

## **Schedule 12**

**Allowed and Suggested alignments / Locations for design of the Sewerage Network**

**SURVEY, REVIEW THE DESIGNS, REDESIGN WHERE NECESSARY AND BUILD NEW SEWERAGE NETWORK OF ABOUT 97 KM LENGTH INCLUDING SURVEY, DESIGN, CONSTRUCTION OF 01 No. PUMPING STATIONS AND ALL APPURTENANT STRUCTURES, AND OPERATION & MAINTENANCE OF SEWERAGE NETWORK AND PUMPING STATIONS FOR A PERIOD OF 10 YEARS AT KARMALICHAK IN PATNA, STATE OF BIHAR, INDIA.**

## **List of Drawings**

## **ZONE – VI – SOUTH (PACKAGE-4)**

### **LAYOUT DRAWINGS**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>                   | <b>DRAWINGS NO.</b>  |
|---------------|--|----------------------|
| 1.            | LOCATION MAP OF PATNA CITY             | 1092.01-PH-LAY-01-00 |
| 2.            | WARD MAP OF PATNA CITY                 | 1092.01-PH-LAY-02-00 |
| 3.            | PATNA DEVELOPMENT PLAN-2021            | 1092.01-PH-LAY-03-00 |
| 4.            | POPULATION DENSITY MAP – 2013          | 1092.01-PH-LAY-04-00 |
| 5.            | POPULATION DENSITY MAP – 2032          | 1092.01-PH-LAY-05-00 |
| 6.            | POPULATION DENSITY MAP – 2047          | 1092.01-PH-LAY-06-00 |
| 7.            | EXISTING SEWERAGE SYSTEM               | 1092.01-PH-LAY-07-00 |
| 8.            | PROPOSED SEWERAGE SYSTEM & MAIN TRUNKS | 1092.01-PH-LAY-08-00 |

### **PUMPING STATION DRAWINGS**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>                           | <b>DRAWINGS NO.</b>  |
|---------------|--|----------------------|
| 1.            | <b>Location Plan of Sewage Pumping Station</b> | <b>SPS-L-01</b>      |
| 2.            | G.A.D. OF SEWAGE PUMPING STATION-A (ZONE-VI)   | 1092.01-PH-SPS-11-00 |

### **SEWER NETWORK DRAWINGS**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>               |
|---------------|------------------------------------|
| 1.            | SEWER NETWORK ZONE – VI Sheet No-1 |
| 2.            | SEWER NETWORK ZONE – VI Sheet No-2 |

