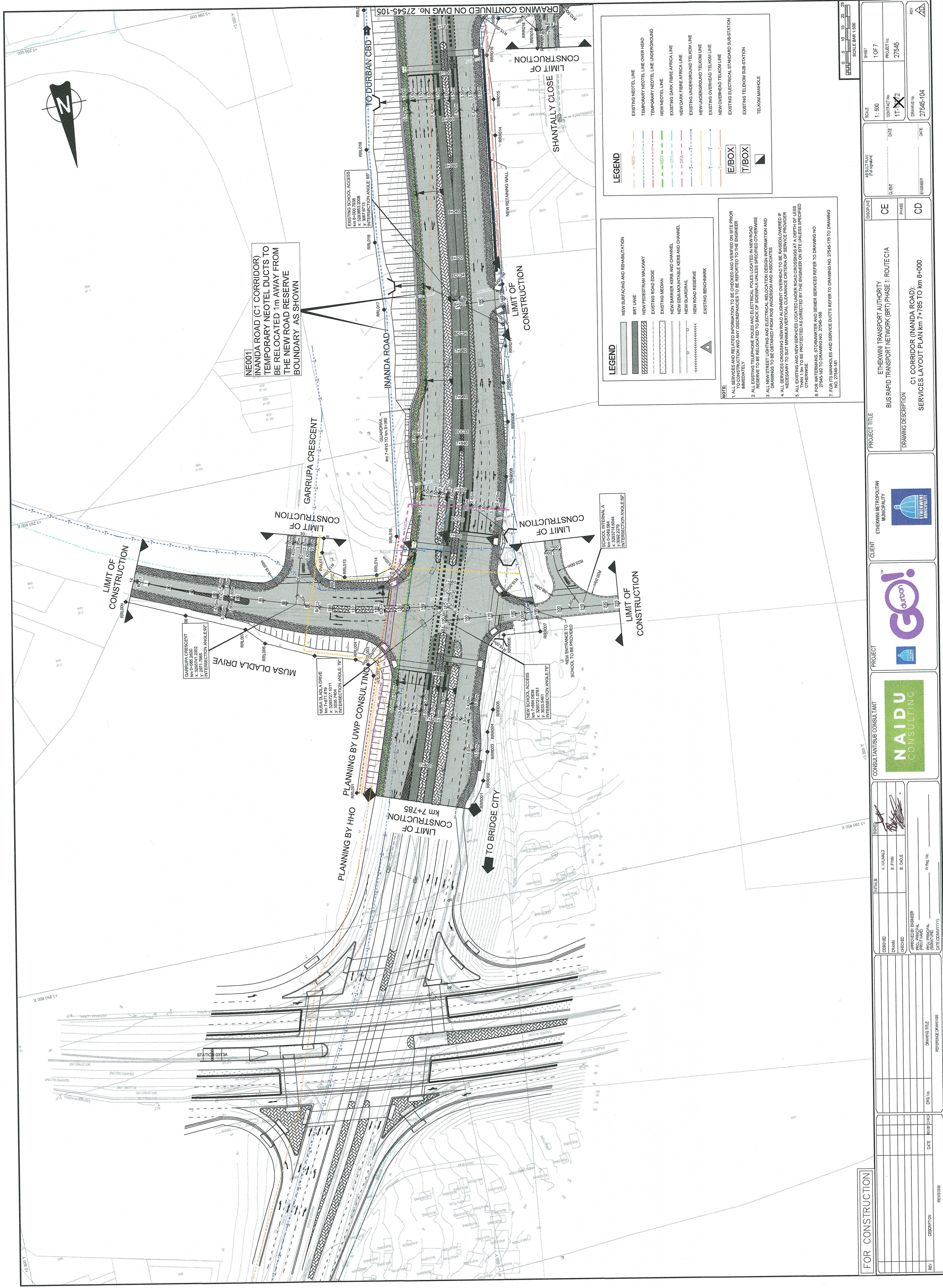
