

NOTE :-AMMENDMENTS CAN BE MADE AS SUGGESTED BY THE CONSULTANTS DUE TO ANY SITE CONDITION.

LEGEND : EXTERNAL SEWERAGE SYSTEM

| S. No. | SYMBOL | DESCRIPTION |
|--------|--------|---|
| 1. | ■ M.H. | SERVICE MANHOLE (600x600 MM) |
| 2. | — | 150 MM Ø SERVICE SEWER LINE |
| 3. | ○ M.H. | MANHOLE |
| 4. | —○— | TRUNK SEWER LINE |
| 5. | ○ M.H. | MANHOLE No. |
| 6. | 00.000 | FORMATION LEVEL (FINISHED ROAD LEVEL) |
| 7. | ---- | K C DRAIN |
| 8. | ---- | SURFACE DRAIN LINE |
| 9. | G.L. | GROUND LEVEL |
| 10. | I.L. | INVERT LEVEL |
| 11. | | |
| 12. | | |
| 13. | | |

NOTES : (SEWERAGE SYSTEM)

- THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
 - a) UPTO 900 M.M. DEEP 900 x 800 M.M.
 - b) 900 TO 2300 M.M. DEEP 1200 x 900 M.M.
 - c) 2300 M.M. & ABOVE 1500 M.M. DIA.
- M. S. RUNGS SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 M.M.
- THE LEVELS OF SEWER LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVEL AND FOR CERTAIN PIPE LENGTHS BETWEEN TWO MANHOLES. THE INVERT LEVELS HAS TO BE STRICTLY FOLLOWED. HOWEVER, THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
- FOR ANY DESCRIPTYENCY / OMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
- MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES :-
 - a) AT THE START OF EACH SEWER LINE.
 - b) AT EVERY JUNCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
 - c) AT NOT MORE THAN 45 METER INTERVAL IN STRAIGHT LENGTH.
- WHERE THE DIAMETER OF PIPE IS INCREASED THE CROWN OF THE PIPE SHALL BE FIXED AT THE SAME LEVEL AND NECESSARY SLOPE SHALL BE GIVEN IN THE INVERT OF THE MANHOLE CHAMBER.

Drg. No. SGT/- ES-01

SPRING GRAND TOWNSHIP

| rev. no. | date | revision |
|----------|------------|-------------------|
| 1 | 22.09.2021 | ISSUED AS PER GFC |

CLIENT
SPRING DEVELOPERS

PROJECT
**PROPOSED TOWNSHIP (SPRING GRAND)
AT KHASRA NO. 430 AND 431 ,
VILLAGE AHMAMAU - LUCKNOW**

DRG TILTLE
LAYOUT PLAN

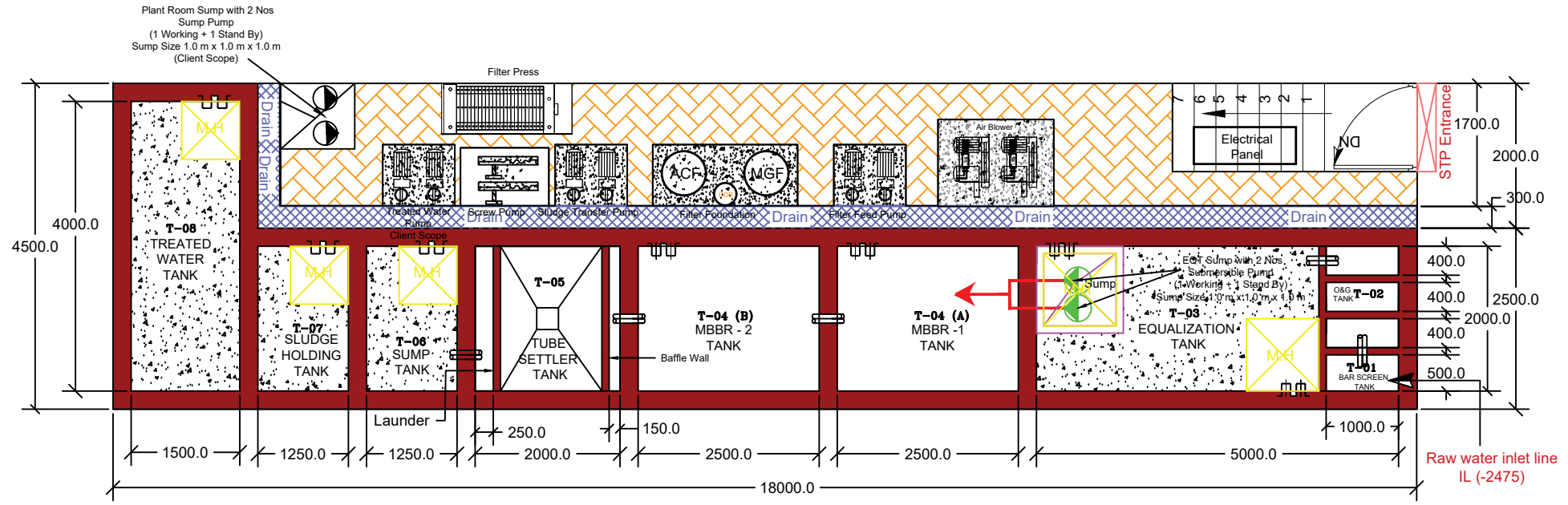
| | | |
|---------------------|----------------|-----------|
| DATE 17 Aug-2021 | SCALE 1:700 | NORTH |
|---------------------|----------------|-----------|

