

- NOTES**
1. ALL DIMENSIONS IN THIS DRAWING ARE IN MM
  2. DON'T SCALE THIS DRAWING USE FEATURE DIMENSIONS ONLY
  3. ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL LAYOUTS
  4. ALL EQUIPMENT AND WORK SHALL BE APPROVED BY THE WATER HEATER CERTIFICATION WHERE REQUIRED
  5. LEAKS PROVISION FOR ALL CONCEALED DRAINAGE SYSTEMS SHALL BE WATER HEATER DRAIN (FOR MAINTENANCE PURPOSES) TO BE CONNECTED AT THE WATER HEATER OUTLET IN BUILDING
  6. A MINIMUM OF 20mm IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING RETILING WALLS
  7. NO WORK SHOULD BE DONE AT SITE WITHOUT APPROVED 'SHOP DRAWING' ANY WORK SHOULD BE AT THE CONTRACTOR'S RISK & COST
  8. 'SHOP DRAWING' TO INCLUDE AT LEAST: GROUND LEVELS, PIPE SIZES, DOUBLE LINE PIPING, THE DIMENSIONS VALVE FITTINGS TO SCALE ETC. SECTIONS, INSTALLATION DETAILS ETC. & TO BE WITH ALL TRADES
  9. CONTRACTOR MUST ENSURE THAT ALL EQUIPMENT/ITEMS/PIPPES ARE ABLE TO FIT INTO SPACES EXTENDED
  10. DRAINAGE CONTRACTOR TO COORDINATE WITH OTHER TRADES TO ENSURE SUFFICIENT SPACE IS AVAILABLE FOR ACCESS TO PIPING, VALVES ETC
  11. ALL EQUIPMENT TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION
  12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PIPING, VALVES, FITTINGS ACCESSORIES APPROPRIATELY REQUIRED ARE SUPPLIED AS PART OF THIS CONTRACT AND COORDINATED WITH:
    - a. ALL ARCHITECTURAL & REFLECTED CEILING PLANS
    - b. ALL OTHER MEP SERVICES
    - c. STRUCTURAL MEMBERS
    - d. FINAL LOCATION OF EQUIPMENTS
  13. ALL HOSE REEL CABINETS TO BE PROVIDED WITH FLOOR DRAIN
  14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 150MM AWAY FROM THE WETTER PIPE LINE OR SEPTIC TANK
  15. LEAK AND SEVERITY TESTS SHALL BE CARRIED OUT AFTER THE PIPES ARE INSTALLED AND CONSULTANT CERTIFICATE SHALL BE SUBMITTED TO AUTHORITIES ENGINEERS AND APPROVALS FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS:
    - a. INTERNAL WATER PIPES (UPON/UNDER) SHALL BE 100% TESTED WITH 1.5X DR. (100 BAR & 5M)
    - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
    - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO 100mm (100 BAR & 5M)
    - d. ALL UPVC PIPES PENETRATING THROUGH GROUND SHALL BE WITH EPDM GASKETS
    - e. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SLEEVED
    - f. CLEAN/OUTLETS COVERS SHALL BE MATCH WITH FINISHING FLOOR
    - g. ROOFING/CEILING/CLEARANCE SHALL BE PROVIDED FOR ALL SUSPENDED PVC PIPES
  16. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 100mm OR LESS IN PENETRATIONS AREA OR FOR A LENGTH OF 1000mm OR MORE THROUGH SLABS SHALL BE SURROUNDED WITH 100MM THICK CONCRETE SURROUND AND SHALL BE CONCRETE RAUNCHED

**REVISION**

REV. NO.	DESCRIPTION	DATE

**PROJECT:**  
**PROPOSED KISII CANCER CENTRE AT KISII TEACHING AND REFERRAL HOSPITAL**

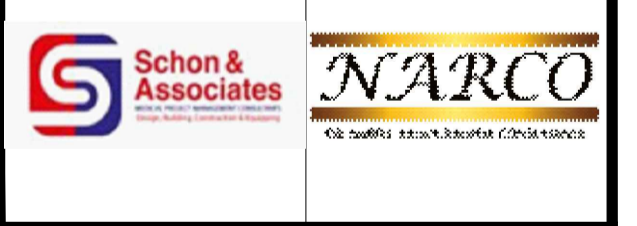
**FINANCIERS:**  
 ARAB BANK FOR ECONOMIC DEVELOPMENT IN AFRICA      SAUDI FUND FOR DEVELOPMENT



**CLIENT:**  
 REPUBLIC OF KENYA      KISII COUNTY GOVERNMENT



**CONSULTANTS:**  
 SCHON AND ASSOCIATES      NARCO ENGINEERING CONSULTANTS



**DRAWING TITLE:**  
 GROUND FLOOR DRAINAGE

SCALE : 1:50 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV      REV.DATE
DRAWING NUMBER : P/01	