

DRAWING

MECHANICAL AS BUILT

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HONAAM CO.
INSPECTED BY: BEHROUZ ARMANI

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PROJECT

MAAH NAAZ 4 RESIDENCE

LOCATION:

JAHAN SHAHR, ALBORZ
NASTARAN ST NO 101

DESCRIPTION

REV	DATE	NOTES
01	2024/07/21	---

DRAWING

HONAAM CO.

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NO.

H-236

REV.

01

SCALE

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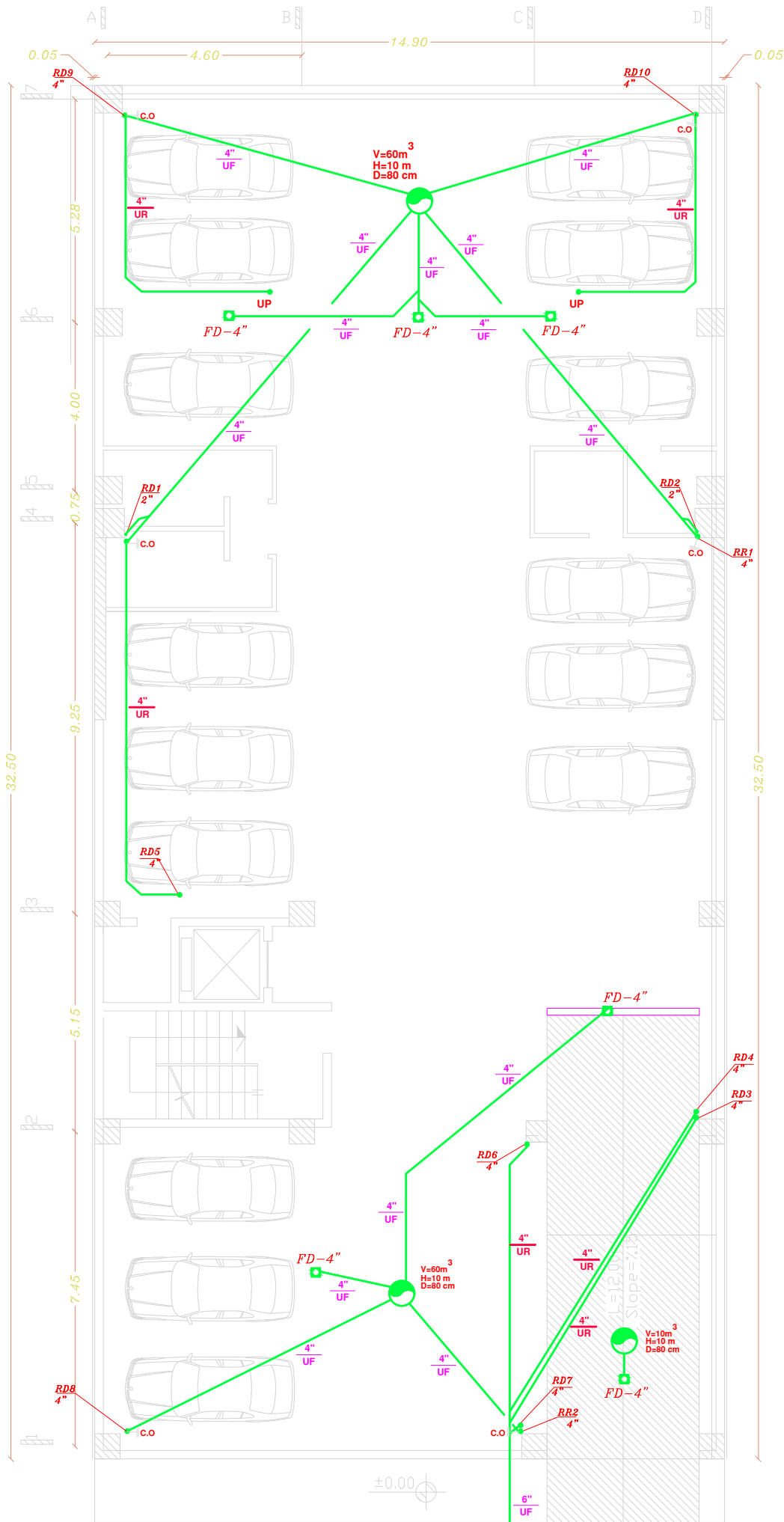
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Connection to the sewer system

UR = Under the Roof
UF = Under the Floor

Sewage Plumbing

Sc 1:100

Basement

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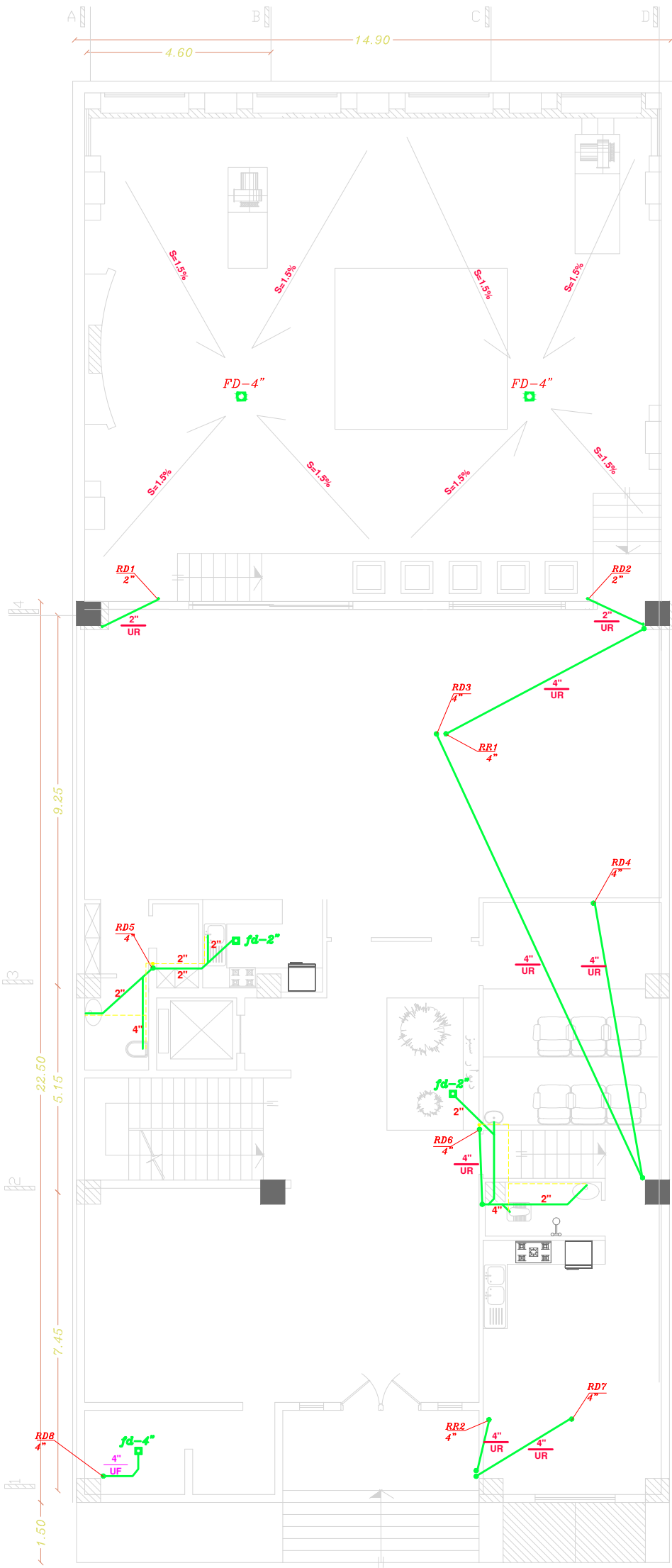
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Sewage Plumbing

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Ground

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UF = Under the Floor

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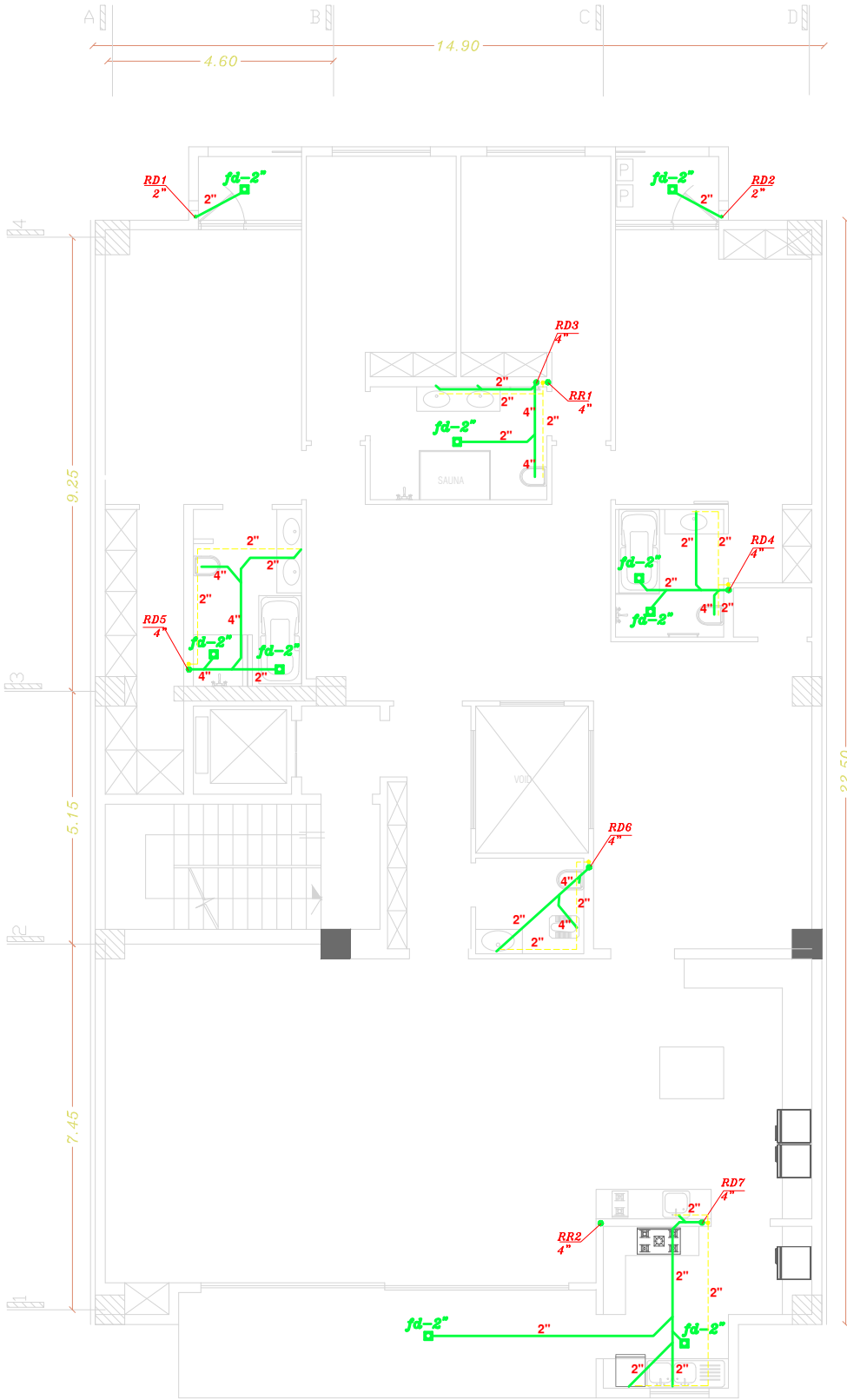
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All plumbing = Under the Floor