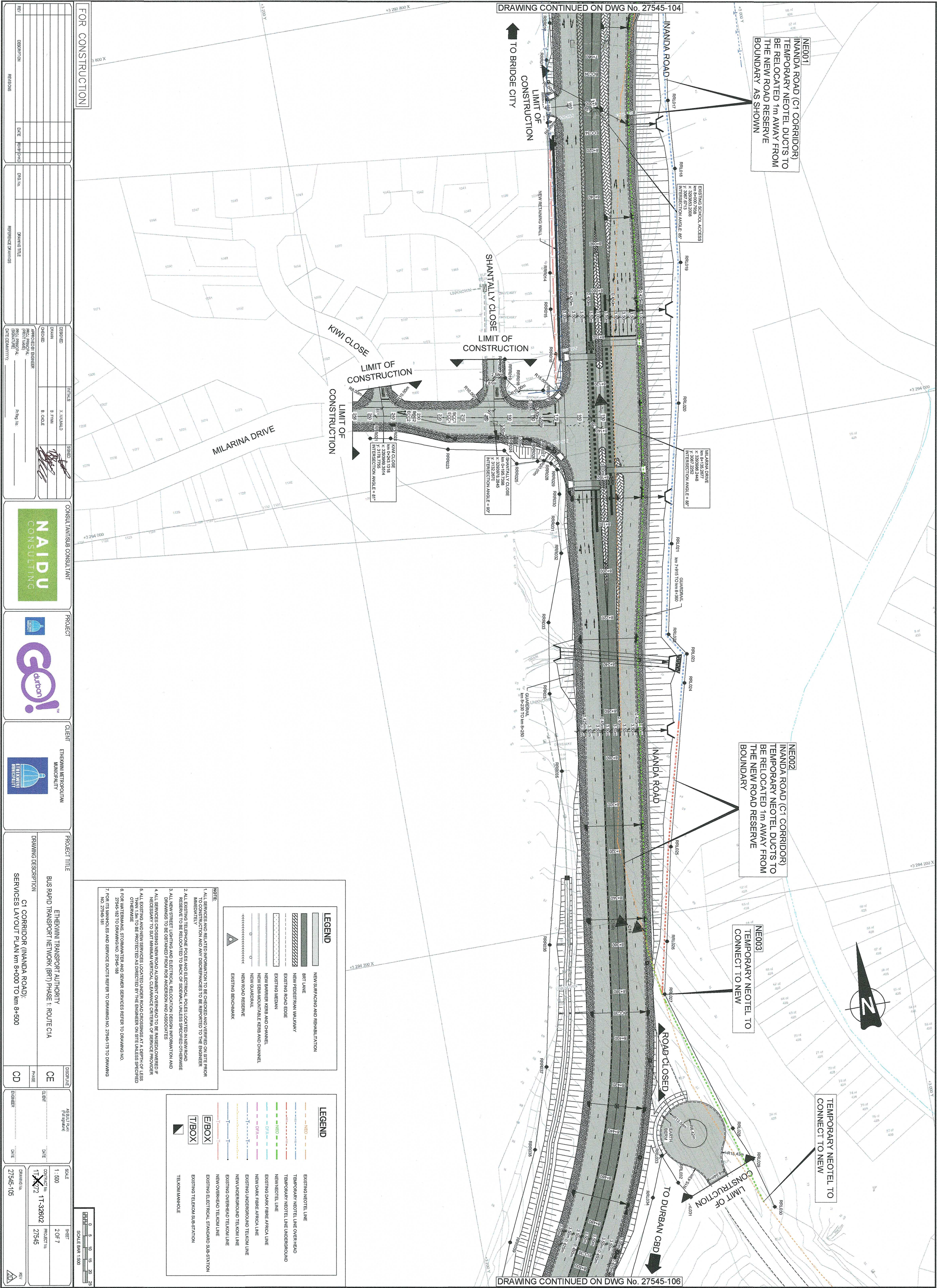


