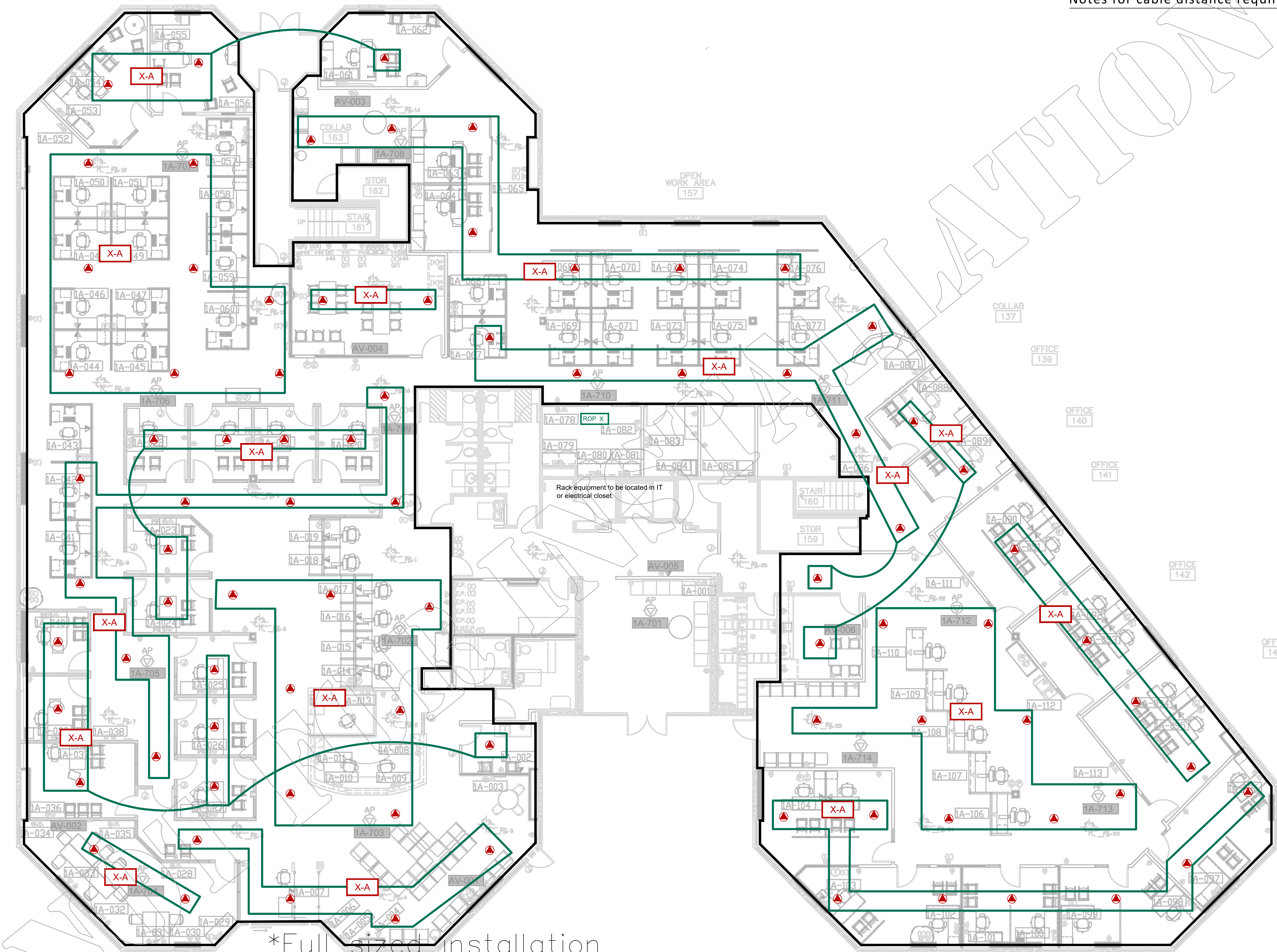


GENERAL NOTES:

1. This is not a construction drawing. This represents a proposed masking layout. Verification of unit placement prior to final installation may be required.
2. Placement of Head-end equipment is depicted at suggested locations and may be relocated to other electrical, IT or communications closets within close proximity to that shown.
3. The number of Lencore O.P.'s per single power supply shall not exceed six (6) for Masking Systems and three (3) for Masking/Paging Systems.
4. Use 16 gauge, 2 conductor, non-shielded, plenum rated cable for power. Power cable cannot exceed 300' from the power supply to the last OP on Power Zone.
5. Use Cat5e, 4 pair, non-shielded, twisted, 24 gauge, plenum rated cable terminated at each end with standard RJ45 connector (Straight Pin) for Data Cable.
6. The number of Lencore speakers per OP speaker channel shall not exceed eight (8).
7. Use Cat5e, 4 pair, non-shielded, twisted, 24 gauge, plenum rated cable terminated at each end with standard RJ45 connector (Straight Pin) for Speaker Channels. Lencore has experienced issues using EZ-RJ45 connectors. Even though these cable heads allow for easier termination of Cat5e & Cat6 wires, cut wires have caused shorts, and Intermittent open Connections. The root cause of these failures is unknown at this time but Lencore is aware of the potential issue and is prepared to discuss with installers, if need be. Please contact Tech Support for more detail.
8. OP Speaker Channels are not to exceed 150' from the OP to the 1st speaker and 150' from the 1st speaker to the last for an overall distance of 300' from the OP to the last speaker.
9. Head-End equipment requires power from one (1) dedicated 110-120 volt outlet. Power Supplies are not to exceed five (5) on a dedicated 20A circuit.
10. Ground wire (16 gauge, plenum rated) required between OP's of different power zones. Ground Wire must follow the path of the Data Cable.
11. Please refer to Lencore iNet® installation manual for complete instructions.

Quad OP Rack Mount Unit to be located per installer's discretion. Refer to the General Notes for cable distance requirements.



*Full sized installation drawing will be e-mailed at time of order where channels will be identified.

- TUNING NOTES FOR MASKING AND PAGING
1. Tuning Masking: measure 4' AFF, 47-48 dBA in Open Office and 45-46 dBA in Closed Office.

2. Tuning Paging: measure over the ambient background sound 10 dB in Private areas and 15 dB in Public areas.

i.Net®					
Quantity	Symbol	Description	Quantity	Symbol	Description
86		UP-FIRING UNIVERSAL SPEAKER	-		DECORATIVE FIXED MOUNT RND. SPEAKER
-		DOWN-FIRING UNIVERSAL SPEAKER	-		DECORATIVE SWIVEL MOUNT RECT. SPEAKER
-		UP-FIRING NON-UNIVERSAL SPEAKER	-		PAGING HORN SPEAKER
-		DOWN-FIRING NON-UNIVERSAL SPEAKER	-		OMNICAST SPEAKER
-		DECORATIVE PENDANT SPEAKER	-		MAGNACAST SPEAKER
-		CEILING PLATE SPEAKER	-		FLAT TOP SPEAKER
-		TANGENT SPEAKER	-		UP-FIRING UNIVERSAL REMOTE IN-LINE SPEAKER
-		SOLID STATE TRANSDUCER SPEAKER	-		

Speaker Modifications

-	(PT) - PAINTED	-	(TB) - TILE BRIDGE
---	----------------	---	--------------------

Headend

-		SOUNDMASKING HEADEND RACK UNIT			
-		MP1 - 2 LOCAL RACK UNIT			
1		QUAD OP RACK MOUNT UNIT			

System Components

-		OPERATING PLATFORM	-		AMPLIFIER
-		POWER SUPPLY 48V DC	-		IR HUB
1		TERMINATOR	-		RACK MOUNT AUDIO INTERFACE
-		IR WALL CONTROLLER	-		JORDNA HUB
-		IR TOUCH PAD CONTROLLER	-		MUSIC PAGE INTERFACE RACK MOUNT
-			-		

