

Qasim Zia

Associate MEP Design Engineer

MEP Draftsman

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Summary

A highly self-motivated & organized, detail-oriented, conscientious self-starter, able to strategize & prioritize effectively to accomplish multiple tasks and stay calm under pressure, also can work for long hours, if situation demands.

Strong Team leadership and Management Skills. Ability to work in a collaborative and diverse team environment. To work in sophisticated and multinational environment with a view to expand my knowledge horizon and to serve National and International communities and organizations.

Experience

MEP DRAFTSMAN at Anhui Arabest Contracting L.L.C

June 2014 - June 2016 (2 years 1 month)

=>Preparation of Electrical Drawings.

- 1-Electrical Lighting
- 2-Electrical Power High Level & Low Level
- 3-Electrical Containment
- 4-Emergency & Exit Lighting System
- 5-Fire Alarm
- 6-Security System
- 7-Telephone & Data
- 8-SMATV System
- 9-Lightning Protection System

- =>Preparation Of Fire Fighting Drawings.
- =>Preparation Of Fire Strategy Drawings.
- =>Preparation Of Drainage Drawings.
- =>Preparation Of Water Supply Drawings.
- =>Preparation Of HVAC System Drawings.

- Preparation of Shop Drawings.
- Rectifying of drawing due to Coordination of M.E.P. actual work at site.
- Preparing Schematic/Single Line Diagram for all disciplines.

- Working on MEP coordination drawing (Underground & above false ceiling, reflected ceiling coordination).
- For the As built drawings visit the site and prepare the as built drawing according to site work.
 - Follow the QA/QC instruction for quality and standard the drawings.
 - Preparing Sketches for Request for information (RFI).
- Issuing the latest drawing for site, and coordinating with Project engineer, site engineer and site foreman.
 - Working on drainage & water supply shop drawings.
- Working on MEP coordination drawing (above false ceiling & reflected ceiling coordination ground floor).
- Rectifying of drawing due to Coordination of Architectural, Structural, and Mechanical, Electrical Shop Drawings.
 - Preparation of Electrical Load Schedule .
 - Project Planning.
 - Material Estimation.
 - Preparation Of MEP Materials List.
- Preparation of Coordination Design Included All Disciplines.
 - Manage and Supervise Site Activities.

Associate Engineer at Kundian Chemical Industries

October 2009 - October 2013 (4 years 1 month)

DUTIES AND RESPONSIBILITIES:

RADIOGRAPHIC INTERPRETATION OF DIFFERENT TECHNIQUES (DWSI, DWDI, SWSI, PANORAMIC)

RADIOGRAPHIC TESTING OF WELD JOINTS BY X-RAY.& GAMMA RAY Radio Graphic FILM PROCESSING

DYE-PENETRANT AND MAGNETIC PARTICLE TESTING OF VARIOUS TYPES OF WELDING / CASTING/FORGING/ROLLING ETC.

TENSILE TESTING AND COMPRESSION TESTING OF DIFFERENT MATERIALS AND WELDING VISUAL INSPECTION WELD JOINTS AS PER STANDARDS ASME SEC-V.

BOILER INSPECTION TECHNICAL REPORT WRITING

PROCEDURE WRITING ACCORDING TO CODES AND SPECIFICATIONS FAMILIARITY WITH INTERNATIONAL STANDARDS I.E., ASME, ASNT & AWS. FULL CAPABILITY OF MATERIAL CONTROL & INVENTORY

PIPING INSPECTION

EVALUATION OF WELDING QUALITY CORROSION PREVENTION METHOD

STANDARD CATHODIC PROTECTION

POTENTIAL OF WORKING AT HIGH EVALUATION

PNEUMATIC TESTING / HYDROSTATIC TESTING / HYDRAULIC TESTING RESULT
ORIENTED WITH SURFACE ROUGHNESS METER

QUALIFY AND CERTIFY WELDING PROCEDURE SPECIFICATIONS (WPS), PROCEDURE
QUALIFICATION RECORDS (PQR) AND WELDER PERFORMANCE QUALIFICATION (WPQ)
AS PER DIFFERENT AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) AND
AMERICAN WELDING SOCIETY (AWS) CODES

WITNESS VARIOUS INSPECTION POINTS FOR WELDING

QUALIFY WELDERS AND PROCEDURES IN THE USE OF ARC WELDING E.G. GTAW, SMAW
USING ASME SEC-9, AWS-D1.1

MATERIAL ANALYSIS (BY ALLOY ANALYZER X-MET 3000)

REVIEW OF TEST PACKAGES AND RELEASE THE LINES FOR HYDRO TEST
CONDUCT PUNCH LISTING PRIOR TO HYDRO TESTING OF PIPELINES. WITNESS AND
APPROVE PRESSURE TEST AND LOOP PACKAGES PRIOR TO MECHANICAL COMPLETION
REVIEW TEST CERTIFICATES, REPORTS & OTHER DOCUMENTS

REVIEW OF RADIOGRAPHS, WITNESSING OF NON-DESTRUCTIVE TESTING DAY TO DAY
PLANNING AND CO-ORDINATION OF QA & QC ACTIVITIES

AWARE OF CODES & STANDARDS IN ASME SECTION, III, V, VIII, IX, ASME B31.1, ASME
B31.3, AWS D1.1, API 510 & 570.

LEAK TESTING (VACCUME BOX TECHNIQUE). ULTRASONIC TESTING
DOCUMENTATION OF QA/QC DEPARTMENT

SUPERVISION OF ALL QUALITY CONTROL & QUALITY ASSURANCE ACTIVITIES

Skills & Expertise

MicroStation

Auto CAD (2D & 3D)

Autodesk Revit

Computer Programming In Softwares

MS-DOS

MS-WORD

MS-Excel

MS-Power Point

Microsoft Project T.T.6

Window Treatments

Windows

Web Design

Inpage Urdu

Correl Draw

MS Access

Adobe Photo Shop

Adobe Premier

Ulead Video Studio

Home Designer Suite

Home Plan Pro 3D

Computer Hardware

3D Studio Max

Certifications
NDT Inspector

Education

Pakistan Institute Of Modern Studies

Professional Diploma, (HRM) Human Resource
Management, 2010 - 2011

Activities and Societies: human resource
management

Lahore Board of Technical Education

Diploma of Associate Engineer (3 Years),
Mechanical Engineering, 2002 - 2005

Iqra Model High School & College

S.S.C, Science, 2000 - 2002

Courses

NDT Inspector Radio Graphic Testing NDT
Inspector Dye Penetrant Testing NDT Inspector
Magnetic Particles Testing

