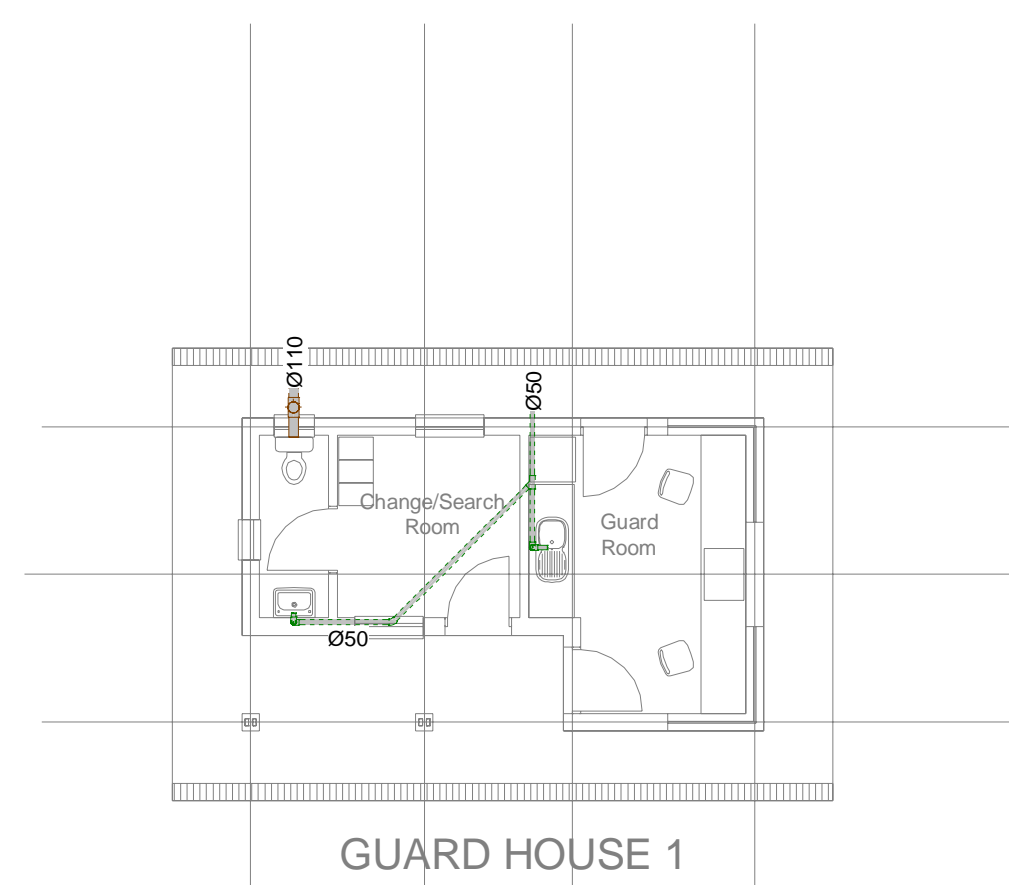
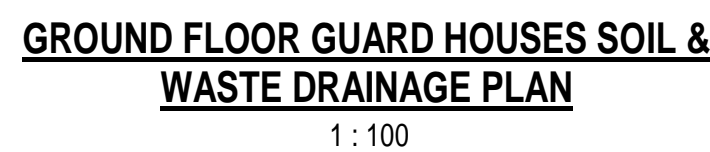


- DRAINAGE NOTES:

1. ALL WORK TO BE CARRIED OUT IN STRICT ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS, NATIONAL BUILDING REGULATIONS AND S.A.B.S. STANDARDS.
2. THIS DRAWING MAY NOT BE SCALED. ON FIGURED DIMENSIONS AND LEVELS SHALL BE USED.
3. ALL RELEVANT DETAILS, LEVELS, DIMENSIONS, ETC. MUST BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
4. ADEQUATE ACCESS IS TO BE PROVIDED FOR INSPECTION, TESTING AND MAINTENANCE.
5. LARGE RAUOLDS BEHIND THE AREA OF STAKE OR HORIZONTAL / VERTICAL CHANGE OF DIRECTION TO BE 240mm Bx 240mm 1x45 dig BEND.
6. DEEP SLOPE TRAPS TO BE USED THROUGHOUT.
7. MINIMUM FALL FOR 0110 DRAINS IS 1:100 ALL & FOR 0160 1:100 ALL.
8. VENT PIPE TO RISE THROUGHOUT THEIR LENGTH. ALL VENT PIPES TO DISCHARGE TO ATMOSPHERE.
9. RODDING EYE OR MANHOLE AT CHANGES OF DIRECTION.
10. ACCESS TO DRAIN EVERY 25m.
11. ALL WASTES LONGER THAN 2m TO BE REDUCED ONE NOMINAL PIPE SIZE TO A MAXIMUM OF 10m TO OMT PIPES AS PER N.B.P. 18.4.
12. NO DRY VENT TO BE INSTALLED.
13. ALL UN-VENTED SOIL PIPES WITH A VERTICAL DROP OF MORE THAN 10m WILL BE VENTED.
14. ACCESS WILL BE PROVIDED AT ALL PLUMBING LOCATIONS.
15. ALL ACCESS TO UNDERGROUND DISCHARGE PIPES WILL BE PROVIDED IN INSPECTION CHAMBERS POSITIONED IN SERVICE OR OFF-PARKING AREAS, OR IN PLUMBING LOCATIONS WITH DROPPED FLOOR LEVELS TO FULLY EXPOSE THE PIPES. IF FLOOR DROPPED SO THE PIPES ARE ABOVE GROUND.
16. UNDERGROUND DISCHARGE PIPES TO BE SUPPORTED THROUGH THEIR LENGTH WITH NO STRUCTURAL LOAD TRANSMITTED UPON THEM.
17. DISCHARGE PIPES THAT ARE IN CONTACT WITH THE BUILDING DISCHARGE PIPES ARE NOT INCLUDED IN THIS DEFINITION.
18. DISCHARGE PIPES CAN ONLY INSTALLED NEAR THE BUILDING ACCESS FOR CLEANING, ETC. AND CHANGE OF DIRECTION TO THESE DISCHARGE PIPES ARE COVERED BY NOTES ABOVE.
19. THE BUILDING DISCHARGE IN ACCORDANCE WITH SABS 10400 - 1990, APPROVED CAPTIONED PARTS ARE IN ACCORDANCE WITH REGULATION 21.
20. A DISCONNECTION GULLY IS TO BE PROVIDED AT POINT OF CONNECTION TO MUNICIPAL SEWER. SABS 4040 - 1990.
21. ALL DISCHARGE PIPES TO BE: IN UNDERGROUND SABS 791/96x50 ABOVE GROUND (WHITES) SABS 670 - 1990.
22. PIPES HIGHER THAN 400mm TO BE ENCASED IN CONCRETE 200mm ALL AROUND.
23. A SLEEVE TO BE USED (ONE SIZE LARGER THAN DRAIN SIZE) FOR VERTICAL / HORIZONTAL DRAINAGE COMING THROUGH S.A. UPSTANDS / DOWNSTANDS AND WALLS TO ALLOW FOR MOVEMENT.
24. BEDDING OF GULLY DRAINAGE TO BE CLASS-3 WITH COMPRACTION SIZES IN LAYERS OF 300mm. CERTIFICATE OF COMPACTING REQUIRED.
25. CONCRETE DRAIN PIPES TO BE INSULATED WITH THERMAFLEX.
26. WE OVERLOOKS TO BE 2022x DISCHARGE EXTERNALLY / DRAIN / OVER GULLY / FULLBLOW.
27. GEPER OVERLOOKS TO BE 2022x METALLIC DISCHARGE OVER GULLY / FULLBLOW.
28. MAKE GOOD FROM PAVEMENT TO BE "SLOTTED" BEFORE DISCHARGING OVER GULLY / FULL BLOW OR ANY DRAINAGE.
29. SEWER MANHOLES SHALL BE SET AT CONCRETE 150mm IN DIAMETER UNLESS OTHERWISE NOTED. COVERS TO BE 400mm ALL. DOUBLE SEAL CAST IRON INSIDE BUILDING & CONCRETE EXTERIORLY.
30. ON COMPLETION, THE INSTALLATION SHALL BE TESTED TO THE ENGINEERS' STANDARD. TEST CERTIFICATES TO BE SUPPLIED.
31. CONTRACTOR SHALL SUBMIT A FULL SET OF AS-BUILT DRAWINGS FOR APPROVAL BY THE INSPECTOR.

HIAC NOTES:

F	2024-08-14	S.M.	ISSUED FOR TENDER
E	2024-07-08	S.M.	HIAC STAGE 4
D	2024-05-24	S.M.	REVISED TO LATEST ARCHITECTURAL LAYOUT
C	2024-04-18	S.M.	REVISED HIAC SUBMISSION
B	2024-02-28	S.M.	REVISED HIAC SUBMISSION
A	2023-11-16	S.M.	HIAC SUBMISSION
REV	DATE	BY	DESCRIPTION

If drawing status = construction, a signed copy of this drawing (either in hardcopy or electronic format) is available at the office of origin and at the office of issue.

DRAFTING STATUS

TENDER



PARSONS & LUMSDEN
CONSULTING ENGINEERS

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CLIENT

DEPARTMENT OF HEALTH

ARCHITECT

INCLINE ARCHITECTS

PROJECT:

THULASIZWE CLINIC

TITLE

RESIDENTIAL & GUARD HOUSE SOIL & WASTE DRAINAGE

SCALE @ A0 : As indicated	CHECKED: R.G.	APPROVED: N.K.
DESIGN: S.M.	DRAWN: S.M.	DATE: 2024-08-14
PROJECT No: D0741	DRAWING No: D0741-W-SW-02	Rev: F

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