[illegible]



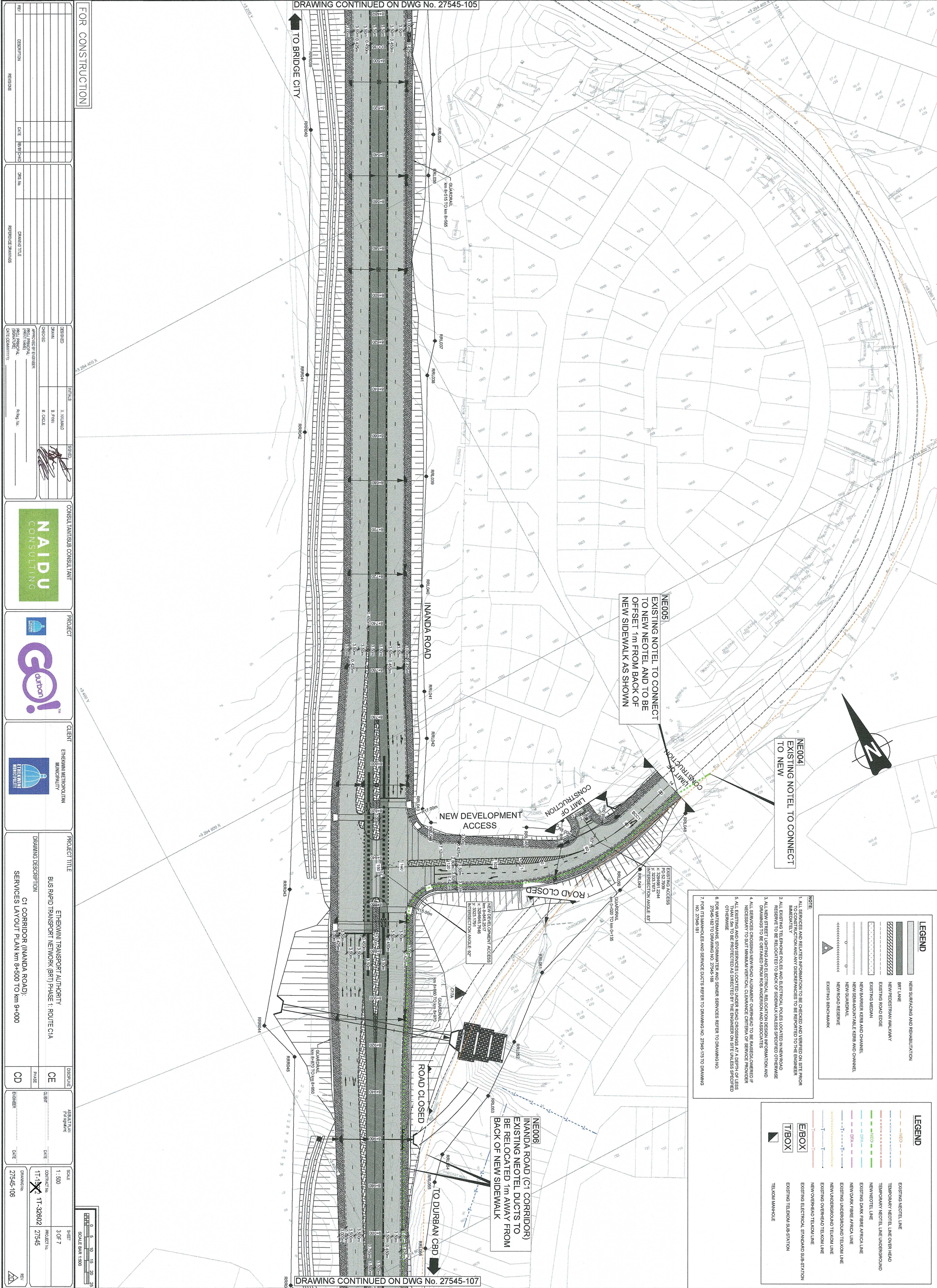


FOR CONSTRUCTION

|           |                                     |               |            |             |            |
|-----------|-------------------------------------|---------------|------------|-------------|------------|
| REVISIONS |                                     | DRAWING TITLE |            | DRAWING NO. |            |
| REV       | DESCRIPTION                         | DATE          | BY         | CHKD        | APP'D      |
| 1         | ISSUED FOR CONSTRUCTION             | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 2         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 3         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 4         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 5         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 6         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 7         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 8         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 9         | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |
| 10        | REVISED TO INCLUDE NEW ROAD RESERVE | 2024-07-15    | J. JOHNSON | J. JOHNSON  | J. JOHNSON |

|                                                                     |  |                                                      |  |                                     |  |
|---------------------------------------------------------------------|--|------------------------------------------------------|--|-------------------------------------|--|
| CONSULTANT/ISSUED CONSULTANT                                        |  | PROJECT                                              |  | CLIENT                              |  |
| NAIDU CONSULTING                                                    |  | ETHEKWINI METROPOLITAN MUNICIPALITY                  |  | ETHEKWINI METROPOLITAN MUNICIPALITY |  |
| PROJECT TITLE                                                       |  | BUS RAPID TRANSPORT NETWORK (BRT) PHASE 1: ROUTE C1A |  | DRAWING DESCRIPTION                 |  |
| C1 CORRIDOR (NANDA ROAD): SERVICES LAYOUT PLAN km 8+000 TO km 8+500 |  | CD                                                   |  | CD                                  |  |