Independent Course work

NDT Inspector Ultrasonic Testing

NDT Inspector Visual Testing

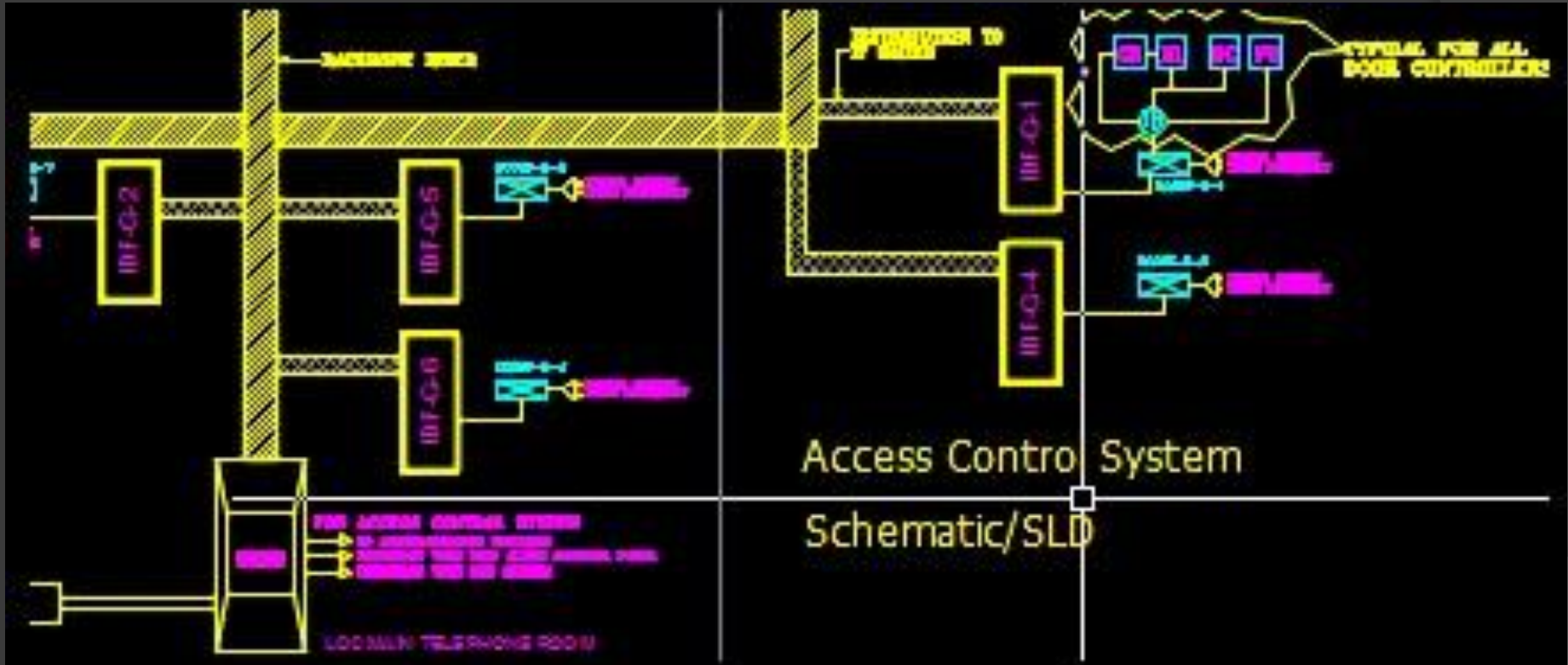
NDT Inspector Leak Testing (Vacuum Box
Technique)

NDT Inspector Eddy Current Testing

Languages

English
Urdu Punjabi Seraiki

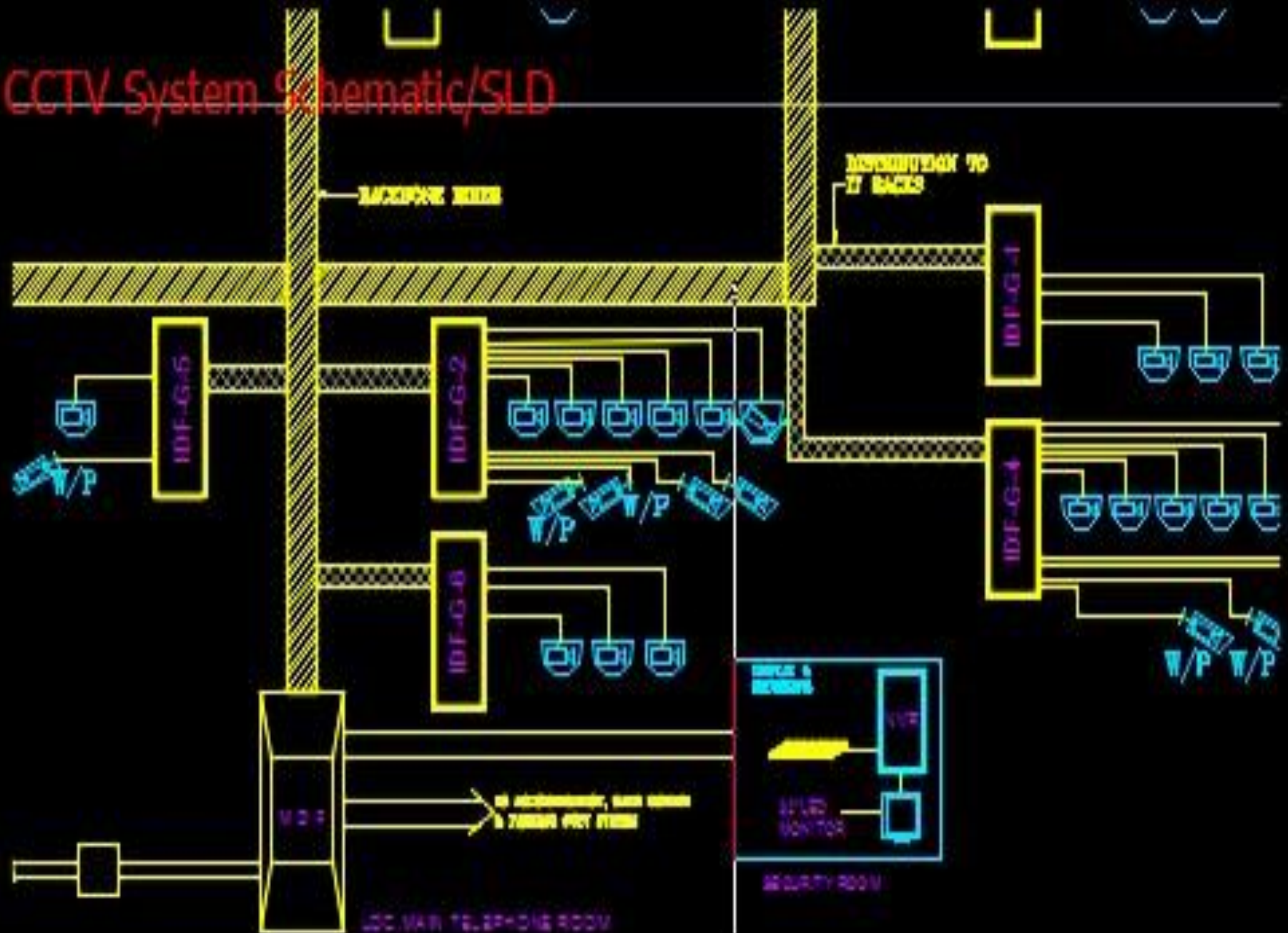
Samples Of My Designs.



