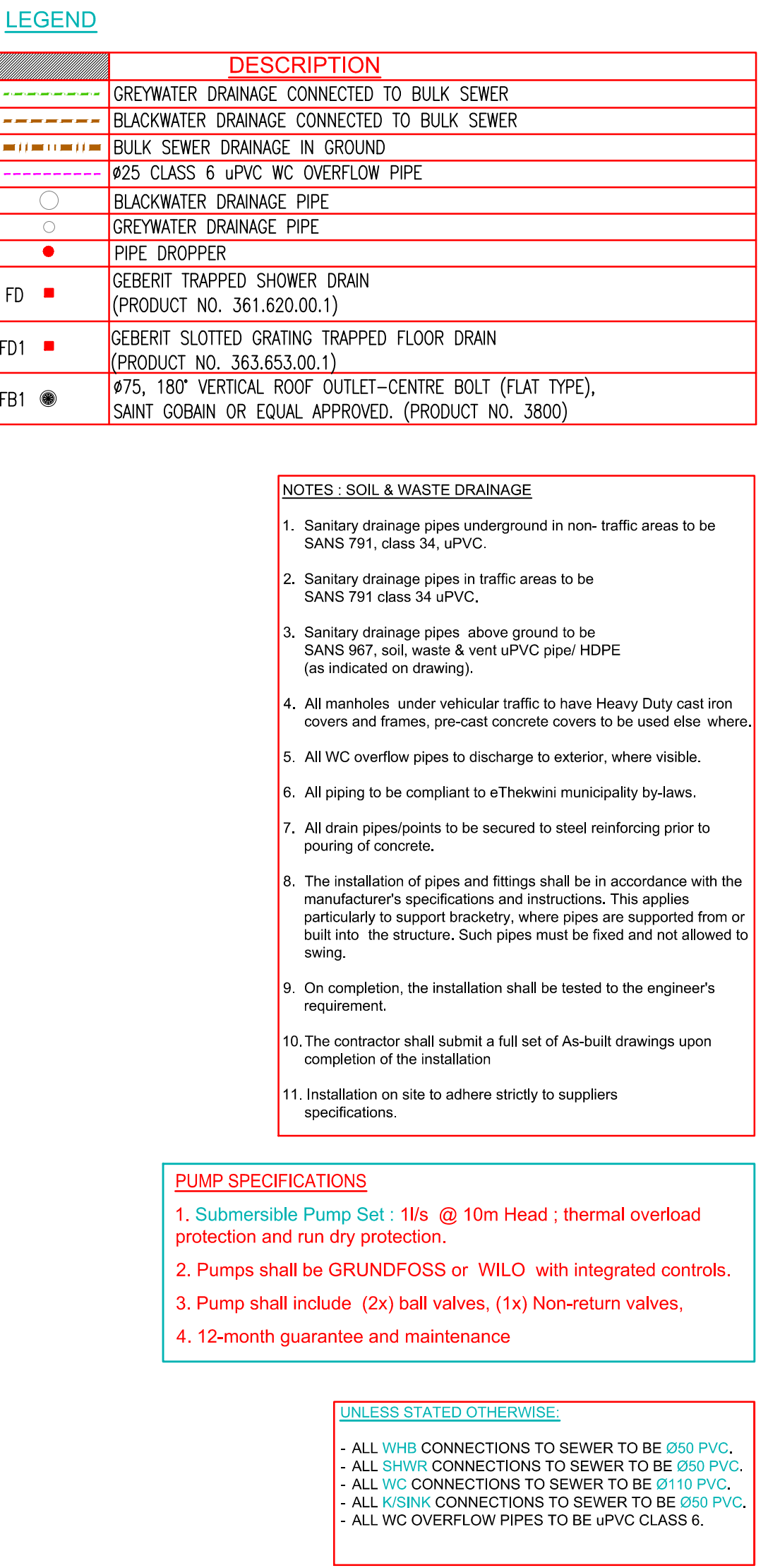




| SEWER DRAINAGE                                                                                                                                                                                                                                                                              |                   |                 |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|------------|
| <div style="border: 1px solid black; padding: 5px; display: inline-block;">FOR TENDER</div>                                                                                                                                                                                                 |                   |                 |            |
| D                                                                                                                                                                                                                                                                                           | ISSUED FOR TENDER | OM              | 11.07.2025 |
| REV                                                                                                                                                                                                                                                                                         | DESCRIPTION       | BY              | DATE       |
| REVISION                                                                                                                                                                                                                                                                                    |                   |                 |            |
| ARCHITECT: ARTEK 4 ARCHITECTS (Pty) Ltd<br>Durban: 46 Lenaxa Avenue, Glenwood, Durban 4000<br>Tel: 031 201 0440 Fax: 031 201 0609 email: admin@artek4.co.za<br>Port Shepstone: 19 Tradewinds, Marine Drive, Shelly Beach<br>Tel: 039 682 2447 Fax: 039 682 2446 email: adminps@artek4.co.za |                   |                 |            |
| CONSULTING MECHANICAL ENGINEERS: <b>MAHESH KHOOSAL &amp; ASSOCIATES</b><br><b>Mahesh Consulting Engineers</b><br>Pte: 031-536 8506<br>Fax: 031-536 8276                                                                                                                                     |                   |                 |            |
| <div style="text-align: right;"> <b>health</b><br/> <b>Department:</b><br/> <b>Health</b><br/> <b>PROVINCE OF KWAZULU-NATAL</b> </div>                                                                                                                                                      |                   |                 |            |
| <div style="text-align: right;"> <b>KWAZULU-NATAL PROVINCE</b><br/> <b>PUBLIC WORKS</b><br/> <b>REPUBLIC OF SOUTH AFRICA</b> </div>                                                                                                                                                         |                   |                 |            |
| SOUTHERN REGION                                                                                                                                                                                                                                                                             |                   |                 |            |
| Project<br>DEPARTMENT OF HEALTH INSTITUTION<br>NEW PSYCHIATRIC WARD PORT SHEPSTONE<br>HOSPITAL                                                                                                                                                                                              |                   |                 |            |
| Drawing Description<br>WET SERVICES : SEWER DRAINAGE<br>PARKING LEVEL LAYOUT                                                                                                                                                                                                                |                   |                 |            |
| Drawn                                                                                                                                                                                                                                                                                       | AS                | Date 27/09/2021 |            |
