



- NOTES**
1. ALL DIMENSIONS IN THIS DRAWING ARE IN MM
 2. DON'T SCALE THIS DRAWING. USE FEATURE DIMENSIONS ONLY
 3. ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL LAYOUTS
 4. ALL EQUIPMENT AND FIXTURES SHALL BE APPROVED OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL CONCEALED DRAINS AND TRAYS AS WELL AS 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 RETICING IN WALLS/SLABS
 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/FITTINGS/PIPES 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 RECOMMENDATIONS
 12. IF 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 ELBOW DRAIN
 14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.5M AWAY FROM THE WARDER PIPE LINE OR SEPTIC TANK
 15. LEAK AND SEEPAGE TEST SHALL BE CARRIED OUT AFTER THE PIPES ARE INSTALLED AND CONSULTANT CERTIFICATE SHALL BE SUBMITTED TO AUTHORITIES ENGINEERS AND PIPING MATERIALS FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS:
 - a. INTERNAL WATER PIPING SYSTEMS SHALL BE UPVC IN 125mm DIA (100 & 150)
 - b. ALL ABOVE GROUND PIPES - 100mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - 100mm SHALL BE UPVC TO 100mm (100 & 150)
 - d. ALL UPVC PIPES PENETRATING THROUGH SLABS SHALL BE WITH GASKETS
 - e. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SLEEVED
 - f. CLEAN/OUTLETS COVERS SHALL BE MATCH WITH FINISHING FLOOR
 - g. BENDING/STEERING CLEARANCE SHALL BE PROVIDED FOR ALL SCHEDULED PVC PIPES
 16. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 900mm OR LESS IN POSITIONING AREA OR AT A DEPTH OF 1200mm BELOW THE FLOOR 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:
 SECOND FLOOR PLUMBING

SCALE : 1:100 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV REV.DATE
DRAWING NUMBER : P/07	