Sewage Plumbing

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1~5th Floor

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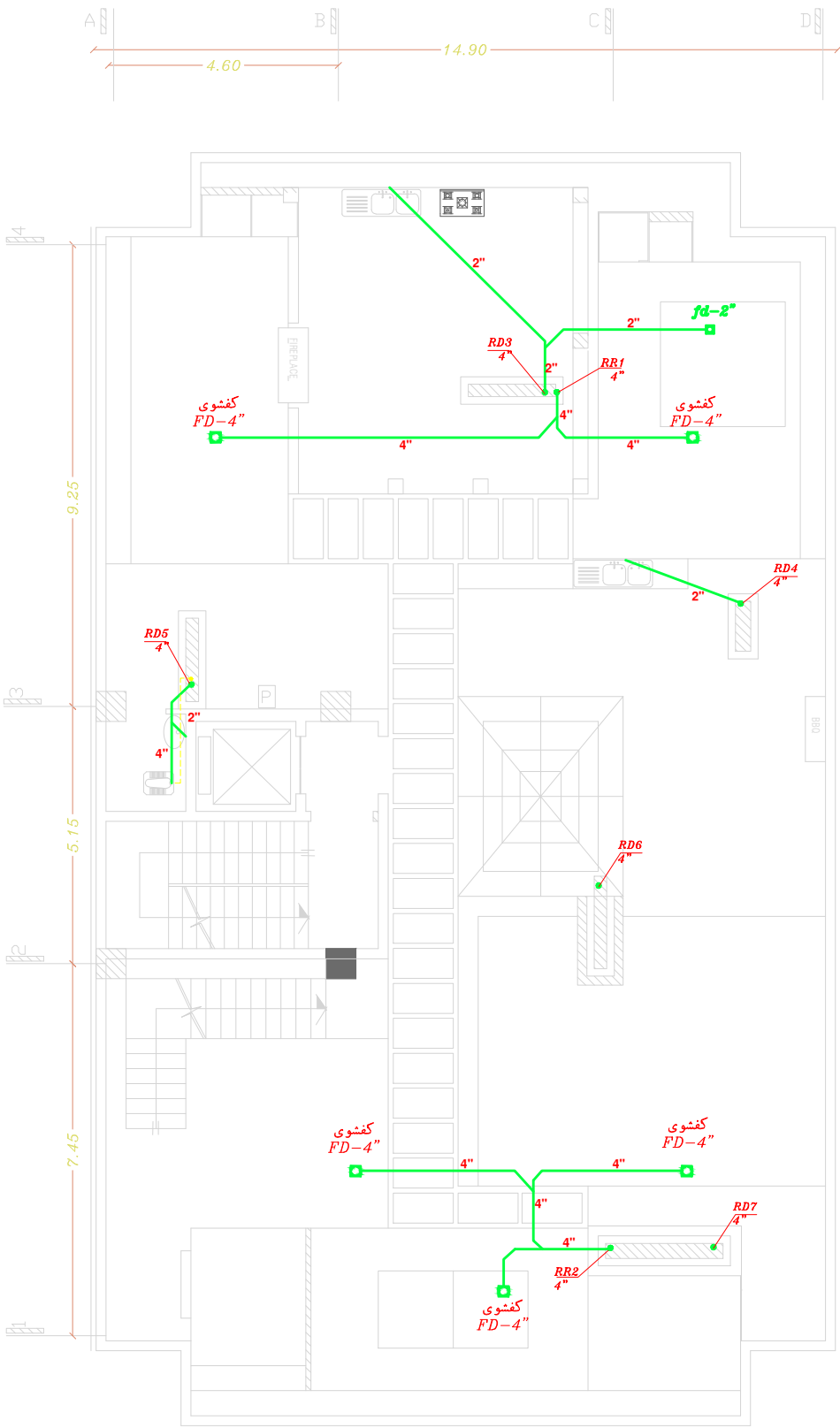
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Sewage Plumbing

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Roof

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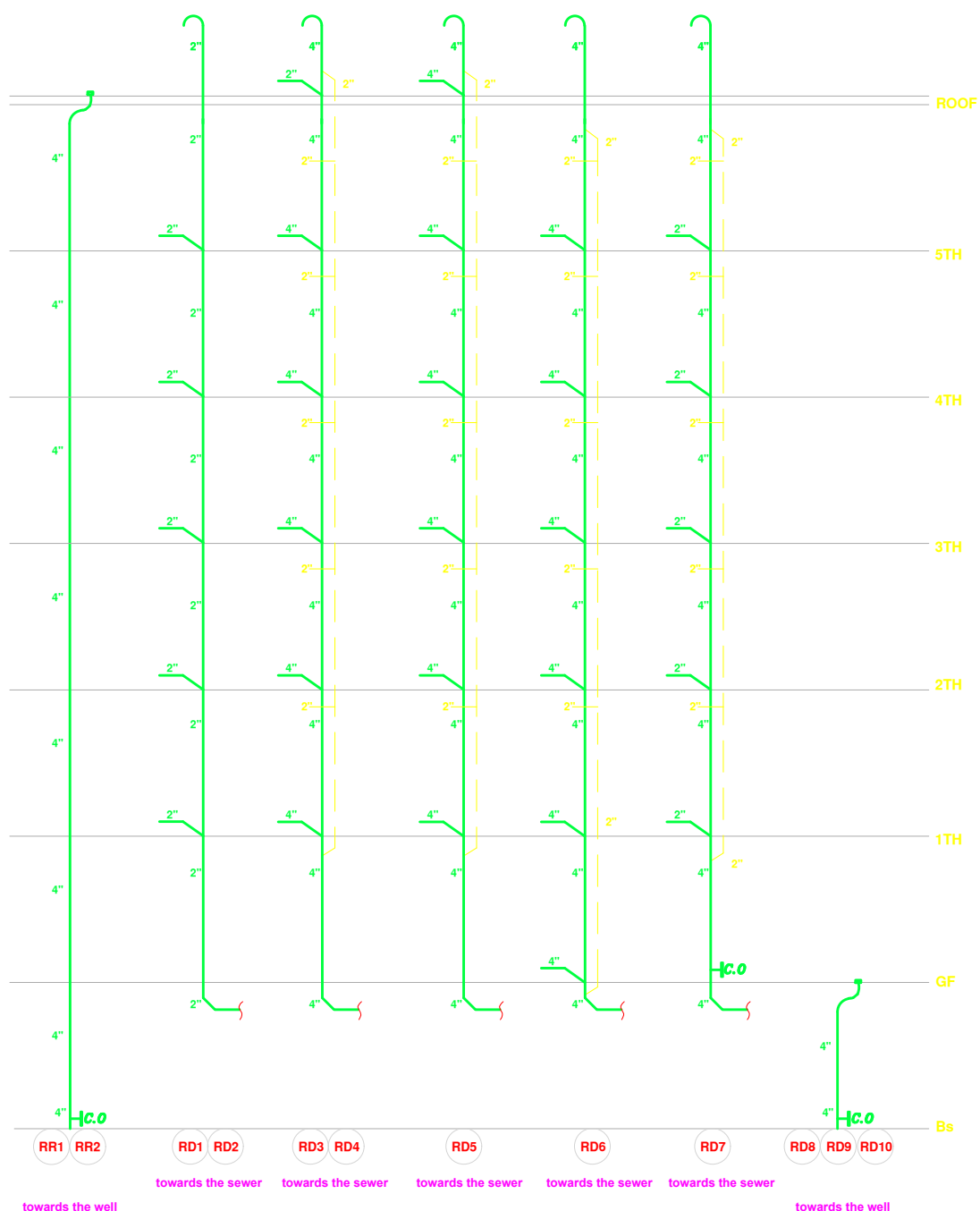
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Sewage Plumbing Diagram