| Scale/s<br><div style="text-align: center;">1:100</div>                                                                                                                                                                                                                                     |                   |                 |            |
| Consultant Drawing number<br><div style="text-align: center;">M652/DR/01 Rev.0</div>                                                                                                                                                                                                        |                   |                 |            |
| DOPW Drawing number<br><div style="text-align: center;">WIMS NO/044044/A01</div>                                                                                                                                                                                                            |                   |                 |            |
| Stamped by Plans Approval Committee                                                                                                                                                                                                                                                         |                   |                 |            |





LEGEND

|       | DESCRIPTION                                                                                               |
|-------|-----------------------------------------------------------------------------------------------------------|
| ----- | GREYWATER DRAINAGE CONNECTED TO BULK SEWER                                                                |
| ----- | BLACKWATER DRAINAGE CONNECTED TO BULK SEWER                                                               |
| ----- | BULK SEWER DRAINAGE IN GROUND                                                                             |
| ----- | #25 CLASS 6 uPVC WC OVERFLOW PIPE                                                                         |
| ----- | BLACKWATER DRAINAGE PIPE                                                                                  |
| ----- | GREYWATER DRAINAGE PIPE                                                                                   |
| ●     | PIPE DROPPER                                                                                              |
| FD    | GERBERT TRAPPED SHOWER DRAIN (PRODUCT NO. 361.620.00.1)                                                   |
| FD1   | GERBERT SLOTTED GRATING TRAPPED FLOOR DRAIN (PRODUCT NO. 363.653.00.1)                                    |
| FB1   | Ø75, 180° VERTICAL ROOF OUTLET-CENTRE BOLT (FLAT TYPE), SAINT GOBAN OR EQUAL APPROVED. (PRODUCT NO. 3800) |

NOTES - SOIL & WASTE DRAINAGE

- Sanitary drainage pipes underground in non-traffic areas to be SANS 791, class 34, uPVC.
- Sanitary drainage pipes in traffic areas to be SANS 791, class 34, uPVC.
- Sanitary drainage pipes above ground to be SANS 861, soil, waste & vent uPVC pipe HDPE (as indicated on drawing).
- All manholes under vehicular traffic to have Heavy Duty cast iron covers and frames, pre-cast concrete covers to be used else where.
- All WC overflow pipes to discharge to exterior, where visible.
- All piping to be compliant to eThekweni municipality by-laws.
- All drain pipe/joints to be secured to steel reinforcing prior to pouring of concrete.
- The installation of pipes and fittings shall be in accordance with the manufacturer's specifications and instructions. This applies particularly to support bracketry, where pipes are supported from or built into the structure. Such pipes must be fixed and not allowed to swing.
- On completion, the installation shall be tested to the engineer's requirements.
- The contractor shall submit a full set of As-built drawings upon completion of the installation.
- Installation on site to adhere strictly to suppliers specifications.

UNLESS STATED OTHERWISE:

- ALL WVC CONNECTIONS TO SEWER TO BE Ø50 uPVC.
- ALL SHWR CONNECTIONS TO SEWER TO BE Ø50 uPVC.
- ALL WC CONNECTIONS TO SEWER TO BE Ø110 uPVC.
- ALL KITCHEN CONNECTIONS TO SEWER TO BE Ø50 uPVC.
- ALL WC OVERFLOW PIPES TO BE uPVC CLASS 6.

