



LEGENDA

- Existing wastewater network
- Wastewater drain network
- Grease wastewater drain network
- Ventilation pipe network
- Flow Direction
- Floor Trap
- Floor Gully
- Wastewater Manhole
- Grease Separator
- Septic tank
- Infiltration Pit
- Existing Septic tank
- Existing Infiltration Pit

BRANCH DISCHARGE PIPE

Appliances	DN (mm)	L (mm)	TRAP SEAL (mm)
Wb - Wash basin	40	20-40	30
Wc - Water closet	50	20-40	30
Bd - Bidet	40	20-40	30
Bt - Bathrooms	40	20-40	30
S - Sink	50	20-40	50
Dw - Dishwashing machine	50	20-40	50
Wm - Washing machine	50	20-40	50
Sh - Shower	40	20-40	30
Ls - Laundry sink	50	20-40	50
Ur - Urinal	50	20-40	50
Co - Condensates	32	20-40	32

MATERIALS

All gravity drain pipes will be carried out by PVC-U, in accordance with the standard NP EN 1329.

Manhole covers will be made of cast iron. Inside the building covers shall be recessed, to receive the same finishing as the surrounding floor.

Where trenches depth is such that the drains cover is less than 1.00m and subjected to traffic load, they shall be reinforced according with the proper detail.

PROJECT NAME

Rehabilitation of the Saudi Maternity Hospital
Kassala Health Citadel
Sudan

COMPANY TITLE

amprc

PROJECT STATUS

DETAILED DESIGN

DRAWING NAME

Ground Floor - Blocks C, J, K and L

DATE

2020/03/06

LAYOUT ID

PLT.003

DRAWING SCALE

1/100

FWO.D1.PLT.003