## STANDARD DRAWINGS

| SL.NO. | DRAWING TITLE  | DRAWINGS NO.         |
|--------|--|----------------------|
| 1.     | Ø 910 DIA, MANHOLE, DEPTH UPTO 0.91 M, MAX.SIZE OF OUT GOING PIPE Ø 350 NP-2                                       | 1092.01-PH-STD-01-00 |
| 2.     | Ø 910 MANHOLE, DEPTH 0.91 – 1.67 M, MAX.SIZE OF OUT GOING PIPE Ø 400 NP-2  | 1092.01-PH-STD-02-00 |
| 3.     | Ø 1220 MANHOLE, DEPTH UPTO 1.68 M, MAX.SIZE OF OUT GOING PIPE Ø 600 NP-3 (SHEET – 1 OF 2)                          | 1092.01-PH-STD-03-00 |
| 4.     | Ø 1220 MANHOLE, DEPTH UPTO 1.68 M, MAX.SIZE OF OUT GOING PIPE Ø 600 NP-3 (SHEET – 2 OF 2)                          | 1092.01-PH-STD-03-00 |
| 5.     | Ø 1220 MANHOLE, DEPTH 1.68 TO 2.29 M, MAX.SIZE OF OUT GOING PIPE 800 NP-3  | 1092.01-PH-STD-04-00 |
| 6.     | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 300 NP-2 WITH 60° CONICAL SHAFT (SHEET – 1 OF 2)  | 1092.01-PH-STD-05-00 |
| 7.     | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 300 NP-2 WITH 60° CONICAL SHAFT (SHEET – 2 OF 2)  | 1092.01-PH-STD-05-00 |
| 8.     | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 500 NP-2 WITH 60° CONICAL SHAFT (SHEET – 1 OF 2)  | 1092.01-PH-STD-06-00 |
| 9.     | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 500 NP-2 WITH 60° CONICAL SHAFT (SHEET – 2 OF 2)  | 1092.01-PH-STD-06-00 |
| 10.    | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 1000 NP-3 WITH 60° CONICAL SHAFT (SHEET – 1 OF 2) | 1092.01-PH-STD-07-00 |
| 11.    | Ø 1520 MANHOLE, DEPTH BEYOND 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 1000 NP-3 WITH 60° CONICAL SHAFT (SHEET – 2 OF 2) | 1092.01-PH-STD-07-00 |
| 12.    | Ø 1820 MANHOLE, DEPTH UPTO 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 1400 NP-3 WITH 60° CONICAL SHAFT (SHEET – 1 OF 2)   | 1092.01-PH-STD-08-00 |
| 13.    | Ø 1820 MANHOLE, DEPTH UPTO 2.30 M, MAX.SIZE OF OUTGOING PIPE Ø 1400 NP-3 WITH 60° CONICAL SHAFT (SHEET – 2 OF 2)   | 1092.01-PH-STD-08-00 |
| 14.    | RECTANGULAR MANHOLE, DEPTH UPTO 6.000 M, MAX. SIZE OF OUTGOING PIPE Ø2200 NP – 3                                   | 1092.01-PH-STD-09-00 |
| 15.    | RECTANGULAR MANHOLE, DEPTH UPTO 6.000 M, MAX. SIZE OF OUTGOING PIPE Ø2400 NP – 3                                   | 1092.01-PH-STD-10-00 |
| 16.    | TYPICAL DETAILS OF PREFAB RCC DROP MANHOLE   | 1092.01-PH-STD-11-00 |
| 17.    | RISING MAIN DISCHARGE MANHOLE  | 1092.01-PH-STD-12-00 |
| 18.    | SCHEMATIC OF RAIL TRACK CROSSING   | 1092.01-PH-STD-13-00 |
| 19.    | TYPICAL DRAWING FOR DIFFERENT CLASSES OF BEDDING FOR SEWER IN TRENCHES   | 1092.01-PH-STD-14-00 |
| 20.    | TYPICAL DETAILS OF BEDDING OF SEWER IN TRENCHES  | 1092.01-PH-STD-15-00 |
| 21.    | MANHOLE DETAIL AT PIPE JUNCTION & ENCASING DETAIL OF SEWER UNDER STREAM BED & ROAD CROSSING                        | 1092.01-PH-STD-19-00 |
| 22.    | TYPICAL DETAILS FOR ROAD RESTORATION   | 1092.01-PH-STD-20-00 |
| 23.    | TYPICAL CONNECTION FROM PROPERTY LINE TO SEWER LINE (TYPE – 1)   | 1092.01-PH-STD-21-00 |
| 24.    | TYPICAL CONNECTION FROM PROPERTY LINE TO SEWER LINE (TYPE – 2)   | 1092.01-PH-STD-22-00 |

### **SEWERAGE L-SECTION OF ZONE – VI (SPS-A)**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>   | <b>DRAWING NO.</b>     |
|---------------|--|------------------------|
| 1             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 1, (SPS-A)     | 1092.01-PH-ZVI-T1-01   |
| 2             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 1, (SPS-A)     | 1092.01-PH-ZVI-T1-02   |
| 3             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 1, (SPS-A)     | 1092.01-PH-ZVI-T1-03   |
| 4             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-01 |
| 5             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-02 |
| 6             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-03 |
| 7             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-04 |
| 8             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-05 |
| 9             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-06 |
| 10            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-07 |
| 11            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-08 |
| 12            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 1, (SPS-A)  | 1092.01-PH-ZVI-T1-S-09 |
| 13            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-01 |
| 14            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-02 |
| 15            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-03 |
| 16            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-04 |
| 17            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-05 |
| 18            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-06 |
| 19            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-07 |
| 20            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-08 |
| 21            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-09 |
| 22            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-10 |
| 23            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-11 |
| 24            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-12 |
| 25            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-C-13 |
| 26            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A)   | 1092.01-PH-ZVI-T1-L-01 |