SEWER DRAINAGE

FOR TENDER

| REV | DESCRIPTION       | BY | DATE       |
|-----|-------------------|----|------------|
| 0   | ISSUED FOR TENDER | OM | 11/07/2025 |

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**health**  
Department:  
Health  
PROVINCE OF KWAZULU-NATAL

**KWAZULU-NATAL PROVINCE**  
PUBLIC WORKS  
REPUBLIC OF SOUTH AFRICA

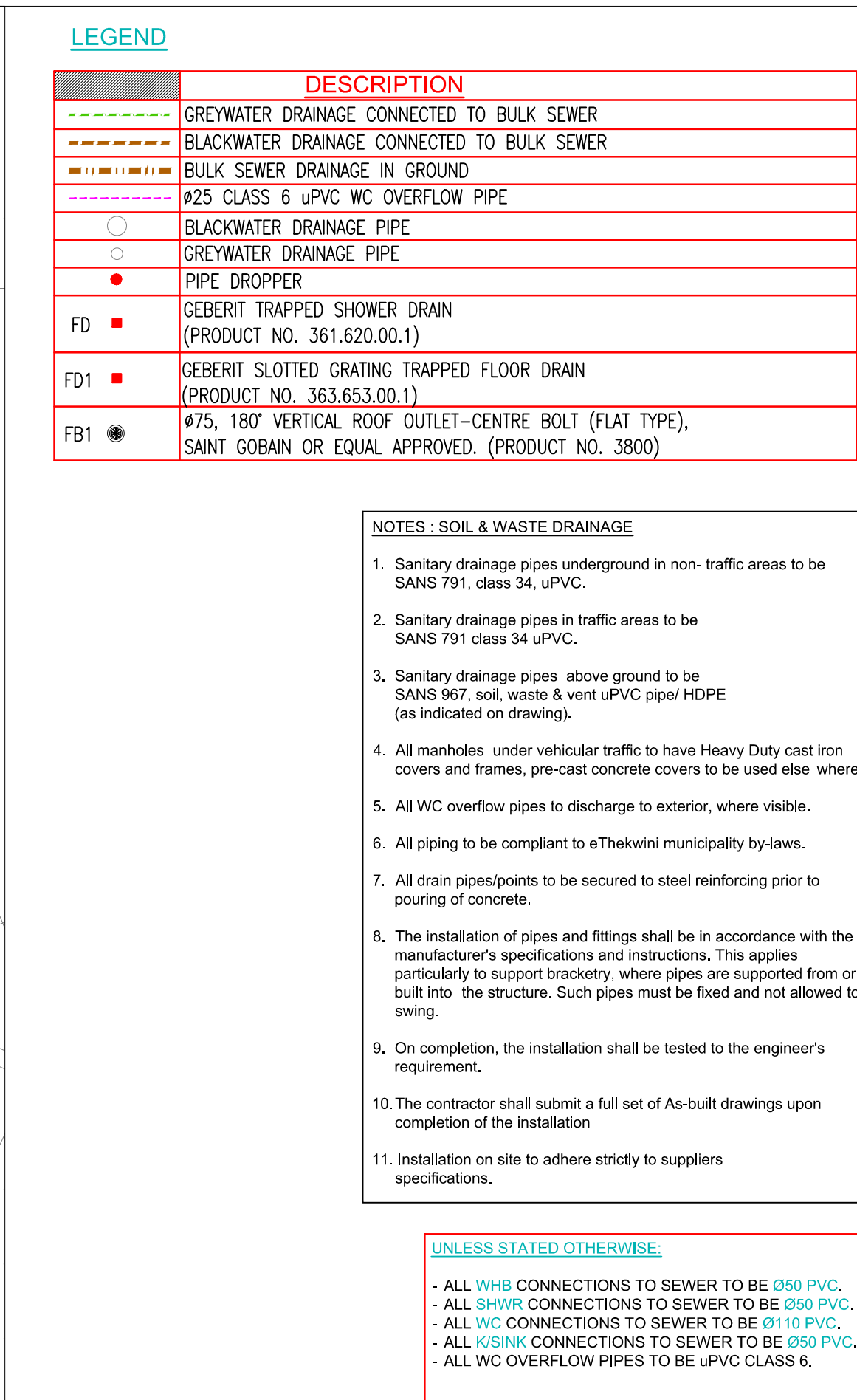
**SOUTHERN REGION**

Project  
DEPARTMENT OF HEALTH INSTITUTION  
NEW PSYCHIATRIC WARD PORT SHEPSTONE  
HOSPITAL

Drawing Description  
WET SERVICES : SEWER DRAINAGE  
GROUND FLOOR PLAN LAYOUT

Drawn AS Date 27/09/2021  
Scale/s 1:100  
Consultant Drawing number M652/DR/02 Rev.0  
DOPW Drawing number WIMS NO/044044/A01  
Stamped by Plans Approval Committee





# FIRST STOREY PLAN

SCALE 1 : 100