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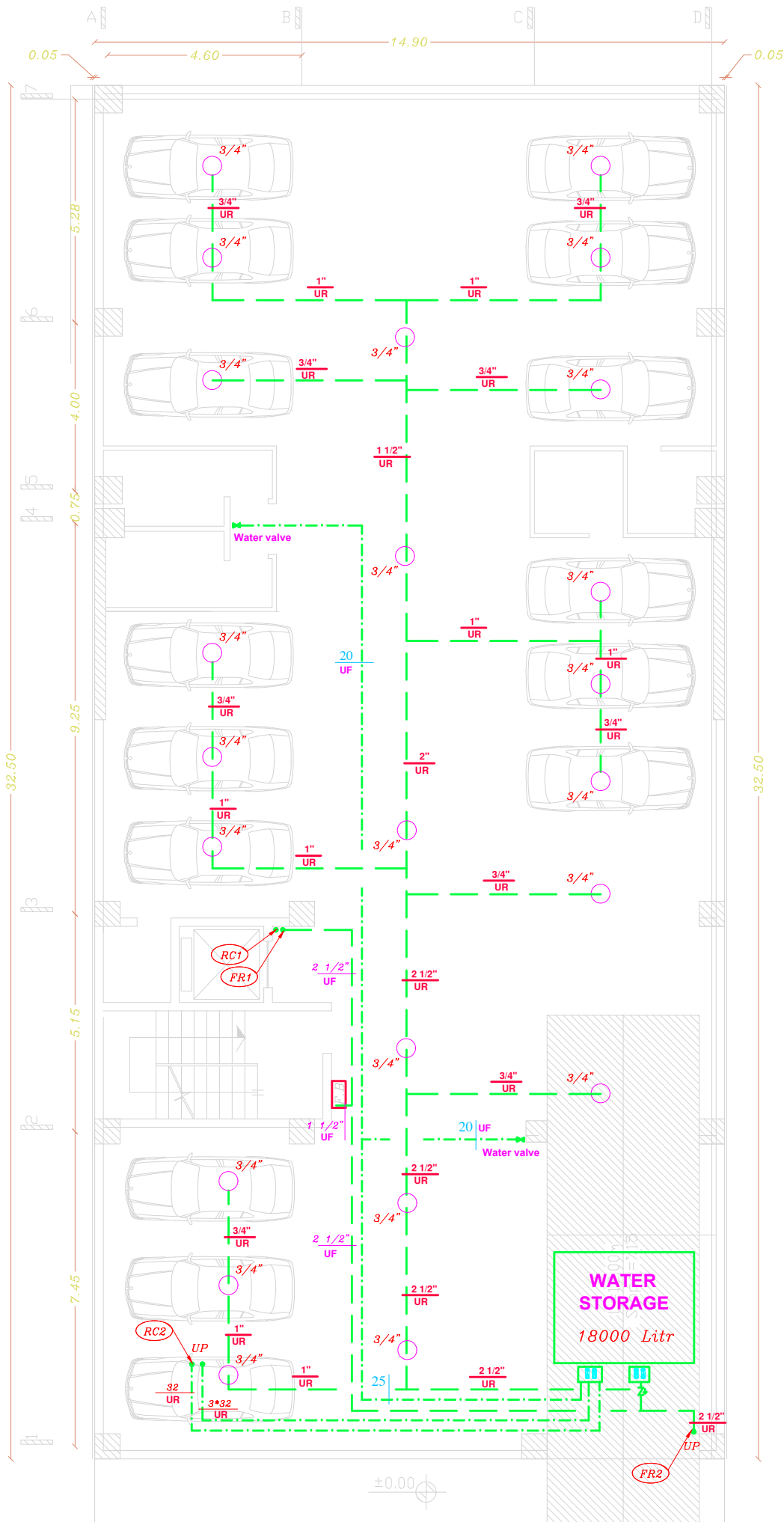
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UF = Under the Floor

Clean Water & Fire Extinguishing

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Basement

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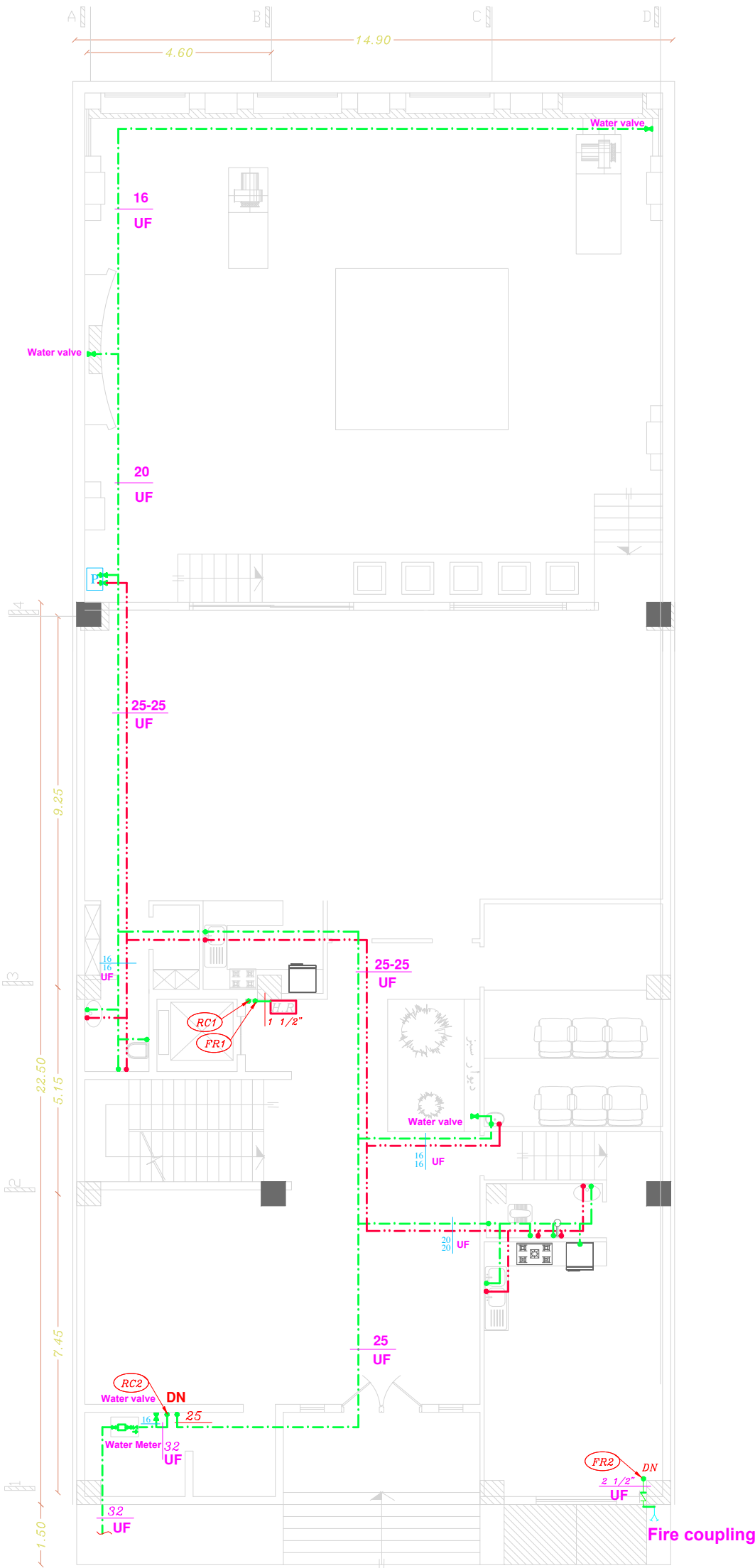
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Clean Water & Fire Extinguishing

Sc 1:100

Ground

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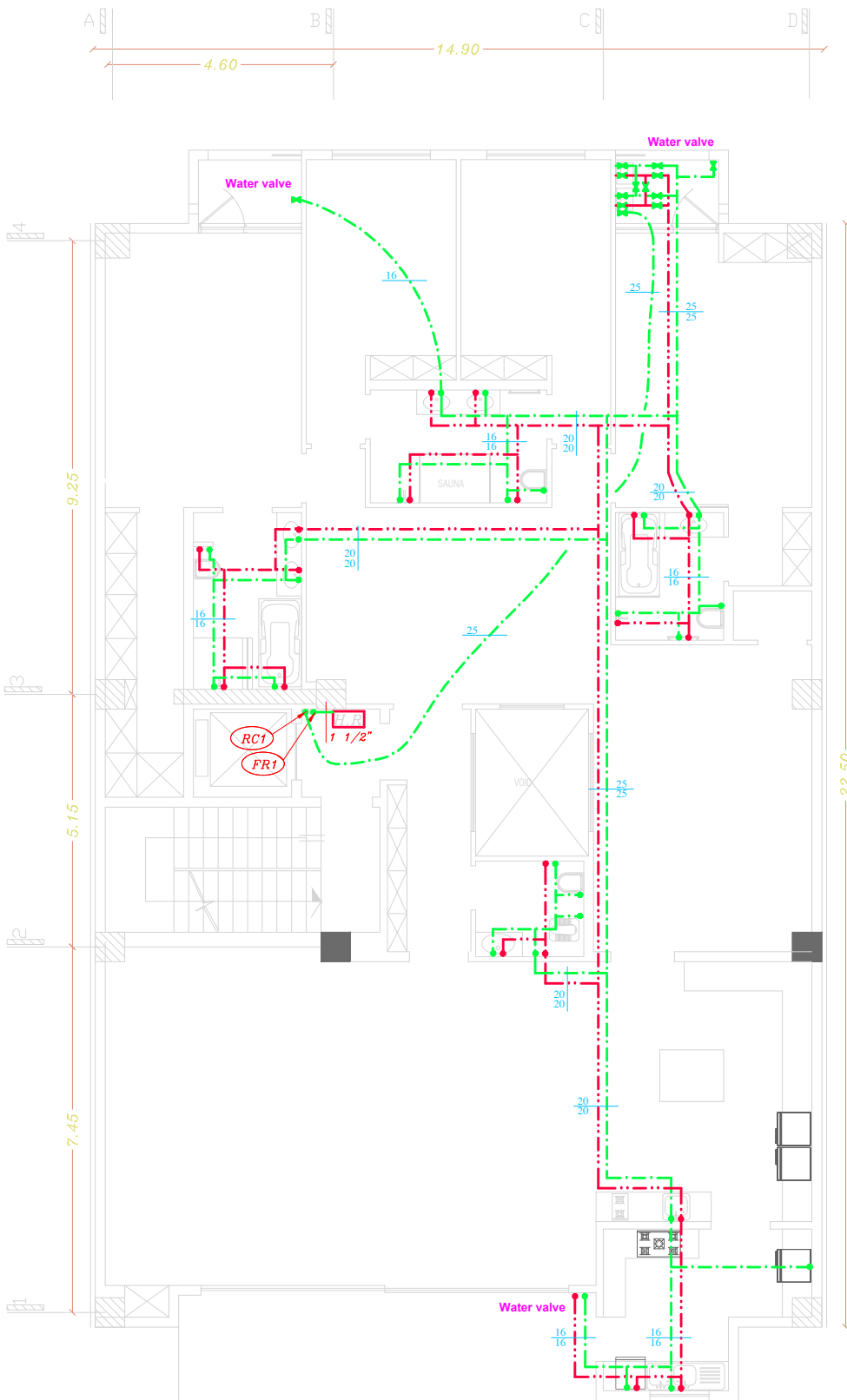
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All plumbing = Under the Floor

