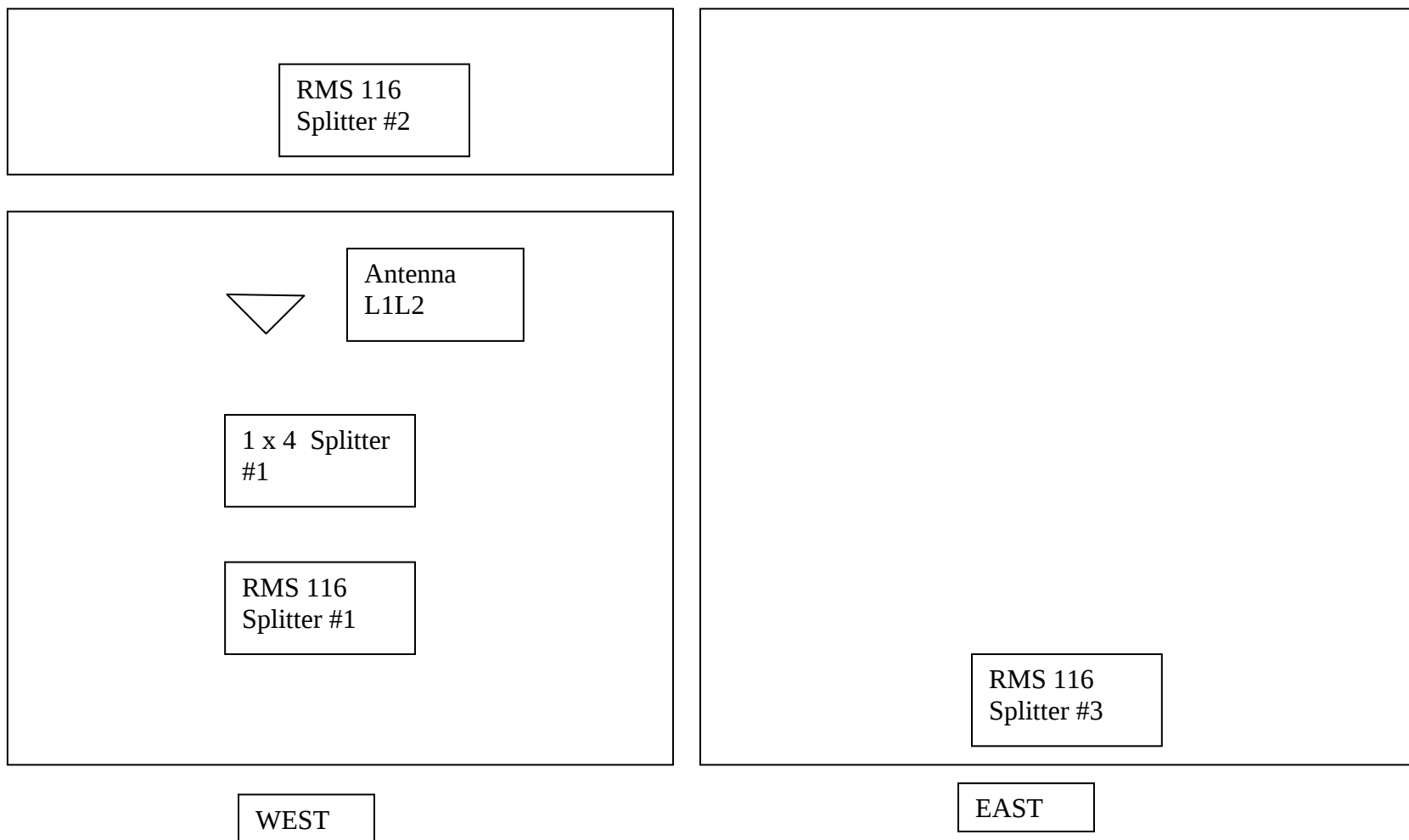


GPS Repeater Distribution System at 23010 Ladbrook Drive, Sterling, VA 20166

This is the map for the repeater distribution system. Please refer to the PDF file for details.



GPS Repeater Distribution System at 23010 Ladbroke Drive, Sterling, VA 20166

1 x 4 Splitter Main Distributions

Location: West Inside Area C	Radiator/Line	Length	Radiated Area	Cable Type	Splitter Port	Comments
Area C Antenna Drop	Line	10 feet	N/A	LMR-240-LLPL	1	Goes to 1 x 16 Splitter #1
Area C Antenna Drop	Line	70 feet	N/A	LMR-240-LLPL	2	Goes to 1 x 16 Splitter #2
Area C Antenna Drop	Line	225 feet	N/A	LMR-400-LLPL	3	Goes to 1 x 16 Splitter #3
Area C Antenna Drop					4	SPARE

1 x 16 Splitter #1

Location: West Inside Area C	Radiator/Line	Length	Radiated Area	Cable Type	Splitter Port	Comments
Area C Plissa North	Radiator	20 feet	70 x 30	LMR-240-LLPL	1	Covers MPR 9-13, Cray
Area C Plissa South	Radiator	20 feet	70 x 30	LMR-240-LLPL	2	Covers MPR 1-8, C-TEAM
Area C ATE	Line	50 feet		LMR-240-LLPL	3	
Area C CLP	Line	100 feet		LMR-240-LLPL	4	
Growth					5	
Growth					6	
Growth					7	
Growth					8	
Growth					9	
Growth					10	
Growth					11	
Growth					12	
Growth					13	
Growth					14	
Growth					15	
Growth					16	

GPS Repeater Distribution System at 23010 Ladbroke Drive, Sterling, VA 20166

1 x 16 Splitter #2

Location: West Inside FPC Area	Radiator/Line	Length	Radiated Area	Cable Type	Splitter Port	Comments
Classroom 1	Radiator	20 feet	20 x 35	LMR-240-LLPL	1	
Classroom 2	Radiator	20 feet	25 x 30	LMR-240-LLPL	2	
Classroom 3	Radiator	50 feet	25 x 30	LMR-240-LLPL	3	
Rooms 1 and 2	Radiator	20 feet	14 x 28	LMR-240-LLPL	4	
Rooms 3 and 4	Radiator	20 feet	14 x 28	LMR-240-LLPL	5	
Growth					6	
Growth					7	
Growth					8	
Growth					9	
Growth					10	
Growth					11	
Growth					12	
Growth					13	
Growth					14	
Growth					15	
Growth					16	

GPS Repeater Distribution System at 23010 Ladbroke Drive, Sterling, VA 20166

1 x 16 Splitter #3

Location: East Inside Area X	Radiator/Line	Length	Radiated Area	Cable Type	Splitter Port	Comments
Area X East	Radiator	50 feet	30 x 100	LMR-240-LLPL	1	
Area X West	Radiator	50 feet	30 x 100	LMR-240-LLPL	2	
Midnight	Line	100 feet		LMR-240-LLPL	3	
Sig Gen	Line	75 feet		LMR-240-LLPL	4	
Shaping	Line	100 feet		LMR-240-LLPL	5	
RF LAB	Line	100 feet		LMR-240-LLPL	6	UNCLASSIFIED
JPO	Line	160 feet		LMR-400-LLPL	7	
Server Room	Line	50 feet		LMR-240-LLPL	8	
Growth					9	
Growth					10	
Growth					11	
Growth					12	
Growth					13	
Growth					14	
Warehouse Temperature Chamber	Radiator	350 feet		LMR-900-LLPL	15	
CONX	Line	300 feet		LMR-900-LLPL	16	