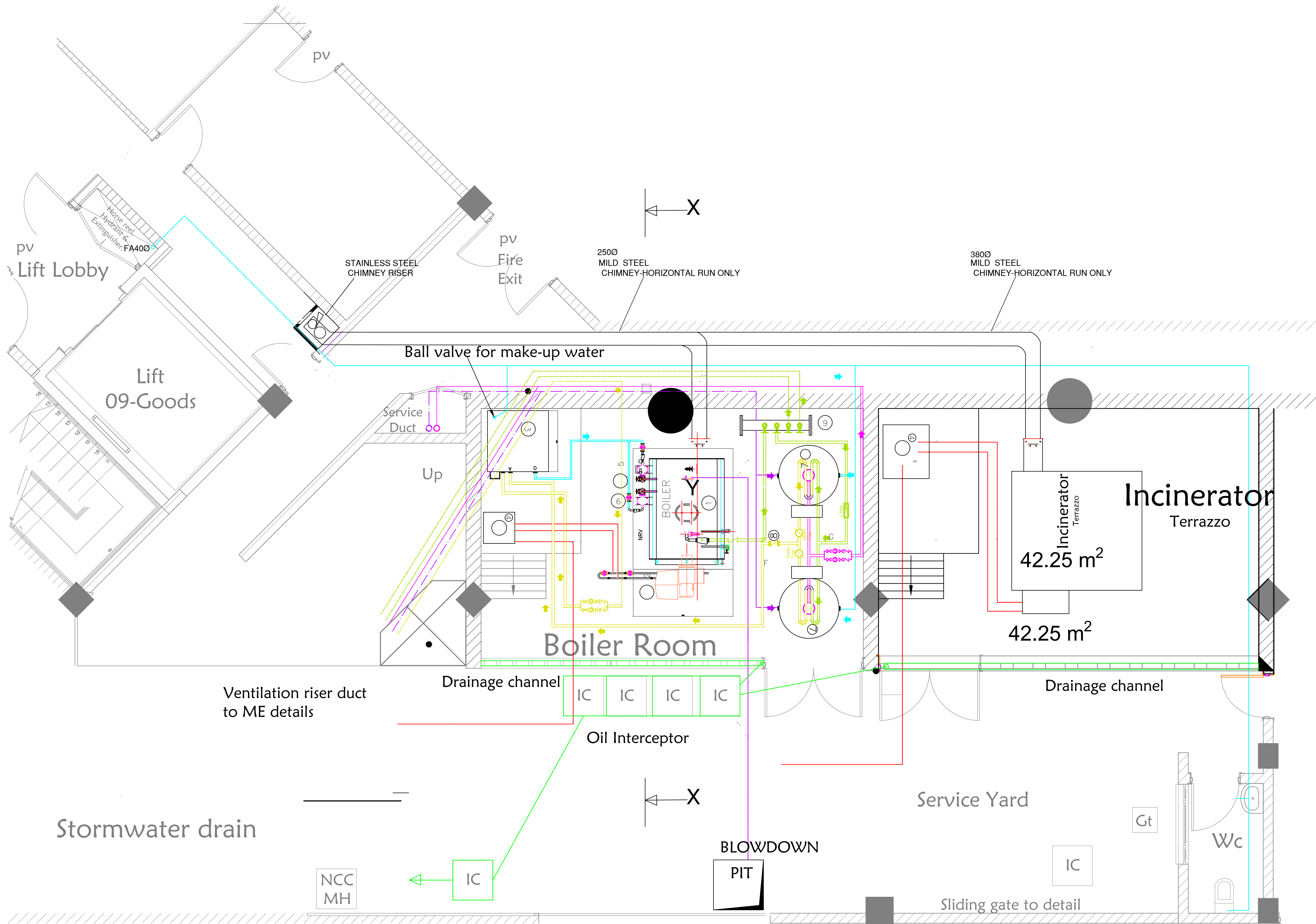




NOTES

- a)Safety valve pipe size ϕ 50 mm
- b)Blowdown pipe size ϕ 50 mm
- c)Steam pipe to Header ϕ 40mm

LEGEND

- 1.Boiler
- 2.Burner
- 3.Feed Water tank 1800 Litres
- 4.Day oil tank 1800 Litres
- 5.Feed Water Pumps
- 6.Isolation valve
- 7.Calorifiers ϕ 1200mm and 2000 mm height
- 8.Non Return Valve
- 9.Steam Header

PIPES

- A. Make up Water
- B.Feed Oil to boilers
- C.Oil return from boilers
- D.Feed Water to pumps
- E.Inlet from oil storage tank
- F.Condensate from Calorifiers
- G.Steam to Calorifiers
- PRS- Pressure reducing station

SHEET 2 OF 3

GENERAL NOTES

- 1. All dimensions in mm unless otherwise specified.
- 2. Drawings are not to be scaled,only figured dimensions to be used.
- 3. All dimensions to be checked and verified before commencement of the work.
- 11. These drawings should be read with any other relevant drawings.
- 13. SVP denotes Soil vent Pipes.
- 6. IC denotes inspection chambers.
- 7. All drainage works to MOH standards.
- 4. Fire instructional notices shall be provided.
- 2.All cold water Supply pipes to be PPRC-PN20

LEGEND

- FA From above
- TA To above
- FB From below
- TB To below

- Fuel supply
- Drainage

- Hot Water Return (HWR)
- Hot Water Supply (HWS)
- Condensate Return(CR)
- Steam supply
- Cold Water Supply

- Check Valve
- Pump
- Gate Valve

REVISIONS:

No.	Description	Date	No.	Description	Date

ARCHITECTS:

HARITECH CONSULTANTS
ARCHITECTS AND PLANNERS
P.O BOX 86499
TEL 38603945
NAIROBI

PROJECT

THE PROPOSED PHASE 2 WORKS FOR THE PROPOSED RESEARCH TECHNOLOGY AND INNOVATION LABORATORIES AND RELATED INFRASTRUCTURE ON PLOT NO 209/5811, LUSAKA ROAD, NAIROBI.

Boiler, incinerator & steam distribution system.

SCALE: DATE: 1:172.93 30th June, 2025.

CONSULTANTS:
EMS CONSULTANTS LTD
MECHANICAL ENGINEERS
P.O BOX 1743-00100
TEL 0722817860 / 0757539257
NAIROBI

DWG. NO: EMS 112/08/25

H.O

CONSULTANTS SIGNATURE:
DATE.....

CLIENT:

GOVERNMENT OF KENYA
MINISTRY OF INVESTMENTS, TRADE AND INDUSTRY.

Approved.....
Date.....
Chief Mechanical Engineer

CLIENTS SIGNATURE:
DATE.....

Post box Image: B3C6A435.jpg
A VISION 2030 PROJECT
KENYA INDUSTRIAL
DEVELOPMENT INSTITUTE
P.O BOX 30650-00100,
NAIROBI, KENYA.

MINISTRY OF LANDS, PUBLIC WORKS,
HOUSING & URBAN DEVELOPMENT
Approved.....
Date.....
Chief Mechanical Engineer
STATE DEPARTMENT FOR PUBLIC WORKS

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA