

APPENDIX 4

PROPOSED OFFICE FIT OUTS AT K.R.A.

CBC, UPPERHILL

PLUMBING & DRAINAGE LAYOUTS

MAY 2020

NOTES.

- 1- DO NOT SCALE FROM THESE DRAWNGS, USE FIGURED DIMENSIONS ONLY.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- 3- GALVANISED STEEL PIPING TO BE USED AS FOLLOWS
HOSEREEL INSTALLATIONS - CLASS B
DRYRISER INSTALLATIONS - CLASS C
- 4- ALL FOUL&WASTE DRAINAGE TO BE uPVC OR Mu PVC JOINTED TO MANUFACTURER'S SPECIFICATION.
- 5- ALL FOUL DRAINAGE WORKS TO COMPLY WITH BS EN 12056 (ALL PARTS) AND BS EN 752(ALL PARTS).
- 6- ALL SANITARY INSTALLATION TO COMPLY WITH
BS EN 6465-1:2006
BS EN 6465-3:2006
- 7- ALL PLUMBING/WASHDOWN WATER PIPING TO BE TO
BS EN 6700:1997
BS EN 806(ALL PARTS)
- 8- CPVC/PPR TO BE USED AS
FOLLOWS - PLUMBING PIPING
- 9- EXPOSED RAINWATER PIPING TO BE UPVC JOINTED TO MANUFACTURER'S SPECIFICATIONS OR GALVANISED MILD STEEL TO SPECIFICATIONS
- 10- ALL RAINWATER DRAINAGE PIPING IN COLUMNS TO BE
PVC PRESSURE PIPES (CLASS 41)
- 11- STANDPIPES TO BE FIXED 600MM AFFL UNLESS OTHERWISE STATED
- 12- COPPER PIPING TO BE AS FOLLOWS:-LP GAS PIPING-TYPE K COPPER TUBING

PLUMBING & IRRIGATION LEGEND

- PLUMBING PIPING(HOT / FIRE FIGHTING WATER SUPPLY)
- PLUMBING PIPING(COLD/CLEAN WATER SUPPLY)
- PLUMBING PIPING(RECYCLED WATER SUPPLY)
- PLUMBING PIPING(HOT WATER RETURN)
- COLD WATER DRAW OFF (TAP)
- PIPE BENDS AT THE BOTTOM OF RISE /DROP
- PIPE BENDS AT THE TOP OF RISE/DROP
- WATER METER
- STAND PIPE
- VALVE
- WC FLUSH VALVE
- NON-RETURN VALVE
- UNION
- PUMP
- PRESSURE VESSEL
- FLOAT VALVE (WC CISTERN)
- FLOAT VALVE (TANK)
- HANDSPRAY

ABBREVIATIONS

- PD - PIPE DROP
- PR - PIPE RISE
- FA - FROM ABOVE
- FB - FROM BELOW
- TA - TO ABOVE
- TB - TO BELOW
- IV - ISOLATING VALVE
- BV - BALL VALVE
- LV - LANDING VALVE
- HR - HOSEREEL
- OFP - OVER FLOW PIPE
- SP - STAND PIPE
- RM - RISING MAIN
- PRV - PRESSURE REDUCING VALVE
- AV - AIR ADMITANCE VALVE
- F - WC / URINAL FLUSH VALVE
- NRV - NON-RETURN VALVE
- RO - REVERSE OSMOSIS

FIRE PROTECTION AND SUPPRESION LEGEND

- 5 Kg CO2 GAS PORTABLE FIRE EXTINGUISHER
- 9 Kg DRY POWDER PORTABLE FIRE EXTINGUISHER
- 9 LITRE WATER PORTABLE FIRE EXTINGUISHER
- F/B

