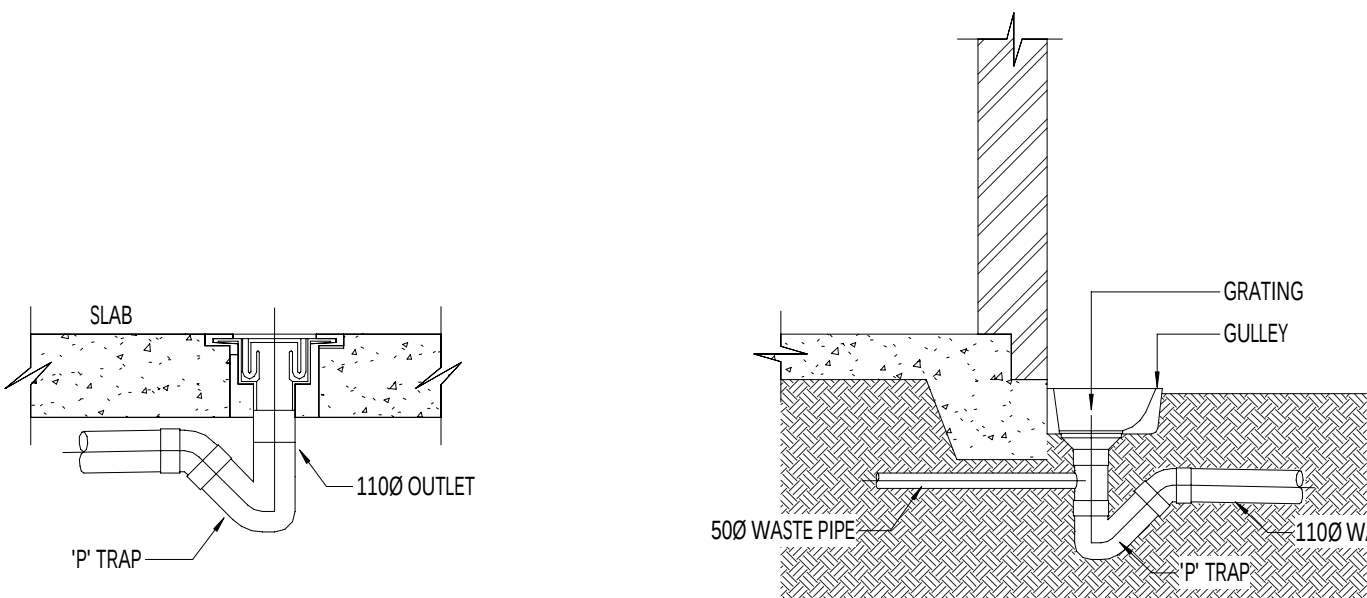




TYPICAL FLOOR DRAIN DETAIL

SCALE 1:20

TYPICAL GULLY DETAIL

SCALE 1:25

DRAINAGE LEGEND:

	1100mm VENTED DROPPER, 600 BELOW F.F.L. I.E. ON DROPPER ABOVE GROUND LEVEL
	ROODING EYE
	DROPPER
	GULLY
	FLOOR DRAIN R900 R2020 W400 R900 R2020 W400
	HERBISH ROODING EYE H8 AS 12300

SOIL DRAINAGE 1100mm PVC CL34 BELOW SLAB @ 1:60 FALL			
SOIL DRAINAGE 1100mm PVC CL34 ABOVE SLAB @ 1:60 FALL			
WASTE WATER DRAINAGE 500mm PVC CL34 BELOW SLAB @ 1:60 FALL			
WASTE WATER DRAINAGE 500mm PVC CL34 ABOVE SLAB @ 1:60 FALL			
1100mm HIGH LEVEL VENT PIPE			

FIXTURE	CONNECTION SIZE	FIXTURE	CONNECTION SIZE
WATER CLOSET	1100	WASH HAND BASIN	500
SLOP HOPPER	1100	SINK / SCLUB	500
FLOOR DRAIN	1100 / 500	SHOWER	500

DRAINAGE NOTES:

