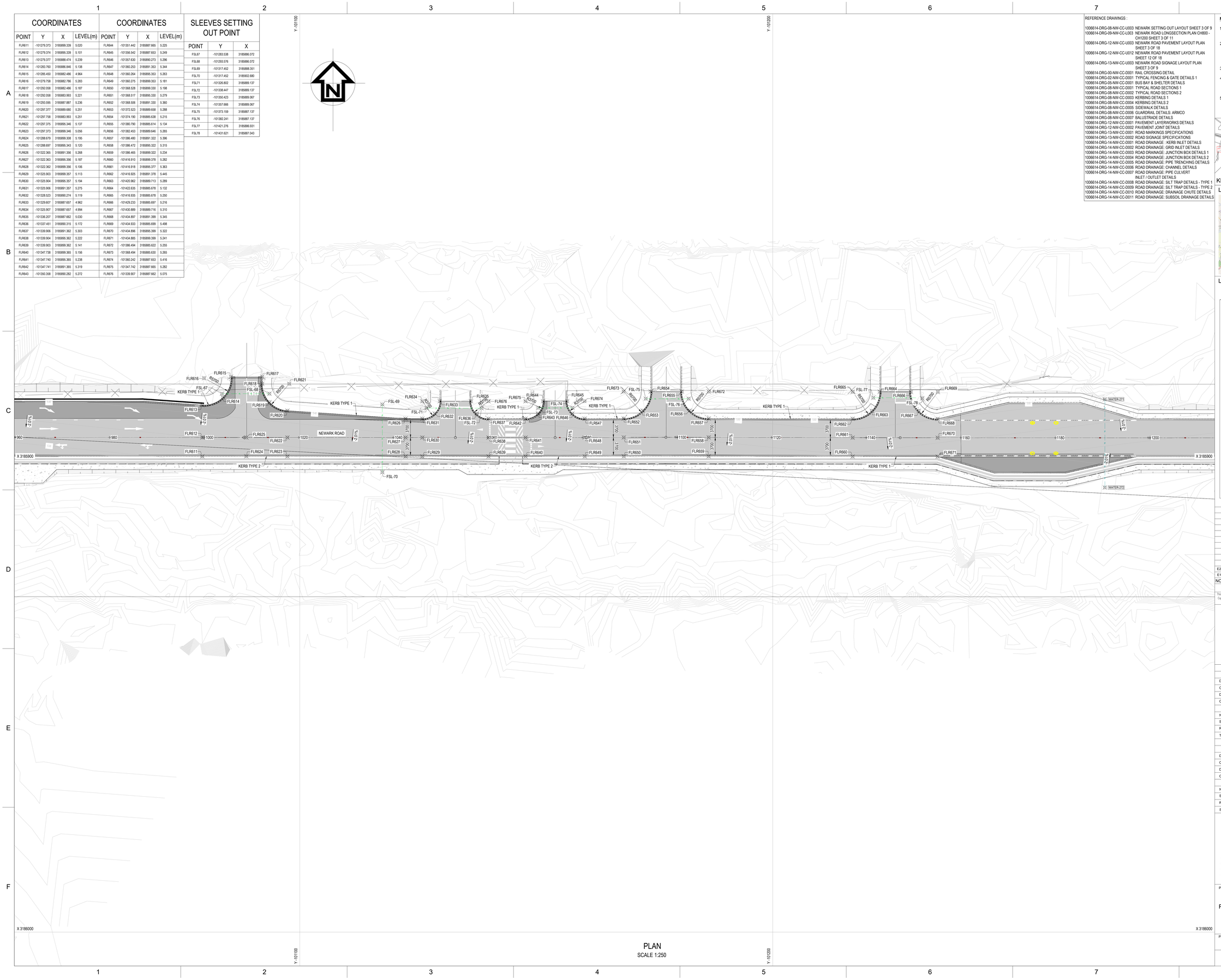
| COORDINATES | | | | COORDINATES | | | |
|---|---|---|---|---|---|---|---|
| POINT | Y | X | LEVEL(m) | POINT | Y | X | LEVEL(m) |
| FLR611 | -101279.373 | 3185899.339 | 5.020 | FLR644 | -101351.442 | 3185887.665 | 5.225 |
| FLR612 | -101279.374 | 3185896.339 | 5.101 | FLR645 | -101356.542 | 3185887.653 | 5.249 |
| FLR613 | -101279.377 | 3185888.474 | 5.239 | FLR646 | -101357.630 | 3185890.273 | 5.296 |
| FLR614 | -101283.760 | 3185886.846 | 5.138 | FLR647 | -101360.253 | 3185891.353 | 5.344 |
| FLR615 | -101285.450 | 3185882.486 | 4.964 | FLR648 | -101360.264 | 3185895.353 | 5.263 |
| FLR616 | -101279.758 | 3185882.786 | 5.283 | FLR649 | -101360.275 | 3185899.353 | 5.181 |
| FLR617 | -101292.058 | 3185882.486 | 5.187 | FLR650 | -101368.528 | 3185899.330 | 5.198 |
| FLR618 | -101292.058 | 3185883.993 | 5.221 | FLR651 | -101368.517 | 3185895.330 | 5.279 |
| FLR619 | -101293.595 | 3185887.887 | 5.236 | FLR652 | -101368.506 | 3185891.330 | 5.360 |
| FLR620 | -101297.377 | 3185889.680 | 5.251 | FLR653 | -101372.523 | 3185889.658 | 5.288 |
| FLR621 | -101297.758 | 3185883.993 | 5.251 | FLR654 | -101374.190 | 3185885.638 | 5.215 |
| FLR622 | -101297.375 | 3185896.346 | 5.137 | FLR655 | -101380.790 | 3185885.614 | 5.134 |
| FLR623 | -101297.373 | 3185899.346 | 5.056 | FLR656 | -101382.453 | 3185889.646 | 5.265 |
| FLR624 | -101288.679 | 3185899.308 | 5.195 | FLR657 | -101386.480 | 3185891.322 | 5.396 |
| FLR625 | -101288.697 | 3185896.343 | 5.120 | FLR658 | -101386.472 | 3185895.322 | 5.315 |
| FLR626 | -101322.365 | 3185891.356 | 5.268 | FLR659 | -101396.465 | 3185899.322 | 5.234 |
