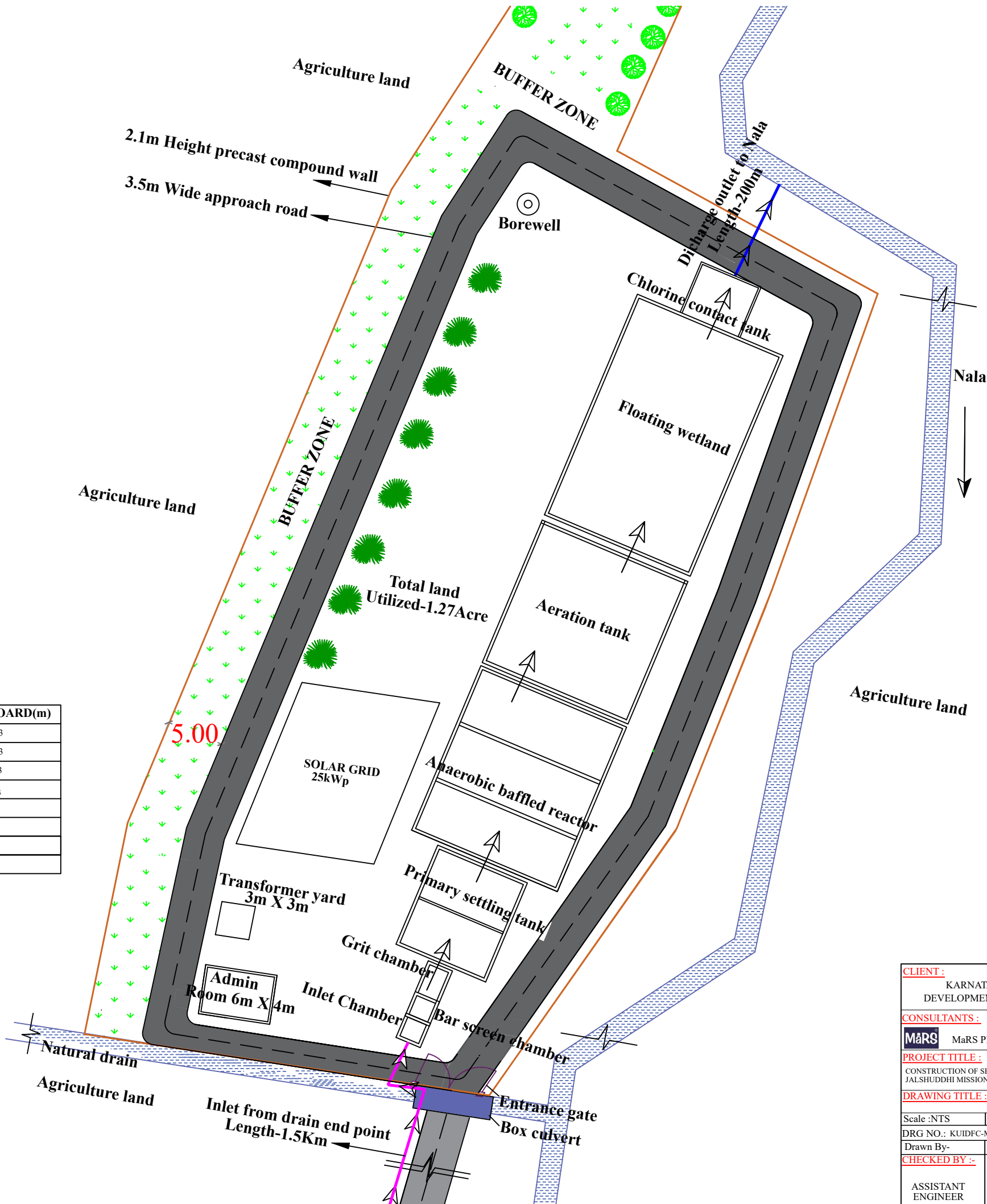


| SL.NO. | PROPOSED UNITS | LENGTH (m) | BREADTH (m) | DEPTH (m) | FREE BOARD(m) |
|--------|---------------------------|------------|-------------|-----------|---------------|
| 01. | Inlet Chamber | 02 | 02 | 01 | 0.3 |
| 02. | Bar Screen Chamber | 02 | 02 | 01 | 0.3 |
| 03. | Grit Chamber | 03 | 02 | 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 |

- NOTE:**
1. Total Land available(Survey no.132)-5139.50sqm-1.27Acre
 2. Land utilized for 2.24MLD HAAF type STP-5139.50sqm-1.27Acre
 3. Distance from STP land to Drain end point(DEP)-1.5Km
 4. Drain end point elevation-545m
 5. Proposed STP site elevation-541m

- COMPONENTS PROPOSED:**
1. Wall thickness=300mm for Main wall and 200mm for partition wall
 2. Footing thickness-300mm, Raft thickness=300mm, PCC thickness=150mm
 3. Precast compound wall height of 2.1m for STP
 4. Internal approach road - CC Road of width 3.5m
 5. OCEMS and Flow meter
 6. Bore well
 7. Admin room = 6mx4m with furnitures
 8. Solar Grid- 15kWp
 9. Site cleaning and preparation



| | | | |
|--|-------------------------|----------------------|--------------|
| 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-LAYOUT PLAN | | | |
| Scale :NTS | Sheet Size :- A3 | APPROVED BY | |
| DRG NO.: KUIDFC-MaRS-HAAF-NALATWADA | | CONSULTANTS:- | |
| Drawn By- | Checked By- | Revision | |
| CHECKED BY :- | | | |
| ASSISTANT ENGINEER | ASST.EXECUTIVE ENGINEER | EXECUTIVE ENGINEER | TASK MANAGER |