



مهندسی ، تأمین و اجرای سیستم هوشمند ساختمان

The Educational and Cultural Complex for Shiraz
University of Medical Sciences

Olum Pezeshki Kindergarten Project



مهندسی ، تأمین و اجرای سیستم هوشمند ساختمان

Yasha Electronic Co.

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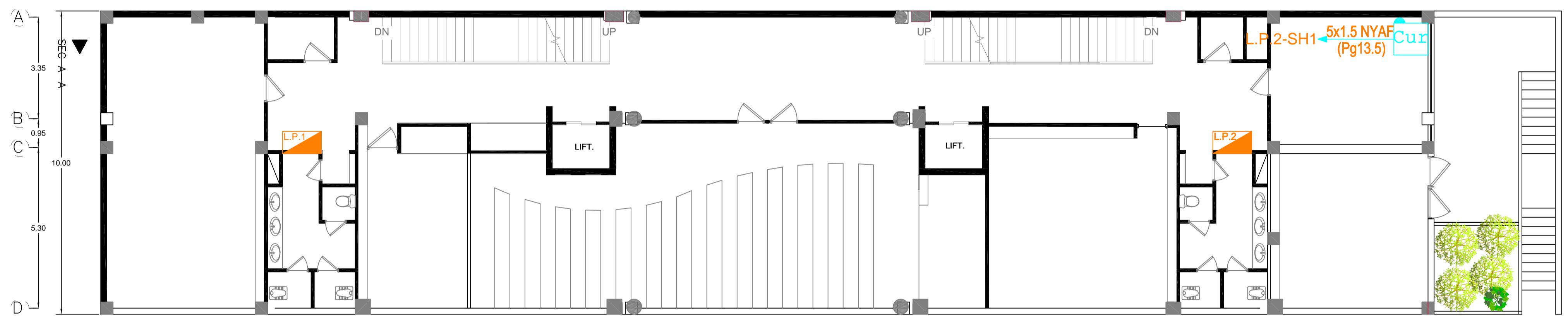
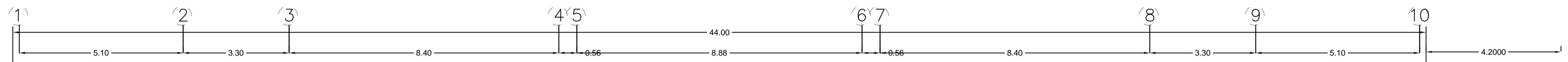


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Instruction of smart equipment installation

1. SPARE is reserved lines for converting the smart system to a conventional one.
2. Each lighting wiring (Line, Neutral and Earth) should be done directly to the distribution panel.
3. The appropriate flush-mount installation height of 7" touch panel, which is labeled with M sign, is 150cm from the finished floor.
4. The appropriate flush-mount installation height of 4.1" touch panel, which is labeled with Z sign, is 145cm from the finished floor.
5. The appropriate flush-mount installation height of 8-gang normal and thermostatic keys which are labeled with 8 and 8T signs, is 135cm from the finished floor.
6. Since the number of wires is too much, please consider labeling all wires in distributed panel.
7. Please wire a land-line in each distribution panel.
8. The appropriate installation height for the distribution panel is 120cm from the finished floor.
9. The AS-BUILT plan and wiring information about distribution panel terminal blocks will be ready after implementation of the smart system.
10. Control of the heating and ventilation system would be done by supervisor's coordination and during the implementation of the whole system.
11. KNX/EIB cable
12. Cat6 SFTP cable
13. 2 pair foiled and twisted cable
14. 4 pair foiled and twisted cable
15. 2 x 1.5 Sound wire
16. Conventional wiring reserved line (SPARE)

KEY	KEY DESCRIPTION	Installation height (Cm)	KEY	KEY DESCRIPTION	Installation height (Cm)
	4-side Fancoil			8-gang Smart key	135
	Fancoil			8-gang Thermostatic Smart key	135
	Air Conditioner			MDT 7" Touch Panel	150
	Network Video Recorder (NVR)			Zennio 4.1" Touch Panel	145
	Surveillance Camera			Binary Input	120
	Video Intercome			Binary Input	60
	Smoke and Fire Detector			Automation and Distribution Panel	110
	Temperature Sensor			Electric Motor/Shutter	
	Camera			Presense/Motion Smart Detector	
				220V Motion Sensor (PIR IP44)	
				220V Motion Sensor (PIR IP44)	
				Siren	MS-626-2DW
				Security System Wall-mount Sensor	
				12V Security System Ceiling Sensor	
				Door and Window Magnet	
				Outdoor Speaker	
				Ceiling Speaker EGi 6043 5"	
				Wall-mount Speaker	220
				Power Outlet	40
				Power Outlet	40



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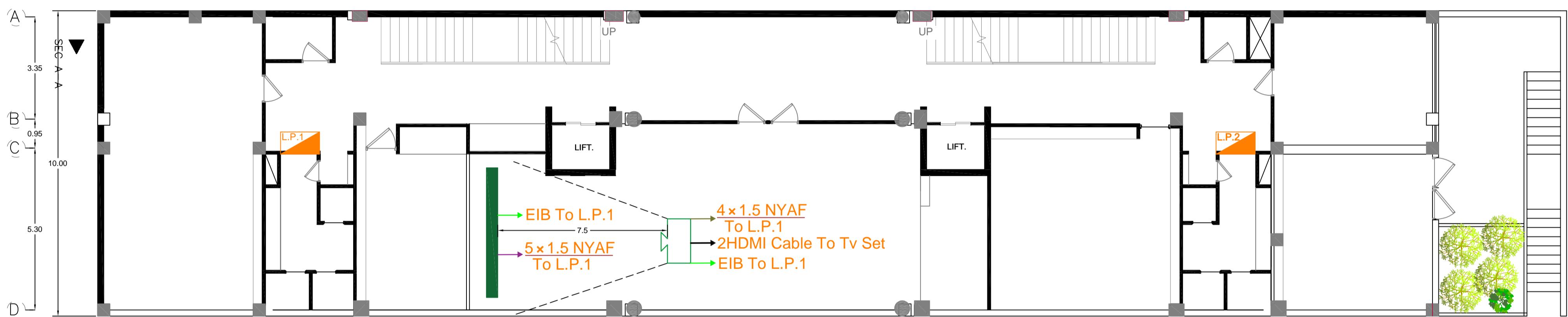
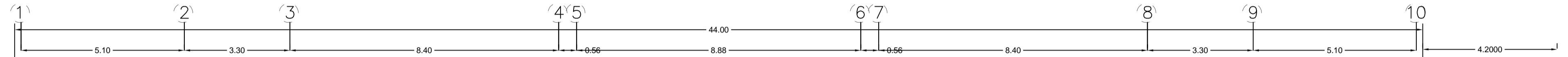
PROJECT NAME	SUMS Preschool
EMPLOYER	Shiraz University of Medical Sciences
DESIGNED:	M.Kaviani
CHECKED:	S.Sadeghi
APPROVED:	A.Monazah

CURTAIN LAYOUT BASEMENT FLOOR PLAN

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SCALE :
SIZE : A2





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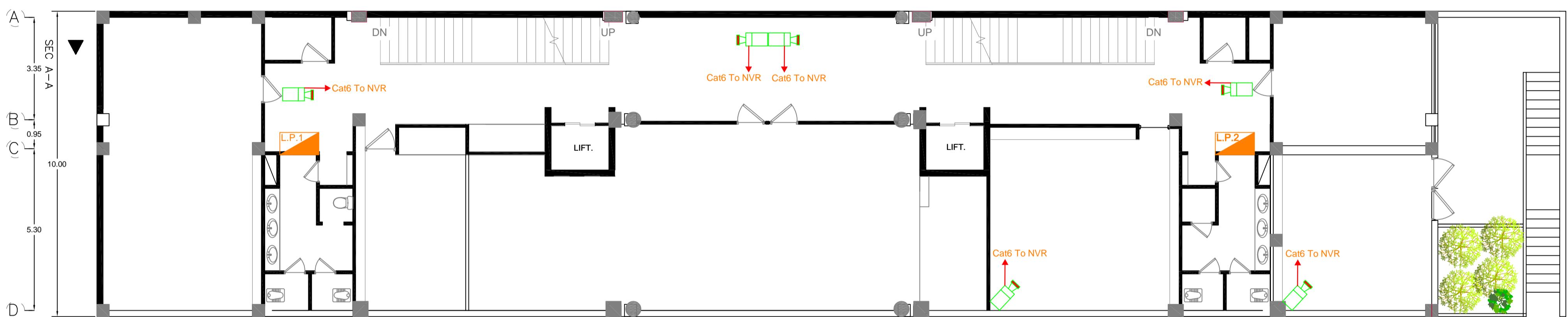
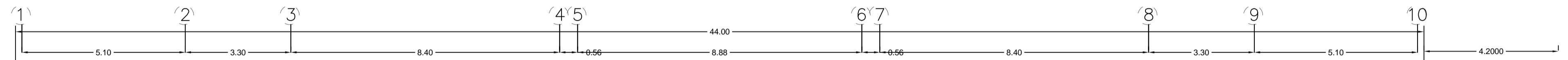
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KNX WIRING LAYOUT BASEMENT FLOOR PLAN

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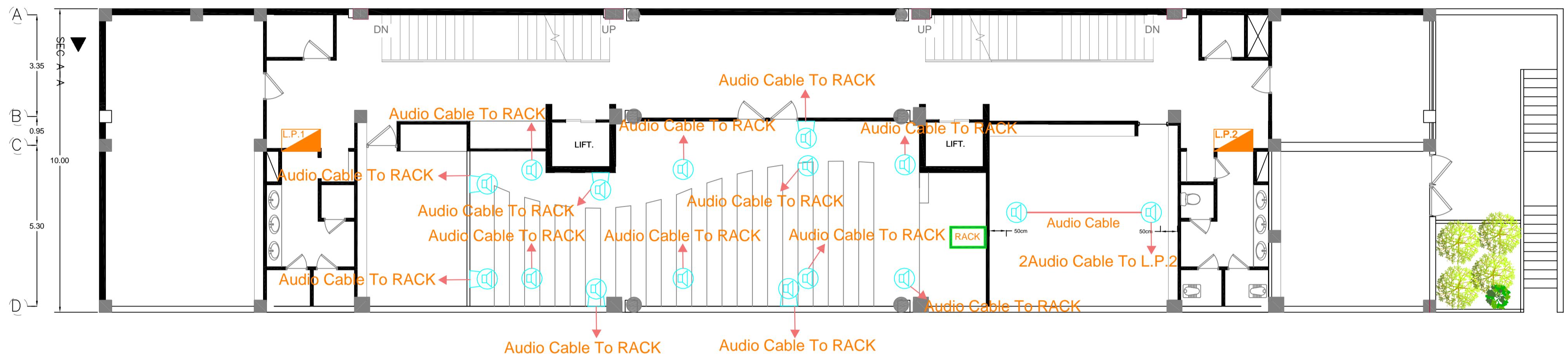
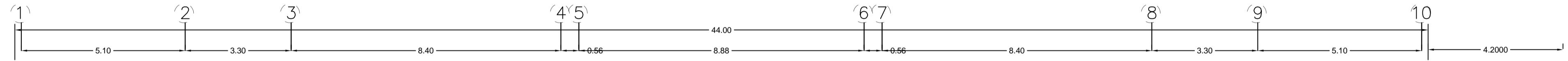
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CCTV LAYOUT BASEMENT FLOOR PLAN

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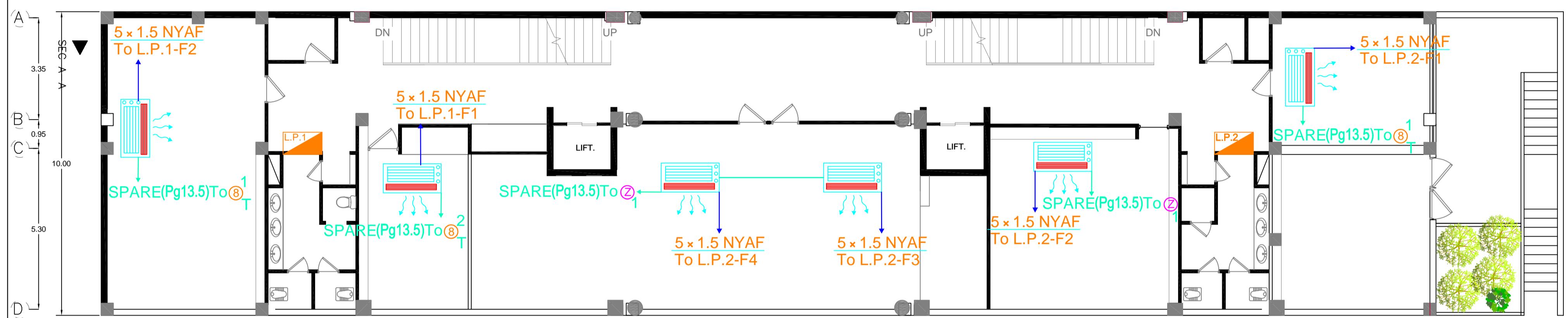
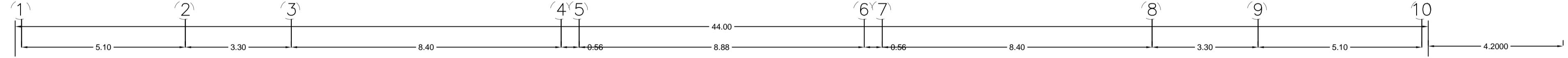
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SOUND SYSTEM LAYOUT BASEMENT FLOOR PLAN

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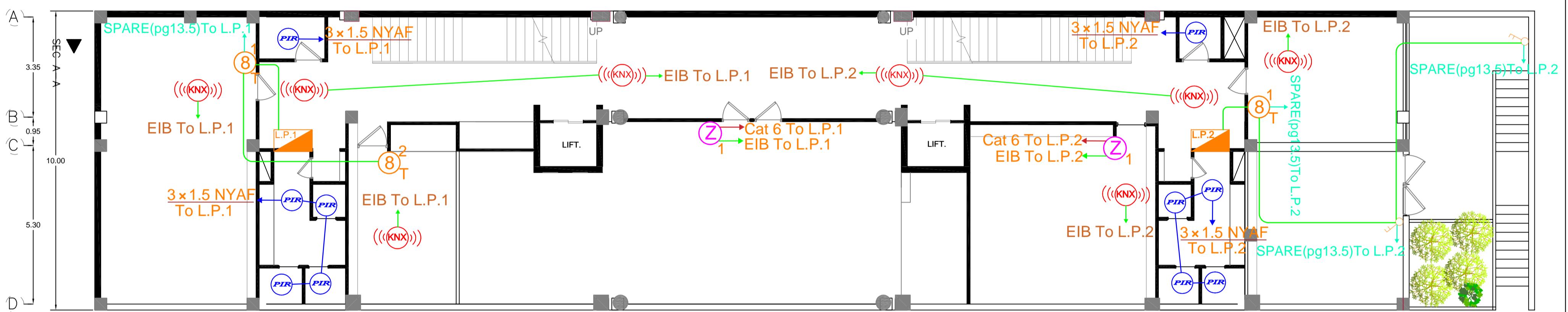
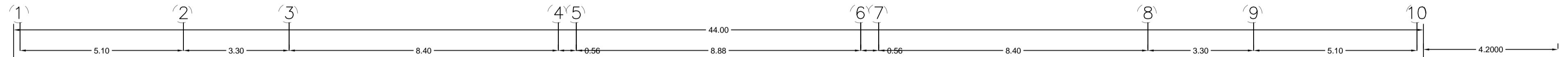
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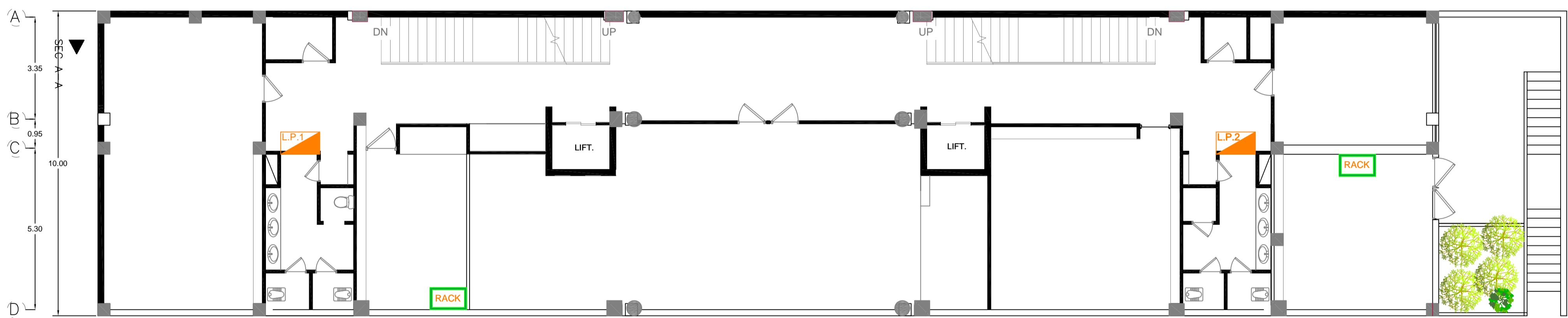
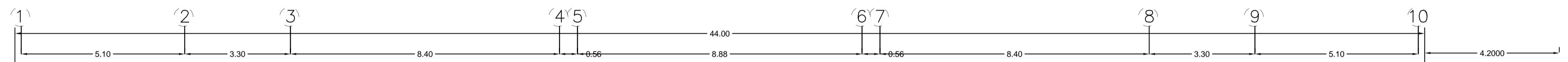
FANCOIL LAYOUT BASEMENT FLOOR PLAN

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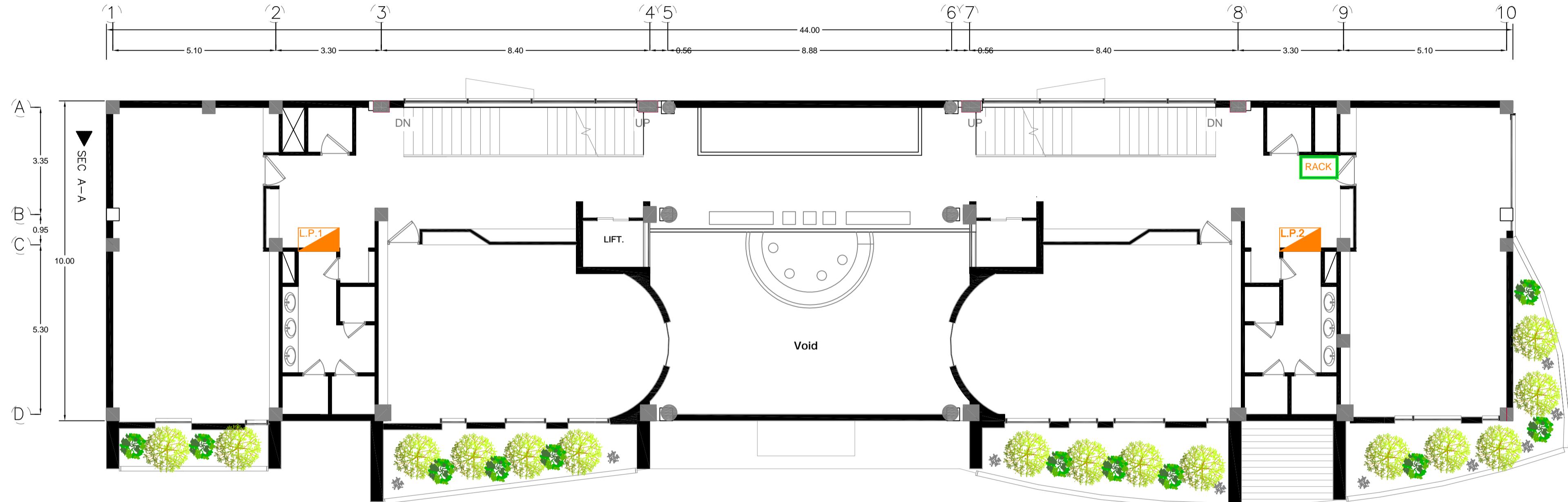
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CCTV LAYOUT BASEMENT FLOOR PLAN