Clean Water & Fire Extinguishing

Sc 1:100

1~5th Floor

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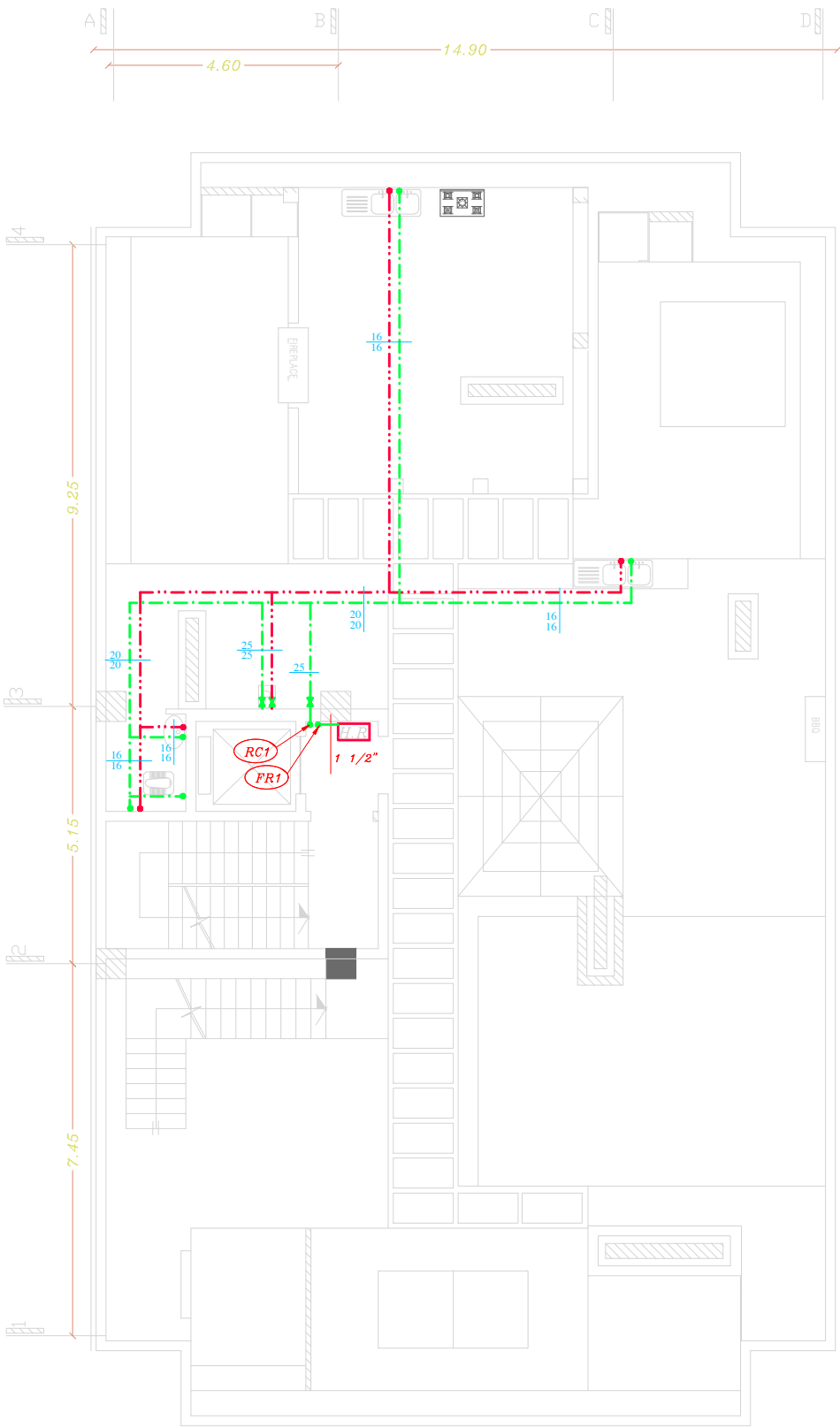
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All plumbing = Under the Floor

Clean Water & Fire Extinguishing

Sc 1:100

Roof

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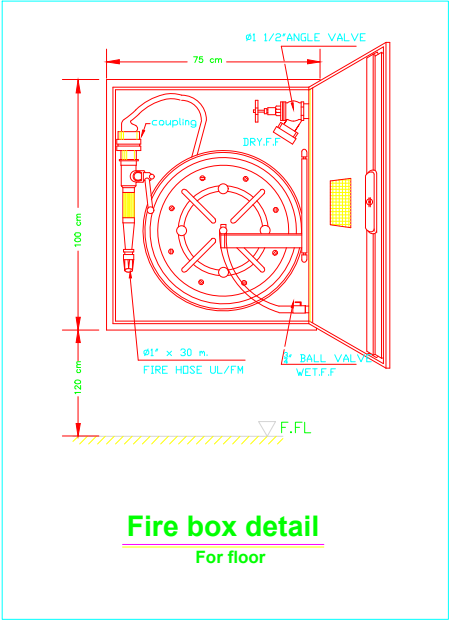
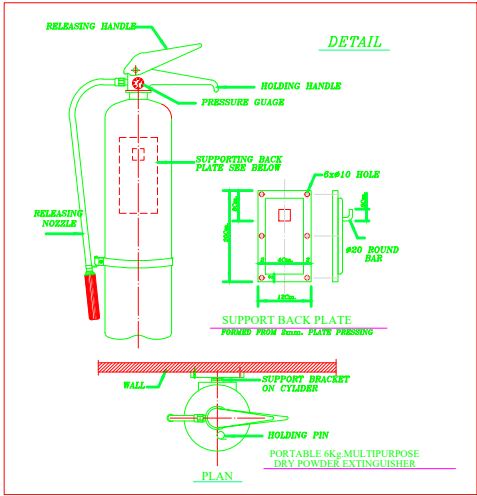
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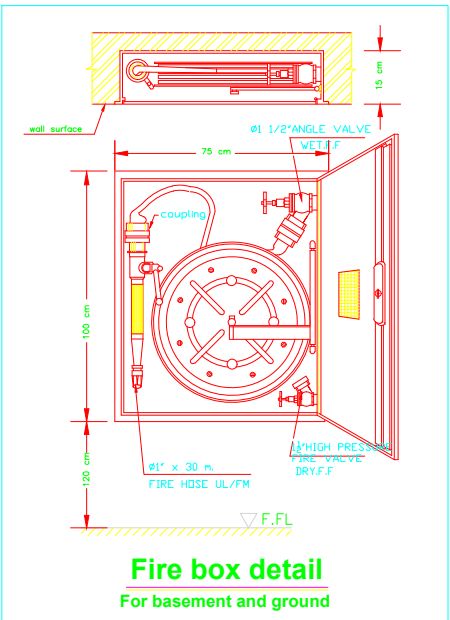
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Fire box detail
For floor



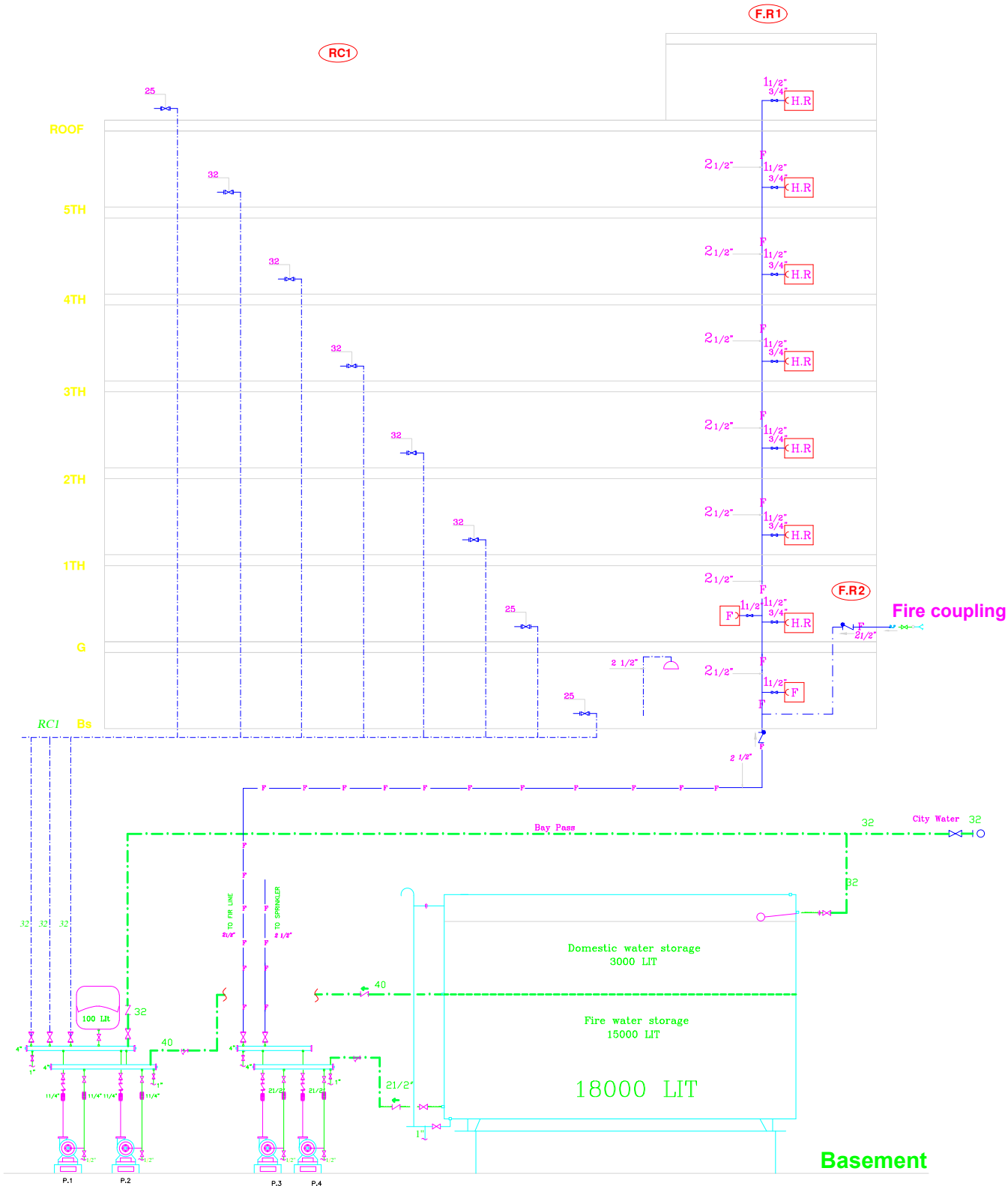
Fire box detail
For basement and ground

Domestic Pump

NO	Ph Ø	TYPE (PUMP)	P2-norm hp-kw	Amper	Q (L/M)	H (M)
2	3	PENTAX CBT-310/01	3 hp 2.2 kw	9.5	10-150	63-36

Fire Pump

NO	Ph Ø	TYPE (PUMP)	P2-norm hp-kw	Amper	Q (M3/h)	H (M)
2	3	BAHR PUMP BP32-200/5.5 2P	7.5 hp 5.5 kw	11.3	15.5	60



Clean Water & Fire Extinguishing Diagram

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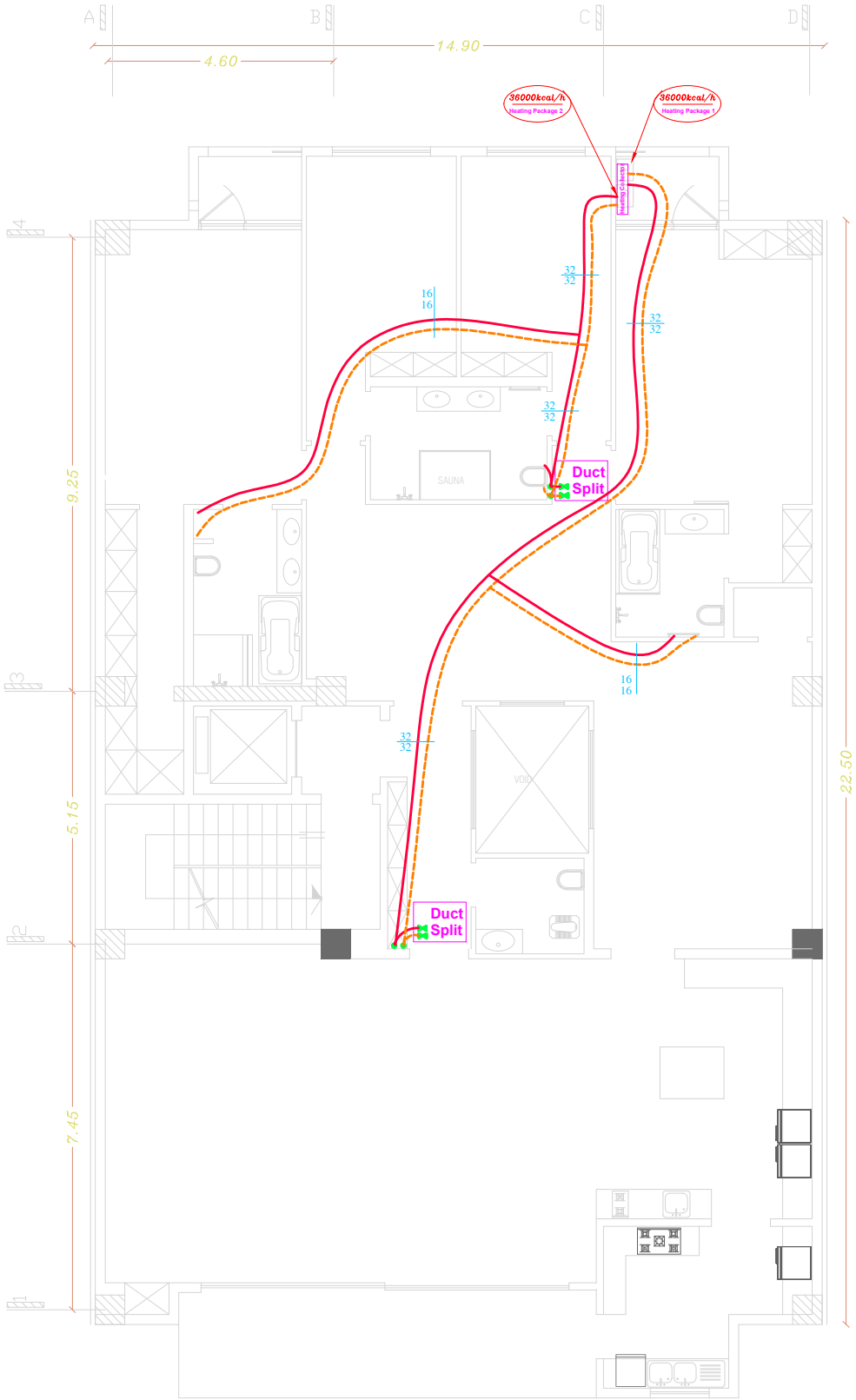
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All plumbing = Under the Floor

Hot Water Piping

Sc 1:100

1~5th Floor

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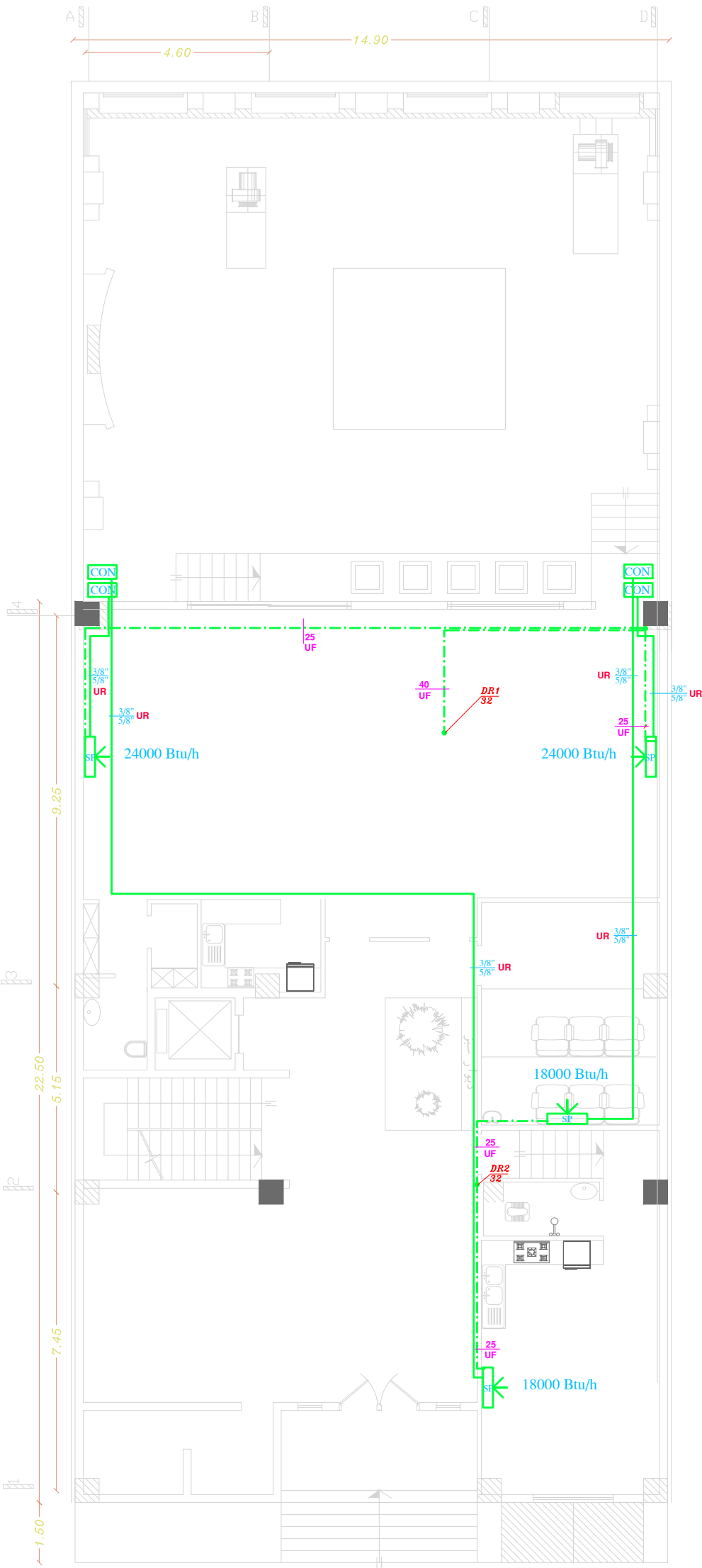
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UR = Under the Roof
UF = Under the Floor

Air Conditioner Piping System

Sc 1:100

Ground

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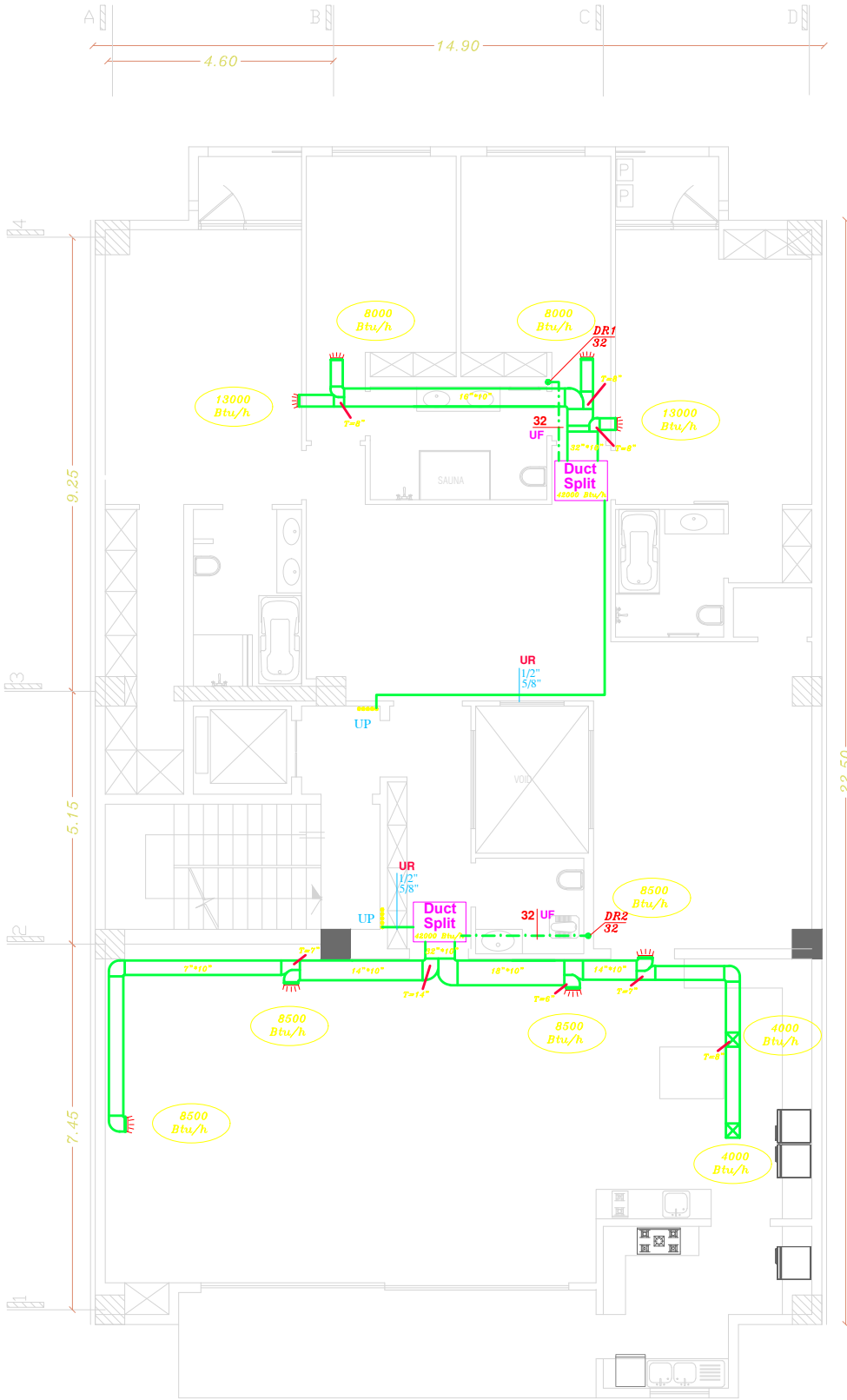
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Air Conditioner Piping System

