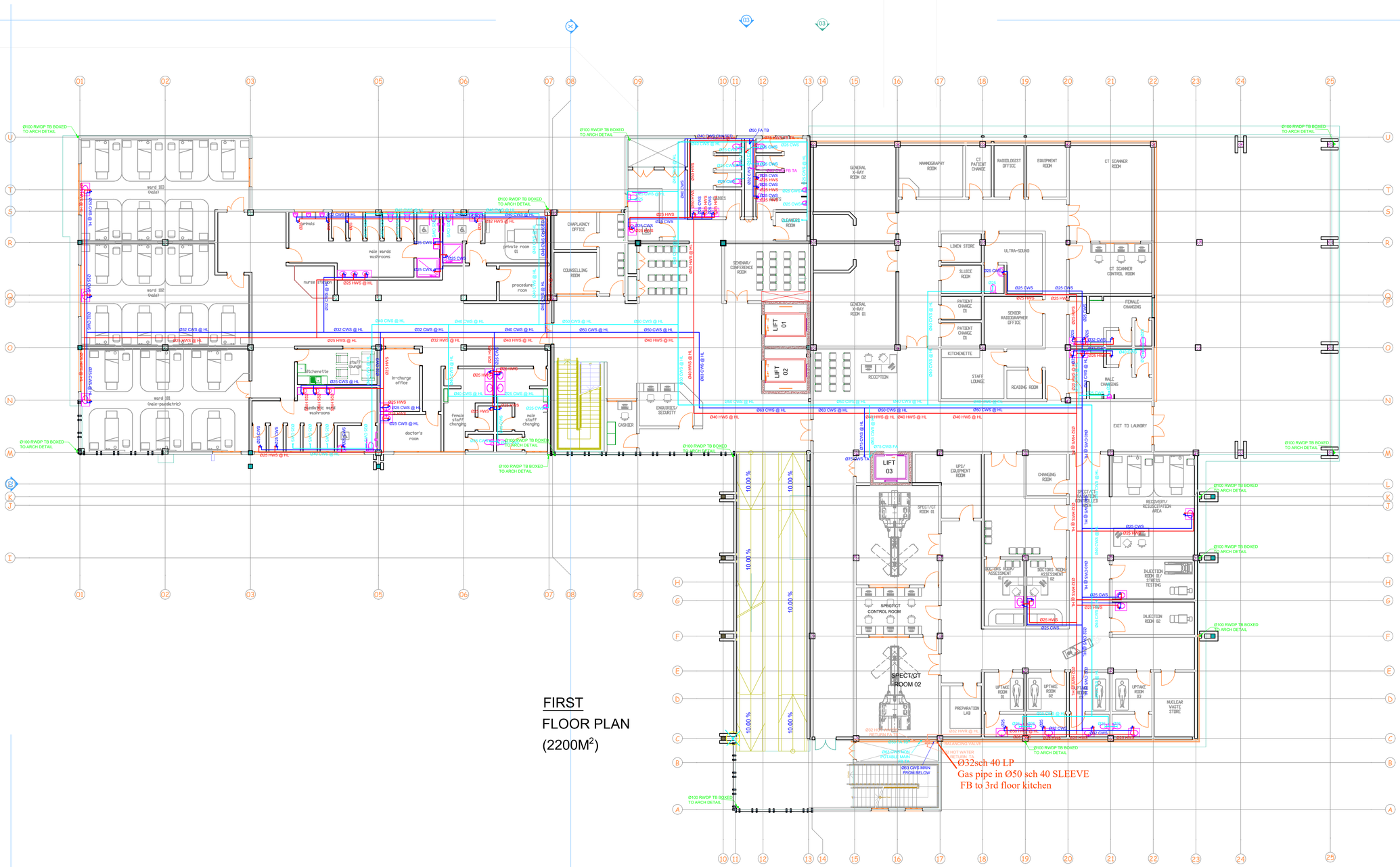

FIRST
FLOOR PLAN
(2200M^2)

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 CONJUCTION WITH ARCHITECTURAL LAYOUTS
4. ALL EQUIPMENT AND DEVICES SHALL BE UL APPROVED(OR HAVE AN EQUIVALENT CERTIFICATION WHERE REQUIRED)
5. LEAVE PROVISION FOR ALL A/C CONDENSATE DRAINS AND ELECTRIC WATER HEATER DRAIN (FOR MAINTENANCE PURPOSES) TO BE CONNECTED AT TEE AT WASH BASIN OUTLET IN BUILDINGS.
6. A MINIMUM OF 500mm IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING RETAINING WALLS/SLABS.
7. NO WORK SHOULD BE DONE AT SITE WITHOUT APPROVED "SHOP DRAWING". ANY SUCH WORK IS AT THE CONTRACTORS RISK & COST.
8. "SHOP DRAWINGS" TO INCLUDE AT LEAST B.O.P. LEVELS, PIPE INVERTS, DOUBLE LINE PIPING, TIE DIMENSIONS VALVES/FITTINGS TO SCALE ETC, SECTIONS, INSTALLATION DETAILS ETC. & TO BE WITH ALL TRADES.
9. CONTRACTOR MUST ESTABLISH THAT ALL EQUIPMENT OFFERED/SUPPLIED ARE ABLE TO FIT INTO SPACES INTENDED
10. DRAINAGE CONTRACTOR TO COORDINATE WITH OTHER TRADES TO ENSURE SUFFICIENT SPACE 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/ 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 LOCATIONS OF EQUIPMENTS.
13. ALL HOSE REEL CABINETS TO BE PROVIDED WITH FLOOR DRAIN.
14. ALL WATER SUPPLY PIPES SHALL BE INSTALLED AT LEAST 1.0 M AWAY FROM THE SEWER PIPE LINE OR SEPTIC TANK.
15. LEAK AND GRAVITY TESTS SHALL BE CARRIED OUT AFTER THE PIPES ARE INSTALLED AND CONSULTANT CERTIFICATE SHALL BE SUBMITTED TO AUTHORITIES ENGINEERS.
16. PIPING MATERIAL FOR DRAINAGE SYSTEM SHALL BE AS FOLLOWS.
   a. INTERNAL WASTE PIPES UPTO 050mm SHALL BE UPVC TO BSEN 1329-1 (BS 4514)
   b. ALL ABOVE GROUND PIPES > 050mm SHALL BE UPVC TO
   c. ALL UNDER GROUND PIPES > 050mm SHALL BE UPVC TO BSEN 1401-1 (BS 4660 & 5481)
17. ALL UPVC PIPES RUNNING UNDER GROUND SHALL BE WITH SLOPE 1:100.
18. ALL PIPES WHICH ARE PASSING THROUGH THE WALLS OR SLABS SHALL BE SLEEVED.
19. CLEAN OUTLETS COVERS SHALL BE SAFEST WITH FINISHING FLOOR.
20. RODDING EYE / CEILING-CLEAN OUT SHALL BE PROVIDING FOR ALL SUSPENDED PVC PIPES.
21. ANY DRAINAGE PIPE RUN UNDER THE BUILDING OR AT A DEPTH OF 600mm OR LESS IN PEDESTRIAN AREAS OR AT A DEPTH OF 1200MM OR LESS IN VEHICULAR 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:

FIRST FLOOR PLUMBING

SCALE : 1:100 @ A1	DATE : DEC 2020	
DRAWN BY : CK	CHECKED BY SMO	
APPROVED BY : SMO	REV	REV.DATE
DRAWING NUMBER : P/04		