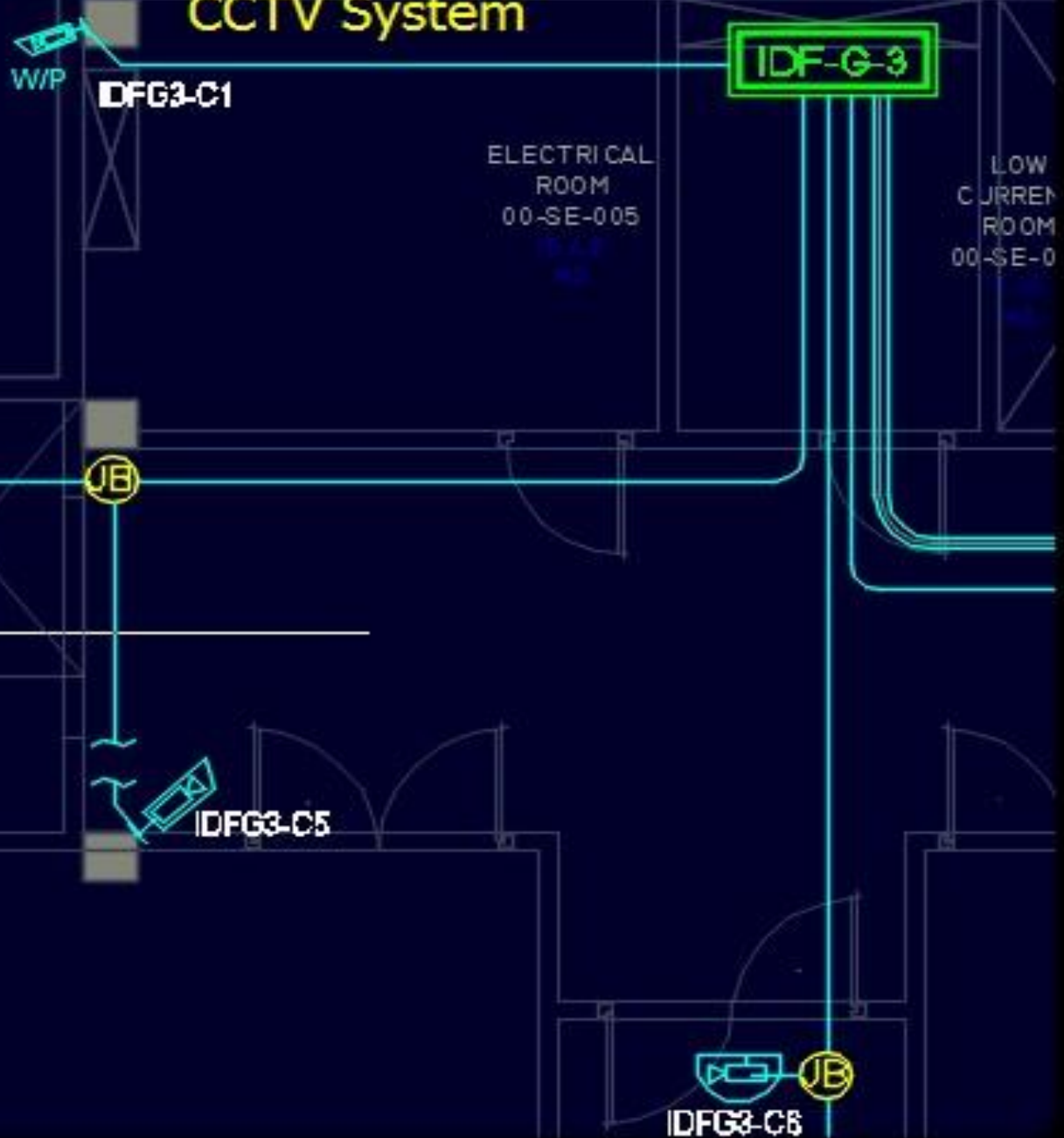
Access Control System



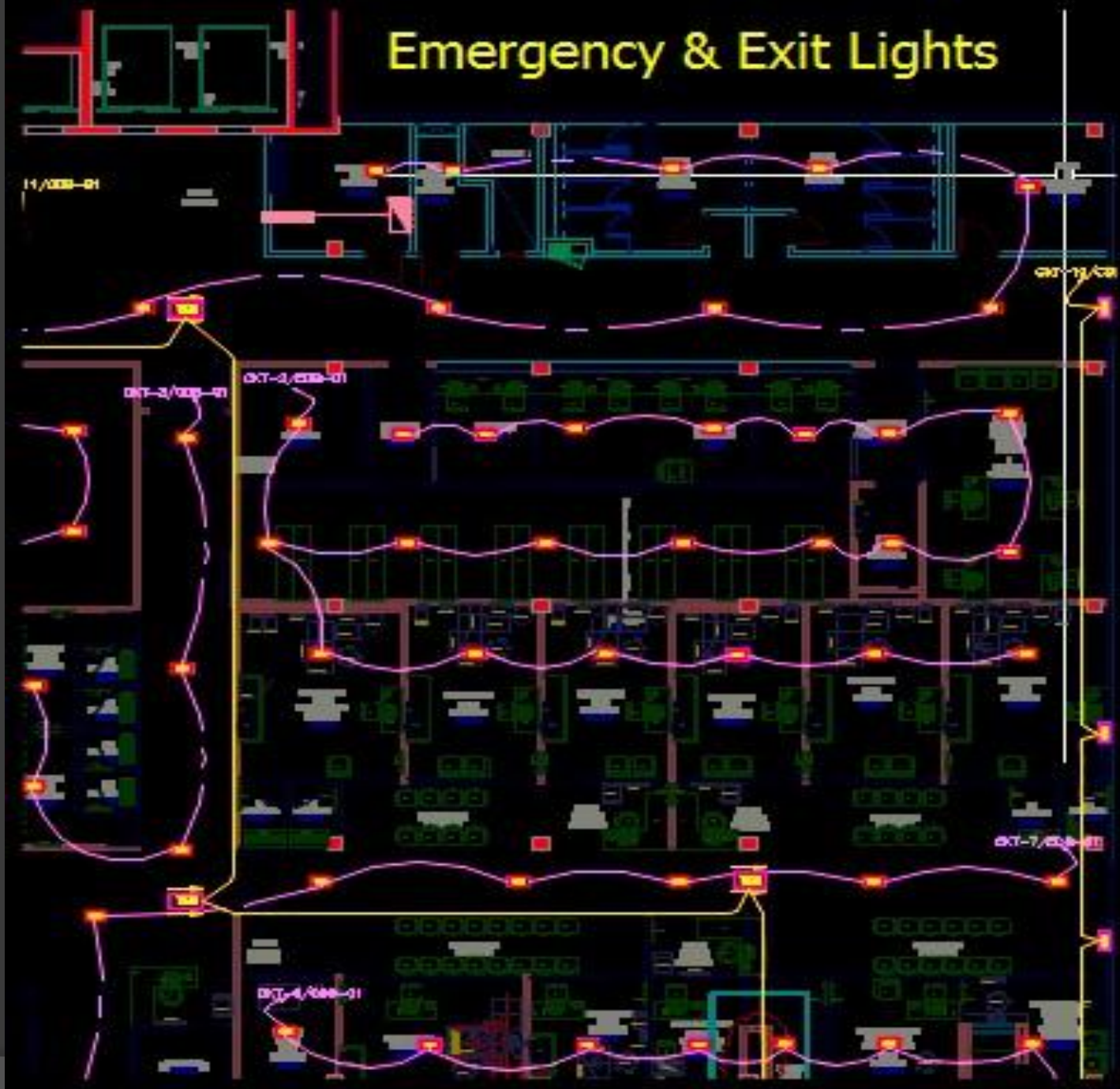
CCTV System Schematic/SLD

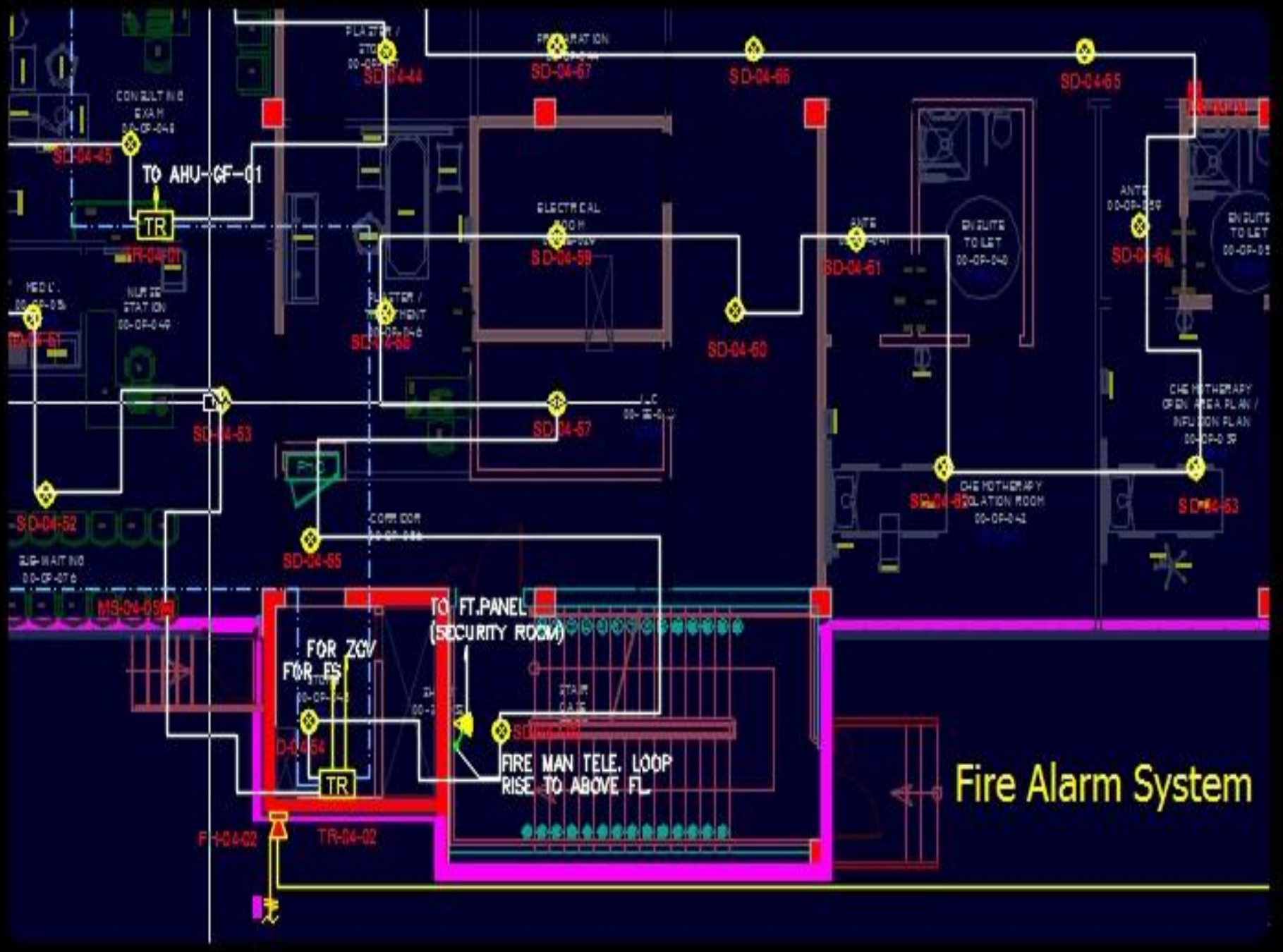


CCTV System



Emergency & Exit Lights