Sc 1:100

1~5th Floor

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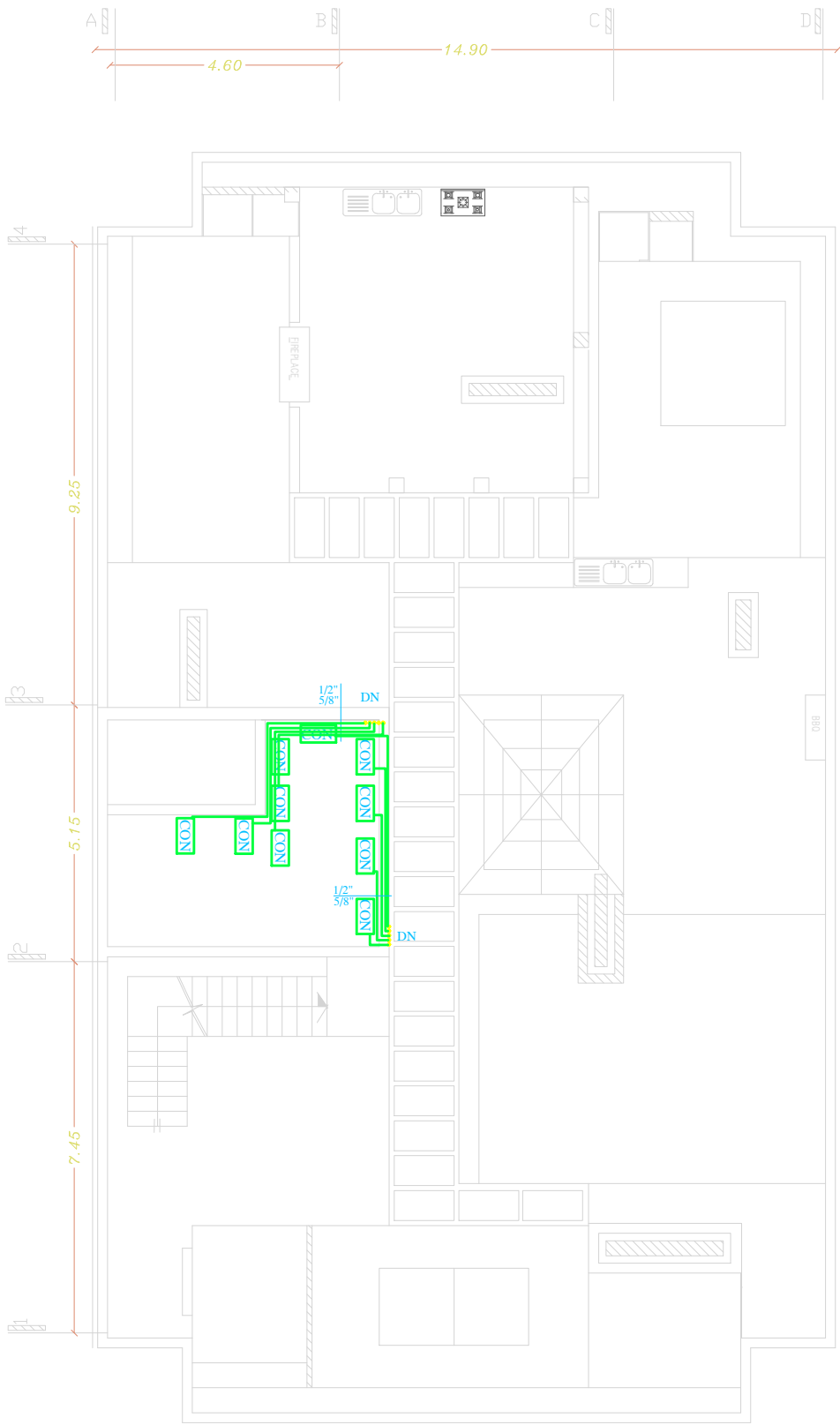
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Air Conditioner Piping System

Sc 1:100

Roof

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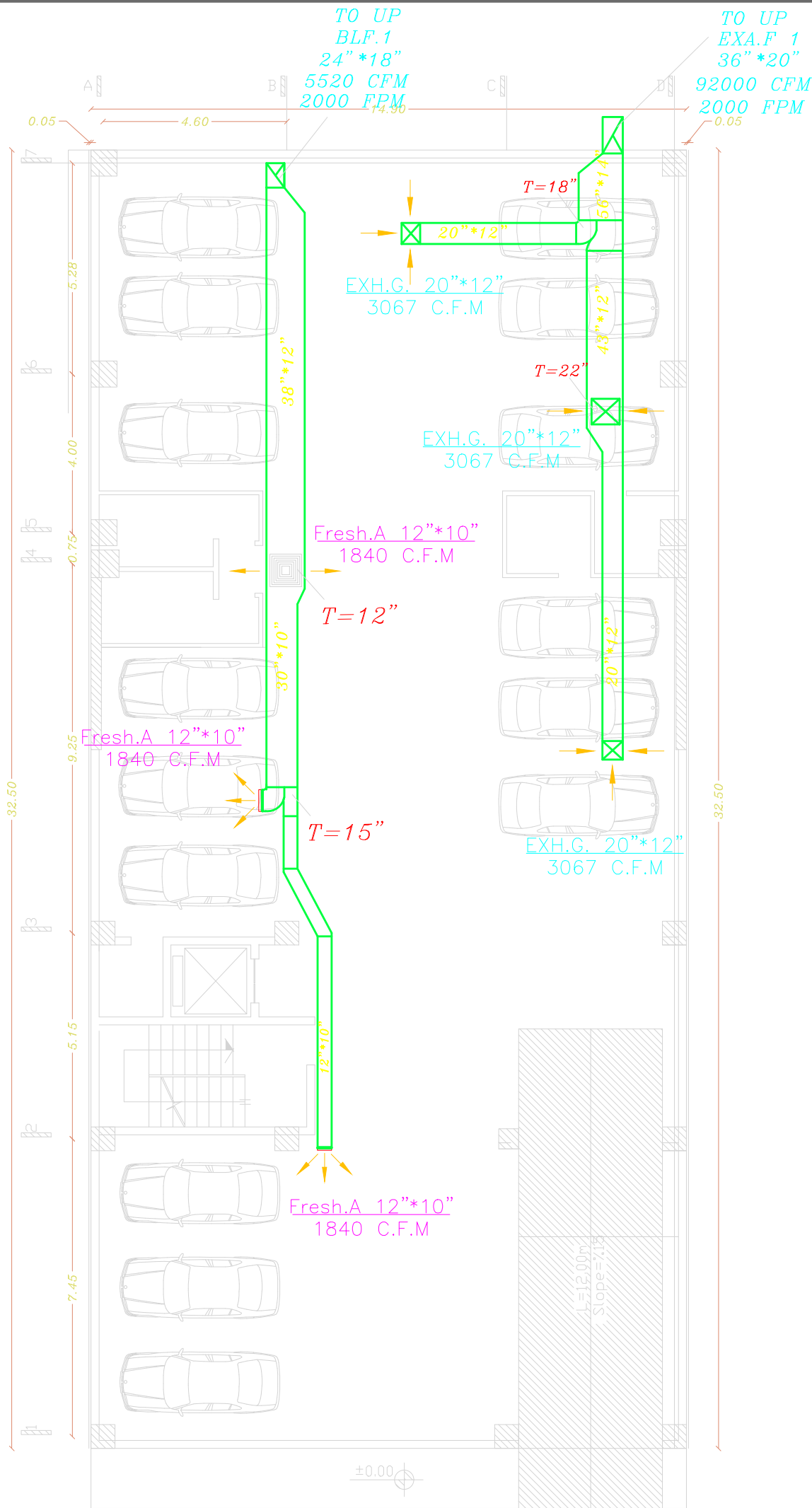
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Exhaust Air System

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Basement

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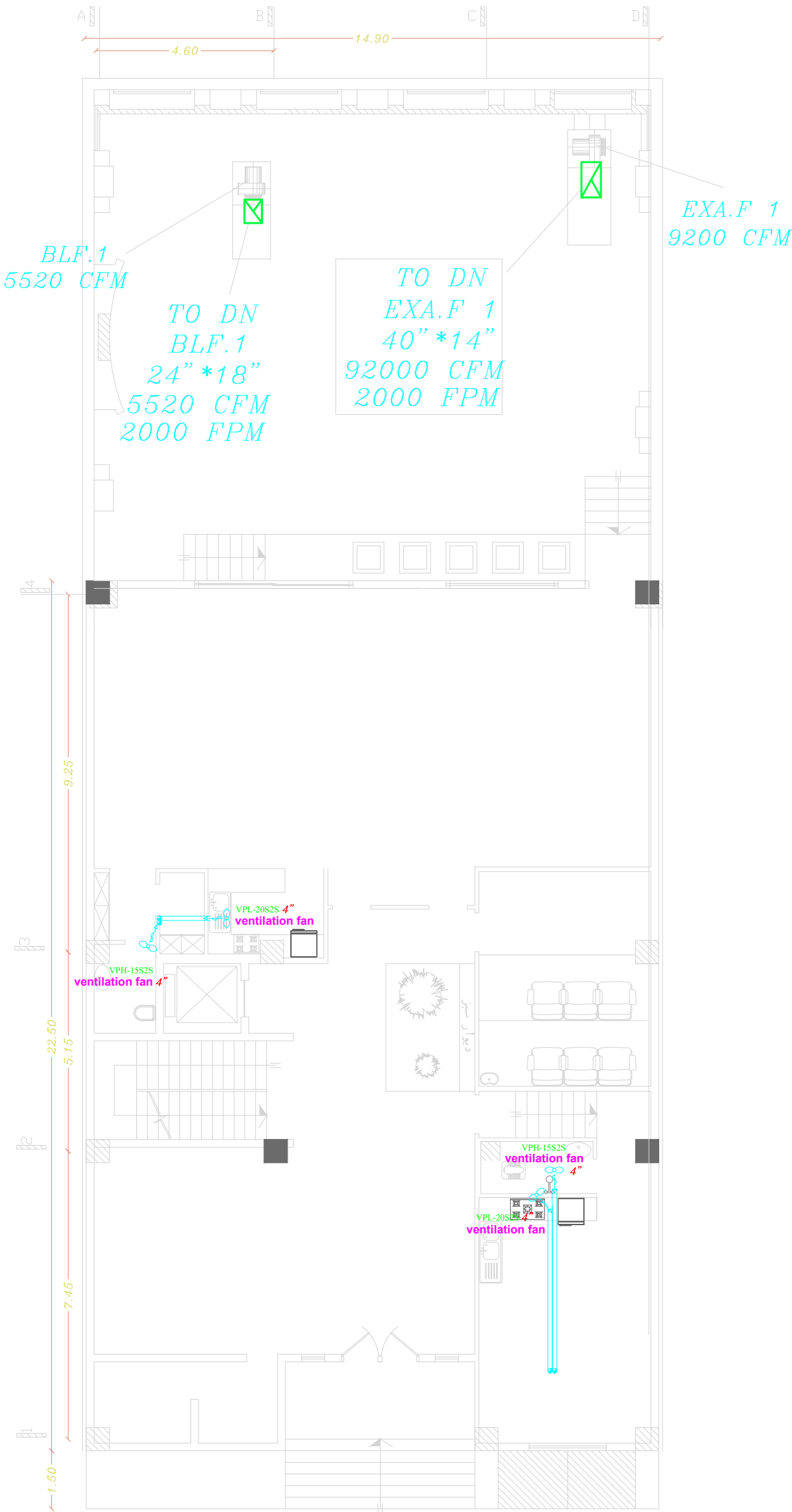
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Exhaust Air System

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Ground

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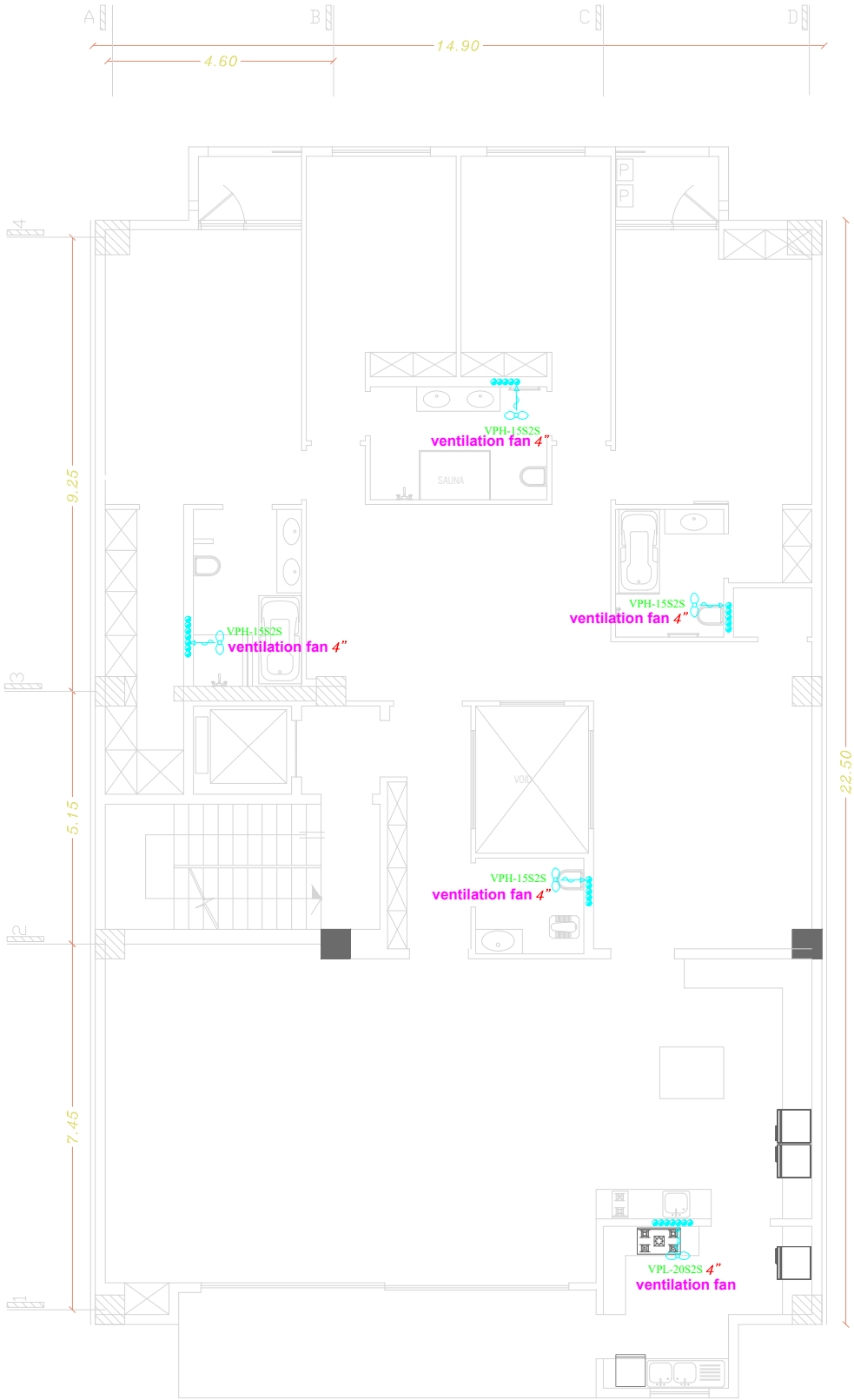
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Exhaust Air System

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1~5th Floor

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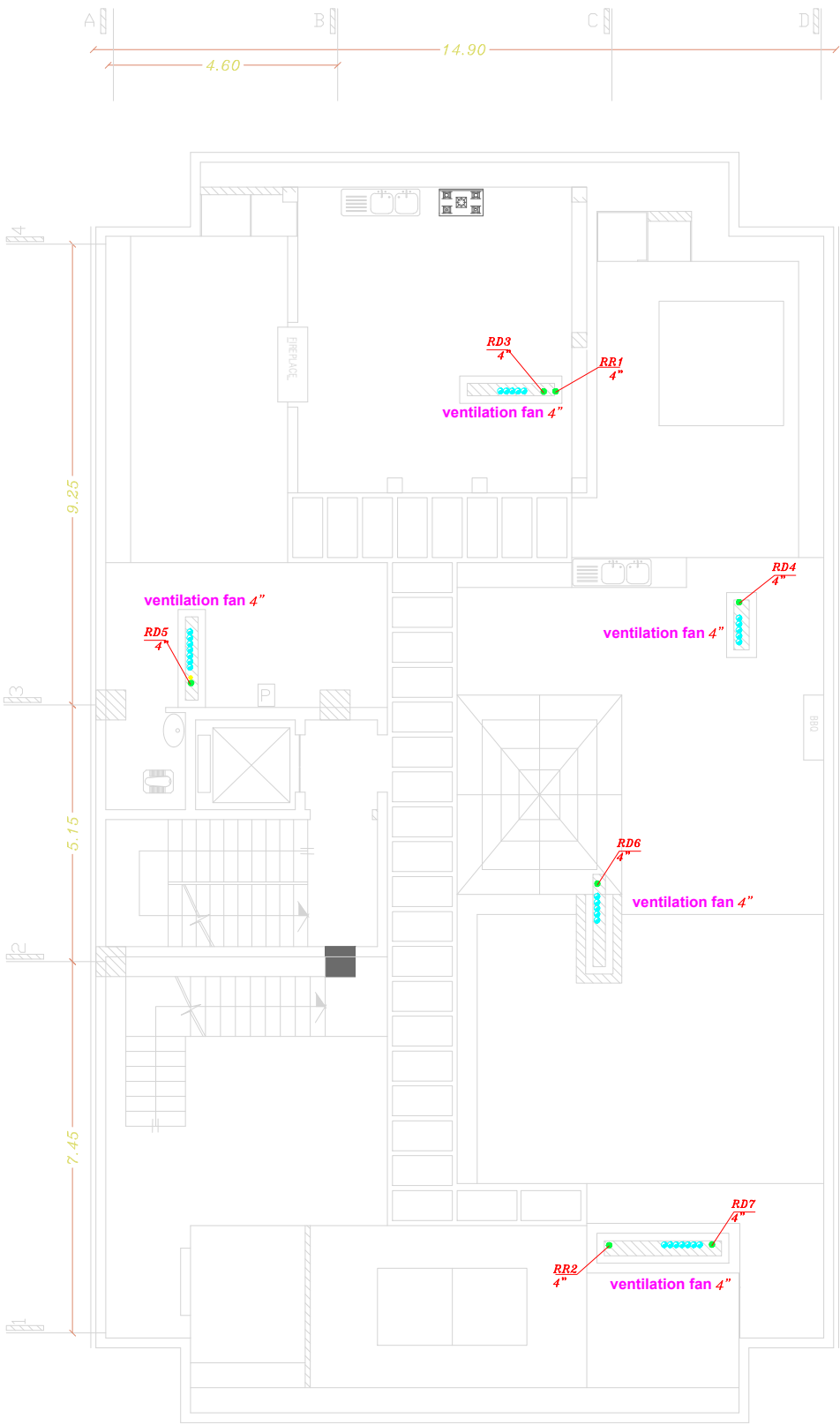
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Exhaust Air System