| FLR627 | -101322.363 | 3185896.356 | 5.187 | FLR660 | -101416.910 | 3185899.378 | 5.282 |
| FLR628 | -101322.362 | 3185899.356 | 5.106 | FLR661 | -101416.918 | 3185896.377 | 5.363 |
| FLR629 | -101325.903 | 3185899.357 | 5.113 | FLR662 | -101416.925 | 3185891.378 | 5.445 |
| FLR630 | -101325.904 | 3185896.357 | 5.194 | FLR663 | -101420.962 | 3185889.713 | 5.289 |
| FLR631 | -101325.906 | 3185891.357 | 5.275 | FLR664 | -101422.635 | 3185885.678 | 5.132 |
| FLR632 | -101328.523 | 3185890.274 | 5.119 | FLR665 | -101416.935 | 3185885.678 | 5.250 |
| FLR633 | -101329.607 | 3185887.657 | 4.962 | FLR666 | -101429.233 | 3185885.697 | 5.216 |
| FLR634 | -101325.907 | 3185887.657 | 4.994 | FLR667 | -101430.889 | 3185889.716 | 5.310 |
| FLR635 | -101336.207 | 3185887.662 | 5.030 | FLR668 | -101434.897 | 3185891.399 | 5.345 |
| FLR636 | -101337.451 | 3185890.315 | 5.172 | FLR669 | -101434.933 | 3185885.699 | 5.498 |
| FLR637 | -101339.906 | 3185891.362 | 5.303 | FLR670 | -101434.896 | 3185895.399 | 5.322 |
| FLR638 | -101339.904 | 3185896.362 | 5.222 | FLR671 | -101434.885 | 3185899.399 | 5.241 |
| FLR639 | -101339.903 | 3185899.362 | 5.141 | FLR672 | -101386.494 | 3185885.622 | 5.255 |
| FLR640 | -101347.738 | 3185899.365 | 5.156 | FLR673 | -101368.494 | 3185885.630 | 5.265 |
| FLR641 | -101347.740 | 3185896.365 | 5.238 | FLR674 | -101360.342 | 3185887.653 | 5.416 |
| FLR642 | -101347.741 | 3185891.365 | 5.319 | FLR675 | -101347.742 | 3185887.665 | 5.282 |
| FLR643 | -101350.358 | 3185890.282 | 5.272 | FLR676 | -101339.907 | 3185887.662 | 5.075 |