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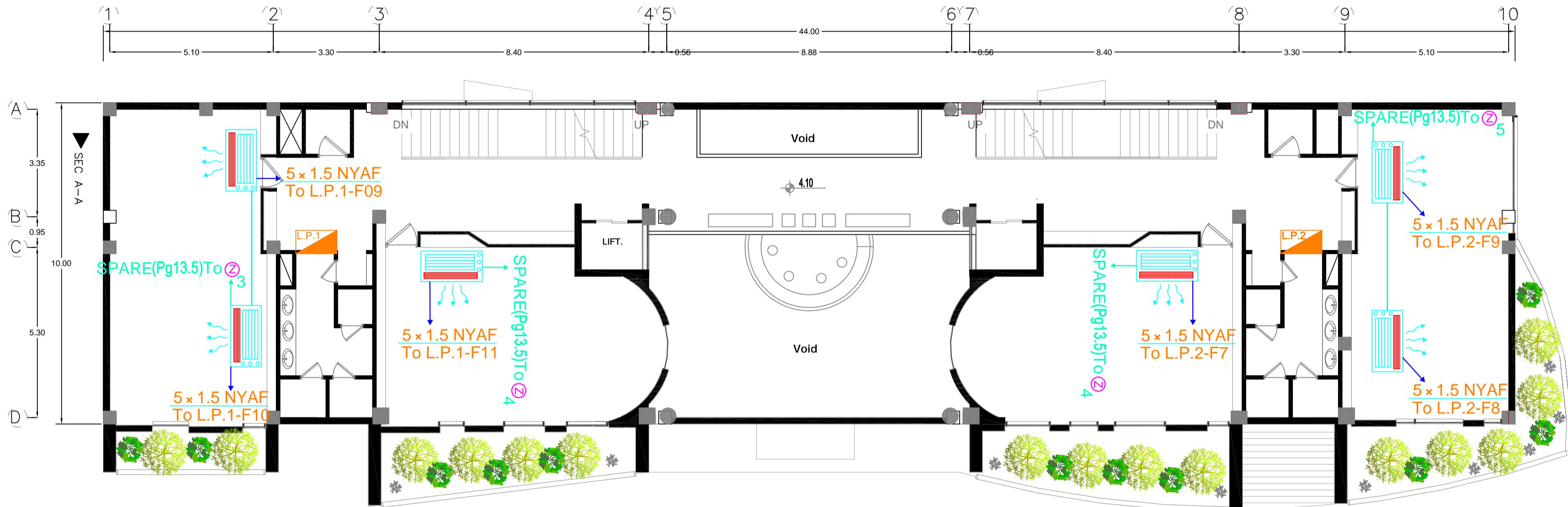
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CCTV LAYOUT FIRST FLOOR PLAN

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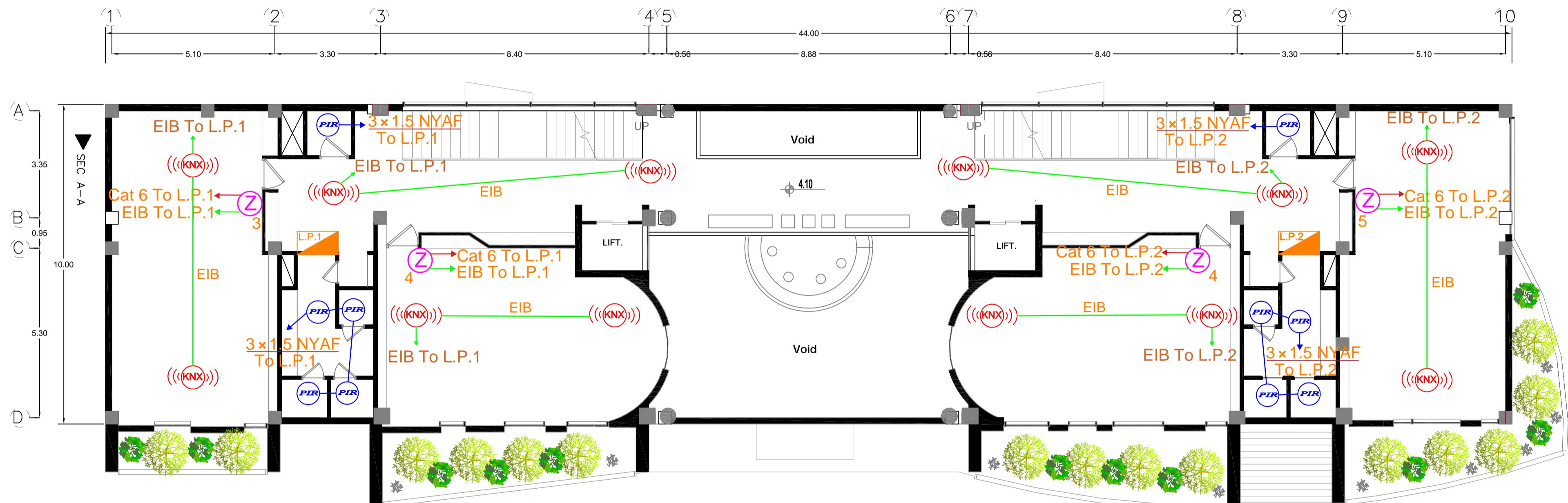
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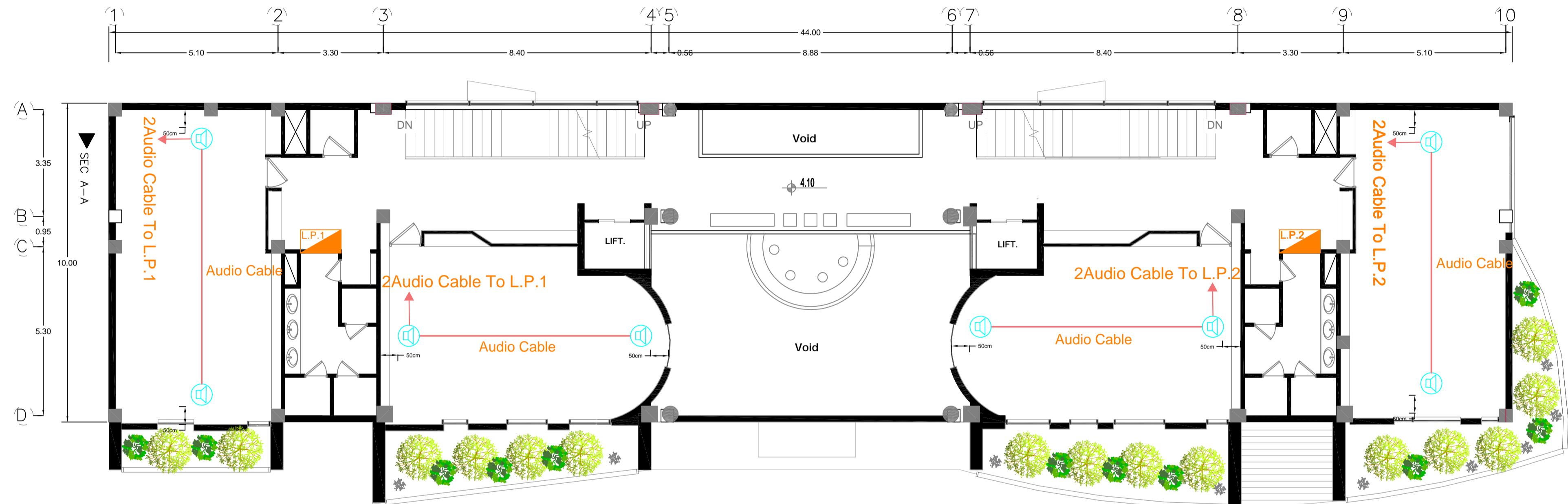
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KNX WIRING LAYOUT FIRST FLOOR PLAN

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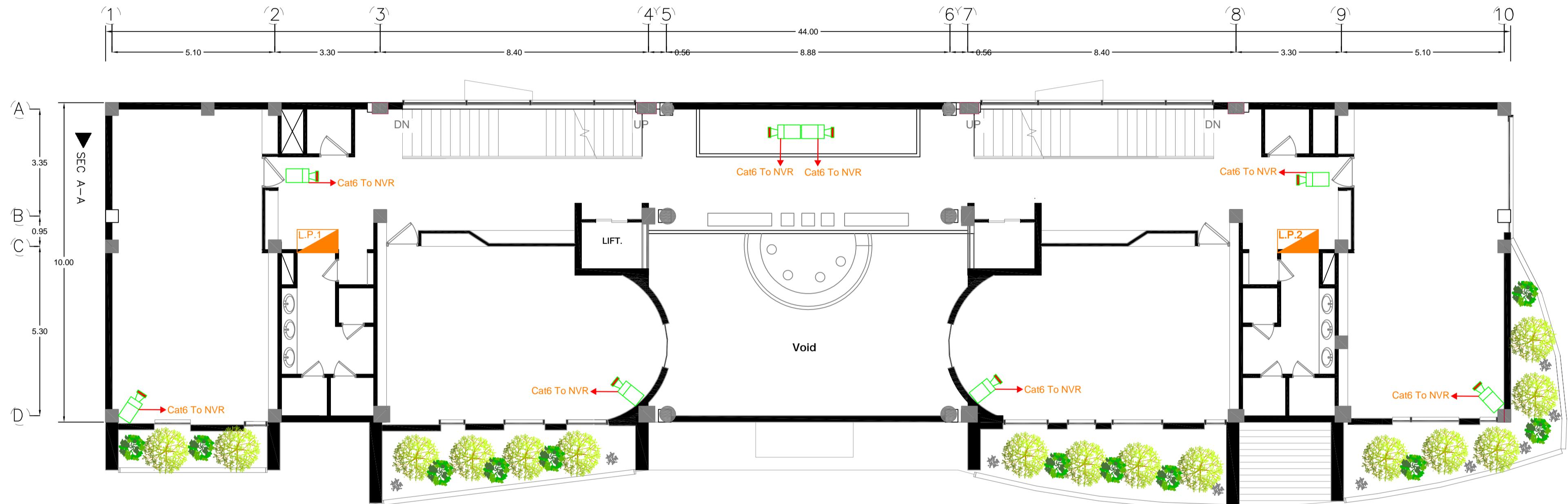
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SOUND SYSTEM LAYOUT FIRST FLOOR PLAN