- FIRE BLANKET
- HOSE REEL

DRAINAGE LEGEND

- DRAINAGE PIPE (SOIL & WASTE WATER)
- DRAINAGE PIPE (RAINWATER)
- GULLY TRAP
- MH

- FOUL WATER INSPECTION CHAMBER
- RAIN WATER MAN HOLE GRATING
- FLOOR DRAINAGE
- FT

- FLOOR TRAP
- SD

- SHOWER DRAIN
- RWDP

- RAINWATER DRAIN PIPE
- RWMH

- RAINWATER MANHOLE (TO C.E DETAILS)
- FWMH

- FOULWATER MANHOLE (TO C.E DETAILS)
- SVP

- STACK & VENT PIPE
- WVP

- WASTE PIPE (VENTED)
- NWSC

- NAIROBI WATER AND SEWERAGE COMPANY LIMITED
- RE

- RODDING EYE

NOTES

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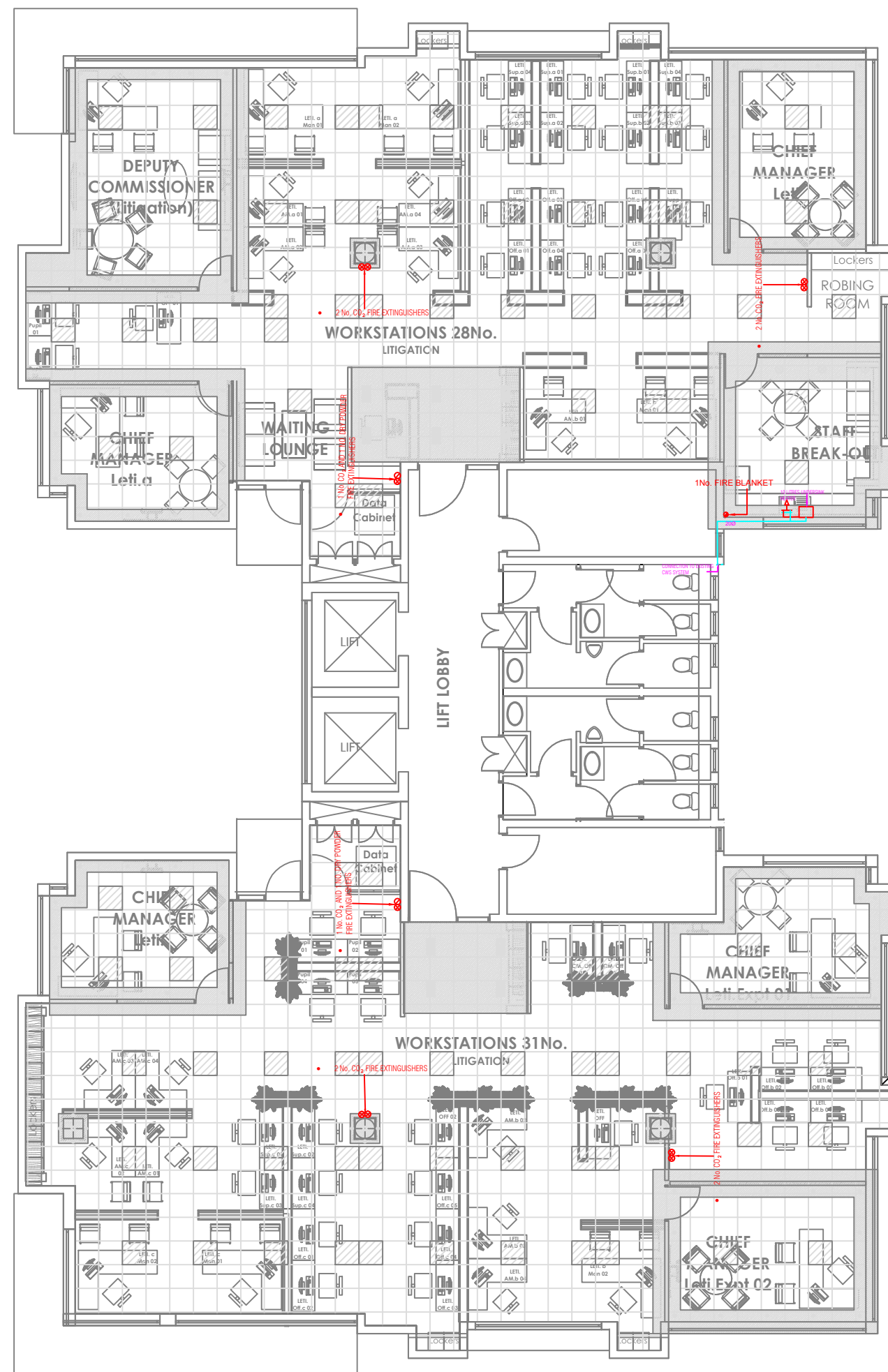
Client
KENYA REVENUE AUTHORITY