| SCALE                                                               |  | 1:300                                                |  | DRAWING NO.                         |  |
| 2027                                                                |  | 27545                                                |  | 27545-105                           |  |
| SHEET                                                               |  | 2027                                                 |  | 27545                               |  |
| PROJECT NO.                                                         |  | 27545                                                |  | 27545                               |  |
| DATE                                                                |  | 2024-07-15                                           |  | 2024-07-15                          |  |
| DRAWING NO.                                                         |  | 27545                                                |  | 27545                               |  |
| 27545-105                                                           |  | 27545                                                |  | 27545                               |  |





DRAWING CONTINUED ON DWG No. 27545-105

DRAWING CONTINUED ON DWG No. 27545-107

NE004  
EXISTING NOTEL TO CONNECT  
TO NEW

NE005  
EXISTING NOTEL TO CONNECT  
TO NEW NOTEL AND TO BE  
OFFSET 1m FROM BACK OF  
NEW SIDEWALK AS SHOWN

- LEGEND**
- NEW SURFACING AND REHABILITATION
  - BRT LANE
  - NEW PEDESTRIAN WALKWAY
  - EXISTING ROAD EDGE
  - EXISTING MEDIAN
  - NEW BARRIER KERB AND CHANNEL
  - NEW SEMI-MOUNTABLE KERB AND CHANNEL
  - NEW GRADEBUILT
  - NEW ROAD RESERVE
  - EXISTING BENCHMARK

- LEGEND**
- EXISTING NEOTEL LINE
  - TEMPORARY NEOTEL LINE OVER HEAD
  - TEMPORARY NEOTEL LINE UNDERGROUND
  - NEW NEOTEL LINE
  - EXISTING DARK FIBRE AFRICA LINE
  - NEW DARK FIBRE AFRICA LINE
  - EXISTING UNDERGROUND TELKOM LINE
  - NEW UNDERGROUND TELKOM LINE
  - EXISTING OVERHEAD TELKOM LINE
  - NEW OVERHEAD TELKOM LINE
  - EXISTING ELECTRICAL STANDARD SUBSTATION
  - EXISTING TELKOM SUBSTATION
  - TELKOM MANHOLE

