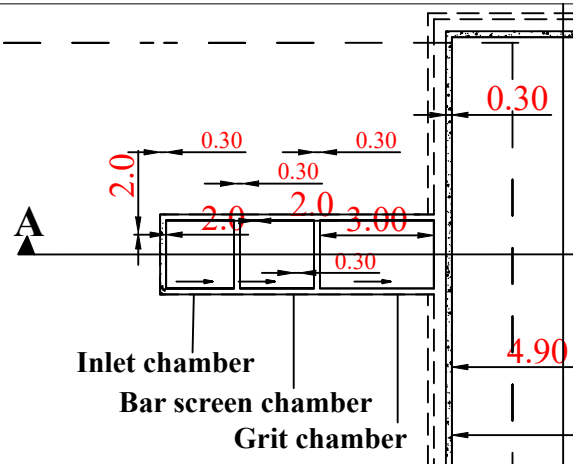


**2.24 CACITY STP WITH HAAF (HYBRID ANAEROBIC AEROBIC FLOATING WETLAND) TECHNOLOGY FOR NALATWADA TOWN****PORTION A****PORTION B****NOTES:-**

- 1) ALL DIMENSIONS ARE IN MILLI METERS
- 2) ALL LEVELS ARE IN METERS UNLESS OTHERWISE NOTED
- 3) DO NOT SCALE THE DIMENSIONS FOLLOW THE WRITTEN DIMENSIONS ONLY
- 4) GRADE OF CONCRETE 1) PCC M15  
2) RCC 25
- 5) GRADE OF STEEL FE550D CONFIRMING TO IS 1786-1985
- 6) CLEAR COVER FOR MAIN REINFORCEMENT SHALL BE-FOOTING-50mm, BEAM-30MM, SLAB-20MM, COLUMN-40MM
- 7) ALL MATERIAL SHALL PASS TESTS AS PRESCRIBED BY RELEV IS SPECIFICATION
- 8) DEVELOPMENT LENGTH/LAP LENGTH= 45 X DIAMETER OF BAR
- 9) ALL LAP LENGTH SHALL BE STAGGERED NOT MORE THAN 50% OF BARS SHALL BE SPICED AT A SECTION
- 10) REINFORCEMENT FABRICATION AND PLACING SHALL CONFIRMING FOLLOWING IS CODE IS 3370-1967, IS.13920-1993, IS-4362-1993.
- 11) ANY CHANGES OBSERVED IN SOIL TO BE INFORMED TO ENGINEER IN CHARGE.

SL.NO.	PROPOSED UNITS	LENGTH (m)	BREADTH (m)	DEPTH (m)	FREE BOARD(m)
01.	Inlet Chamber	02	02	01	0.3
02.	Bar Screen Chamber	02	02	01	0.3
03.	Grit Chamber	03	02	01	0.3
04.	Primary Settling Tank	10	09	3.5	0.3
05.	Anaerobic Buffled Reactor	17	15	3.5	0.3
06.	Aeration Tank	12	15	3.5	0.3
07.	Floating Wetland Tank	23	15	1.5	0.3
08.	Chlorine contact tank	5	6	2.5	0.3

**CLIENT :**

KARNATAKA URBAN INFRASTRUCTURE  
DEVELOPMENT AND FINANCE CORPORATION LTD

**CONSULTANTS :**

MaRS PLANNING & ENGINEERING SERVICES PVT. LTD.

**PROJECT TITLE :**

CONSTRUCTION OF SEWAGE TREATMENT PLANT AT NALATWADA TOWN UNDER  
JALSHUDDHI MISSION-SBM-2.0(URBAN)

**DRAWING TITLE :**

2.24 MLD-STP PLAN AND SECTION

Scale :AS SHOWN

Sheet Size :- A3

APPROVED BY  
CONSULTANTS:-

DRG NO.: KUIDFC-MaRS-NALATWADA

Drawn By-

Checked By-

Revision

CHECKED BY :-

ASSISTANT  
ENGINEER

ASST.EXECUTIVE  
ENGINEER

EXECUTIVE  
ENGINEER

TASK  
MANAGER