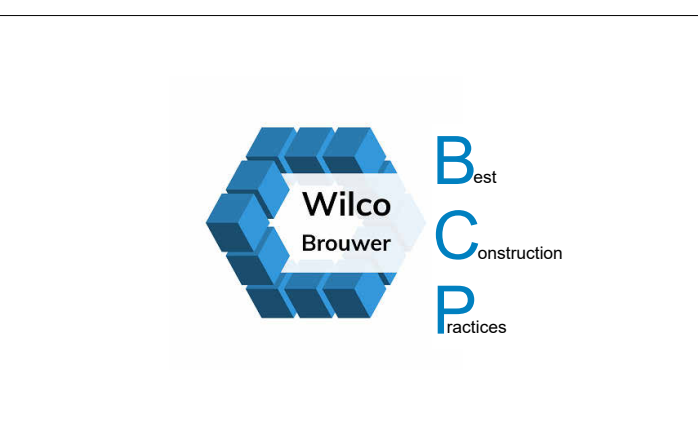
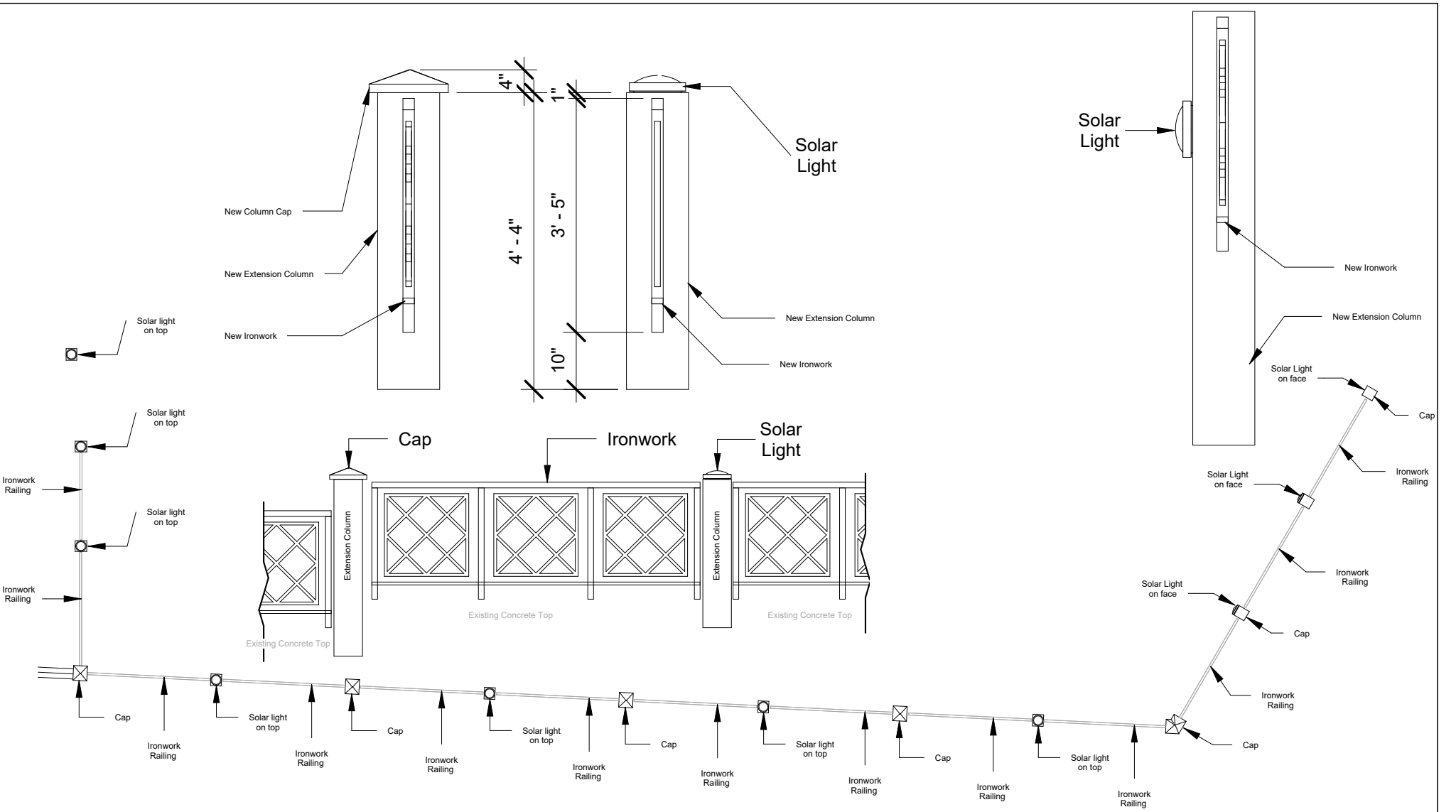