Project
PROPOSED INTERIOR DESIGN FIT OUT FOR KRA, CBC UPPERHILL, NAIROBI

Architeets

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Drawing Title	
PHASE 1 MECHANICAL INSTALLATIONS LEGEND & SYMBOLS	
Designed by	Drawn by
Checked by	Approved by
Scale N.T.S.	Date MAY 2020
Job No. 1806	ACAD File: 000-KRA-000a-P000-R
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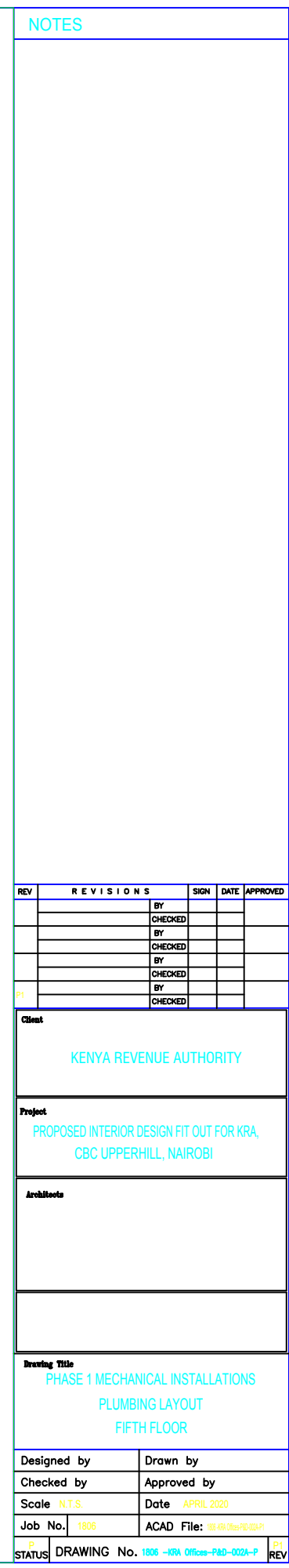
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KENYA REVENUE AUTHORITY

Project
PROPOSED INTERIOR DESIGN FIT OUT FOR KRA,
CBC UPPERHILL, NAIROBI

Architects

Drawing Title
PHASE 1 MECHANICAL INSTALLATIONS
PLUMBING LAYOUT
THIRD FLOOR

Designed by	Drawn by
Checked by	Approved by
Scale N.T.S	Date APRIL 2020
Job No. 1806	ACAD File: KRA-Office-P&D-001A-P
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KENYA REVENUE AUTHORITY

Project
PROPOSED INTERIOR DESIGN FIT OUT FOR KRA,
CBC UPPERHILL, NAIROBI

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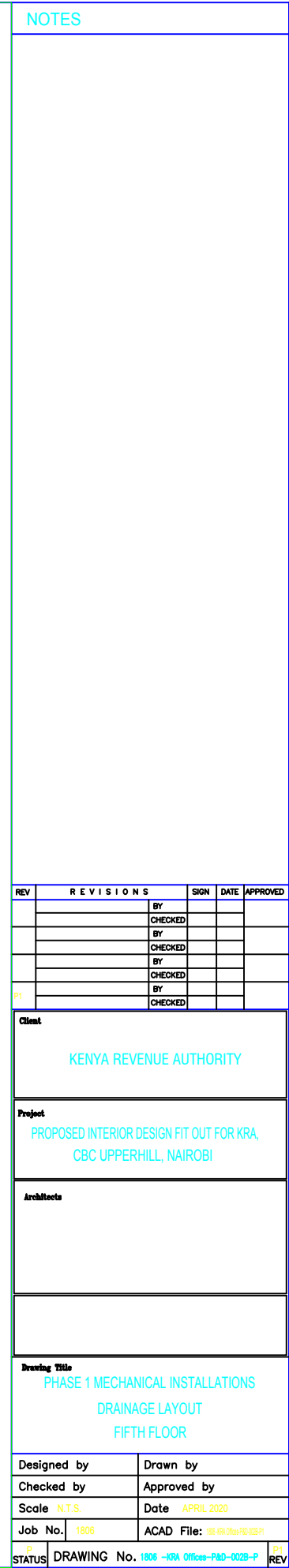
Drawing Title

PHASE 1 MECHANICAL INSTALLATIONS

PLUMBING LAYOUT

FIFTH FLOOR

Designed by		Drawn by	
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Job No. 1806		ACAD File: 003-020-000-003-01	
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KENYA REVENUE AUTHORITY