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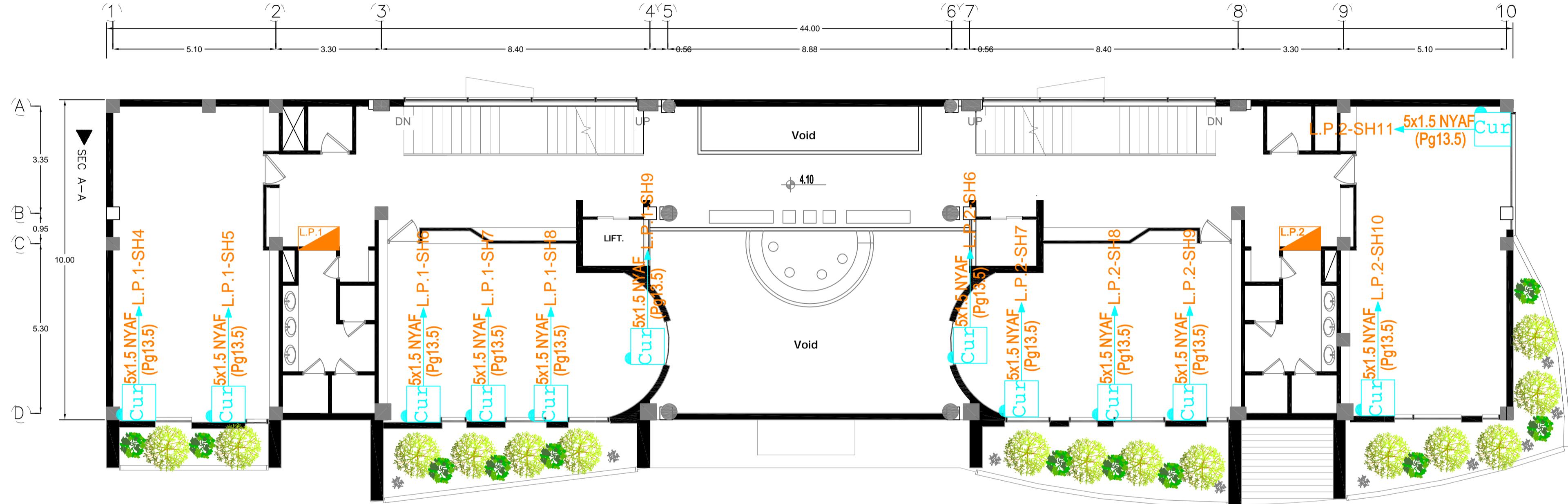
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CURTAIN LAYOUT FIRST FLOOR PLAN

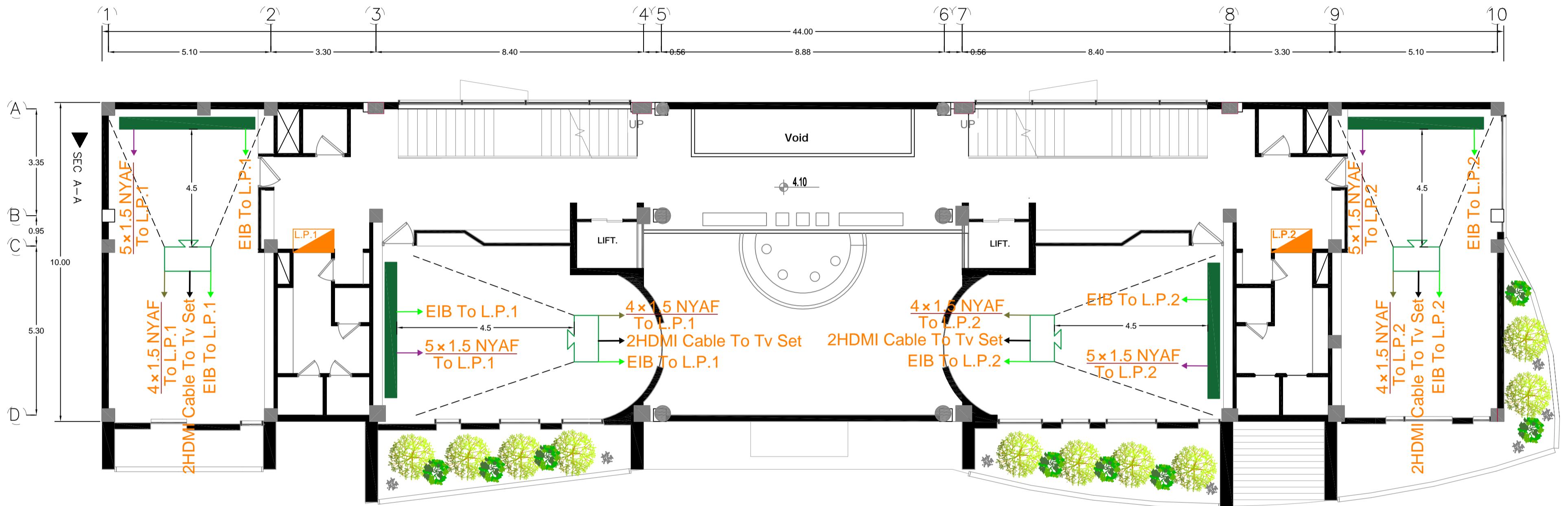
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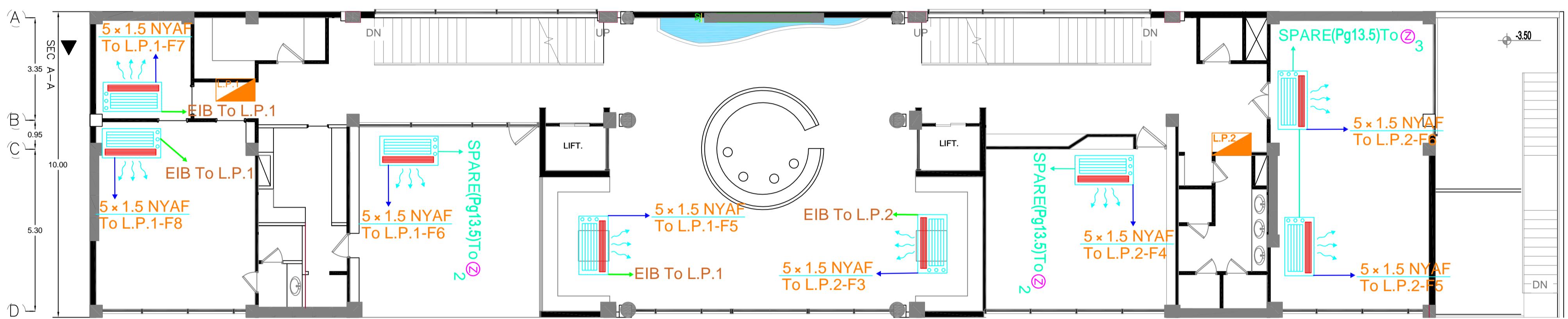
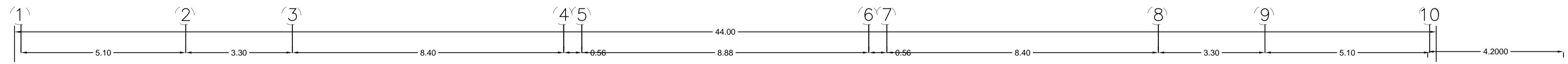
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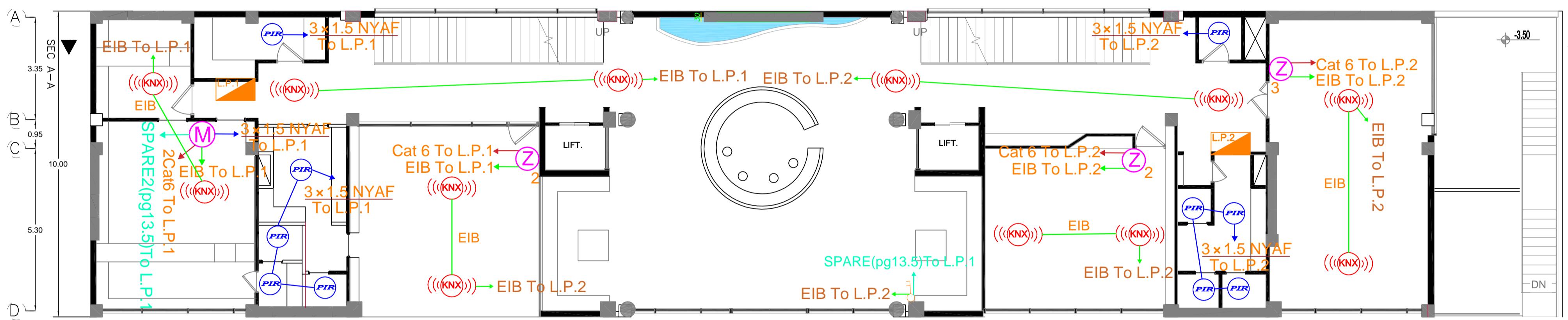
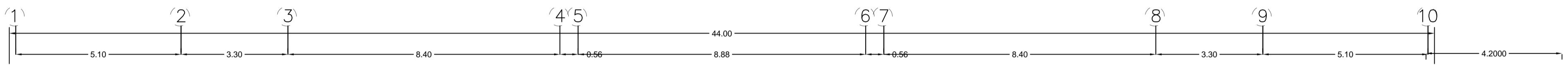
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FANCOIL LAYOUT GROUND FLOOR PLAN