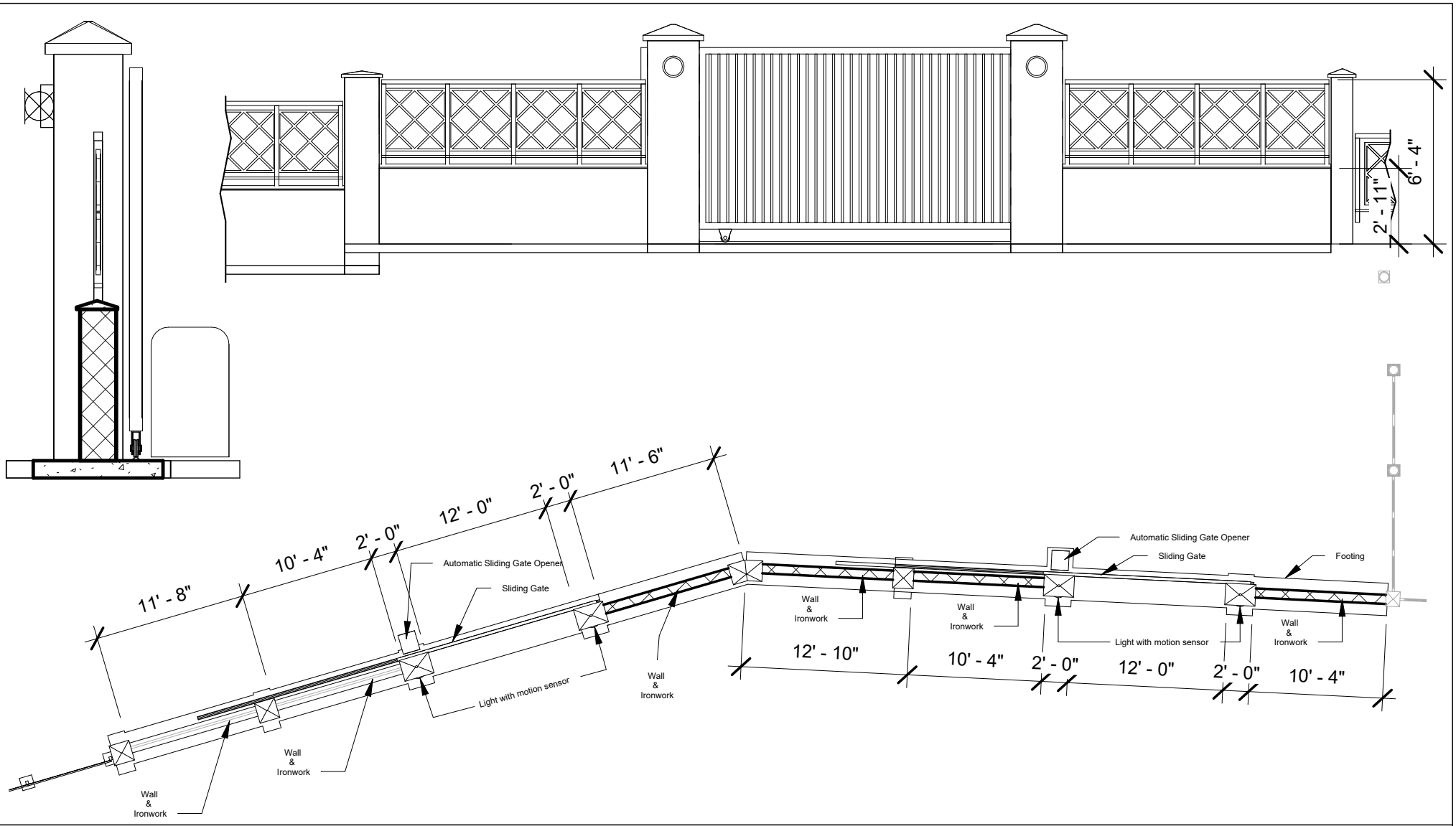


