

- NOTES**
1. ALL DIMENSIONS IN THIS DRAWING ARE IN MM
 2. DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY
 3. ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL LAYOUTS
 4. ALL EQUIPMENT AND FITTINGS SHALL BE AS APPROVED OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL GAS CONDENSATE DRAINS AND ELECTRIC WATER HEATER DRAINS FOR MAINTENANCE PURPOSES TO BE CONNECTED AT THE AT WASH BASIN OUTLET IN BUILDING.
 6. A MINIMUM OF 25mm IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING BETWEEN 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: PIPE SIZES, PIPE INVERTS, DOUBLE LINE PIPING, THE DIMENSIONS VALVE/FITTINGS TO SCALE ETC. SECTIONS, INSTALLATION DETAIL ETC. & TO BE WITH ALL TRADES
 9. CONTRACTOR MUST ENSURE THAT ALL EQUIPMENT/FITTINGS SUPPLIED 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 ACCESSORIES/APPENDAGES REQUIRED ARE SUPPLIED AS PART OF THIS CONTRACT AND COORDINATED WITH:
 1. ALL ARCHITECTURAL & REFLECTED CEILING PLANS
 2. ALL OTHER MEP SERVICES
 3. STRUCTURAL MEMBERS
 4. FINAL LOCATION OF EQUIPMENTS
 5. ALL HOSE REEL CABINETS TO BE PROVIDED WITH FLOOR DRAIN
 6. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.5 M AWAY FROM THE SEWER PIPE LINE OR SEPTIC TANK
 7. LOAD AND GRAVITY TESTS SHALL BE CARRIED OUT AFTER THE PIPES ARE INSTALLED AND CONSULTANT CERTIFICATE SHALL BE SUBMITTED TO AUTHORISED ENGINEERS
 8. PIPING MATERIAL FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS:
 - a. INTERNAL WASTE PIPES (UP TO 100mm) SHALL BE UPVC TO BS EN 1228 (BS 4574)
 - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO BS EN 1401 (BS 800 & 580)
 - 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 SLOTTED
 - f. CLEAN OUTLETS COVERS SHALL BE MATCH WITH FINISHING FLOOR
 - g. BENDING INTO CEILING CLEAN OUT SHALL BE PROVIDING FOR ALL SLOTTED PVC PIPES
 9. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 900mm OR LESS IN PENETRATION AREA OR IN A TUNNEL OR TUNNEL UNDER THE SLAB AREA SHALL BE SURROUNDED WITH 150MM THICK CONCRETE SURROUND AND SHALL BE CONCRETE HAUNCHED

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:

SECOND 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 03		