- NOTE**
1. ALL SERVICES AND RELATED INFORMATION TO BE CHECKED AND VERIFIED ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY
  2. ALL EXISTING TELEPHONE POLES AND ELECTRICAL POLES LOCATED IN NEW ROAD RESERVE TO BE RELOCATED TO BACK OF SUBSTANTIAL ADJACENT PROPERTY OR OTHERWISE
  3. ALL NEW STREET LIGHTING AND ELECTRICAL RELAY/CONTROL DEVICES INFORMATION AND DIMENSIONS TO BE OBTAINED FROM THE MANUFACTURER AND REPRODUCED
  4. ALL SERVICES CROSSING NEW ROAD ALIGNMENT OVERHEAD TO BE BASED ON OWNED IF NECESSARY TO SET MINIMUM OVERHEAD CLEARANCE OF SERVICES FROM ROAD
  5. ALL EXISTING TO SET MINIMUM OVERHEAD CLEARANCE OF SERVICES FROM ROAD OTHERWISE TO BE PROTECTED AND MAINTAINED BY THE OWNER ON THE ADJACENT PROPERTY
  6. FOR WATERMANS, STORMWATER AND SEWER SERVICES REFER TO DRAWING NO. 27545-182
  7. FOR ITS MANHOLES AND SERVICE DUCTS REFER TO DRAWING NO. 27545-175 TO DRAWING NO. 27545-181

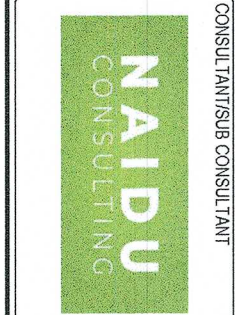
FOR CONSTRUCTION

| REV | DESCRIPTION | DATE | REVISIONS |
|-----|-------------|------|-----------|
|     |             |      |           |
|     |             |      |           |
|     |             |      |           |
|     |             |      |           |
|     |             |      |           |

| DESIGNED | INTENTS    | SIGNED |
|----------|------------|--------|
|          | X. NOKALLO |        |
|          | B. FINN    |        |
|          | B. GALE    |        |

APPROVED BY ENGINEER:  
PROJ. MANAGER:  
DATE: 01/01/2017

PI Reg. No.  



