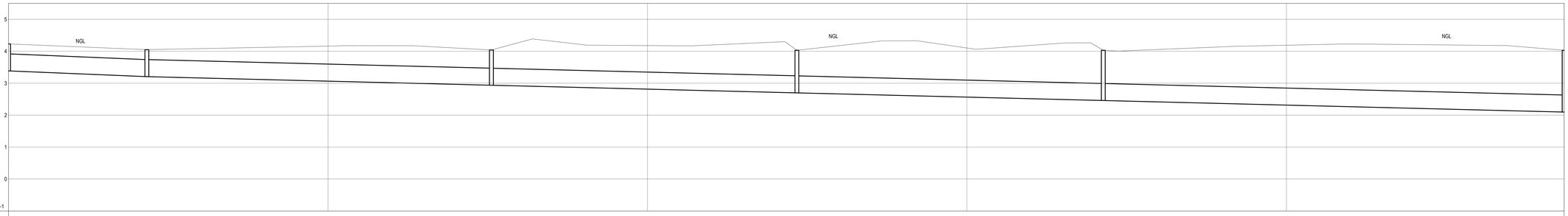
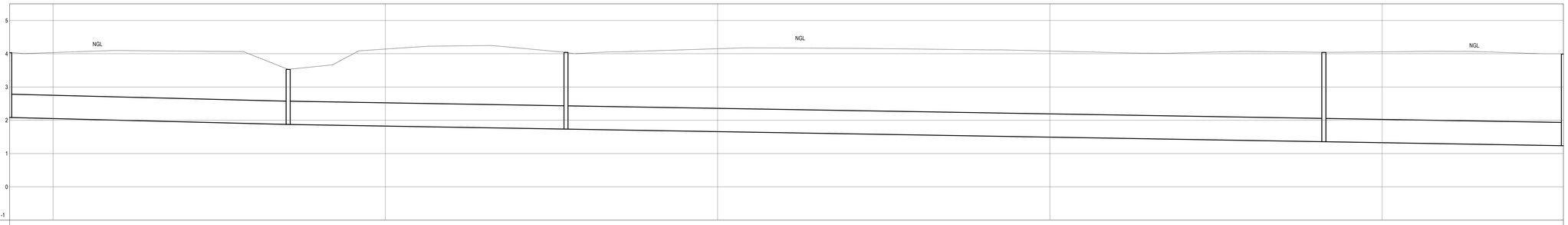



*Horizontal Scale: 500*
*Vertical Scale :50*

| | | | | | | |
|---|---|---|---|---|---|---|
| CHAINAGE | 0.000 | 43.288 | 151.139 | 246.764 | 342.674 | 486.933 |
| MANHOLE NAME | SM1 | SM2 | SM3 | SM4 | SM5 | SM6 |
| COVER LEVEL | 4.23 | 4.05 | 4.04 | 4.03 | 4.03 | 4.03 |
| INLET LEVEL | 3.43 | 3.25 / 3.25 | 2.88 / 2.88 | 2.74 / 2.74 | 2.50 / 2.50 | 2.14 / 2.14 |
| DEPTH | 0.80 | 0.80 | 1.06 | 1.29 | 1.53 | 1.89 |
| LENGTH | 43.29 m | 107.85 m | 95.63 m | 95.91 m | 144.26 m | |
| CLASS/SIZE | 450 mm 50D Concrete | 450 mm 100D Concrete | 450 mm 100D Concrete | 450 mm 100D Concrete | 450 mm 100D Concrete | |
| SLOPE | 1:240.489 | 1:400.000 | 1:400.000 | 1:400.000 | 1:400.000 | |

Manhole SM1 to SM6




*Horizontal Scale: 500*
*Vertical Scale :50*

| | | | | | |
|---|---|---|---|---|---|
| CHAINAGE | 486.933 | 570.749 | 654.372 | 882.468 | 954.558 |
| MANHOLE NAME | SM6 | SM7 | SM8 | SM9 | SM10 |
| COVER LEVEL | 4.03 | 3.53 | 4.04 | 4.04 | 3.99 |
| INLET LEVEL | 2.14 | 1.93 / 1.93 | 1.79 / 1.79 | 1.41 / 1.41 | 1.29 / 1.29 |
| DEPTH | 1.89 | 1.60 | 2.25 | 2.63 | 2.70 |
| LENGTH | 83.82 m | 83.62 m | 228.09 m | | 72.10 m |
| CLASS/SIZE | 600 mm 100D Concrete | 600 mm 100D Concrete | 600 mm 100D Concrete | | 600 mm 100D Concrete |
| SLOPE | 1:400.000 | 1:599.999 | 1:599.999 | | 1:599.999 |

