

GROUND FLOOR PLAN

- NOTES**
1. ALL DIMENSIONS IN THIS DRAWING ARE IN MM
  2. DO NOT SCALE THIS DRAWING. USE DIMENSIONS ONLY
  3. ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS
  4. ALL EQUIPMENT AND WORK SHALL BE APPROVED BY AN AUTHORIZED CERTIFICATION WHERE REQUIRED
  5. LEAK PROVISION FOR ALL GAS CONDENSATE DRAINS AND THE WATER HEATER DRAIN (FOR MAINTENANCE PURPOSES) TO BE CONNECTED AT THE WATER MAINS OUTLET IN BUILDING
  6. A MINIMUM OF 20mm IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING RETAINING WALLS/SLAB
  7. NO WORK SHOULD BE DONE AT SITE WITHOUT APPROVED 'SHOP DRAWING'. ANY SUCH WORK IS AT THE CONTRACTOR'S RISK & COST
  8. 'SHOP DRAWING' TO INCLUDE AT LEAST: RISE/FALL, 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/UTENSILS/TOOLS ARE ABLE TO FIT INTO SPACES INTENDED
  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 AND ACCESSORIES/APPENDAGES 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 WARM 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
  16. PIPING MATERIALS FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS:
    - a. INTERNAL WATER PIPES (UP TO 100mm) SHALL BE PVC (BY BSEN 12216-1:04)
    - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
    - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO BSEN 1401 (BY BSEN 1401 & S40)
    - d. ALL UPVC PIPES PENETRATING UNDER GROUND SHALL BE WITH SLOPE 1:100
    - e. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SLEEVED
    - f. CLEAN/OUTLETS COVERS SHALL BE MATCHED WITH FINISHING FLOOR
    - g. BENDING/ELBOW/CEILING CLEARANCE SHALL BE PROVIDED FOR ALL SUSPENDED PVC PIPES
  17. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 100mm OR LESS IN PERFORATED AREA OR AT A DEPTH OF 150mm BELOW IN SOLID AREA SHALL BE SURROUNDED WITH 150MM THICK CONCRETE SURROUND AND SHALL BE CONCRETE RAUNCHED

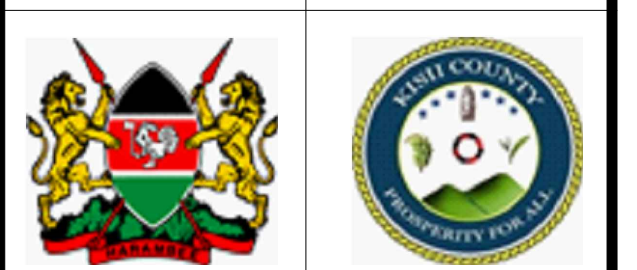
REVISION		
REV. NO.	DESCRIPTION	DATE

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

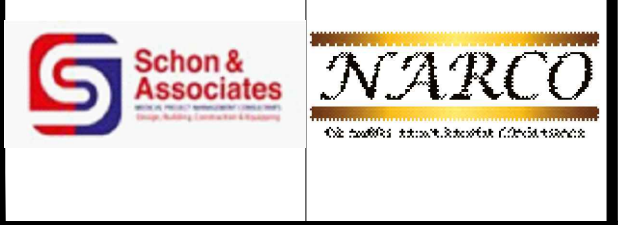
**FINANCIERS:**  
 ARAB BANK FOR ECONOMIC DEVELOPMENT IN AFRICA      SAUDI FUND FOR DEVELOPMENT



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



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



**DRAWING TITLE:**  
 GROUND FLOOR MEDICAL GAS

SCALE : 1:00 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV      REV.DATE

DRAWING NUMBER : MG-01