**PROJECT TITLE**  
ETHEKWINI TRANSPORT AUTHORITY  
BUS RAPID TRANSPORT NETWORK (BRT) PHASE 1: ROUTE C1A

**DRAWING DESCRIPTION**  
C1 CORRIDOR (NANDA ROAD):  
SERVICES LAYOUT PLAN km 8+500 TO km 9+000

**DISCIPLINE**  
CE

**ASSISTANT**  
P. NOKALLO

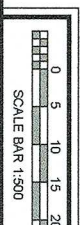
**DATE**  
17-11-2017

**SCALE**  
1:500

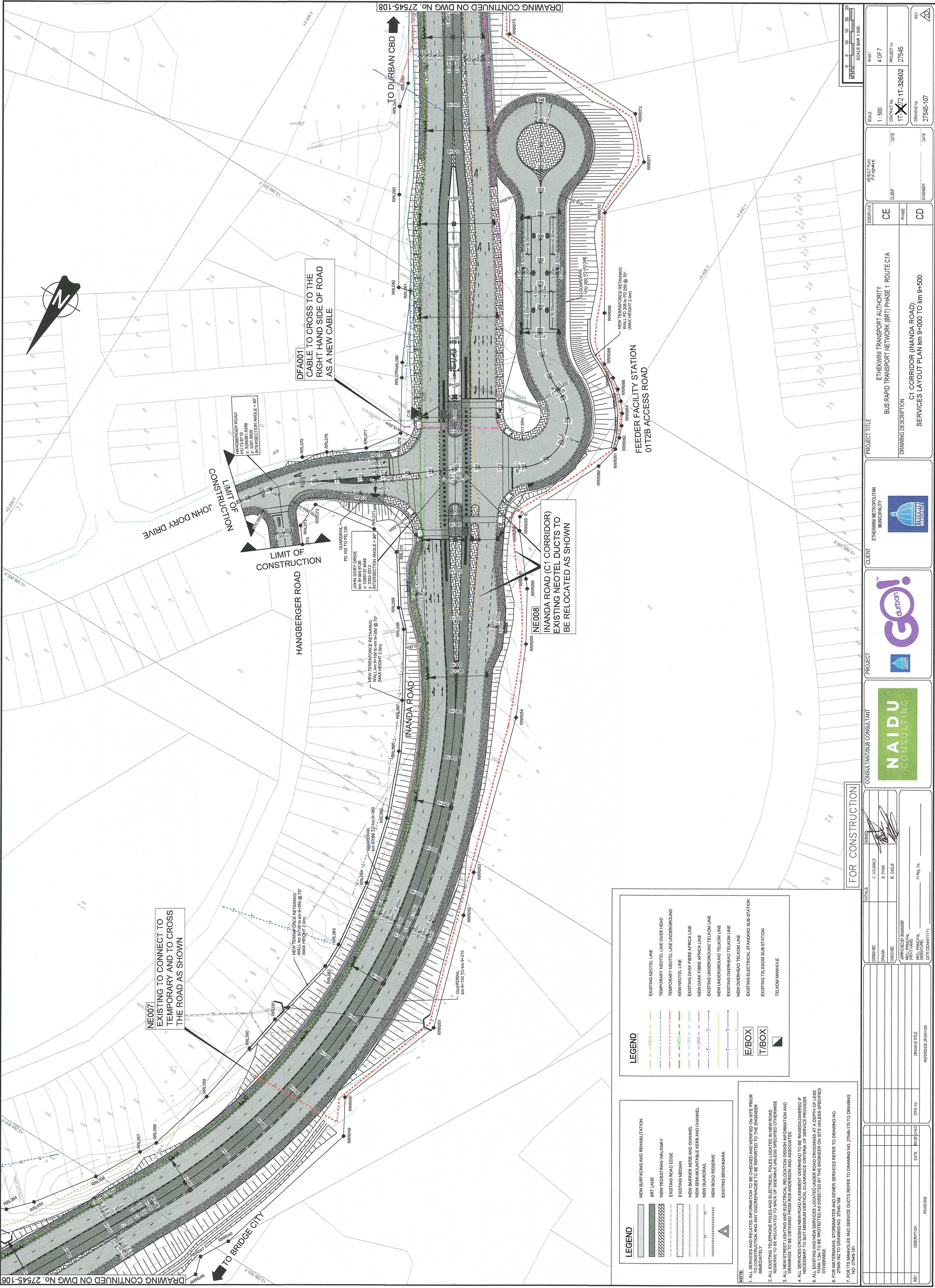
**SHEET**  
3 OF 7

**PROJECT No.**  
11-32602

**DRAWING No.**  
27545-106







**LEGEND**

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| EXISTING NEOTEL LINE                     | NEW SURFACING AND REHABILITATION    |
| TEMPORARY NEOTEL LINE OVERHEAD           | BRT LANE                            |
| TEMPORARY NEOTEL LINE UNDERGROUND        | NEW PEDESTRIAN VALUARY              |
| NEW NEOTEL LINE                          | EXISTING ROAD EDGE                  |
| EXISTING DARK FIBRE AFRICA LINE          | EXISTING MEDIAN                     |
| NEW DARK FIBRE AFRICA LINE               | NEW BARRIER KERB AND CHANNEL        |
| EXISTING UNDERGROUND TELKOM LINE         | NEW SEMI-MOUNTABLE KERB AND CHANNEL |
| NEW UNDERGROUND TELKOM LINE              | NEW GUARDRAIL                       |
| EXISTING OVERHEAD TELKOM LINE            | NEW ROAD RESERVE                    |
| NEW OVERHEAD TELKOM LINE                 | EXISTING BENCHMARK                  |
| EXISTING ELECTRICAL STANDARD SUB-STATION |                                     |
| EXISTING TELKOM SUB-STATION              |                                     |
| TELKOM MANHOLE                           |                                     |