Manhole SM6 to SM10

| DRAWING NO. | DESCRIPTION |
|---|---|
| 5200157-2-001-C-LA-0001-01 | STOCKYARD AREA GENERAL LAYOUT |
| 5200157-2-001-C-LA-0001-02 | STOCKYARD AREA STORMWATER LAYOUT |
| 5200157-2-001-C-LA-0001-03 | DEMOLITION LAYOUT |
| 5200157-2-001-C-SE-0001-01 | STOCKYARD AREA STORMWATER LONG SECTIONS SHEET 1 OF 3 |
| 5200157-2-001-C-SE-0001-02 | STOCKYARD AREA STORMWATER LONG SECTIONS SHEET 2 OF 3 |
| 5200157-2-001-C-SE-0001-03 | STOCKYARD AREA STORMWATER LONG SECTIONS SHEET 3 OF 3 |
| 5200157-2-001-C-DE-0001-01 | STOCKYARD AREA POND DETAILS |
| 5200157-2-001-C-DE-0001-02 | TYPICAL STORMWATER MANHOLE DETAILS |
| 5200157-2-001-C-DE-0001-03 | TYPICAL STORMWATER GRID INLET & CATCHPIT DETAILS |
| 5200157-2-001-C-DE-0001-04 | TYPICAL HEADWALL, SCOUR & CONCRETE ENCASEMENT DETAILS |
| DRAWING NO. | REFERENCE |

REFERENCE DRAWINGS

NOTES:

a. MEASUREMENTS ARE BASED ON METRIC SYSTEM.
b. ALL LEVELS ARE IN METERS TO MEAN SEA LEVELS (MSL)
c. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
d. THE CONTRACTOR SHALL VERFIY ALL SERVICES OR CONDITIONS ON THE SITE AND NOTIFY THE ENGINEERING OF ANY VARIATIONS FROM DIMENSIONS BEFORE CONSTRUCTION.

REVISIONS

| NO. | DESCRIPTION | BY | CHKD | APPD | DATE |
|---|---|---|---|---|---|
| 01 | ISSUED FOR CONSTRUCTION | HD | RM | RN | 28/04/2023 |
| 00 | ISSUED FOR CLIENT APPROVAL | HD | RM | RN | 28/10/2022 |

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| CONTRACTOR / CONSULTANT | | | |
|---|---|---|---|
| TITLE | NAME | SIGN | DATE |
| | | | |

| OPERATING DIVISIONS | | | |
|---|---|---|---|
| TITLE | NAME | SIGN | DATE |
| | | | |

| TRANSNET PORT TERMINALS | | | |
|---|---|---|---|
| TITLE | NAME | SIGN | DATE |
| DRAWN | HvdW | | 28 10 22 |
| CHECKED | RM | | 28 10 22 |
| DESIGNED | HvdW | | 28 10 22 |
| CHECKED | RM | | 28 10 22 |

| PR.ENG. / PR.TECH./PR. ARCH | |
|---|---|
| NAME | R. NAIDOO |
| SIGNATURE | |
| REG. NUMBER | 20107016 |
| SCALE : | AS SHOWN |

DATE: 28 04 23

Transnet Port Terminals

TRANSNET

**PORT OF SALDANHA**

SALDANHA STORMWATER MANAGEMENT
STOCKYARD AREA
STORMWATER LONG SECTIONS
SHEET 1 OF 3

| PROJECT NUMBER | OD | FBS | DIS | TYPE | DRAWING NO. | SHEET | REV | ID |
|---|---|---|---|---|---|---|---|---|
| 5200157-2 | 001 | C | SE | 0001 | 01 | 01 | 01 | HD |

A0