



- 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 LAYOUTS
 4. ALL EQUIPMENT AND WORK SHALL BE AS APPROVED OR AS EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL GAS CONDENSATE DRAINS AND ALL THE WATER HEATER DRAINS (FOR MAINTENANCE PURPOSES) TO BE CONNECTED AT THE WATER DRAIN OUTLET IN BUILDING
 6. A MINIMUM OF 20mm IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING RETAINING WALLS
 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: PIPE SIZES, PIPE SCHEDULES, 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 CONTRACTORS EMPLOYED ARE ABLE TO FIT INTO SPACES EXTENDED
 10. DRAINAGE CONTRACTOR TO COORDINATE WITH OTHER TRADES TO ENSURE SUFFICIENT SPACE 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 BELL CABLES TO BE PROVIDED WITH FLOOR DRAIN
 14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.5M AWAY FROM THE WARMER PIPE LINE OR SEPTIC TANK
 15. LEAK AND GASEITY TEST 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 WASTE PIPES (PVC) SHALL BE PVC TYPE B125 (DN 100) 400
 - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO BREN 1403 (DN 100 & 50)
 17. ALL UPVC PIPES PENETRATING UNDER GROUND SHALL BE WITH SLOPE 1:80
 18. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SEALED
 19. CLEAN OUTLETS COVERS SHALL BE MATCH WITH FINISHING FLOOR
 20. BENDING FITS - CEILING CLEARANCE SHALL BE PROVIDED FOR ALL SCHEDULED PVC PIPES
 21. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 900mm OR LESS IN PERFORATION AREA OR AT A DEPTH OF 1200mm BELOW TO TIE INTO MAINS 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:
 THIRD FLOOR MEDICAL GAS

SCALE : 1:50 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV REV.DATE

DRAWING NUMBER : MG 04