Ancillary Prewired Enclosures

-		SMART ROUTER RACK MOUNT	-		FIBER RECEIVER ENCLOSURE
-		FIBER TRANSMITTER ENCLOSURE	-		IP RECEIVER ENCLOSURE
1		EXSTREAMER ENCLOSURE	-		
-			-		

AREA OF COVERAGE DEPICTED (SQ. FT.):	NOT IN CONTRACT:
15,178	

1.	4/12/22	Removed head end and added exstreamer	NCB
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12.			
No.	DATE	REVISION	BY

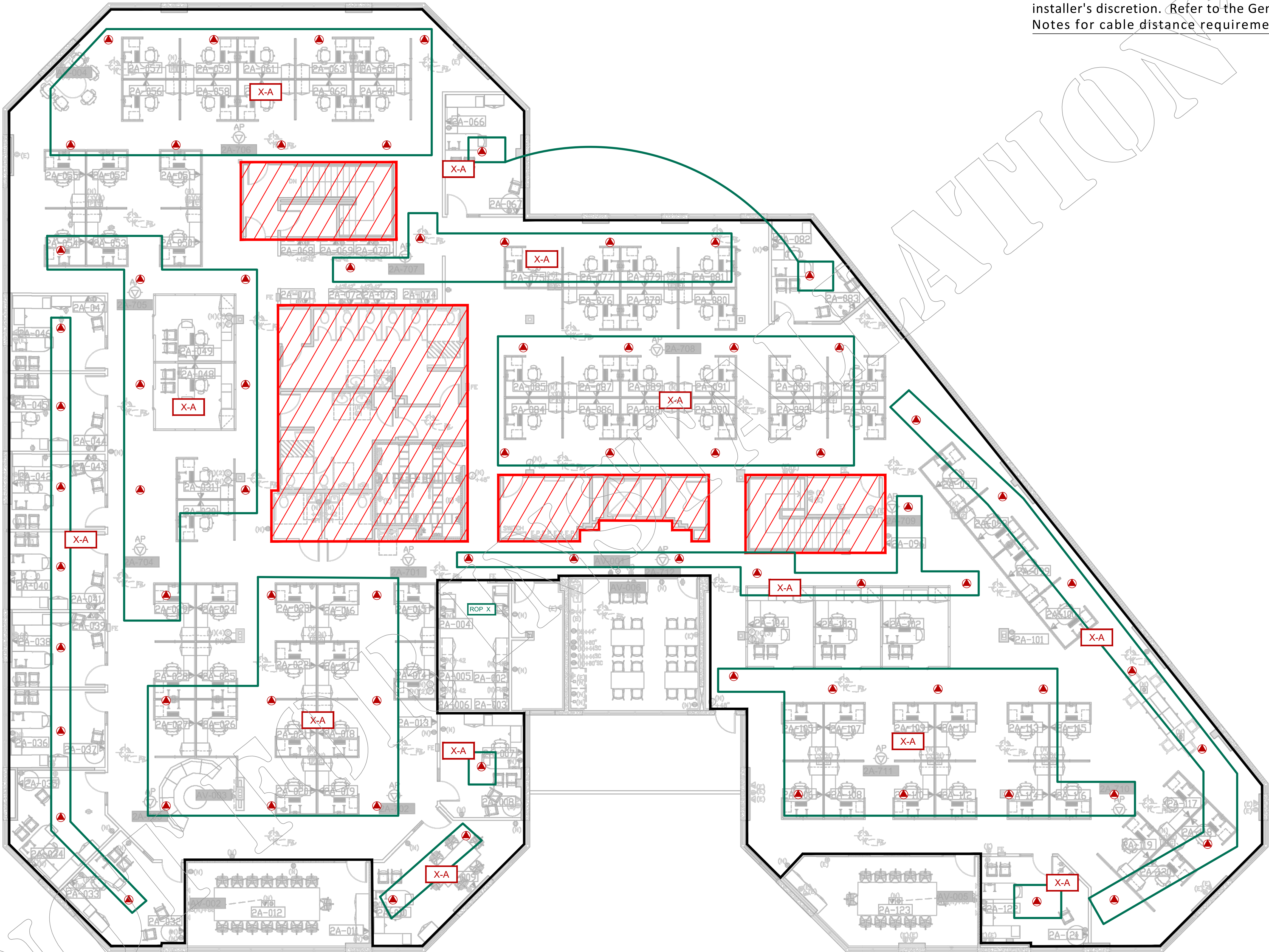
Riverside County IT

1st Floor
Open Office, Private Office, Hallways
2801 Iowa Ave
Riverside, CA 92507


Project Number: 28105			
DRAWN BY:	SCALE:	DATE:	Drawing Size: 24x36 (D-Size)
NCB	1/8"= 1'-0"	3/7/22	
REVISION	The information contained herein is proprietary to Lencore Acoustics LLC and copyright protected. No part of these documents shall be reused for any extensions of the project or any other project without the written consent of Lencore Acoustics. These are reference drawings not to be used for construction.		SHEET
1			1 OF 2

GENERAL NOTES:

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11. Please refer to Lencore iNet® installation manual for complete instructions.



Quad OP Rack Mount Unit to be located per installer's discretion. Refer to the General Notes for cable distance requirements.



















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839 New York Ave, Suite 21
Huntington, NY 11743











(516) 682-9292







www.lencore.com

i.Net®					
Quantity	Symbol	Description	Quantity	Symbol	Description
73		UP-FIRING UNIVERSAL SPEAKER	-		DECORATIVE FIXED MOUNT RND. SPEAKER