| SLEEVES SETTING OUT POINT | | |
|---|---|---|
| POINT | Y | X |
| FSL67 | -101283.538 | 3185886.072 |
| FSL68 | -101293.576 | 3185886.072 |
| FSL69 | -101317.452 | 3185888.351 |
| FSL70 | -101317.452 | 3185902.680 |
| FSL71 | -101326.802 | 3185889.137 |
| FSL72 | -101338.447 | 3185889.137 |
| FSL73 | -101350.423 | 3185889.067 |
| FSL74 | -101357.666 | 3185889.067 |
| FSL75 | -101373.159 | 3185887.137 |
| FSL76 | -101382.241 | 3185887.137 |
| FSL77 | -101421.276 | 3185886.931 |
| FSL78 | -101431.621 | 3185887.043 |



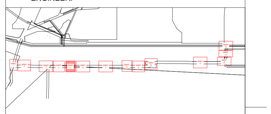

PLAN
SCALE 1:250

REFERENCE DRAWINGS :

1006614-DRG-08-NW-CC-U003 NEWARK SETTING OUT LAYOUT SHEET 3 OF 9
1006614-DRG-09-NW-CC-L003 NEWARK ROAD LONGSECTION PLAN CH800 - CH1200 SHEET 3 OF 11
1006614-DRG-12-NW-CC-U003 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 3 OF 18
1006614-DRG-12-NW-CC-U012 NEWARK ROAD PAVEMENT LAYOUT PLAN SHEET 12 OF 18
1006614-DRG-13-NW-CC-U003 NEWARK ROAD SIGNAGE LAYOUT PLAN SHEET 3 OF 9
1006614-DRG-00-NW-CC-D001 RAIL CROSSING DETAIL
1006614-DRG-02-NW-CC-D001 TYPICAL FENCING & GATE DETAILS 1
1006614-DRG-05-NW-CC-D001 BUS BAY & SHELTER DETAILS
1006614-DRG-08-NW-CC-D001 TYPICAL ROAD SECTIONS 1
1006614-DRG-08-NW-CC-D002 TYPICAL ROAD SECTIONS 2
1006614-DRG-08-NW-CC-D003 KERBING DETAILS 1
1006614-DRG-08-NW-CC-D004 KERBING DETAILS 2
1006614-DRG-08-NW-CC-D005 SIDEWALK DETAILS
1006614-DRG-08-NW-CC-D006 GUARDRAIL DETAILS: ARMCO
1006614-DRG-08-NW-CC-D007 BALUSTRADE DETAILS
1006614-DRG-12-NW-CC-D001 PAVEMENT LAYERWORKS DETAILS
1006614-DRG-12-NW-CC-D002 PAVEMENT JOINT DETAILS
1006614-DRG-13-NW-CC-D001 ROAD MARKINGS SPECIFICATIONS
1006614-DRG-13-NW-CC-D002 ROAD SIGNAGE SPECIFICATIONS
1006614-DRG-14-NW-CC-D001 ROAD DRAINAGE : KERB INLET DETAILS
1006614-DRG-14-NW-CC-D002 ROAD DRAINAGE: GRID INLET DETAILS
1006614-DRG-14-NW-CC-D003 ROAD DRAINAGE: JUNCTION BOX DETAILS 1
1006614-DRG-14-NW-CC-D004 ROAD DRAINAGE: JUNCTION BOX DETAILS 2
1006614-DRG-14-NW-CC-D005 ROAD DRAINAGE: PIPE TRENCHING DETAILS
1006614-DRG-14-NW-CC-D006 ROAD DRAINAGE: CHANNEL DETAILS
1006614-DRG-14-NW-CC-D007 ROAD DRAINAGE: PIPE CULVERT INLET / OUTLET DETAILS
1006614-DRG-14-NW-CC-D008 ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 1
1006614-DRG-14-NW-CC-D009 ROAD DRAINAGE: SILT TRAP DETAILS - TYPE 2
1006614-DRG-14-NW-CC-D010 ROAD DRAINAGE: DRAINAGE CHUTE DETAILS
1006614-DRG-14-NW-CC-D011 ROAD DRAINAGE: SUBSOIL DRAINAGE DETAILS