## **SEWERAGE L-SECTION OF ZONE – VI (SPS-A)**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>   | <b>DRAWING NO.</b>     |
|---------------|--|------------------------|
| 27            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-02 |
| 28            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-03 |
| 29            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-04 |
| 30            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-05 |
| 31            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-06 |
| 32            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 1, (SPS-A) | 1092.01-PH-ZVI-T1-L-07 |
|               |  |                        |
| 33            | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 2            | 1092.01-PH-ZVI-T2-01   |
| 34            | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 2            | 1092.01-PH-ZVI-T2-02   |
| 35            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 2         | 1092.01-PH-ZVI-T2-S-01 |
| 36            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 2         | 1092.01-PH-ZVI-T2-S-02 |
| 37            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 2         | 1092.01-PH-ZVI-T2-S-03 |
| 38            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 2         | 1092.01-PH-ZVI-T2-S-04 |
| 39            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 2        | 1092.01-PH-ZVI-T2-C-01 |
| 40            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 2        | 1092.01-PH-ZVI-T2-C-02 |
| 41            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 2        | 1092.01-PH-ZVI-T2-C-03 |
| 42            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 2        | 1092.01-PH-ZVI-T2-C-04 |
| 43            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 2        | 1092.01-PH-ZVI-T2-C-05 |
| 44            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 2          | 1092.01-PH-ZVI-T2-L-01 |
| 45            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 2          | 1092.01-PH-ZVI-T2-L-02 |
|               |  |                        |
| 46            | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 3            | 1092.01-PH-ZVI-T3-01   |
| 47            | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 3            | 1092.01-PH-ZVI-T3-02   |
| 48            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 3         | 1092.01-PH-ZVI-T3-S-01 |
| 49            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 3         | 1092.01-PH-ZVI-T3-S-02 |
| 50            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 3         | 1092.01-PH-ZVI-T3-S-03 |
| 51            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 3         | 1092.01-PH-ZVI-T3-S-04 |
| 52            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3        | 1092.01-PH-ZVI-T3-C-01 |

### **SEWERAGE L-SECTION OF ZONE – VI (SPS-A)**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>                                  | <b>DRAWING NO.</b>     |
|---------------|---|------------------------|
| 53            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-02 |
| 54            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-03 |
| 55            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-04 |
| 56            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-05 |
| 57            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-06 |
| 58            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 3 | 1092.01-PH-ZVI-T3-C-07 |
| 59            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-01 |
| 60            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-02 |
| 61            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-03 |
| 62            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-04 |
| 63            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-05 |
| 64            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-06 |
| 65            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-07 |
| 66            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-08 |
| 67            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 3   | 1092.01-PH-ZVI-T3-L-09 |

### **SEWERAGE L-SECTION OF ZONE – VI (STP)**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>  | <b>DRAWING NO.</b>     |
|---------------|---|------------------------|
| 1             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 4, (STP)    | 1092.01-PH-ZVI-T4-01   |
| 2             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 4, (STP)    | 1092.01-PH-ZVI-T4-02   |
| 3             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 4, (STP)    | 1092.01-PH-ZVI-T4-03   |
| 4             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 4, (STP)    | 1092.01-PH-ZVI-T4-04   |
| 5             | SEWERAGE L-SECTION OF TRUNK, ZONE – VI, TRUNK – 4, (STP)    | 1092.01-PH-ZVI-T4-05   |
| 6             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-S-01 |
| 7             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-S-02 |

### **SEWERAGE L-SECTION OF ZONE – VI (STP)**

| <b>SL.NO.</b> | <b>DRAWING TITLE</b>   | <b>DRAWING NO.</b>     |
|---------------|--|------------------------|
| 8             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-03 |
| 9             | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-04 |
| 10            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-05 |
| 11            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-06 |
| 12            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-07 |
| 13            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-08 |
| 14            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-09 |
| 15            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-10 |
| 16            | SEWERAGE L-SECTION OF SUBTRUNK, ZONE – VI, TRUNK – 4, (STP)  | 1092.01-PH-ZVI-T4-S-11 |
| 17            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-01 |
| 18            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-02 |
| 19            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-03 |
| 20            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-04 |
| 21            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-05 |
| 22            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-06 |
| 23            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-07 |
| 24            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-08 |
| 25            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-09 |
| 26            | SEWERAGE L-SECTION OF COLLECTOR, ZONE – VI, TRUNK – 4, (STP) | 1092.01-PH-ZVI-T4-C-10 |
| 27            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-01 |
| 28            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-02 |
| 29            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-03 |
| 30            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-04 |
| 31            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-05 |
| 32            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-06 |
| 33            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-07 |
| 34            | SEWERAGE L-SECTION OF LATERAL, ZONE – VI, TRUNK – 4, (STP)   | 1092.01-PH-ZVI-T4-L-08 |