-		DOWN-FIRING UNIVERSAL SPEAKER	-		DECORATIVE SWIVEL MOUNT RECT. SPEAKER
-		UP-FIRING NON-UNIVERSAL SPEAKER	-		PAGING HORN SPEAKER
-		DOWN-FIRING NON-UNIVERSAL SPEAKER	-		OMNICAST SPEAKER
-		DECORATIVE PENDANT SPEAKER	-		MAGNACAST SPEAKER
-		CEILING PLATE SPEAKER	-		FLAT TOP SPEAKER
-		TANGENT SPEAKER	-		UP-FIRING UNIVERSAL REMOTE IN-LINE SPEAKER
-		SOLID STATE TRANSDUCER SPEAKER	-		

Speaker Modifications			
-	(PT) - PAINTED	-	(TB) - TILE BRIDGE

Headend			
-		SOUNDMASKING HEADEND RACK UNIT	
-		MPX-2 LOCAL RACK UNIT	
1		QUAD OP RACK MOUNT UNIT	

System Components					
-		OPERATING PLATFORM	-		AMPLIFIER
-		POWER SUPPLY 48V DC	-		IR HUB
-		TERMINATOR	-		RACK MOUNT AUDIO INTERFACE
-		IR WALL CONTROLLER	-		JORDNA HUB
-		IR TOUCH PAD CONTROLLER	-		MUSIC PAGE INTERFACE RACK MOUNT
-			-		

Ancillary Prewired Enclosures					
-		SMART ROUTER RACK MOUNT	-		FIBER RECEIVER ENCLOSURE
		FIBER TRANSMITTER ENCLOSURE	-		IP RECEIVER ENCLOSURE
			-		
			-		

AREA OF COVERAGE DEPICTED (SQ. FT.):		15,175	NOT IN CONTRACT:
1.	4/12/22	No changes to this page	NCB
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9.			
10.			
11.			
12.			
No.	DATE	REVISION	BY

Riverside County IT

2nd Floor
Open Office, Private Office, Hallways
2801 Iowa Ave
Riverside, CA 92507

Project Number: 28105

DRAWN BY: NCB SCALE: 1/8"= 1'-0" DATE: 3/7/22

Drawing Size: 24x36 (D-Size)

REVISION

1

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SHEET

2 OF 2

*Full sized installation drawing will be e-mailed at time of order where channels will be identified.

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