Fire Alarm Installation Details



FIGURE 10.1



FIGURE 10.2



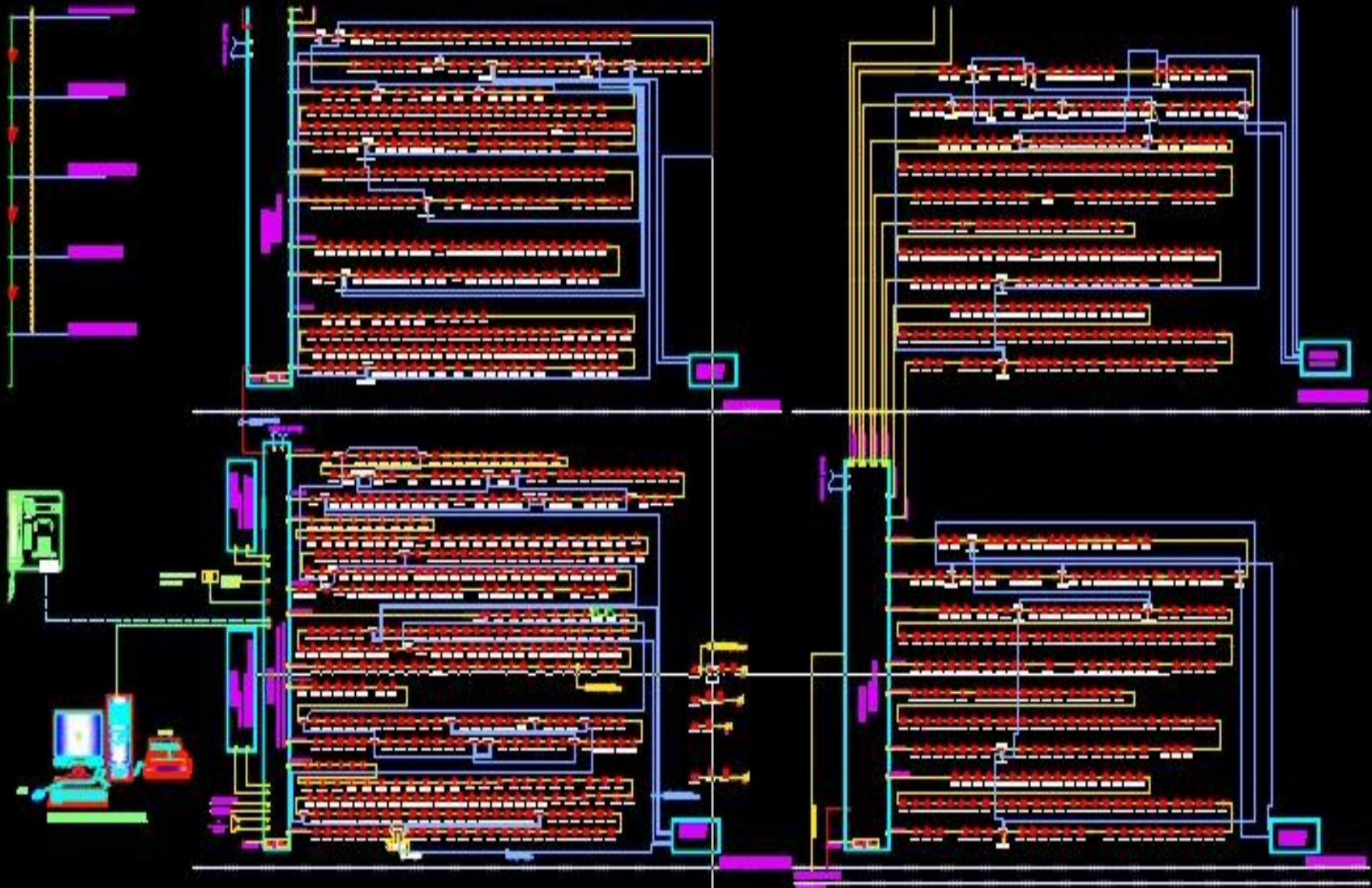
FIGURE 10.3



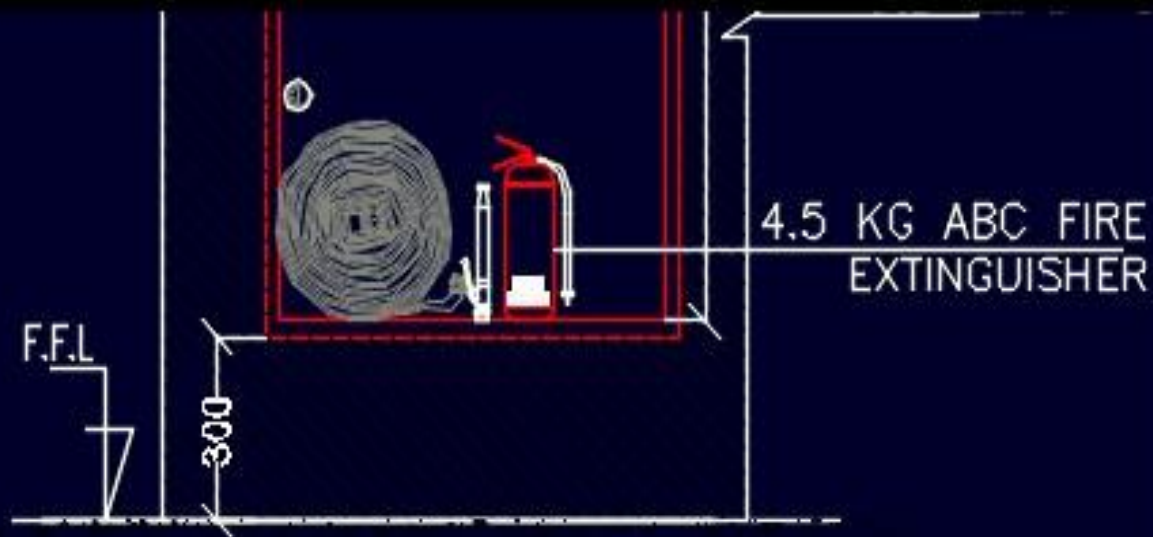
FIGURE 10.4



FIGURE 10.5

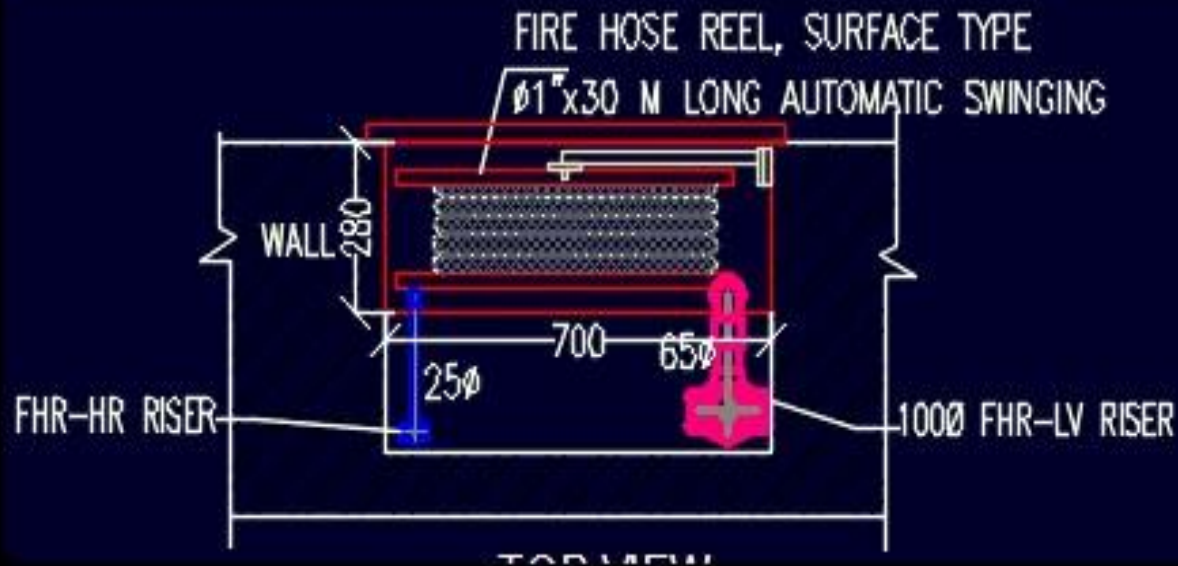