Project
PROPOSED INTERIOR DESIGN FIT OUT FOR KRA,
CBC UPPERHILL, NAIROBI

Architects

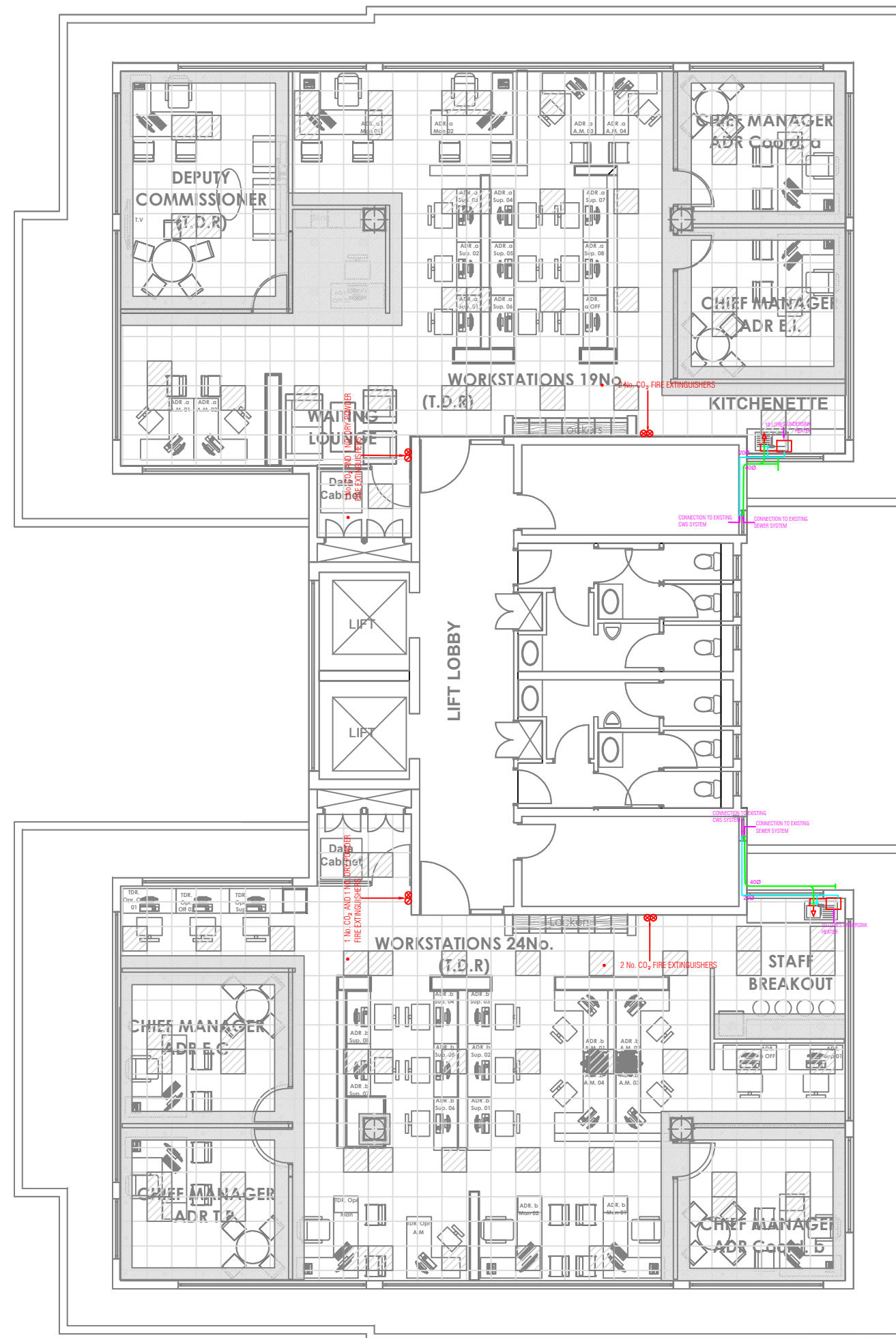
Drawing Title

PHASE 1 MECHANICAL INSTALLATIONS

DRAINAGE LAYOUT

FIFTH FLOOR

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KENYA REVENUE AUTHORITY

Project

PROPOSED INTERIOR DESIGN FIT OUT FOR KRA,
CBC UPPERHILL, NAIROBI

Architects

Drawing Title

PHASE 1 MECHANICAL INSTALLATIONS
PLUMBING LAYOUT
SEVENTH FLOOR

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Checked by	Approved by
Scale N.T.S	Date APRIL 2020
Job No. 1806	ACAD File: KS-GR-07rev-103A-P1
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