

- 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 FIXTURES SHALL BE AS APPROVED OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL A/C CONDENSATE DRAINS AND FLEETEC WATER HEATER DRAINS FOR MAINTENANCE PURPOSES TO BE CONNECTED AT THE WATER DRAIN OUTLET IN BUILDING
 6. A MINIMUM OF 25mm 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 FLOOR LAYOUTS, PIPE INVERTS, DOUBLE LINE PIPING, THE DIMENSIONS VALVES/FITTINGS TO SCALE ETC. SECTIONS, INSTALLATION DETAIL ETC. & TO BE WITH ALL TRADES
 9. CONTRACTOR MUST ENSURE THAT ALL EQUIPMENT OFFERS/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 APPURTENANCES 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 HUNG BELL CABLES TO BE PROVIDED WITH COLOR DRAIN
 14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.5 M AWAY FROM THE LOWER PIPE LINE OR SEPTIC TANK
 15. LOAD AND GRAVITY TESTS SHALL BE CARRIED OUT AFTER THE PIPES ARE INSTALLED AND CONSULTANT CERTIFICATE SHALL BE SUBMITTED TO AUTHORISED ENGINEERS
 16. PIPING MATERIAL FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS:
 - a. INTERNAL WASTE PIPE (UP/DOWN) SHALL BE UPVC TUBES 125 (BS 4574)
 - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO BSEN 1401 (BS 800 & SRI)
 - 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
 17. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 900mm OR LESS IN PENETRATING AREA OR IN A DITCH OF 100mm OR LESS IN THE SLAB AREA SHALL BE SURROUNDED WITH 100MM THICK CONCRETE SUB-GRAND 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:

FIRST FLOOR HVAC LAYOUT

SCALE : 1:150 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV REV.DATE
DRAWING NUMBER : HVAC 02	