Fire Alarm system Schematic



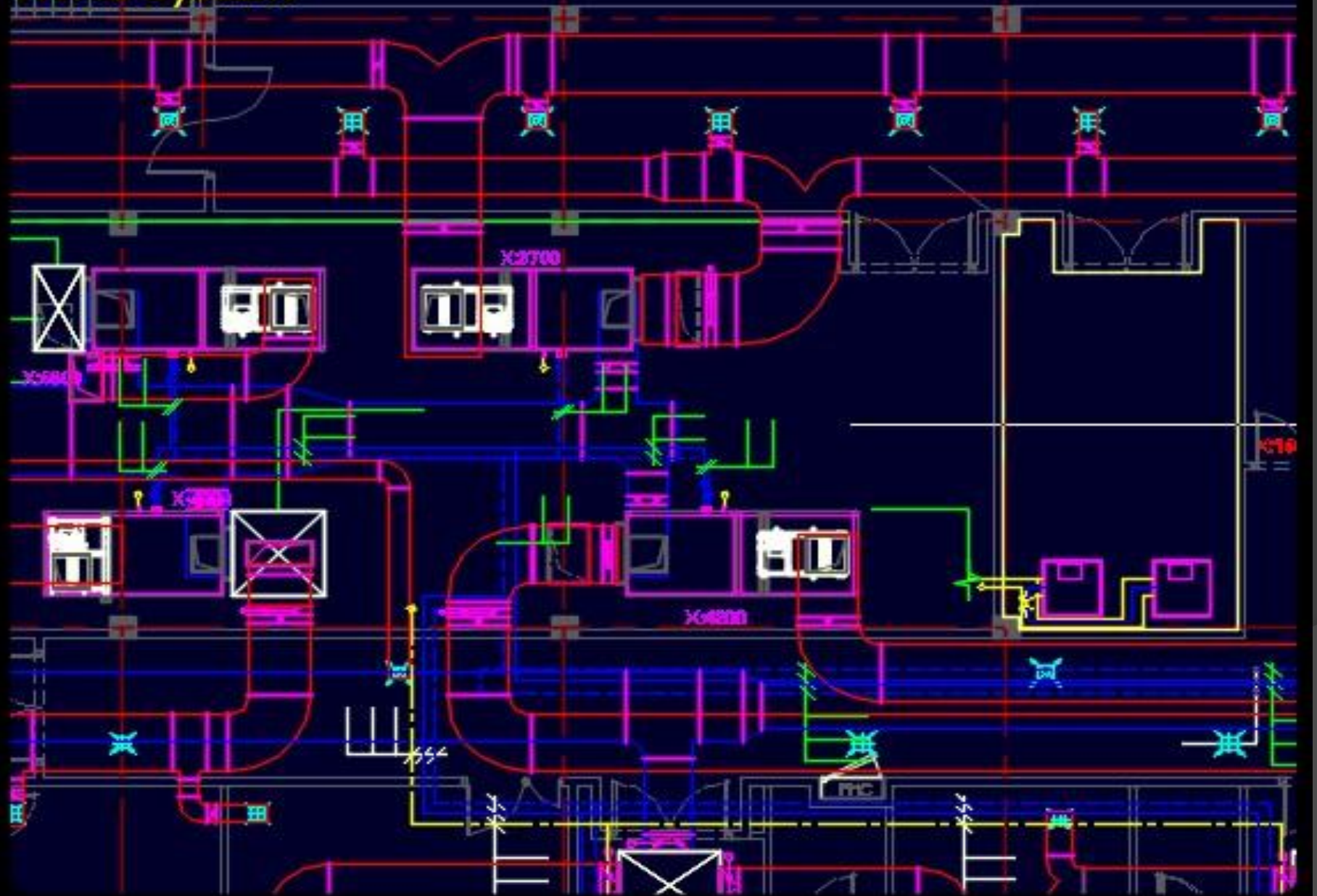
Fire Fighting

ELEVATION

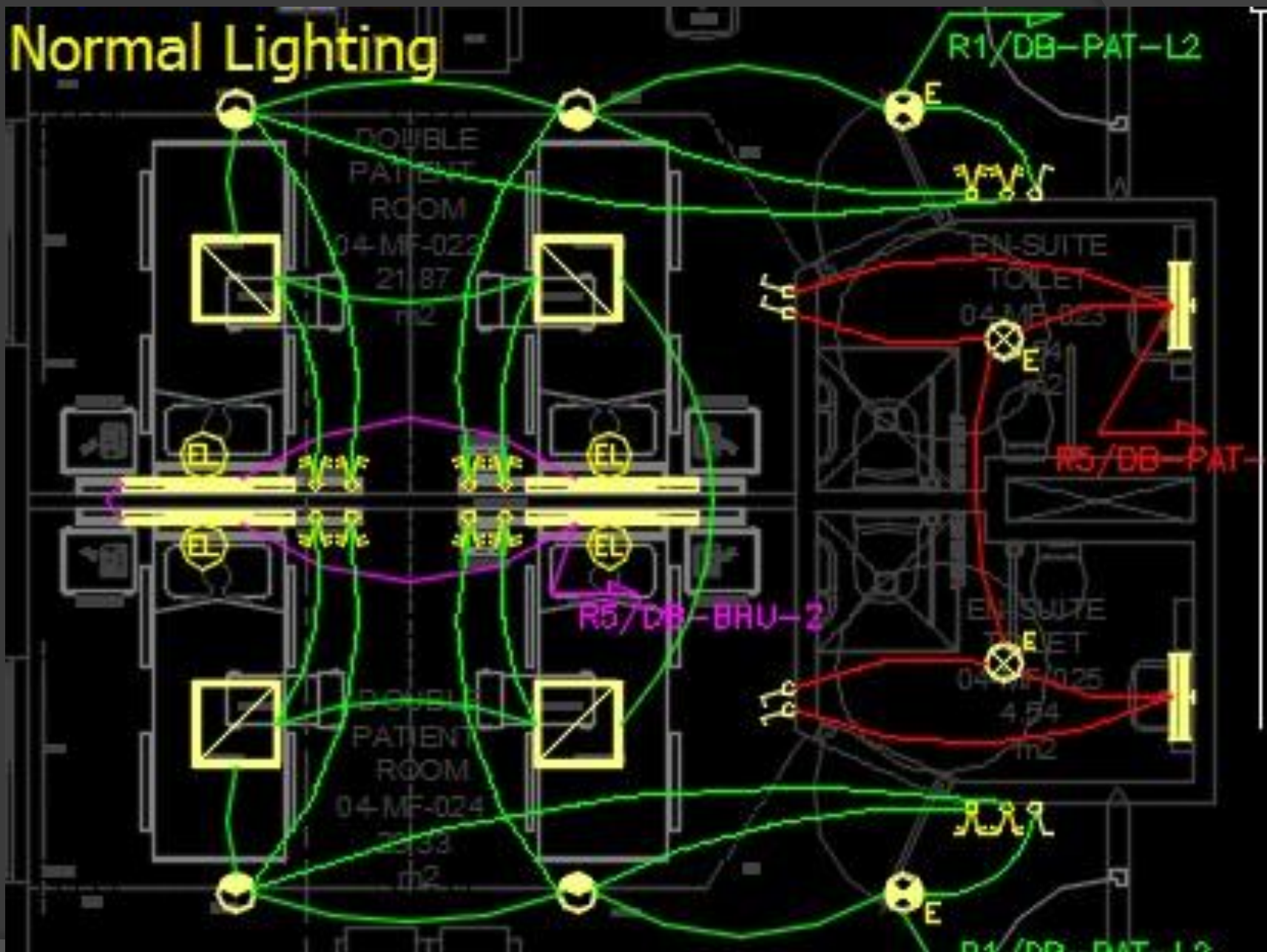


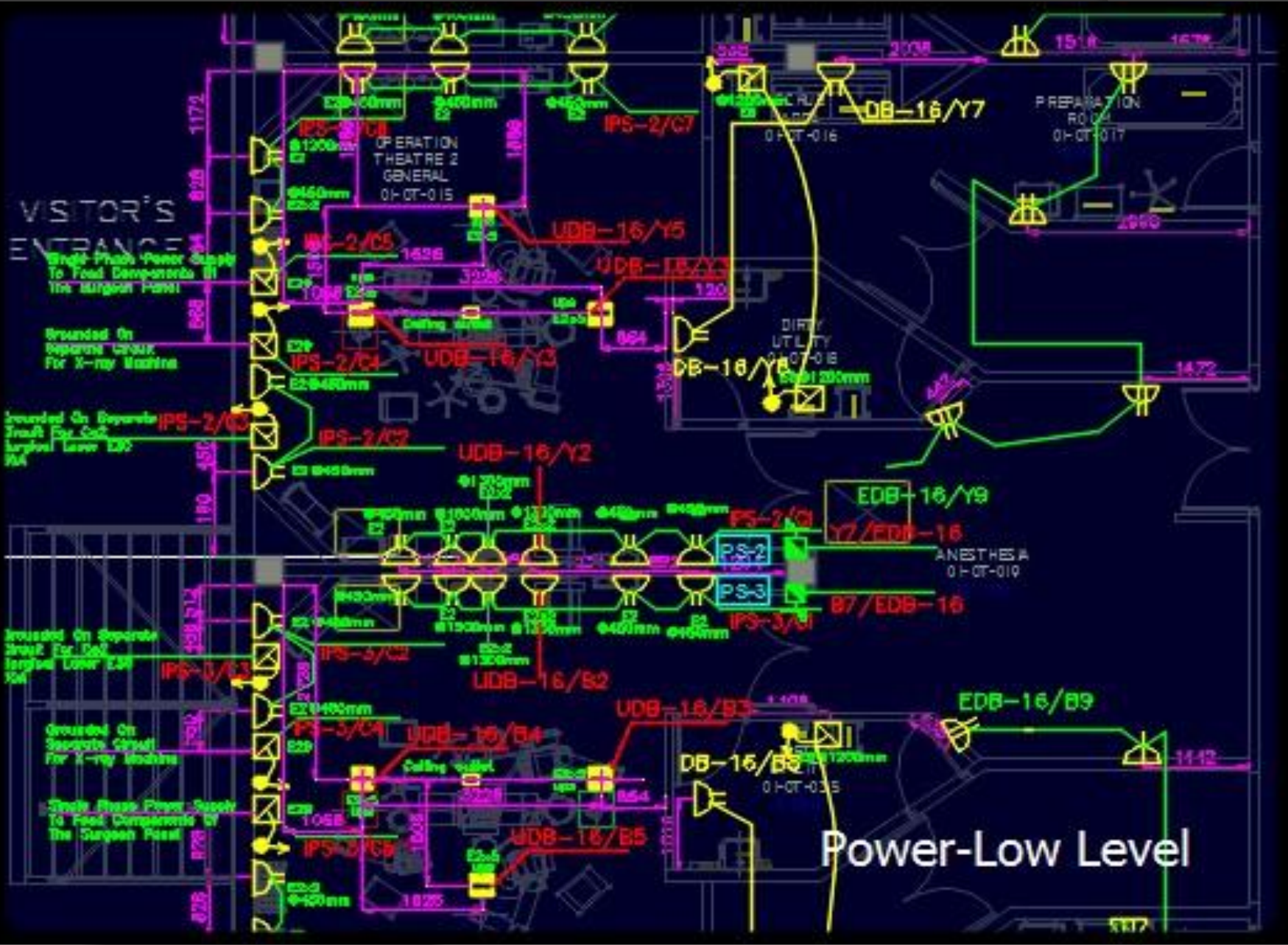


HVAC System



Normal Lighting