- ALL WORK TO BE CARRIED OUT IN STRICT ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS, NATIONAL BUILDING REGULATIONS AND S.A.B.S STANDARDS.
- THIS DRAWING MAY NOT BE SCALED. ONLY FIGURED DIMENSIONS AND LEVELS MAY BE USED.
- ALL RELEVANT DETAILS, LEVELS, DIMENSIONS, ETC MUST BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
- ADEQUATE ACCESS TO BE PROVIDED FOR INSPECTION, TESTING AND MAINTENANCE.
- LARGE RADIUS BENDS AT THE BASE OF STACK OR HORIZONTAL / VERTICAL CHANGE OF DIRECTION TO BE 2x45 deg. BENDS OR 1x45 deg. JUNCTION & 1x45 deg. BEND.
- DEEP SEAL TRAPS TO BE USED THROUGHOUT.
- MINIMUM FALL FOR Ø110 DRAIN IS 1:60 FALL & FOR Ø160 1:100 FALL.
- VENT PIPE TO RISE THROUGHOUT THEIR LENGTH. ALL VENT PIPES TO DISCHARGE TO ATMOSPHERE.
- ROODING EYE OR MANHOLES AT CHANGE OF DIRECTION.
- ACCESS TO CLEAN EVERY 25m.
- ALL WASTE PIPES LONGER THAN 6m TO INCREASE ONE NOMINAL PIPE SIZE TO A MAXIMUM OF 10m TO OMIT PIPES AS PER N.B.R.P.P.18.4.
- NO DRY VENT TO BE INSTALLED.
- ALL UN-VENTED SOIL PIPES WITH A VERTICAL DROP OF MORE THAN 2m WILL BE VENTED.
- ACCESS WILL BE PROVIDED AT ALL PLUMBING DUCTS.
- ALL ACCESS TO UNDERGROUND DISCHARGE PIPES WILL BE PROVIDED IN INSPECTION CHAMBERS POSITIONED IN SERVICE OR OPEN PARKING AREAS, OR IN PLUMBING DUCTS WITH DROPPED FLOOR LEVELS TO FULLY EXPOSE THE PIPES, I.E. FLOOR DROPPED SO THE PIPES ARE ABOVE GROUND.
- UNDERGROUND DISCHARGE PIPES TO BE SUPPORTED THROUGHOUT THEIR LENGTH WITH NO STRUCTURAL LOAD TRANSMITTED UPON THEM.
- THE DEFINITION AS SABS 1:0400:1990 IS THAT A DRAIN IS OUTSIDE THE BUILDING. DISCHARGE PIPES ARE NOT INCLUDED IN THIS DEFINITION.
- DISCHARGE PIPES ARE ONLY INSTALLED INSIDE THE BUILDING. ACCESS FOR CLEANING, ETC. AND CHANGE OF DIRECTION TO THESE DISCHARGE PIPES ARE COVERED BY NOTES ABOVE.
- THE DRAINAGE DESIGN IS IN ACCORDANCE WITH SABS 1:1000:1990 APPROVED COMPETENT PERSONS AS PER REGULATION P2.
- A DISCONNECTION GULLY TO BE PROVIDED AT POINT OF CONNECTION TO MUNICIPAL SEWER. SABS 0400:1990.
- ALL DRAINAGE PIPING TO BE PVC UNDERGROUND SABS 750/86 S4 ABOVE GROUND (WHITE) SABS 0400:1990.
- PIPE WHICH ARE LESS THAN 400mm TO BE ENCASED IN CONCRETE 200mm ALL ROUND.
- A SLEEVE TO BE USED ONE SIZE LARGER THAN DRAINAGE SIZE FOR VERTICAL / HORIZONTAL DRAINAGE GOING THROUGH SLABS / UPSTAIRS / DOWNSTAIRS AND WALLS TO ALLOW FOR MOVEMENT.
- BEDDING OF U/G DRAINAGE TO BE CLASS 3 WITH COMPACTION DONE IN LAYERS OF 300mm. CERTIFICATE OF COMPACTION REQUIRED.
- CONDENSATE DRAIN PIPES TO BE INSULATED WITH THERMOWOL.
- WC OVERFLOWS TO BE Ø22 & DISCHARGE EXTERNALLY / DUCT / OVER GULLY / RULLBORE.
- GEYSER OVERFLOWS TO BE MIN. Ø22 METALLIC & DISCHARGE OVER GULLY / RULLBORE.
- NOTE: DISCHARGE FROM TIP VALVES TO BE "COOLED" BEFORE DISCHARGING OVER GULLY / FULL BORE OR ANY DRAINAGE.
- SEWER MANHOLES SHALL BE PRECAST CONCRETE 1m IN DIAMETER UNLESS OTHERWISE NOTED. COVERS TO BE 600x600 M.M. DOUBLE SEAL CAST IRON INSIDE BUILDING & CONCRETE EXTERNALLY.
- ON COMPLETION, THE INSTALLATION SHALL BE TESTED TO THE ENGINEERS SPECIFICATION. TEST CERTIFICATES TO BE SUPPLIED.
- CONTRACTOR SHALL SUBMIT A FULL SET OF "AS-BUILT" DRAWINGS UPON COMPLETION OF THIS INSTALL.



GROUND FLOOR SOIL & WASTE DRAINAGE SITE PLAN

1:200

HIAC NOTES:

B 2024-08-14 S.M. ISSUED FOR TENDER			
A 2024-07-08 S.M. HIAC STAGE 4			
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.			
DRAWING STATUS: TENDER			
Block 6, MRM Office Park, 15 Village road, Klot, 3610 P.O. Box 800, Klot, 3210 Tel: 031 764 7777 / Fax: 031 764 7887 www.parsonsandlumsden.com			
CLIENT: DEPARTMENT OF HEALTH			
ARCHITECT: INCLINE ARCHITECTS			
PROJECT: THULASIZWE CLINIC			
TITLE: GROUND FLOOR SOIL & WASTE DRAINAGE SITE PLAN			
SCALE @ A0:	CHECKED: R.G.	APPROVED: N.K.	
DESIGN: S.M.	DRAWN: S.M.	DATE: 2024-08-14	
PROJECT No: D0741	DRAWING No: D0741-W-SW-03	Rev: B	
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