**LEGEND**

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| NEW SURFACING AND REHABILITATION    | NEW PEDESTRIAN VALUARY              |
| BRT LANE                            | EXISTING ROAD EDGE                  |
| NEW PEDESTRIAN VALUARY              | EXISTING MEDIAN                     |
| EXISTING ROAD EDGE                  | NEW BARRIER KERB AND CHANNEL        |
| EXISTING MEDIAN                     | NEW SEMI-MOUNTABLE KERB AND CHANNEL |
| NEW BARRIER KERB AND CHANNEL        | NEW GUARDRAIL                       |
| NEW SEMI-MOUNTABLE KERB AND CHANNEL | NEW ROAD RESERVE                    |
| NEW GUARDRAIL                       | EXISTING BENCHMARK                  |
| NEW ROAD RESERVE                    |                                     |
| EXISTING BENCHMARK                  |                                     |

**FOR CONSTRUCTION**

|                      |                   |
|----------------------|-------------------|
| INITIALS             | DATE              |
| DESIGNED             | 1. L. L. L. L. L. |
| DRAWN                | 2. F. F. F. F. F. |
| CHECKED              | 3. C. C. C. C. C. |
| APPROVED BY ENGINEER | 4. A. A. A. A. A. |
| PROJ. MGR.           | 5. P. P. P. P. P. |
| DATE                 | 6. D. D. D. D. D. |

DRAWING TITLE: REFERENCE DRAWINGS

**PROJECT**

CONSULTANT/SUB CONSULTANT

**NAIDU CONSULTING**

**CLIENT**

ETHEKWINI METROPOLITAN MUNICIPALITY

**GO! eThekweni**

**PROJECT TITLE**

ETHEKWINI TRANSPORT AUTHORITY  
BUS RAPID TRANSPORT NETWORK (BRT) PHASE 1: ROUTE C1A

**DRAWING DESCRIPTION**

C1 CORRIDOR (INANDA ROAD):  
SERVICES LAYOUT PLAN km 9+000 TO km 9+500

**DISCIPLINE**

CE

**PHASE**

CD

**SCALE**

1:500

**SHEET**

4 OF 7

**DATE**

11-11-2021

**PROJECT NO.**

27545

**DRAWING NO.**

27545-107

**REVISION**

27545-107

**NOTE:**

1. ALL SERVICES AND RELATED INFORMATION TO BE CHECKED AND VERIFIED ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY
2. ALL EXISTING TELEPHONE POLES AND ELECTRICAL POLES LOCATED IN NEW ROAD RESERVE TO BE RELOCATED TO BACK OF SIDEWALK UNLESS SPECIFIED OTHERWISE
3. ALL NEW STREET LIGHTING AND ELECTRICAL RELOCATION DESIGN INFORMATION AND DRAWINGS TO BE OBTAINED FROM ROB ANDERSON AND ASSOCIATES
4. ALL SERVICES CROSSING NEW ROAD ALIGNMENT OVERHEAD TO BE BASED/LOWERED IF NECESSARY TO SUIT MINIMUM VERTICAL CLEARANCE CRITERIA OF SERVICE PROVIDER
5. ALL EXISTING AND NEW SERVICES LOCATED UNDER ROAD CROSSINGS AT A DEPTH OF LESS THAN 1.0m TO BE PROTECTED AS DIRECTED BY THE ENGINEER ON SITE UNLESS SPECIFIED OTHERWISE
6. FOR WATER MAINS, SEWER MAINS AND SEWER SERVICES REFER TO DRAWING NO. 27545-106
7. FOR ITS MANHOLES AND SERVICE DUCTS REFER TO DRAWING NO. 27545-107 TO DRAWING NO. 27545-108



