



Lewis 605 S Prairie Ave, Waukesha, WI 53186

**Project Totals**

<b>Total Roof Area</b>	-	<b>39.55 SQ</b>
Flat Slope (0:12-1:12)	-	0.95 SQ
Low Slope (2:12-3:12)	-	10.61 SQ
Steep Slope (7:12 or greater)	-	28.00 SQ
High Roof (over 1 story)	-	0.95 SQ
IWB (Ice & Water Barrier)	-	918.6 SF
<b>Roof Planes</b>	-	<b>15</b>
<b>Structures</b>	-	<b>1</b>
<b>Eave</b>	-	<b>173.7 LF</b>
<b>Rake</b>	-	<b>103.3 LF</b>
<b>Parapet</b>	-	<b>56.1 LF</b>
<b>Total Perimeter</b>	-	<b>333.1 LF</b>
<b>Ridge</b>	-	<b>113.5 LF</b>
<b>Hip</b>	-	<b>7.0 LF</b>
<b>Valley</b>	-	<b>113.4 LF</b>
<b>Slope Change</b>	-	<b>70.1 LF</b>
<b>Step Flashing</b>	-	<b>93.7 LF</b>
<b>Headwall Flashing</b>	-	<b>21.3 LF</b>



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**Waste Factor (Total Roof Area)**

4%	-	41.14 SQ	7%	-	42.32 SQ	10%	-	43.51 SQ	13%	-	44.70 SQ
5%	-	41.53 SQ	8%	-	42.72 SQ	11%	-	43.91 SQ	14%	-	45.09 SQ
6%	-	41.93 SQ	9%	-	43.11 SQ	12%	-	44.30 SQ	15%	-	45.49 SQ

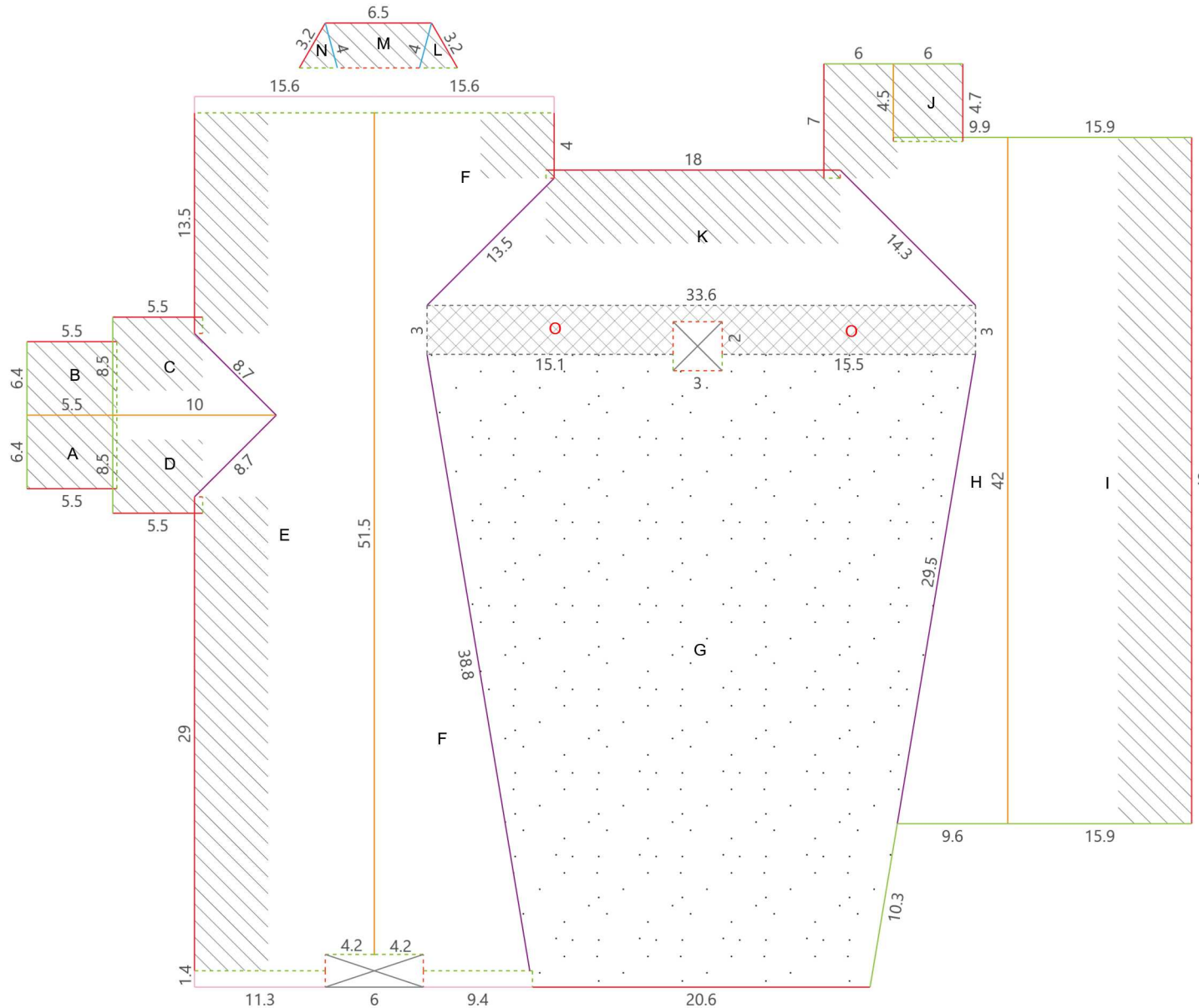
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# Roof Area Analysis - Structure 1

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Plane	Area(sf)	Pitch	Slope	High	IWB(sf)
A	35.00	12:12	S		33
B	35.00	12:12	S		33
C	60.81	12:12	S		33
D	60.81	12:12	S		33
E	777.11	12:12	S		255
F	489.44	12:12	S		24
G	1,060.82	2:12	L		
H	316.79	12:12	S		42
I	668.22	12:12	S		252
J	28.55	12:12	S		28
K	296.46	12:12	S		108
L	4.52	12:12	S		19
M	22.41	12:12	S		39
N	4.52	12:12	S		19
<b>O</b>	<b>95.00</b>	<b>1:12</b>	<b>F</b>	<b>H</b>	



Slope: (S)teep - (L)ow - (F)lat

Totals (SQ)		
1:12	-	0.9
2:12	-	10.6
12:12	-	28.0
Flat	-	0.9
Low	-	10.6
Steep	-	28.0
High	-	0.9

## Drawing Key

- Eave
- Hip
- Ridge
- Parapet
- Clerestory
- - - Headwall Flashing
- Rake Edge
- Valley
- Flat Drip Edge
- Coping
- - - Slope Change
- - - Step Flashing
- Ice & Water Areas
- Flat Slope Area