Project number	2102001.07	Drawn by	WNB
Project Issue Date	February 1, 2021	Checked by	Checker
Sapphire House		3D	
Laura Welke		DSH-107.01	
Perimeter Fence & Gates		Scale	



Project number	2102001.07	Drawn by	WNB
Project Issue Date	February 1, 2021	Checked by	Checker
Sapphire House		Column Extensions	
Laura Welke		DSH-107.02	
Perimeter Fence & Gates		Scale	As indicated



Project number	2102001.07	Drawn by	WNB
Project Issue Date	February 1, 2021	Checked by	Checker
Sapphire House		Wall & Gates Plan	
Laura Welke		DSH-107.03	
Perimeter Fence & Gates		Scale	As indicated

Railing	
Family	Length
Railing	179' - 10"
	179' - 10"
	179' - 10"

Gate & Fence		
Family and Type	Model	Length LF
Chain Link Fence: Custom	Rigid Welded Mesh	190
Rolling Gate: Custom	Custom	28



Rebar		
Family and Type	Bar Diameter	Total Bar Length
Rebar Bar: #2	1/4"	383' - 2 9/16"
		383' - 2 9/16"
Rebar Bar: #3	3/8"	885' - 8 23/32"
		885' - 8 23/32"
Rebar Bar: #4	1/2"	606' - 8"
		606' - 8"
Rebar Bar: #5	5/8"	248' - 11 9/16"
		248' - 11 9/16"
		2124' - 6 13/16"

Lighting Fixtures	
Family	Count
Lighting Wall-Mounted Solar	14
	14
	14

Column Caps				Column Materials			
Family	Type	Material: Description	Material: Volume	Family and Type	Material: Description	Material: Area	Material: Volume
Column Cap1	Column Cap	Cast-in-place concrete	0.01 CY	Concrete-Rectangular-Column: 10 x 10 7/8	Cast-in-place concrete	247.58 SF	1.82 CY
Column Cap2	Column Cap	Cast-in-place concrete	0.01 CY			247.58 SF	1.82 CY
Column Cap3	Column Cap	Cast-in-place concrete	0.01 CY	Structural Corner Columns: Structural Corner Columns	Cast-in-place concrete	20.68 SF	0.17 CY
Column Cap4	Column Cap	Cast-in-place concrete	0.01 CY			20.68 SF	0.17 CY
Column Cap5	Column Cap	Cast-in-place concrete	0.03 CY			268.26 SF	1.99 CY
Column Cap6	Column Cap	Cast-in-place concrete	0.01 CY				
Column Cap7	Column Cap	Cast-in-place concrete	0.02 CY				
Column Cap8	Column Cap	Cast-in-place concrete	0.02 CY				
Column Cap9	Column Cap	Cast-in-place concrete	0.02 CY				
Column Cap10	Column Cap	Cast-in-place concrete	0.02 CY				
Column Cap11	Column Cap	Cast-in-place concrete	0.01 CY				
Gate Column Top	Gate Column Top	Cast-in-place concrete	0.05 CY				
Gate Column Top1	Gate Column Top	Cast-in-place concrete	0.05 CY				
Gate Column Top2	Gate Column Top	Cast-in-place concrete	0.05 CY				
Gate Column Top3	Gate Column Top	Cast-in-place concrete	0.05 CY				
			0.37 CY				

Wall Parapet		
Type	Material: Description	Material: Volume
Wall Sweep - Cap	Cast-in-place concrete	0.19 CY
		0.19 CY
		0.19 CY

Footing Materials			Wall Materials			
Type	Material: Description	Material: Volume	Family and Type	Material: Description	Material: Area	
Footing - 30" x 4"	Cast-in-place concrete	3.26 CY	Basic Wall: 8" CMU Plaster	Cement Plaster	361.67 SF	
		3.26 CY			CMU	180.83 SF
Structural Foundations 1	Cast-in-place concrete	0.03 CY	Basic Wall: 8" CMU Plaster Ext.	Cement Plaster	542.5 SF	
		0.03 CY			CMU	211.28 SF
		3.29 CY			CMU	212.58 SF
					423.86 SF	
					966.36 SF	
			Grand total: 48			

 	Project number	2102001.07	Drawn by	WNB	
	Project Issue Date	February 1, 2021	Checked by	Checker	
	Sapphire House		Materials		
	Laura Welke		DSH-107.04		
	Perimeter Fence & Gates		Scale		