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SR #	DRAWING#	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASURMENT	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
	DIV. 07 THERMAL AND MOISTURE PROTECTION									\$ 352,728
	ROOF ASSEMBLY-1									
1	A121B, A321-A323		TPO ROOFING MEMBRANE	3,329	10%	3,662	SF	\$ 5.3	\$ 19,408	
2			1/2" COVER BOARD	3,157	10%	3,473	SF	\$ 3.5	\$ 12,154	
3			4-1/2" THICK RIGID INSULATION (MIN. R-25)	3,157	10%	3,473	SF	\$ 2.3	\$ 7,987	
	ROOF ASSEMBLY-2									
4	A121B, A324, A325		ASPHALT ROOF SHINGLES	14,637	10%	16,101	SF	\$ 6.5	\$ 104,655	
5			30# FELT UNDERLAYMENT (2 LAYERS)	14,637	10%	16,101	SF	\$ 1.3	\$ 20,931	
6			7/16" O.S.B.	14,637	10%	16,101	SF	\$ 3.4	\$ 54,742	
7			2-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25) W/ 2" AIR GAP- VENT SPACER STRIPS	14,637	10%	16,101	SF	\$ 2.3	\$ 37,032	
8			2" THICK RIGID INSULATION (MIN. R-25)	14,637	10%	16,101	SF	\$ 2.1	\$ 33,811	
	ROOF ASSEMBLY-3									
9	A121B, A324, A326		STANDING SEAM METAL ROOF	809	10%	890	SF	\$ 12.4	\$ 11,035	
10			30# FELT UNDERLAYMENT	809	10%	890	SF	\$ 1.3	\$ 1,157	
11			7/16" O.S.B.	809	10%	890	SF	\$ 3.4	\$ 3,026	
12			4-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25)	809	10%	890	SF	\$ 2.4	\$ 2,136	
	ROOF ASSEMBLY-4									
13	A121A, A301, A325		ASPHALT ROOF SHINGLES	649	10%	714	SF	\$ 6.5	\$ 4,640	
14			30# FELT UNDERLAYMENT (2 LAYERS)	649	10%	714	SF	\$ 1.3	\$ 928	
15			7/16" O.S.B.	649	10%	714	SF	\$ 3.4	\$ 2,427	
16			2-1/2" THICK RIGID INSULATION-POLYISOCYANURATE INSULATION PANEL (MIN. R-25) W/ 2" AIR GAP- VENT SPACER STRIPS	649	10%	714	SF	\$ 2.3	\$ 1,642	
17			2" THICK RIGID INSULATION (MIN. R-25)	649	10%	714	SF	\$ 2.1	\$ 1,499	
	ROOF ASSEMBLY-5									
18	A121A, A301, A325		TPO ROOFING MEMBRANE	250	10%	275	SF	\$ 5.3	\$ 1,458	
19			1/2" COVER BOARD	250	10%	275	SF	\$ 3.5	\$ 963	

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ALTERNATE										
SR #	DRAWING#		DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
ALTERNATE#1										\$ 1,856
46	A902		BELL TOWER @ 45' A.F.F ROOFING							
47			STANDING SEAM METAL ROOF	90	10%	99	SF	\$ 12.4	\$ 1,228	
48			HIGH PERFORMANCE COATED STEEL TUBE CROSS	1	0%	1	EA	\$ 300.0	\$ 300	
			8"H CAST STONE COPING	38	10%	42	SF	\$ 7.8	\$ 329	
ALTERNATE#2										\$ 24,362
			WEST CANOPY ROOFING							
49	A902		ASPHALT ROOF SHINGLES	2,628	10%	2,891	SF	\$ 6.5	\$ 18,790	
50			2'-3"W CAST STONE CAP	22	10%	24	LF	\$ 12.7	\$ 307	
51			4" DIA. DOWNSPOUT	59	10%	65	LF	\$ 14.5	\$ 942	
52			CONTINUOUS PREFINISHED METAL GUTTER	271	10%	298	LF	\$ 14.5	\$ 4,322	