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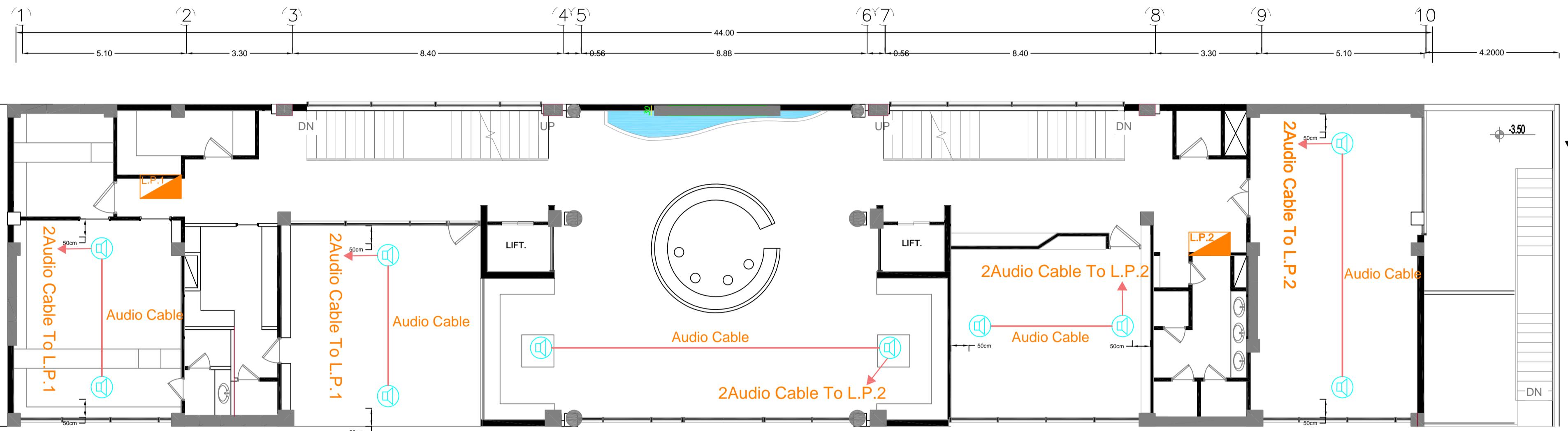
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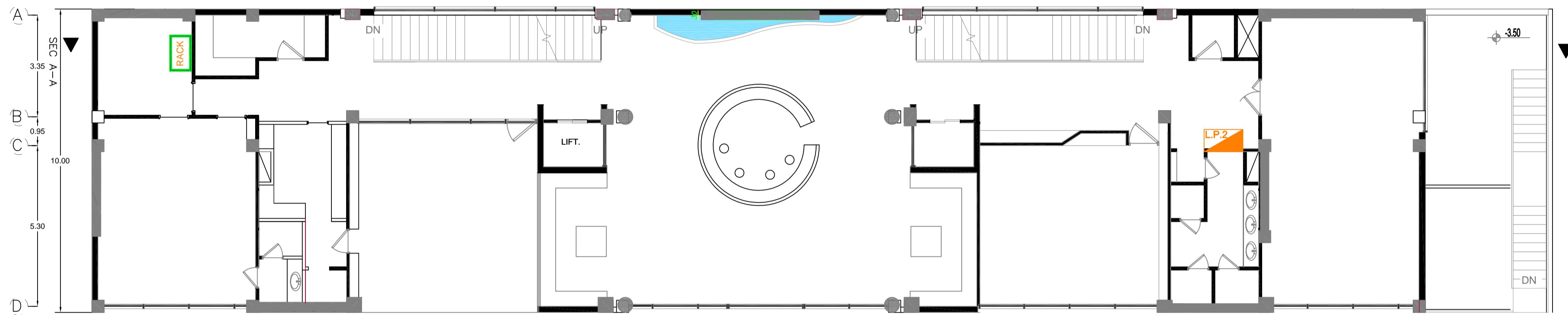
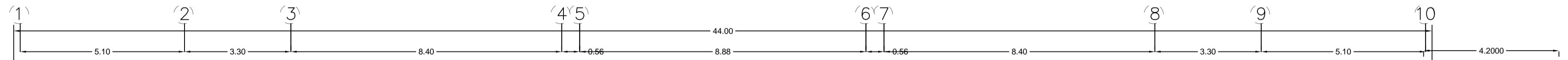
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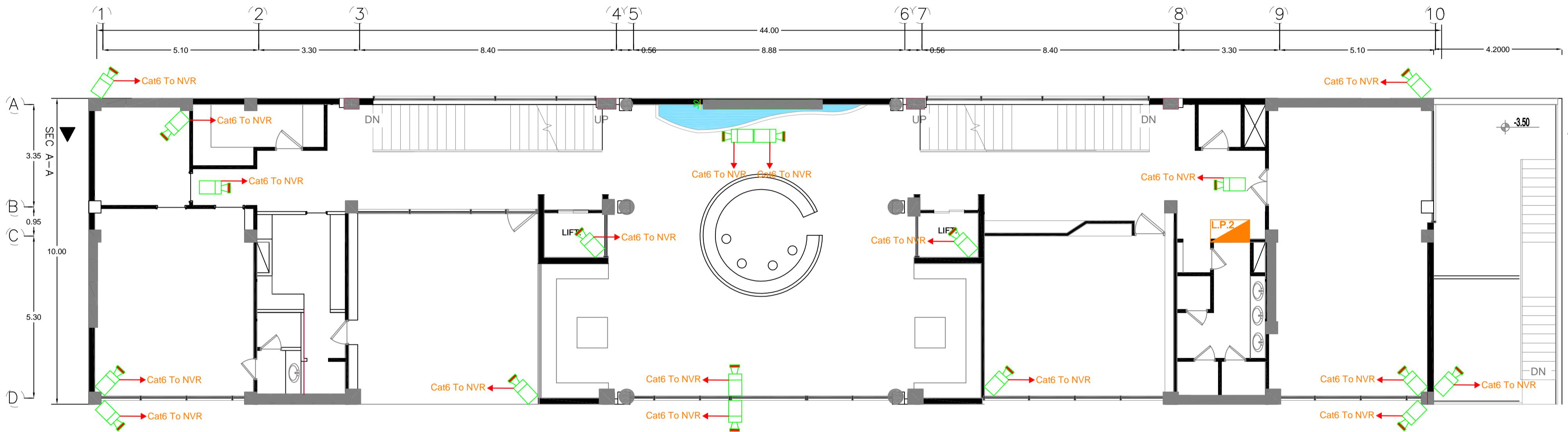
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CCTV LAYOUT GROUND FLOOR PLAN

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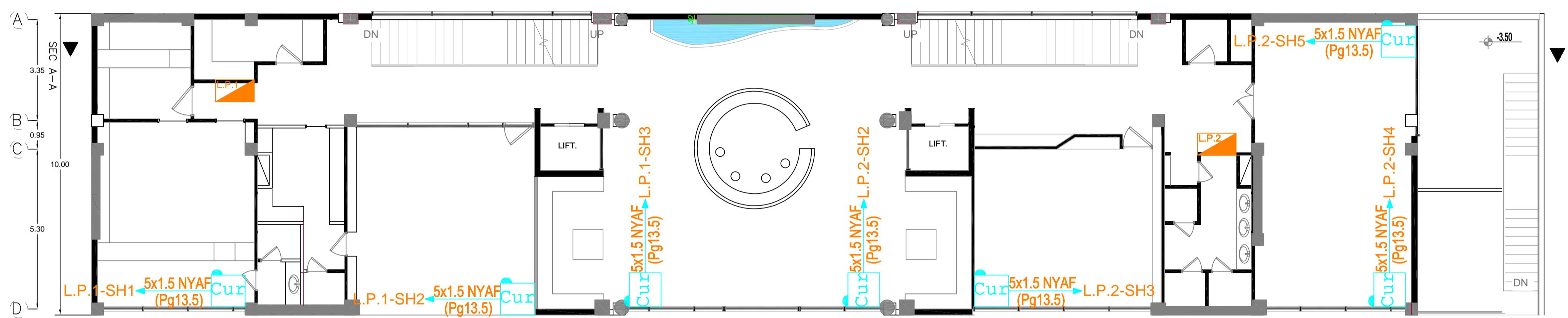
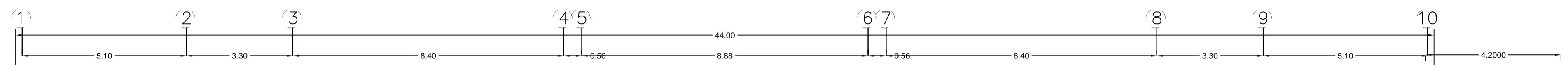
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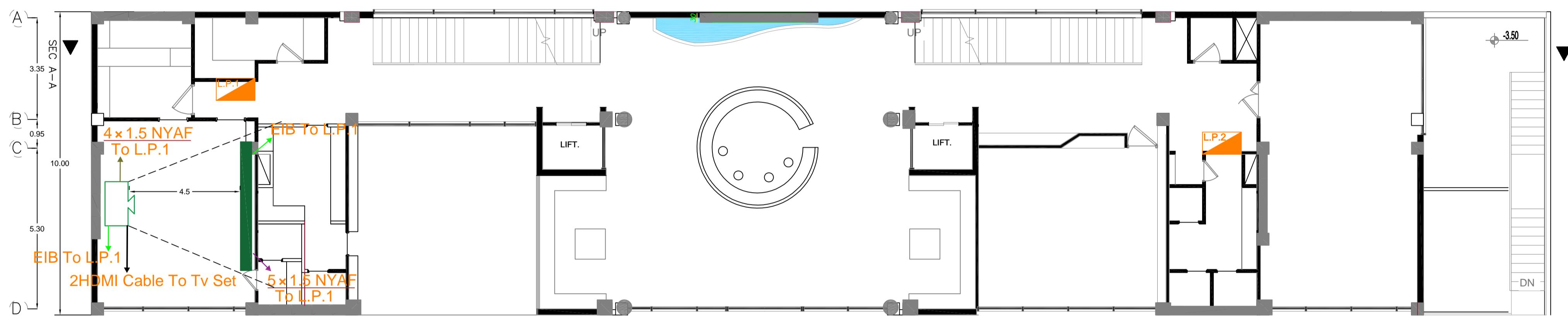
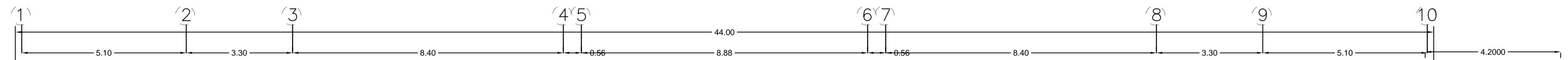
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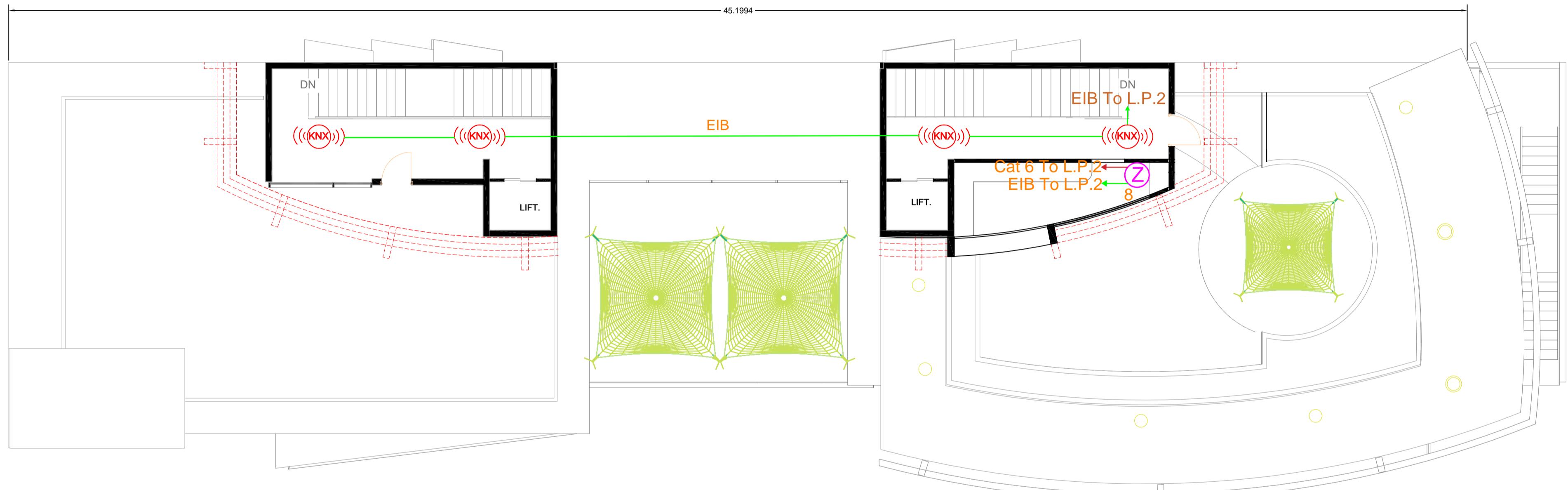
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KNX WIRING LAYOUT GROUND FLOOR PLAN

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KNX WIRING LAYOUT ROOF FLOOR PLAN

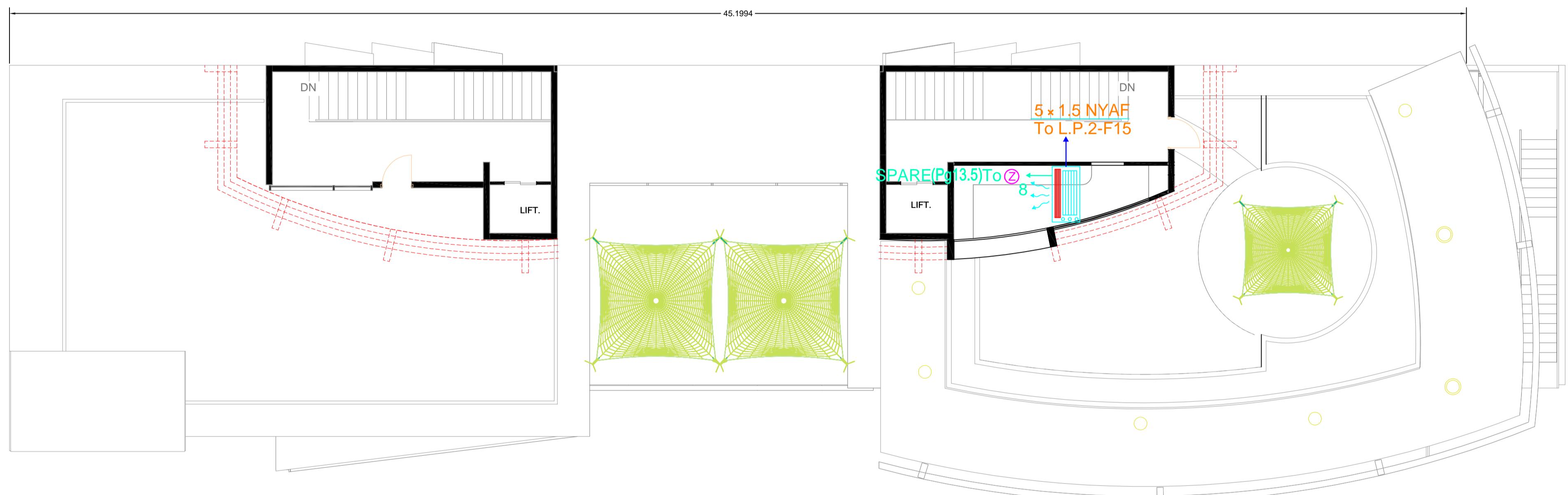
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FANCOIL LAYOUT ROOF FLOOR PLAN

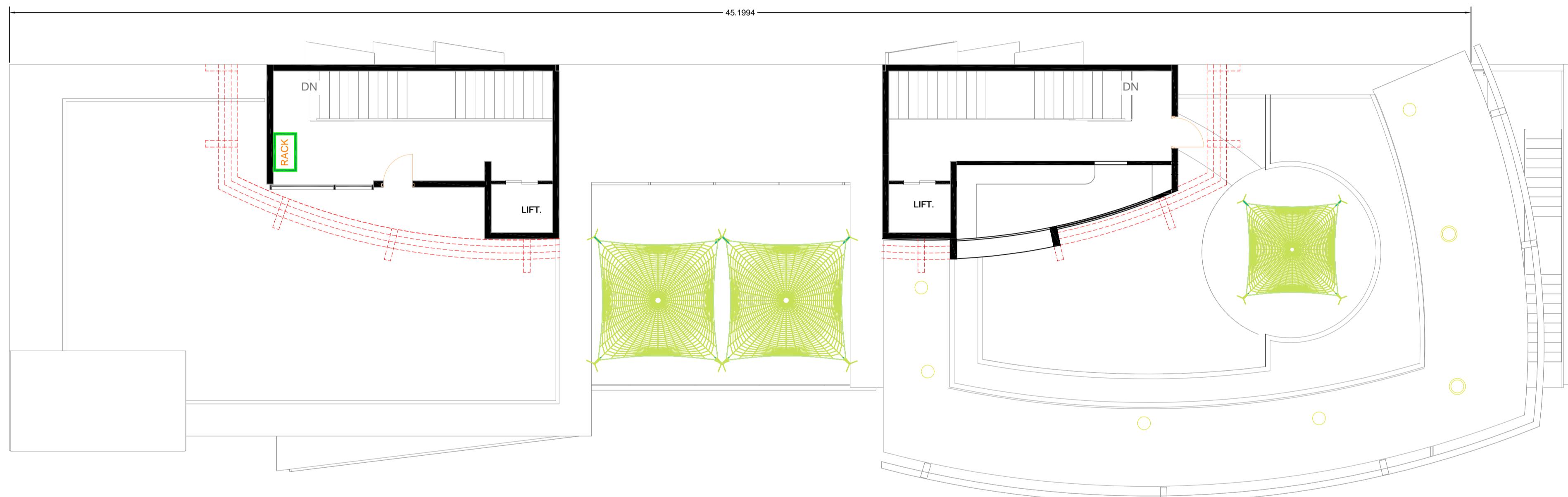
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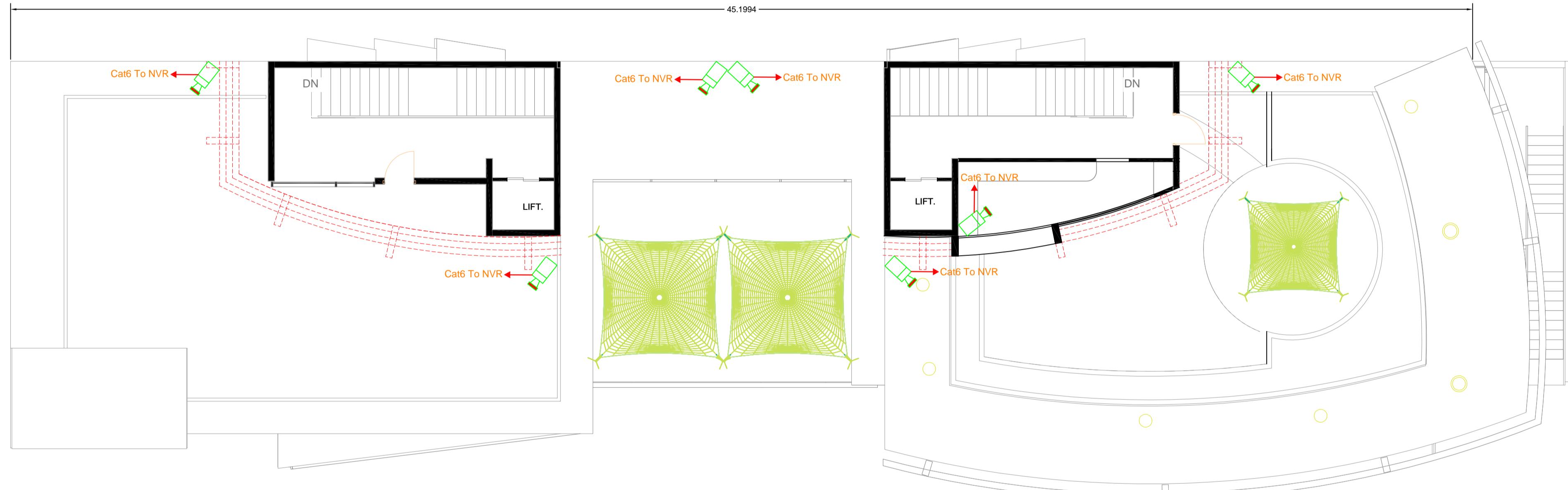
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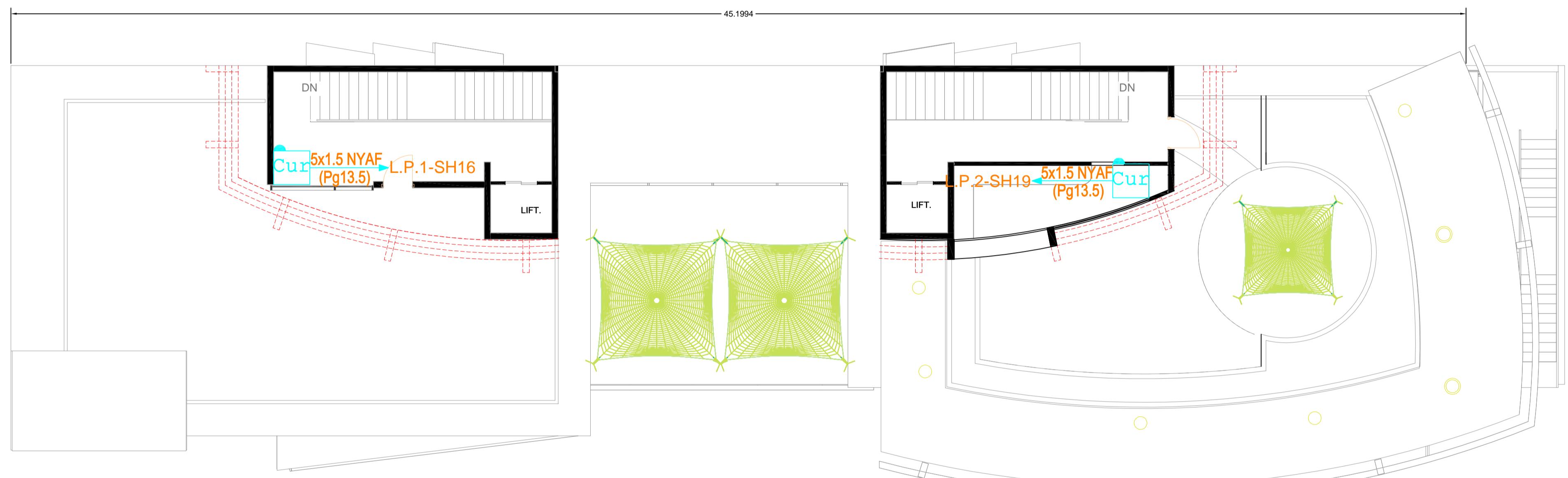
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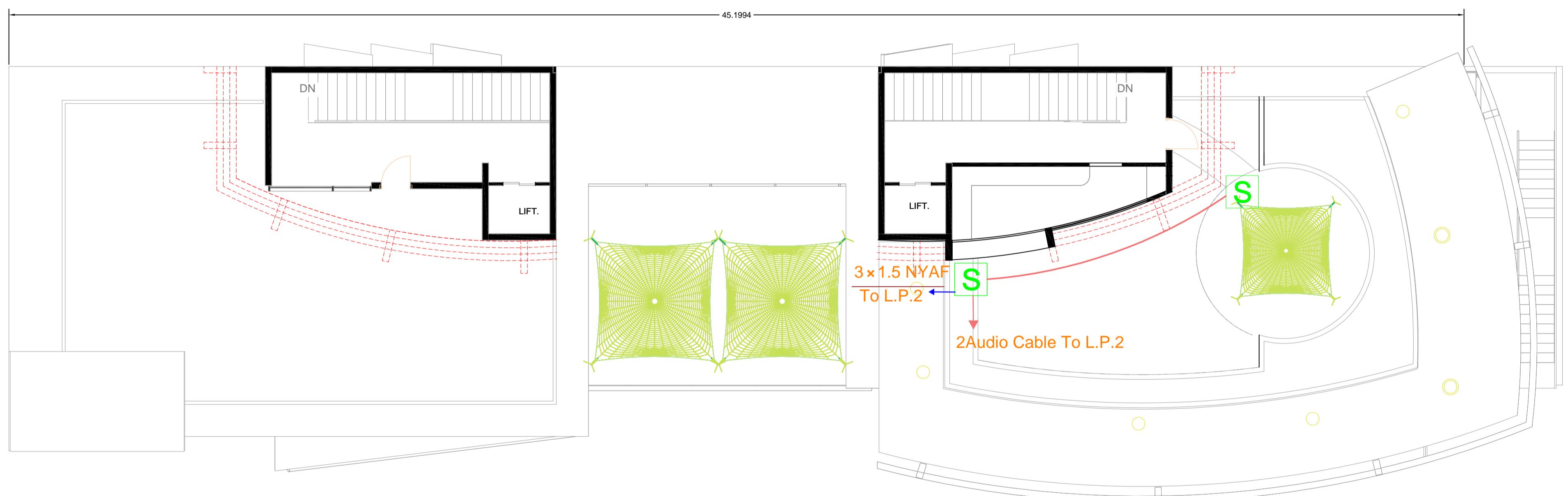
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CURTAIN LAYOUT ROOF FLOOR PLAN

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SOUND SYSTEM LAYOUT ROOF FLOOR PLAN

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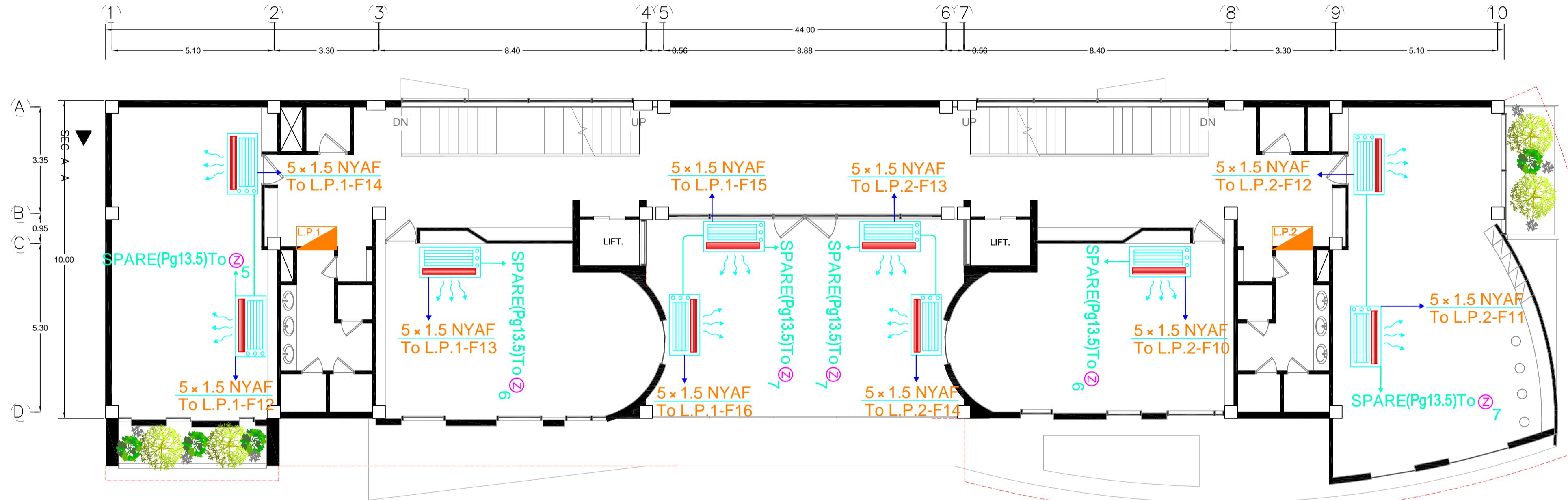
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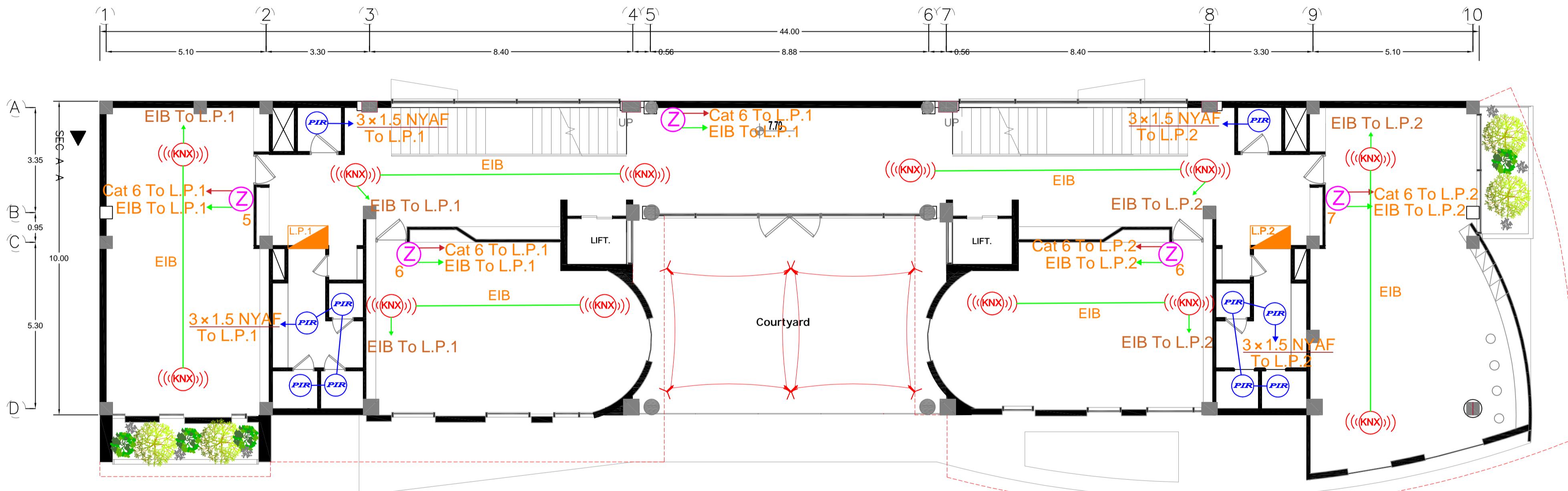
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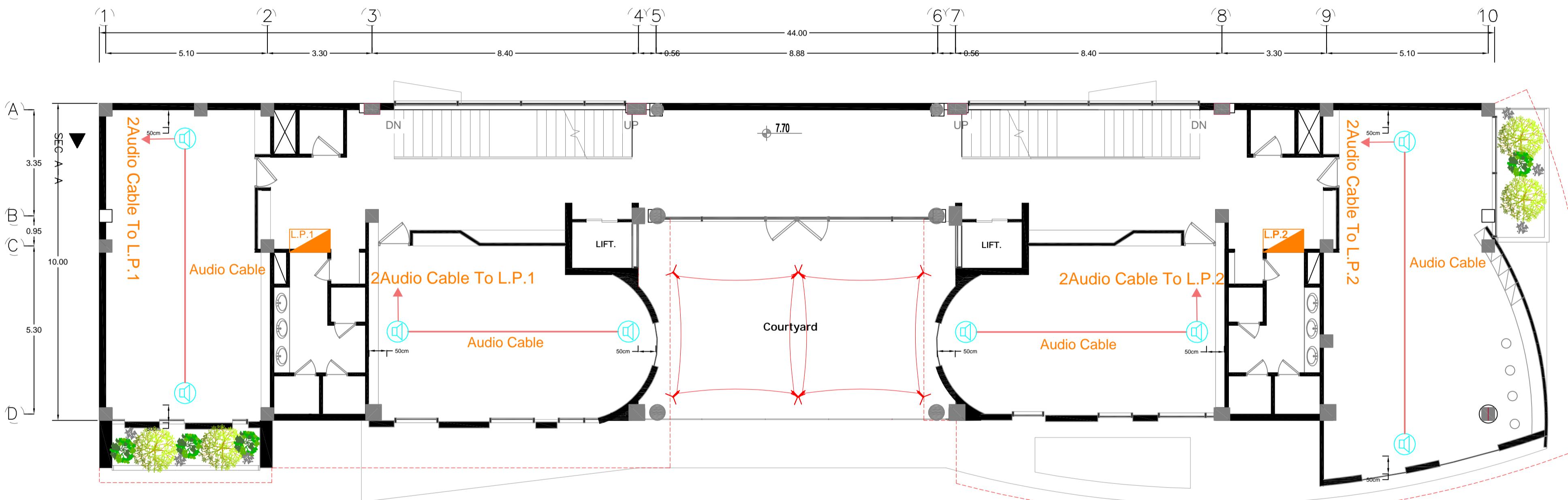
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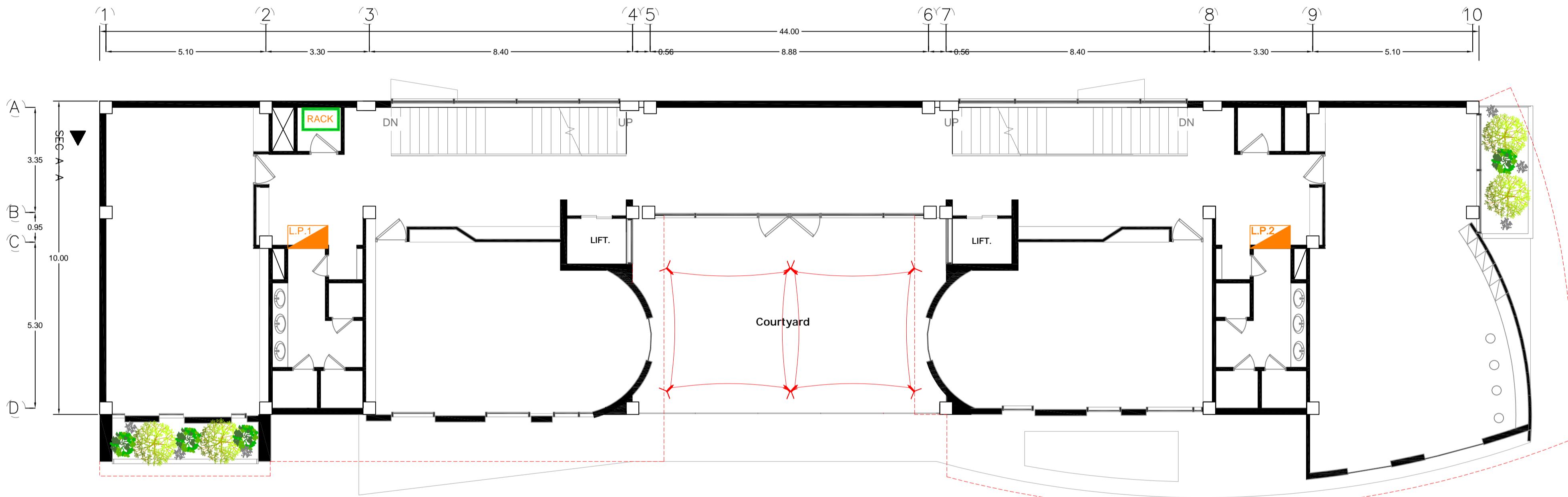
PROJECT NAME	SUMS Preschool
EMPLOYER	Shiraz University of Medical Sciences
DESIGNED:	M.Kaviani
CHECKED:	S.Sadeghi
APPROVED:	A.Monazah

