



- 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 APPROVED OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL A/C 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: RISE, FALLS, 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 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, VALVE 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/APPOINTMENTS 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 1.0M AWAY FROM THE SEWER PIPE LINE OR SEPTIC TANK
 15. LEAK AND HEAVY TEST 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 PIPES (UP TO 100mm) SHALL BE UPVC TO RISER 125 (BS 4574)
 - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO RISER 140 (BS 800 & 540)
 - d. ALL UPVC PIPES PENETRATING UNDER GROUND SHALL BE WITH SLOPE 1:100
 - e. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLAB SHALL BE SLOTTED
 - f. CLEAN OUTLETS COVERS SHALL BE MATCH WITH FINISHING FLOOR
 - g. BENDING/JOINT COILING CLEAN OUT SHALL BE PROVIDED FOR ALL SCHEDULED PVC PIPES
 17. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 900mm OR LESS IN PERIMETER AREA OR AT A DEPTH OF 1200mm OR LESS IN TIE IN 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:

GROUND FLOOR HVAC LAYOUT

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