



- NOTES**
1. ALL DIMENSIONS IN THIS DRAWING ARE IN MM
 2. DON'T SCALE THIS DRAWING USE FIGURED DIMENSIONS ONLY
 3. ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL LAYOUTS
 4. ALL EQUIPMENT AND WORK SHALL BE APPROVED OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED
 5. LEAKS PROVISION FOR ALL CONCEALED DRAINS AND ALL 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 RETAINING WALLS/SLABS
 7. NO WORK SHOULD BE DONE AT SITE WITHOUT APPROVED "SHOP DRAWING" ANY WORK SHOULD BE AT THE CONTRACTOR'S RISK & COST
 8. "SHOP DRAWING" TO INCLUDE AT LEAST: JOINT LEVELS, PIPE SIZES, DOUBLE LINE PIPING, THE DIMENSIONS VALVES/FITTINGS TO SCALE ETC. SECTIONS, INSTALLATION DETAILS ETC. TO BE WITH ALL TRADES
 9. CONTRACTOR MUST ENSURE THAT ALL EQUIPMENT/UTENSILS/TOOLS 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 RECOMMENDATIONS
 12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PIPING, VALVES, FITTINGS AND ACCESSORIES/APPENDICES REQUIRED ARE SUPPLIED AS PART OF THIS CONTRACT AND COORDINATED WITH:
 - a. ALL ARCHITECTURAL & REFLECTED CEILING PLANS
 - b. ALL OTHER MECHANICAL
 - c. STRUCTURAL MEMBERS
 - d. FINAL LOCATION OF EQUIPMENTS
 13. ALL HOSE ROLL CABINETS TO BE PROVIDED WITH ELBOW DRAIN
 14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.5M AWAY FROM THE WETTER PIPE LINE OR SEPTIC TANK
 15. LEAK AND SEVERITY 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 WATER PIPING SYSTEMS SHALL BE PVC (MIN 125N 125N 410)
 - b. ALL ABOVE GROUND PIPES - Ø90mm SHALL BE UPVC TO
 - c. ALL UNDER GROUND PIPES - Ø90mm SHALL BE UPVC TO 1000 (Ø80 800 & 500)
 - d. ALL UPVC PIPES PENETRATING THROUGH GROUND SHALL BE WITH PIPES 100
 - e. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SLEEVED
 - f. CLEAN OUTLET COVERS SHALL BE MATCHED WITH FINISHING FLOOR
 - g. BENDING/ELBOW COVERS 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 PERFORATION AREA OR AT A DEPTH OF 1200mm ELSEWHERE 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:
 GROUND FLOOR FIRE FIGHTING EQUIPMENT

SCALE : 1:50 @ A1	DATE : DEC 2020
DRAWN BY : CK	CHECKED BY SMO
APPROVED BY : SMO	REV REV.DATE
DRAWING NUMBER : P/03	