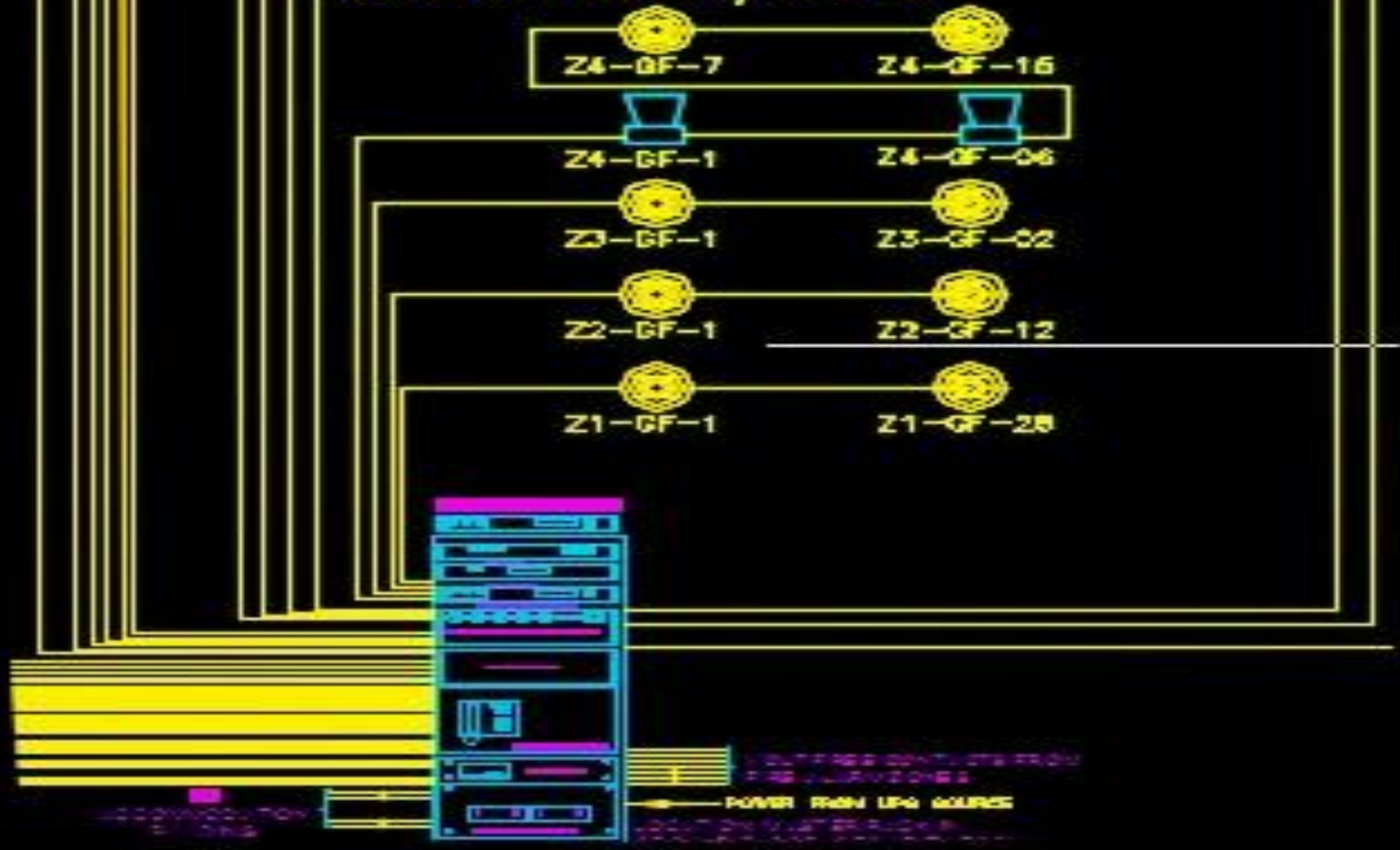




Power-Low Level

VE-MME-G1

Public Address System Schematic/SLD



Public Address System

Z1-GF-28

ZONE 1 FROM PUBLIC ADDRESS SYSTEM PANEL LOCATED AT SECURITY ROOM THROUGH THE TRUNKING.

