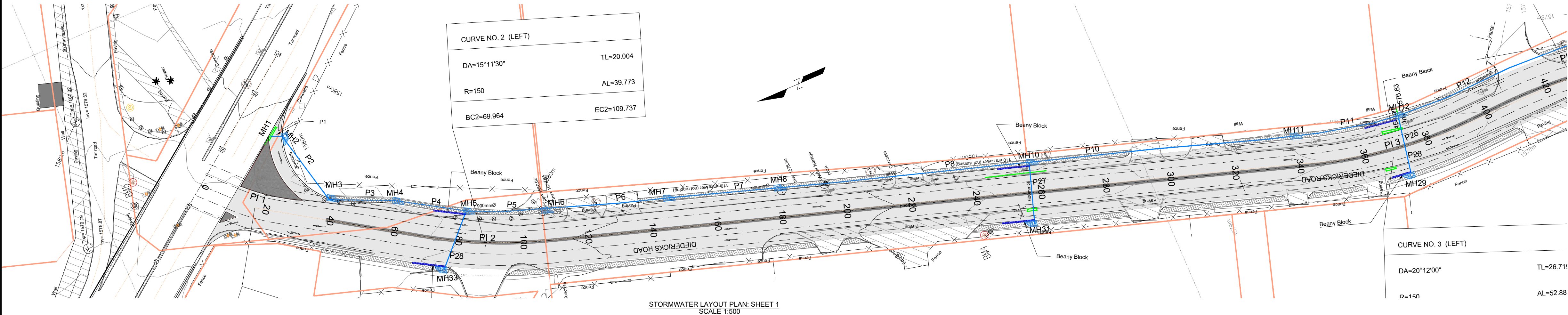




| STRUCTURE LIST-Diedericks Road | | | | | | |
|--------------------------------|-------------|---------------|---------------|------------------------------|---|----------------------------------|
| STRUCTURE NAME | Y | X | RIM ELEVATION | SUMP ELEVATION SUMP DEPTH | INVERT ELEVATION | MATERIAL |
| MH1 | -20 948.218 | 2 863 257.062 | 1579.603 | 1578.395 1.209 | P1-INV OUT 1578.395 | Concrete |
| MH2 | -20 946.742 | 2 863 260.354 | 1579.928 | 1578.253 1.675 | P1-INV IN 1578.373 P2-INV OUT 1578.253 | Concrete Concrete |
| MH3 | -20 923.100 | 2 863 265.954 | 1579.505 | 1577.872 1.633 | P2-INV IN 1577.872 P3-INV OUT 1577.872 | Concrete Concrete |
| MH4 | -20 914.809 | 2 863 284.456 | 1579.505 | 1577.750 1.755 | P3-INV IN 1577.750 P4-INV OUT 1577.750 | Concrete Concrete |
| MH5 | -20 903.302 | 2 863 303.120 | 1579.629 | 1577.629 2.000 | P4-INV IN 1577.629 P5-INV IN 1577.789 P5-INV OUT 1577.629 | Concrete Concrete Concrete |
| MH6 | -20 893.807 | 2 863 325.329 | 1579.000 | 1577.477 1.523 | P5-INV IN 1577.477 P6-INV OUT 1577.477 | Concrete Concrete |
| MH7 | -20 882.525 | 2 863 361.224 | 1580.000 | 1577.215 2.785 | P6-INV IN 1577.215 P7-INV OUT 1577.215 | Concrete Concrete |
| MH8 | -20 871.929 | 2 863 393.734 | 1580.003 | 1576.945 3.057 | P7-INV IN 1576.945 P8-INV OUT 1576.945 | Concrete Concrete |
| MH10 | -20 848.455 | 2 863 468.043 | 1579.605 | 1576.454 3.551 | P8-INV IN 1576.454 P27-INV IN 1576.635 P10-INV OUT 1576.454 | Concrete Concrete Concrete |
| MH11 | -20 823.662 | 2 863 545.801 | 1578.794 | 1575.935 2.860 | P10-INV IN 1575.935 P11-INV OUT 1575.935 | Concrete Concrete |

| PIPE LIST-Diedericks Road | | | | | |
|---------------------------|--------------------|------------------|---------------------------|--------|--------------------|
| PIPE NAME | START INVERT LEVEL | END INVERT LEVEL | 3D LENGTH TO INSIDE EDGES | SLOPE | DIAMETER AND CLASS |
| P1 | 1578.395 | 1578.373 | 2.414 | 0.609% | 900mm Class 1000 |
| P2 | 1578.253 | 1577.872 | 23.115 | 1.569% | 900mm Class 1000 |
| P3 | 1577.872 | 1577.750 | 19.082 | 0.601% | 900mm Class 1000 |
| P4 | 1577.750 | 1577.629 | 20.732 | 0.555% | 900mm Class 1000 |
| P5 | 1577.629 | 1577.477 | 22.960 | 0.630% | 900mm Class 1000 |
| P6 | 1577.477 | 1577.215 | 36.434 | 0.694% | 900mm Class 1000 |
| P7 | 1577.215 | 1576.945 | 33.003 | 0.790% | 900mm Class 1000 |
| P8 | 1576.945 | 1576.454 | 76.737 | 0.630% | 900mm Class 1000 |
| P10 | 1576.454 | 1575.935 | 80.423 | 0.636% | 900mm Class 1000 |
| P27 | 1578.310 | 1576.635 | 17.605 | 9.022% | 600mm Class 1000 |
| P28 | 1578.274 | 1577.789 | 18.332 | 2.500% | 600mm Class 1000 |



STORMWATER LAYOUT PLAN: SHEET 1
SCALE 1:500

| LEGEND | DESCRIPTION |
|--------|----------------------------------|
| | PROPOSED STORMWATER (600-900mmØ) |
| | PROPOSED STORMWATER CATCHPIT |
| | EXISTING MANHOLES AND STORMWATER |
| | ROAD BANKS |
| | CADASTRAL BOUNDARIES |
| | PROPOSED HEADWALL |

NGL -----
EGL -----
HGL -----
SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1570.000

| REFERENCE | | |
|-------------------|-------------|--------------------------------|
| DISTANCE (m) | | |
| GROUND LEVEL | | |
| PIPE INVERT LEVEL | | |
| SLOPE / LENGTH | | |
| HYDRAULICS | DESIGN | Q(m ³ /s) V(m/s) |
| | MAX. (0.80) | Q(m ³ /s) V(m/s) |