ERRCS Design Review Checklist
APPROVED

Date Reviewed:	8/20/2024
Project Identifier:	INC0032933
Reviewed By:	Bill Benson
Site ID:	TBD
Project Name:	Volar Building A
Site Address:	2171 Campus Dr.
City:	Irvine
Fire Jurisdiction:	OCFA
Contractor	
Company:	Center Line/Leaf Comm
Contractor Contact:	Center Line/Leaf Comm
Email:	Kaitlyn Lyons
BDA	
Model:	RX78V3-A3327P0-S1
Serial Number:	TBD
Operating Mode (A/B):	A
Assigned Cells	
Primary:	South
Secondary:	Countywide
Mutual Aid:	Mutual Aid
Assigned Site(s):	
Primary:	Signal Peak
Secondary:	Signal Peak
Mutual Aid:	Signal Peak
Site Assignment Issue Date:	8/26/2024
Plan Check	
Approval Date:	8/26/2024
Permit Set File Name(s):	ERRCS_VOLAR APARTMENTS_100CD_08.13.24
OCSD Guidelines Version:	4.4 (6-19-2024)
Design Set Received Date:	8/19/2024

Required Information	P/F		Remarks
	Project Information		
Site Name & Address	P	*Appx B Par 2a*	
Contractor Info	P	*Appx B Par 2d*	
Site Map	P	*Appx B Par 2e*	

Scope of Work	P	*Appx B Par 2f*	
Building Description	P	*Appx B Par 2b*	
Frequency List	P	*Appx B Par 12a*	
Materials List	P	*Appx B Par 5e*	
Device Identifier List	P	*Appx B Par 7*	
Relevent Codes	P	*Appx B Par 5a*	

Designer Certification

FCC	P	*Appx B Par 5b*	
DAS (manufacturer or certifying agency)	P	*"*	
Design Software	P	*"*	

Installation Lead Certification

FCC	P	*Appx B Par 5c*	
DAS	P	*"*	
Contractor's License	P	*"*	

Installation Details

Donor Installation Detail	P	*Appx B Par 6*	
DAS Antenna(s) Detail	P	*"*	
Headend Detail	P	*Appx B Par 14*	
AC Power	P	*"*	
DC Power	P	*"*	
Grounding	P	*"*	
Alarm Interface	P	*"*	
Backup Power Calculations	P	*Appx B Par 11*	

System Schematic / Line Drawings

Shows All Floors	P	*Appx B Par 8*	
Shows All Components	P	*"*	
All Components Labeled	P	*"*	
Calculated Power Shown	P	*Appx B Par 9*	

Link Budget Report - Tabular Power Calculations

Power Projections

Measured Downlink at Donor	-	*Optional*	Calculated.

Calculated Downlink at Donor

Primary Cell	P	*Appx B Par 9a*	
Secondary Cell	P	*"*	
Mutual Aid	P	*"*	

Calculated Downlink at DAS

Primary Cell	P	*Appx B Par 9a*
Secondary Cell	P	*"*
Mutual Aid	P	*"*

Uplink Calculations

Calculated Internal Levels	P	*Appx B Par 9a*

Calculated ERP at Donor Antenna

Primary Cell	P	*Appx B Par 9a*
Secondary Cell	P	*"*
Mutual Aid	P	*"*

Freespace Path Estimates

Primary Cell	P	*Appx B Par 9a*
Secondary Cell	P	*"*
Mutual Aid	P	*"*

Estimated Received Level at Donor Site

Primary Cell	P	*Appx B Par 9a*
Secondary Cell	P	*"*
Mutual Aid	P	*"*

Floor Plans

All Levels	P	*Appx B Par 13*
All Components	P	*"*
All Labels	P	*"*

Heat Maps

For All Floors	P	*Appx B Par 16*
For All Assigned Cells	P	*"*
Acceptable Accuracy	P	*"*
Appropriate Levels	P	*"*

Grid Overlay

On Floor plan	-	*Optional*
On Heat Map	P	*Appx B Par 16a*
Separate Example	-	*Optional*

P	Passed / acceptable submittal
!	Acceptable with qualifications (see remarks)
F	Unacceptable or omitted information