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Roof

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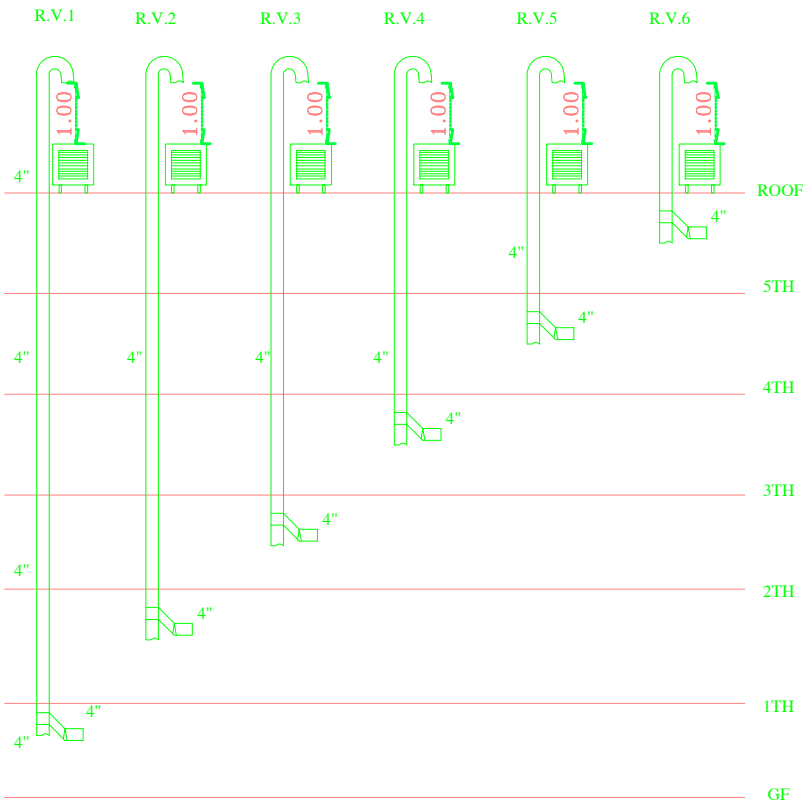
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Plumbing Symbol

	Corner Bathtub
	Recessed Bathtub
	Sitz Bath
	Bidet
	Shower Stall
	Shower Head
	Overhead Gang Shower
	Pedestal Lavatory
	Wall Lavatory
	Corner Lavatory
	Handicapped Lavatory
	Dental Lavatory
	Standard Kitchen Sink
	Kitchen Sink, R & L Drain Board
	Kitchen Sink, L H Drain Board
	Combination Sink & Dishwasher
	Combination Sink & Laundry Tray
	Service Sink
	Wash Sink (Wall-Type)
	Wash Sink
	Laundry Tray (Single)
	Laundry Tray (Double)
	Water Closet (Tank-Type)
	Water Closet (Integral Tank)
	Water Closet (Flush Valve, Floor Outlet)
	Water Closet (Flush Valve, Wall-Hung)
	Urinal (Wall-Hung)
	Urinal (Stall)
	Urinal (Trough-Type)
	Drinking Fountain (Recessed)
	Drinking Fountain (Semi-Recessed)
	Drinking Fountain (Projecting-Type)
	Hot Water Tank
	Water Heater
	Meter
	Hose Rack
	Hose Bibb
	Gas Outlet
	Vacuum Outlet
	Drain
	Grease Separator
	Oil Separator
	Cleanout
	Garage Drain
	Floor Drain with Backwater Valve
	Roof Sump



Ventilation Diagram

Specifications of ventilators

Description	(A)	(V)	(R.P.M)	propeller diameter (mm)	capacity m^3/h	No
Type VPH-8S2S	0.8	220	2600	80	24	1
Type VPH-10S2S	0.8	220	2300	100	80	2
Type VPH-12S2S	0.8	220	2150	120	150	3
Type VPH-15S2S	0.13	220	1800	150	200	4
Type VPL-20S2S	0.18	220	1700	200	250	5

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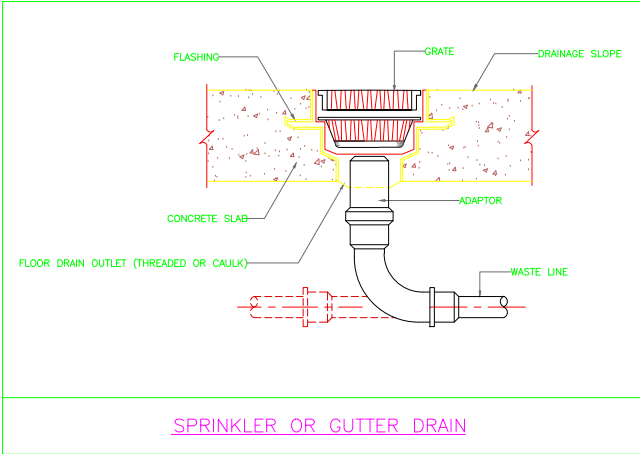
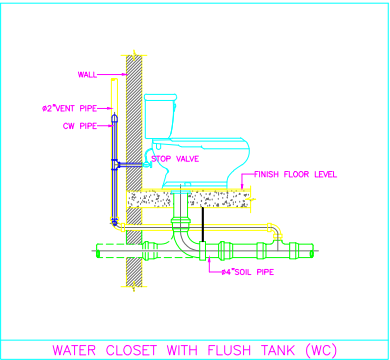
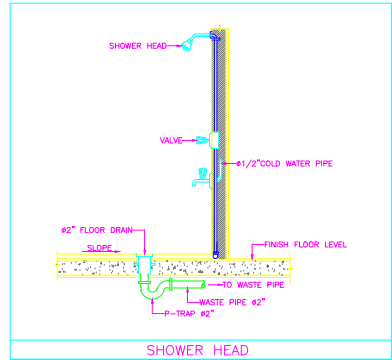
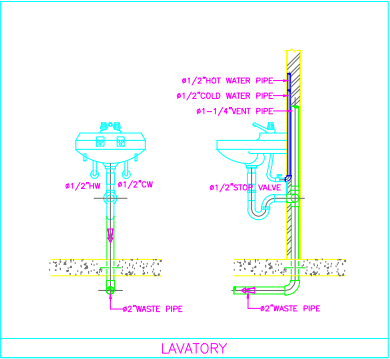
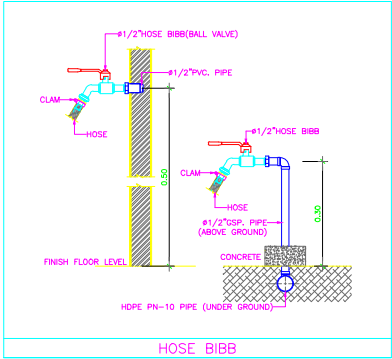
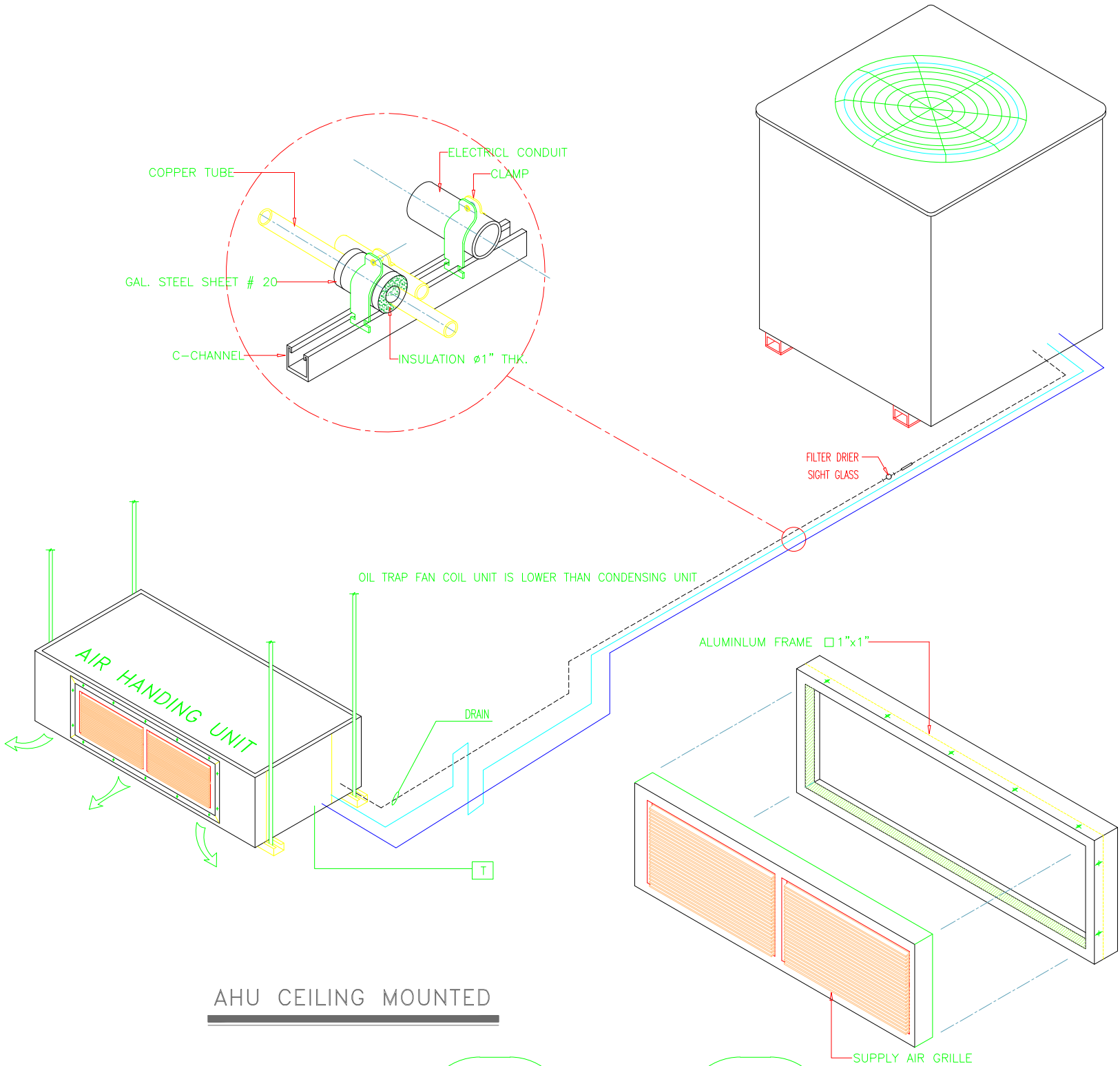
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Mechanical Specifications