Z4-GF-01

ZONE 4 FROM PUBLIC ADDRESS SYSTEM PANEL LOCATED AT SECURITY ROOM THROUGH THE TRUNKING.

WAITING AREA
00-CP-075

VE-MIKE-G2

Z1-GF-01

STORE
00-CP-060

Z1-GF-17

Z1-GF-18

VE-MIKE-G6

NURSE STATION
00-CP-011

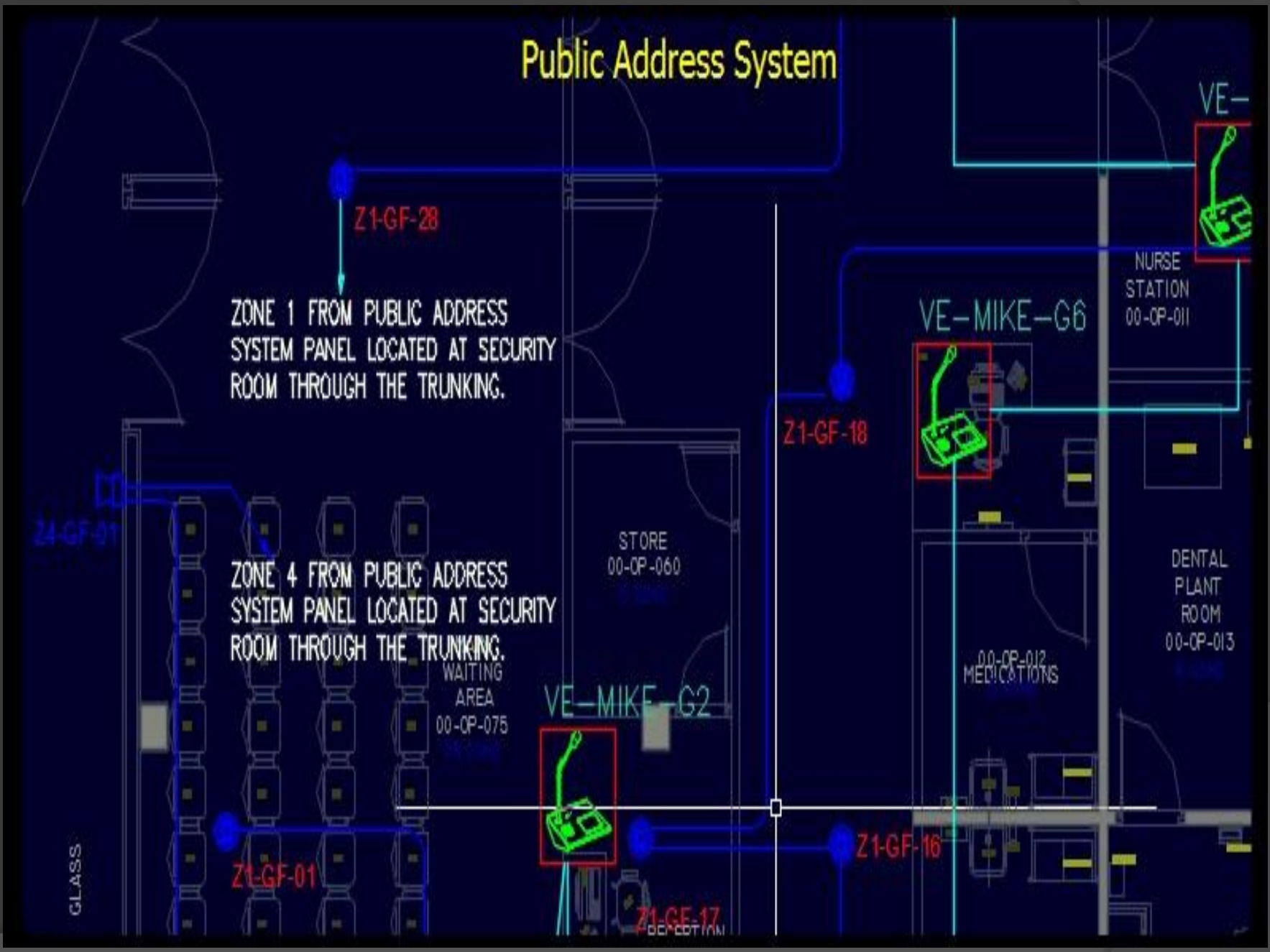
00-CP-012
MEDICATIONS

