

MS EXCEL (SCREENSHOT)

PLYWOOD ROOF SHEATHING

GET SURFACE SF FOR EACH PLANE FROM CA AND ENTER IT BELOW

PLANE	SF	SHEETS	PLYWOOD	COMMENTS
1	161.66 SF	6	SHEETS	A
2	103.71 SF	4	SHEETS	A
3	392.75 SF	13	SHEETS	A
4	852.35 SF	28	SHEETS	B
5	293.02 SF	10	SHEETS	B
6	378.04 SF	13	SHEETS	F
7	208.6 SF	8	SHEETS	C
8	695.69 SF	23	SHEETS	C
9	238.73 SF	8	SHEETS	D
10	552.91 SF	18	SHEETS	D
11	401.79 SF	14	SHEETS	D
12	164.96 SF	6	SHEETS	E
13	127.24 SF	5	SHEETS	E
TOTAL ROOF AREA		143	EXACT SHEETS	THIS IS TOTAL ROOF AREA / 32 SF PER SHEET
4571.5 SF		156	+ 1 PER PLANE	ADDED 1 SHEET PER EACH PLANE

***THESE NUMBERS ARE CALCULATED FROM A CAD MODEL AND ARE EXACT. THIS IS UNREALISTIC ON THE JOB SO ADD OVERAGES FROM DECADES OF EXPERIENCE.

MS EXCEL (ADOBE PDF)

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MATH IS DONE...IT'S EXCEL

THIS IS JUST PASTED TEXT FROM EXCEL. NO CALCULATION FUNCTION APPEARS PRESENT IN CA.

SAME HERE FOR MANUALLY TYPED ENTRIES

IF CHIEF ARCHITECT CAN GENERATE THE SIZES, LENGTHS AND AREAS OF OBJECTS, WHERE DOES IT DO THE CALCULATIONS FOR TOTALS (MATERIAL LIST) AND HOW CAN I TAKE PARTS OF THAT LIST AND CREATE A SMALL "LIVE" TABLE TO BE PLACED ON A LAYOUT PAGE THAT AUTO UPDATES AS THE MODEL IS CHANGED?

EXAMPLE: IF I WANT THE ENTIRE ROOF SURFACE AREA, IS THERE A WAY TO TAKE THE TOTAL FROM THE MATERIAL LIST AND HAVE IT GENERATED (TO RICH TEXT SO I CAN APPLY STYLES TO THE TEXT) AND BE PART OF A DATA TABLE OF "LIVE" SHEET COUNTS AND SHINGLE SQUARES?

JUST-A-THOUGHT

CA RICH TEXT COPY/PASTE FROM MS EXCEL

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1	161.66 SF	6	SHEETS	A
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TOTAL ROOF AREA		143	EXACT SHEETS	THIS IS TOTAL ROOF AREA / 32 SF PER SHEET
4571.5 SF		156	+ 1 PER PLANE	ADDED 1 SHEET PER EACH PLANE

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CA RICH TEXT FROM SCRATCH

ROOF PLANE	PLANE AREA	SHEETS + 1 EA		RIDGE
1	161.66 SF	6	SHEETS	A
2	103.71 SF	4	SHEETS	A
3	392.75 SF	13	SHEETS	A
4	852.35 SF	28	SHEETS	B
5	293.02 SF	10	SHEETS	B
6	378.04 SF	13	SHEETS	F
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8	695.69 SF	23	SHEETS	C
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11	401.79 SF	14	SHEETS	D
12	164.96 SF	6	SHEETS	E
13	127.24 SF	5	SHEETS	E
4517.5 SF		143	EXACT COUNT @ 32 SF/SHEET	
		156	COUNT WITH 1 EXTRA ADDED PER PLANE	
		170	ORDER	

CHIEF ARCHITECT (MATERIAL LIST)

	ID	Sub Category	Floor	Manufacturer	Code	Size	Description	Count
99								
100	Roofing							
101	R1		1				gutter: Ogee	308 ft
102	> R2		1				ridge cap: Default Ridge Cap	286 ft
103	> R3		1			1/8" thick	Asphalt Roofing - Black	4572.46 sq ft
104	> R4		1			48"x96"x1/2"	OSB-Hrz	144
105	> R5		1			1/2" thick	soffit - color - whipped cream	392.24 sq ft
106	> R6		1			1x8"	eave fascia	307 ft
107	> R7		1				metal drip edge	308 ft
108	> R8		1				downspout	12
109	> R9		1				ridge vent	95 ft
110	> R10		1				valley flashing	106 ft
111	> R11		1			2" x 10"	ridge board - lumber	408 ft
112	> R12		1			2" x 8"	rafters - lumber	3595 ft
113	> R13		1			2" x 6"	rafters - lumber	307 ft