SOUND SYSTEM LAYOUT SECOND FLOOR PLAN

Preschool Project | The Educational and Cultural Complex
for Shiraz University of Medical Sciences

SCALE :
SIZE : A2





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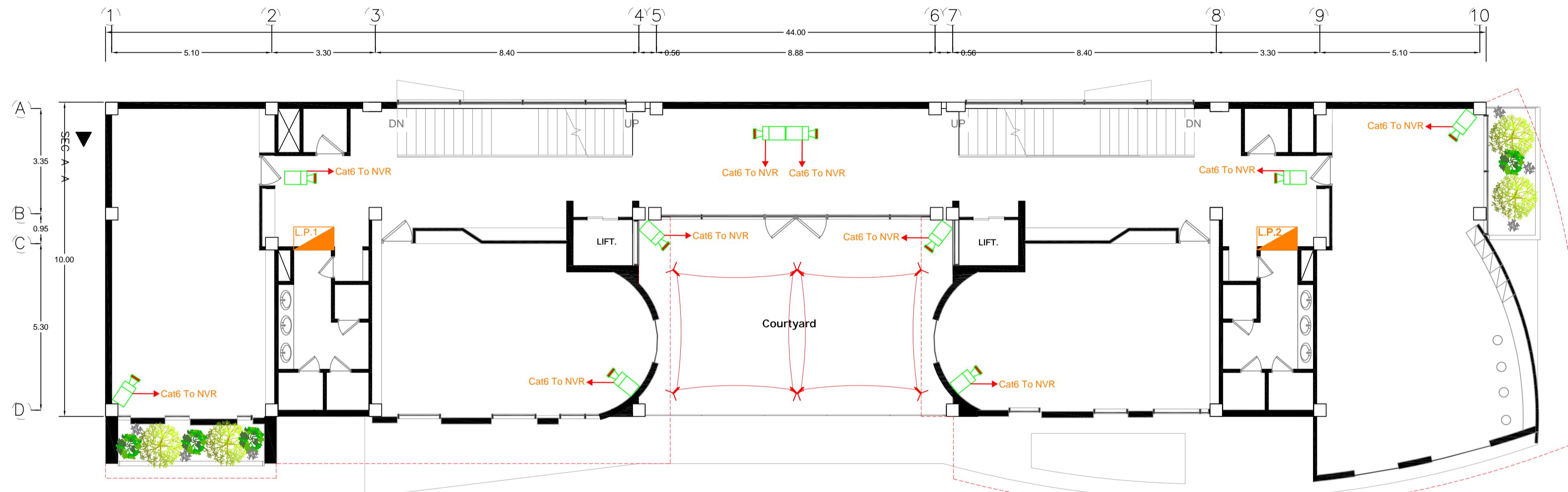
PROJECT NAME	SUMS Preschool
EMPLOYER	Shiraz University of Medical Sciences
DESIGNED:	M.Kaviani
CHECKED:	S.Sadeghi
APPROVED:	A.Monazah

CCTV LAYOUT SECOND FLOOR PLAN

Preschool Project | The Educational and Cultural Complex
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SCALE :
SIZE : A2





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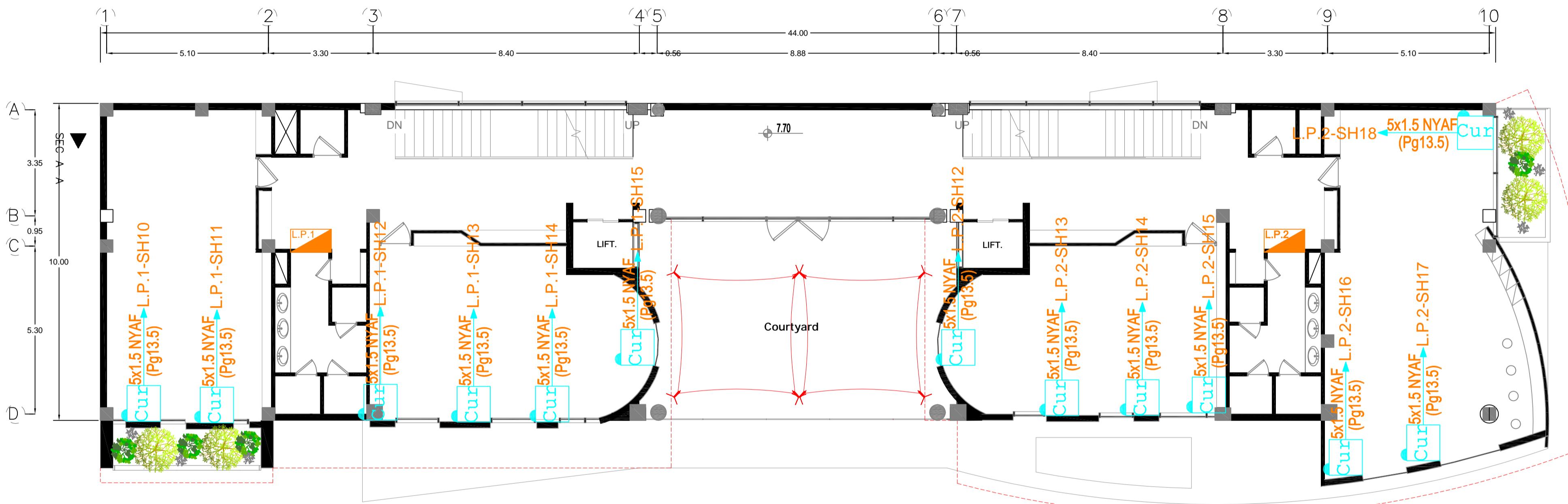
PROJECT NAME	SUMS Preschool
EMPLOYER	Shiraz University of Medical Sciences
DESIGNED:	M.Kaviani
CHECKED:	S.Sadeghi
APPROVED:	A.Monazah

CCTV LAYOUT SECOND FLOOR PLAN

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SCALE
SIZE : A2





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PROJECT NAME	SUMS Preschool	
EMPLOYER	Shiraz University of Medical Sciences	
DESIGNED:	M.Kaviani	
CHECKED:	S.Sadeghi	
APPROVED:	A.Monazah	

CURTAIN LAYOUT SECOND FLOOR PLAN

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SCALE :
SIZE : A2