DENTAL PLANT ROOM
00-CP-013

Z1-GF-16

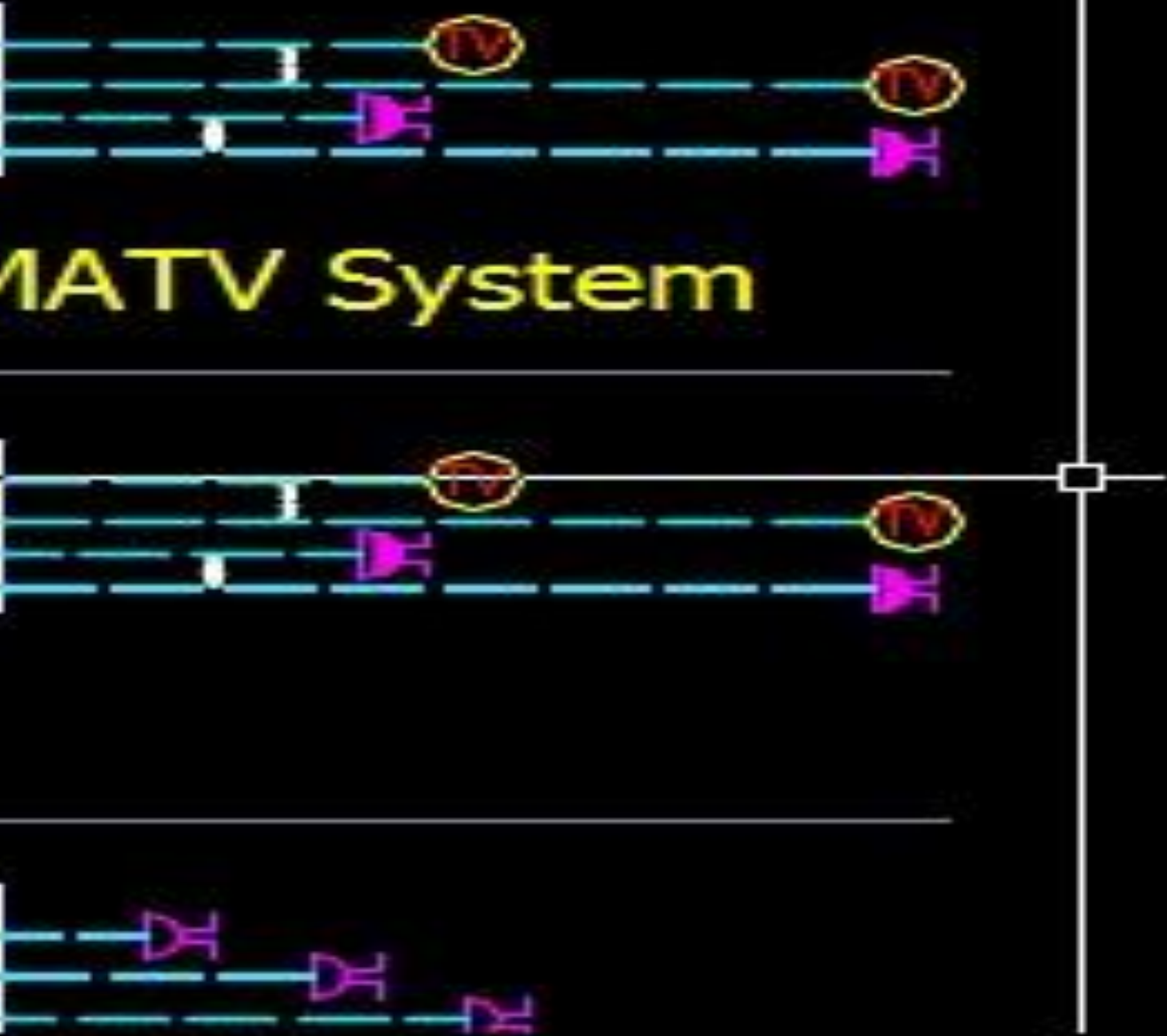
VE-

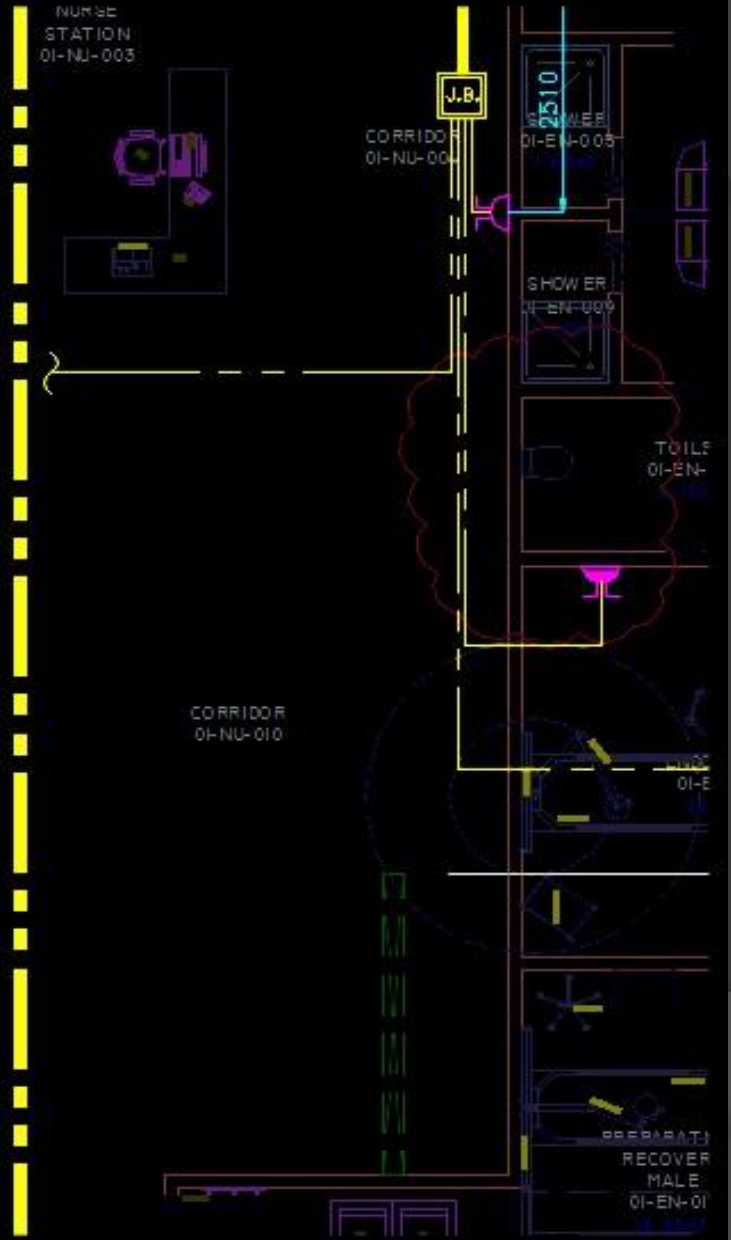
GLASS



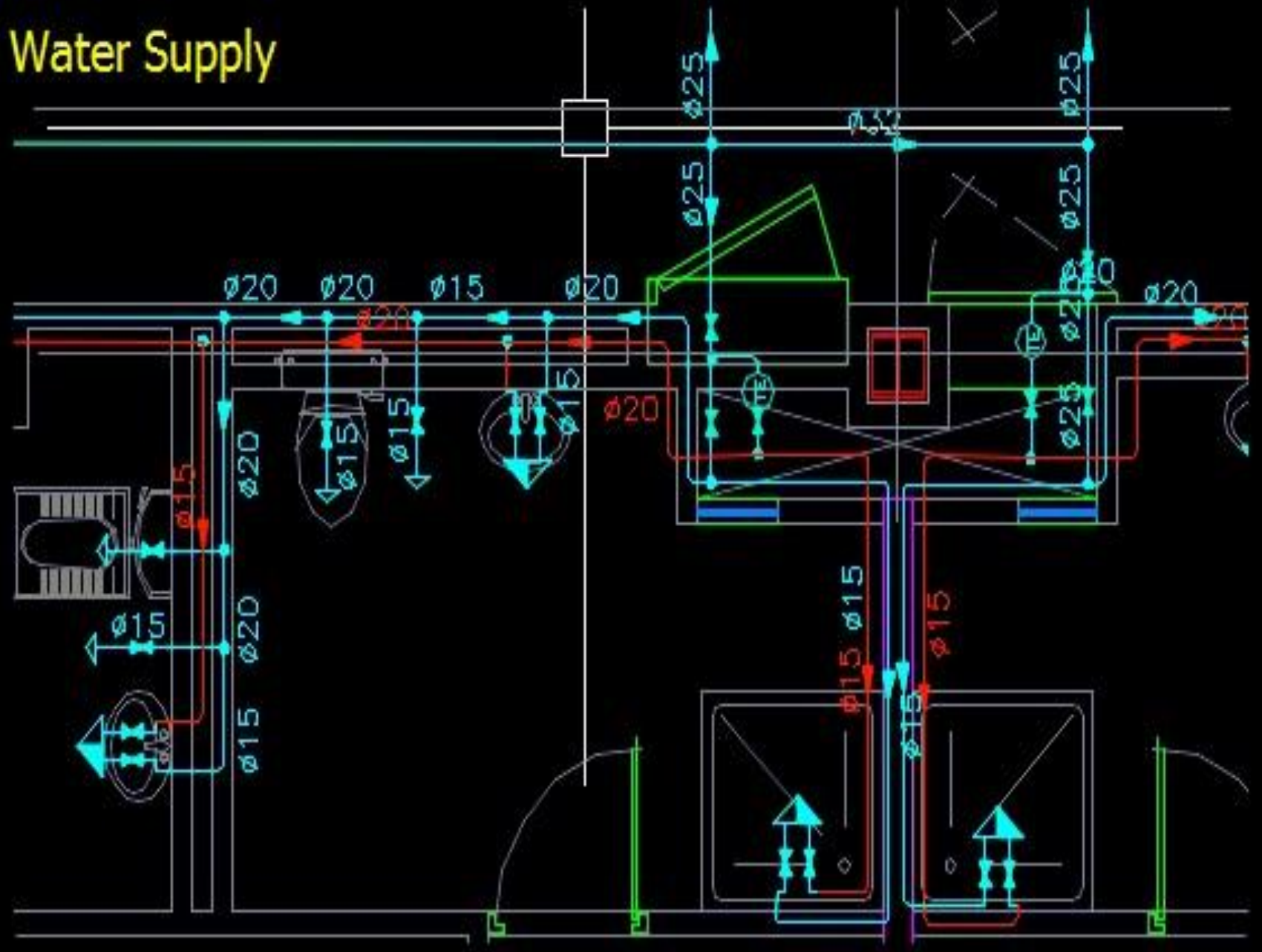


SMATV System





Water Supply



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Contact Qasim on LinkedIn

