



PROJECT TITLE AND LOCATION:

PREPARED BY:

CHECKED BY:

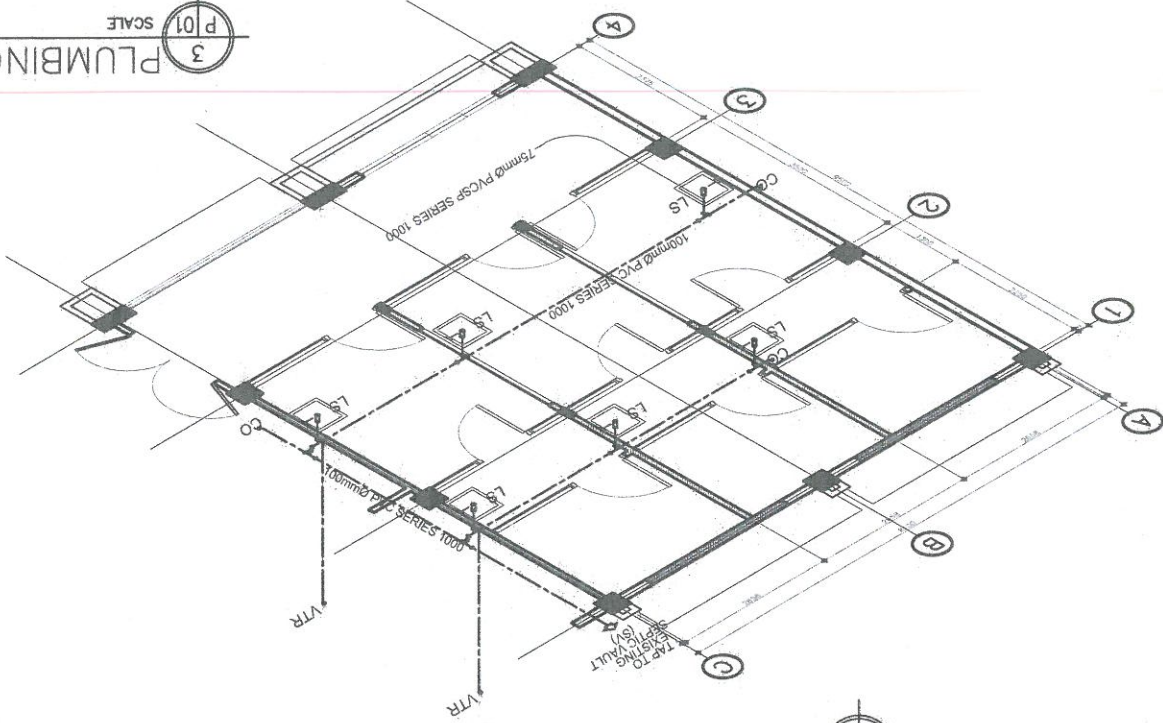
CONCURRED BY:

RECOMMENDING APPROVAL:

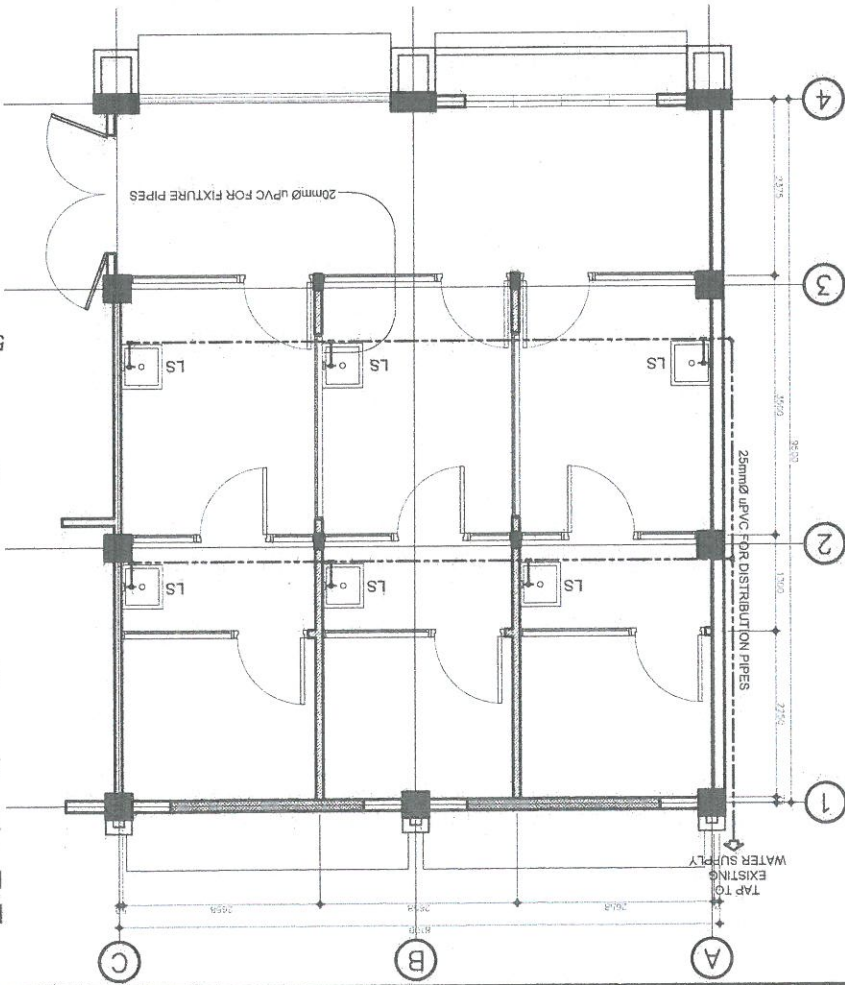
APPROVED BY:

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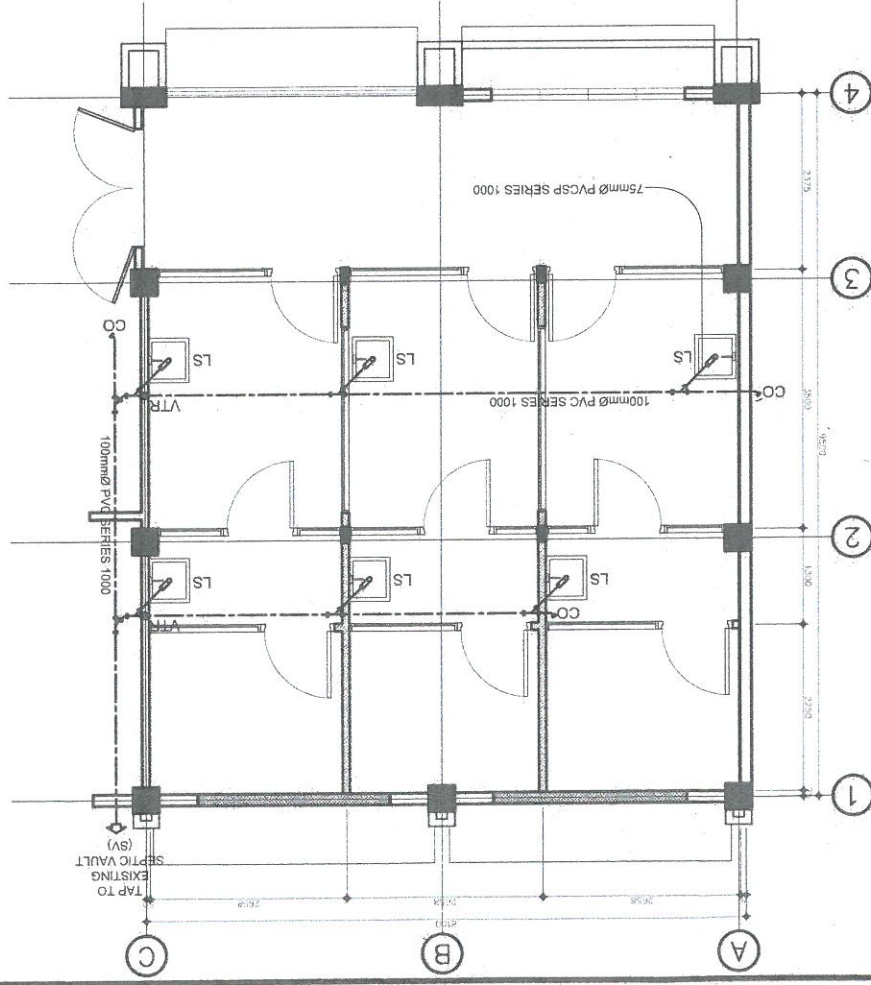
3 PLUMBING ISOMETRIC
SCALE 1:100M TS



2 WATERLINE LAYOUT
SCALE 1:100M TS



1 SANITARY LAYOUT
SCALE 1:100M TS



PLUMBING NOTES

1. ALL PLUMBING INSTALLATIONS SHALL BE OF BRAND NEW AND APPROVED TYPE OF MATERIALS
2. GRADES OF HORIZONTAL PIPING
RUN ALL HORIZONTAL PIPING IN PERFECT ALIGNMENT AND AT A FORM GRADE NOT LESS THAN TWO PERCENT (2%)
3. CHANGE IN DIRECTION
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY-FIVE DEGREES (45°) WYES, LONG SWEEP QUARTER BEND, SIXTH-EIGHT OR SIXTEENTH BEND, WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL A SINGLE 1/8 BEND COMBINATION MAYBE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAYBE USED ON WASTE
4. PROHIBITED FITTINGS:
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED FOR HORIZONTAL SOIL AND WASTE LINES, THE DRILLINGS AND TAPPING OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BEND ARE PROHIBITED.
5. CLEAN-OUTS SHALL BE INSTALLED UNDER THE FF. CONDITIONS:
A) EVERY CHANGE IN HORIZONTAL DIRECTIONS EXCEEDING TWENTY TWO AND A HALF DEGREES (22.5%).
B) ONE AND A HALF METER (1.5m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.
C) EVERY FIFTEEN METERS (15m) IN HORIZONTAL LINE OF PIPES.
D) AT THE END OF ANY HORIZONTAL PIPE LINES.

MATERIAL SPECIFICATION:

- A) WATER PIPES
25mm UPVC FOR DISTRIBUTION PIPES
100mm PVC FOR MAIN PIPES
100mm PVC FOR WATER CLOSET PIPES
- B) SOIL, WASTE, & VENT PIPES (S 1000)
100mm PVC FOR MAIN PIPES
100mm PVC FOR WATER CLOSET PIPES
50mm PVC FOR VENTILATION PIPES
75mm PVC FOR WASTE & ROOF DRAIN PIPES

PLUMBING LEGEND	
LS	LAVATORY SINK
CO	CLEAN OUT
PVCSP	POLYVINYL CHLORIDE SOIL PIPE
PVCVP	POLYVINYL CHLORIDE VENT PIPE
UPVC	UPLASTICIZED POLYVINYL CHLORIDE
---	SANITARY LINE
---	WATERLINE