| | |
|-------------------------------------|--|
| <input type="checkbox"/> SUBMISSION | <input type="checkbox"/> INFORMATION |
| <input type="checkbox"/> APPROVAL | <input checked="" type="checkbox"/> CONSTRUCTION |

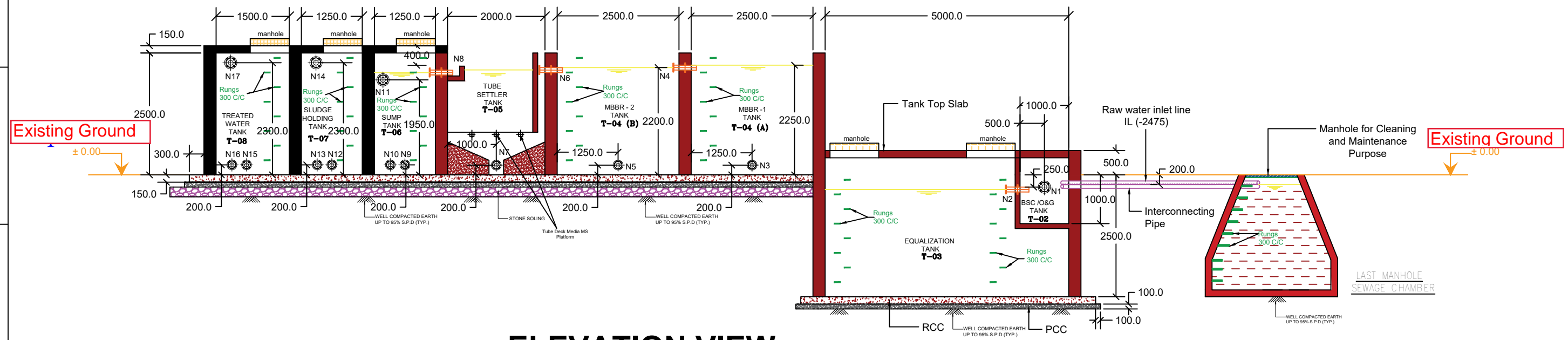
DRG. TITLE
**LAYOUT PLAN
EXTERNAL SEWERAGE SYSTEM**

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PLAN VIEW



ELEVATION VIEW

- Note:
1. All the dimensions are in mm, Unless otherwise stated.
 2. Invert level of incoming water (sewage) as indicate in the drawing.
 3. This Drawing is GA Drawing only for area and volume define.

| | | | | | |
|---|--|----------------------|------------------|------------------|--------------|
| <p>NIRMAL ENVIRO CONSULTANT LGF-92, Khazana Complex, Ashiana, Lucknow U.P-226012 Phone: 0522-4079530, Email: nec@gmail.com</p> | | | | | |
| CLIENT: | SPRING GRANDS TOWNSHIP AHMAMAU LUCKNOW | | | | |
| CONSULTANT: | NIRMAL ENVIRO CONSULTANT | | | | |
| PROJECT: | STP-100 KLD (SEWAGE TREATMENT PLANT) | | | | |
| TITLE: | GA - Drawing | | | | |
| DRW NO: | STP-100KLD/SD/04-R0 | | | | |
| SCALE: | -1:1 | DRN. BY: | PUSHPENDRA SINGH | CHKD. BY: | MANOJ SHARMA |
| | | CLIENT. SIGN. | | DATE: | 29/10/2021 |
| | | | | REV NO:- | R0 |