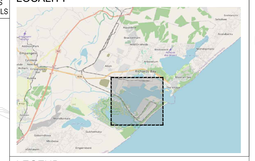
**NOTES**

1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL.
4. DRAWINGS MUST BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND GENERAL NOTES DRAWINGS.
5. IF APPLICABLE, DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.



KEYPLAN

LOCALITY



LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | PROPOSED ROAD |
| | EXISTING ROAD |
| | PROPOSED SIDEWALK/MEDIAN |
| | PROPOSED GUARD RAIL |
| | PROPOSED HAND RAIL |
| | EXISTING FENCE |
| | PROPOSED RELOCATED FENCE |
| | EXISTING ROADWAY |
| | PROPOSED VERTICAL RETAINING WALL |
| X% | ROAD SLOPE |
| FLRXXX | FINAL LEVEL ROAD SETTING OUT POINT |
| | PROPOSED TRAFFIC SLEEVE (2x110mm Ø) |
| | PROPOSED SLEEVE (3x160mm Ø) |
| | PROPOSED WATER SLEEVE (1x450mm Ø) |
| TRAFFXXX | TRAFFIC SLEEVE SETTING OUT POINT |
| FSLXXX | SLEEVE SETTING OUT POINT |
| WATERXXX | WATER SLEEVE SETTING OUT POINT |

| NO | DESCRIPTION | BY | CHKD | APPD | DATE |
|---|---|---|---|---|---|
| E2 | FOR TENDER | RR | HVDM | HVDM | 18 07 25 |
| E1 | FOR TENDER | RR | HVDM | HVDM | 26 06 25 |

REVISIONS

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ZUTARI
IMPACT. ENGINEERED.

**CONTRACTOR / CONSULTANT**

| TITLE | NAME | SIGN | DATE |
|---|---|---|---|
| DRAWN | W. BOTES | | 18 07 25 |
| CHECKED | H. VAN DER MERWE | | 18 07 25 |
| DESIGNED | R. RANGE | | 18 07 25 |
| CHECKED | H. VAN DER MERWE | | 18 07 25 |

PR.ENG. / PR.TECH./PR. ARCH

| | | |
|---|---|---|
| NAME | H. VAN DER MERWE | DATE |
| SIGNATURE | | 18 07 25 |
| REG. NUMBER | 201270172 | |
| TITLE | Pr. TechENG | |

**TRANSNET NATIONAL PORTS AUTHORITY**

| TITLE | NAME | SIGN | DATE |
|---|---|---|---|
| DRAWN | | | |
| CHECKED | | | |
| DESIGNED | | | |
| CHECKED | | | |

PR.ENG. / PR.TECH./PR. ARCH

| | |
|---|---|
| NAME | DATE |
| SIGNATURE | |
| REG. NUMBER | |
| SCALE | 1:200 |

TRANSNET

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PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE (REPAIRS TO PORT ROADS)
SETTING OUT PLAN: NEWARK /PORT RAIL ACCESS INTERSECTIONS SHEET 5 OF 14

| PAPER SIZE | TRANSNET DRW. NO. | REV. |
|---|---|---|
| A0 | TBC | E2 |
| | PROJECT DRG. NO. | REV. |
| | 1006614-DRG-09-NW-CC-I005 | T2 |